

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX022120\
 Data File : VX014993.D
 Acq On : 21 Feb 2020 14:12
 Operator : JC/SP
 Sample : VX0221WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0221WBSD01

Manual Integrations
 APPROVED

MMDadoda
 2/24/2020 11:29:19 AM

Quant Time: Feb 22 00:48:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X022120W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Feb 22 00:37:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.00	128	75810	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	398033	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	365693	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	152487	28.93	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	96.43%
60) 4-Bromofluorobenzene	11.13	95	170525	29.94	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.80%
63) Toluene-d8	8.71	98	475965	29.85	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.50%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	61624	18.203	ug/l 97
3) Chloromethane	1.32	50	81525	18.624	ug/l 95
4) Vinyl Chloride	1.40	62	87211	18.512	ug/l 99
5) Bromomethane	1.64	94	62090	18.820	ug/l 99
6) Chloroethane	1.72	64	58691	18.598	ug/l 98
7) Trichlorofluoromethane	1.93	101	129598	18.902	ug/l 95
8) Diethyl Ether	2.18	74	57291	19.863	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	77575	19.569	ug/l 100
10) 1,1-Dichloroethene	2.37	96	75481	18.940	ug/l 99
11) Methyl Iodide	2.50	142	82490	17.035	ug/l 99
12) Methyl Acetate	2.76	43	101737	20.515	ug/l 99
13) Acrolein	2.28	56	90309	91.566	ug/l 98
14) Acrylonitrile	3.12	53	224282	100.144	ug/l 99
15) Acetone	2.42	58	65989	82.332	ug/l 96
16) Carbon Disulfide	2.56	76	198906	18.563	ug/l 100
17) Allyl chloride	2.72	41	130605	18.840	ug/l 97
18) Methylene Chloride	2.85	84	88719	19.322	ug/l 98
19) trans-1,2-Dichloroethene	3.16	96	83963	19.181	ug/l 97
20) Diisopropyl ether	3.84	45	275945	19.491	ug/l 99
21) 1,1-Dichloroethane	3.69	63	146863	18.923	ug/l 98
22) cis-1,2-Dichloroethene	4.58	96	96653	19.296	ug/l 97
23) tert-Butyl Alcohol	2.76	59	8999	10.136	ug/l 100
24) Methyl tert-Butyl Ether	3.18	73	265294	20.009	ug/l 99
25) Chloroform	5.20	83	150087	19.177	ug/l 98
26) Cyclohexane	5.57	56	132364	19.083	ug/l 99
29) 1,1-Dichloropropene	5.79	75	113590	20.176	ug/l 99
30) 2-Butanone	4.65	43	317749	97.780	ug/l 99
31) 2,2-Dichloropropane	4.57	77	118122	19.107	ug/l 99
32) 1,1,1-Trichloroethane	5.48	97	126322	19.758	ug/l 98
33) Carbon Tetrachloride	5.78	117	108402	19.369	ug/l 90
34) Benzene	6.13	78	340847	20.064	ug/l 98
35) Methacrylonitrile	5.02	41	69885	21.082	ug/l 97
36) 1,2-Dichloroethane	6.18	62	122622	20.392	ug/l 99
37) Trichloroethene	7.20	130	97625	20.467	ug/l 96
38) Methylcyclohexane	7.45	83	141212	20.236	ug/l 98
39) 1,2-Dichloropropane	7.50	63	86348	19.747	ug/l 99
40) Dibromomethane	7.65	93	59783	20.474	ug/l 97

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Manual Integrations
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Feb 22 00:37:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	117264	20.330	ug/l	98
42) Vinyl Acetate	3.80	43	1184490	103.557	ug/l	99
43) Ethyl Acetate	4.81	43	123069	20.931	ug/l	96
44) Isopropyl Acetate	6.43	43	201275	20.363	ug/l	99
45) 1,4-Dioxane	7.73	88	41215	451.260	ug/l	95
46) Methyl methacrylate	7.76	41	100082	20.467	ug/l	99
47) n-amyl Acetate	10.89	43	172700	20.168	ug/l	100
48) t-1,3-Dichloropropene	9.03	75	129844	20.290	ug/l	100
49) cis-1,3-Dichloropropene	8.43	75	140573	19.953	ug/l	98
50) 1,1,2-Trichloroethane	9.21	97	89975	20.683	ug/l	96
51) Ethyl methacrylate	9.17	69	137144	20.426	ug/l	98
52) 1,3-Dichloropropane	9.36	76	149616	20.331	ug/l	99
53) Dibromochloromethane	9.57	129	97352	20.699	ug/l	98
54) 1,2-Dibromoethane	9.67	107	97178	21.040	ug/l	98
55) 2-Chloroethyl vinyl ether	8.30	63	338750	94.714	ug/l	100
56) Bromoform	10.85	173	72781	19.740	ug/l	100
58) 4-Methyl-2-Pentanone	8.63	43	628270	104.830	ug/l	99
59) 2-Hexanone	9.48	43	474158	101.257	ug/l	99
61) Tetrachloroethene	9.33	164	99140	20.184	ug/l	96
62) Toluene	8.78	91	375079	20.024	ug/l	99
64) Chlorobenzene	10.13	112	240422	20.109	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.21	131	90474	20.430	ug/l	99
66) Ethyl Benzene	10.25	91	418943	20.304	ug/l	98
67) m/p-Xylenes	10.36	106	317316	39.881	ug/l	100
68) o-Xylene	10.69	106	152605	19.822	ug/l	99
69) Styrene	10.71	104	261764	19.908	ug/l	99
70) Isopropylbenzene	11.01	105	408275	19.965	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.26	83	134767	20.468	ug/l	99
72) 1,2,3-Trichloropropane	11.29	75	114871m	21.033	ug/l	
73) Bromobenzene	11.25	156	111312	20.145	ug/l	99
74) n-propylbenzene	11.35	91	475335	20.423	ug/l	100
75) 2-Chlorotoluene	11.42	91	278684	20.262	ug/l	99
76) 1,3,5-Trimethylbenzene	11.50	105	345134	20.138	ug/l	100
77) t-1,4-Dichloro-2-butene	11.07	75	42146	19.137	ug/l	98
78) 4-Chlorotoluene	11.51	91	318522	20.021	ug/l	99
79) tert-butylbenzene	11.76	119	334141	20.181	ug/l	99
80) 1,2,4-Trimethylbenzene	11.80	105	344870	20.241	ug/l	99
81) sec-Butylbenzene	11.94	105	401552	20.251	ug/l	99
82) p-Isopropyltoluene	12.06	119	372481	20.220	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	196892	20.327	ug/l	99
84) 1,4-Dichlorobenzene	12.09	146	202624	20.773	ug/l	99
85) n-Butylbenzene	12.38	91	319344	19.921	ug/l	100
86) Hexachloroethane	12.59	117	64053	19.237	ug/l	98
87) 1,2-Dichlorobenzene	12.39	146	198856	20.631	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.99	75	29135	20.318	ug/l	99
89) 1,2,4-Trichlorobenzene	13.64	180	139319	20.100	ug/l	99
90) Hexachlorobutadiene	13.78	225	69038	20.055	ug/l	98
91) Naphthalene	13.83	128	400471	20.407	ug/l	100
92) 1,2,3-Trichlorobenzene	14.01	180	139438	20.262	ug/l	100

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 12 Sample Multiplier: 1

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ClientSampleId :
VX0221WBSD01

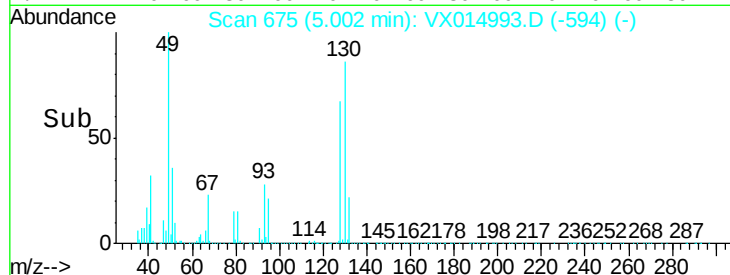
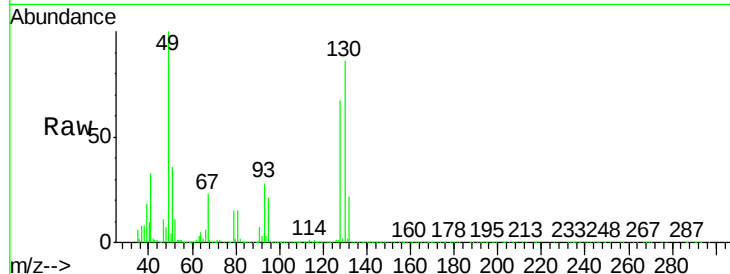
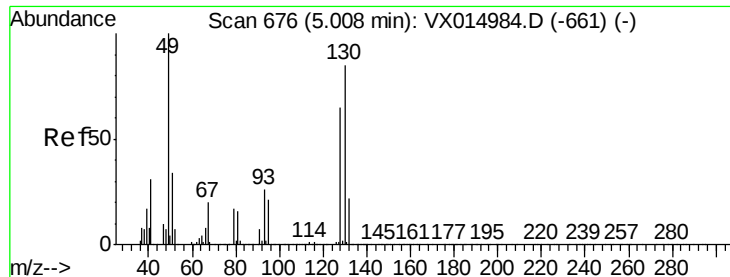
Manual Integrations
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2/24/2020 11:29:19 AM

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QLast Update : Sat Feb 22 00:37:56 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



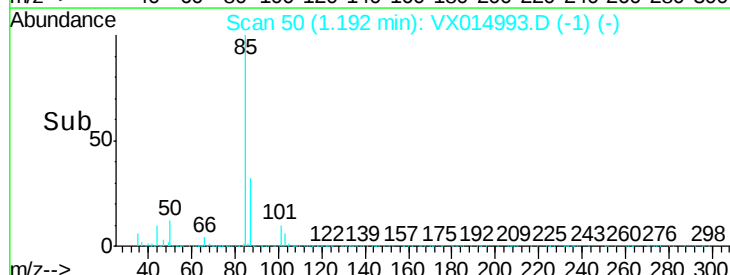
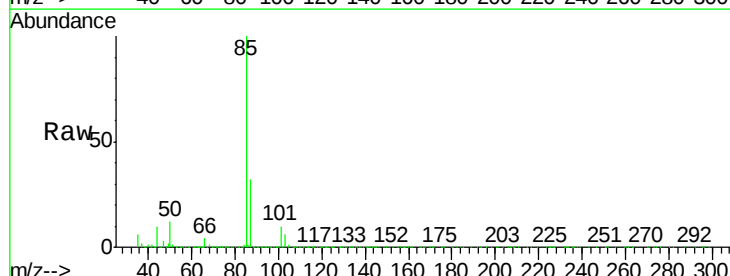
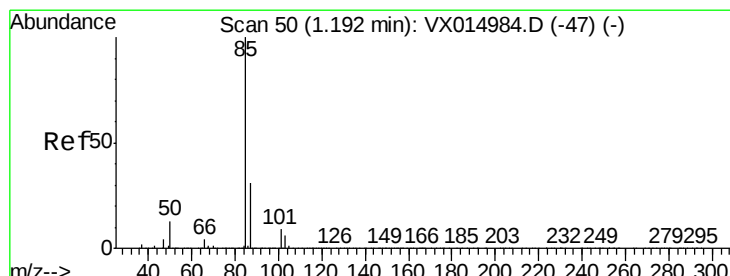
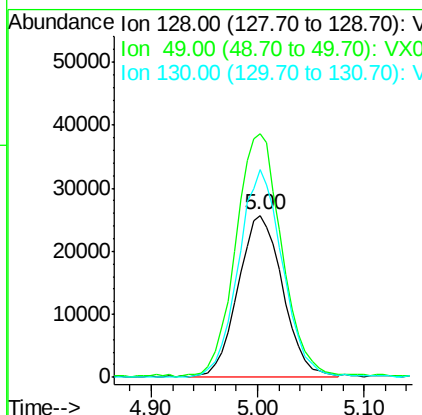
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX014993.D
Acq: 21 Feb 2020 14:12

Tot Ion	Ratio	Lower	Upper
128	100		
49	154.0	0.0	384.7
130	126.9	0.0	330.8

Instrument :
MSVOA_X
ClientSampleId :
VX0221WBSD01

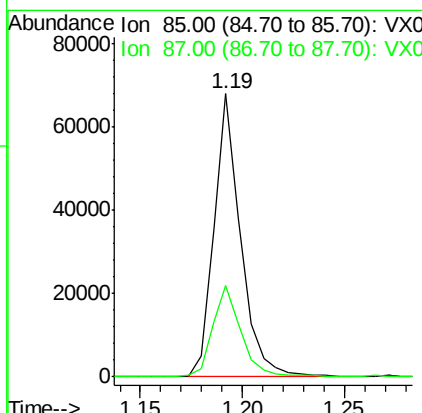
Manual Integrations
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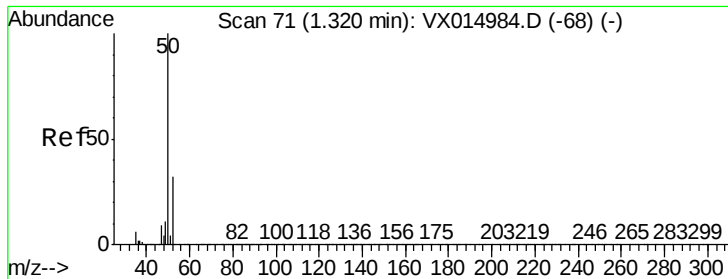
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#2
Dichlorodifluoromethane
Concen: 18.203 ug/l
RT: 1.19 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX014993.D
Acq: 21 Feb 2020 14:12

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.4	15.3	45.9





#3

Chloromethane

Concen: 18.624 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014993.D

Acq: 21 Feb 2020 14:12

Instrument :

MSVOA_X

ClientSampleId :

VX0221WBSD01

Tot Ion: 50 Resp: 81525

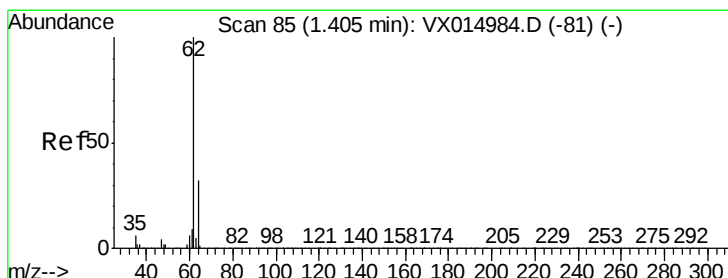
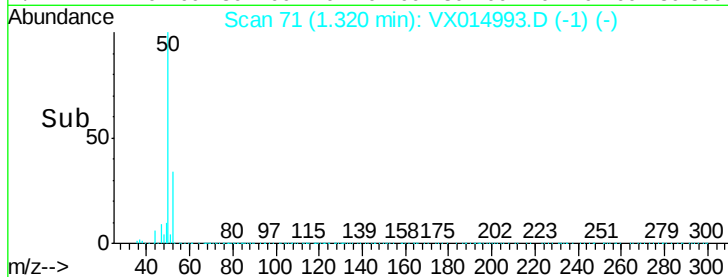
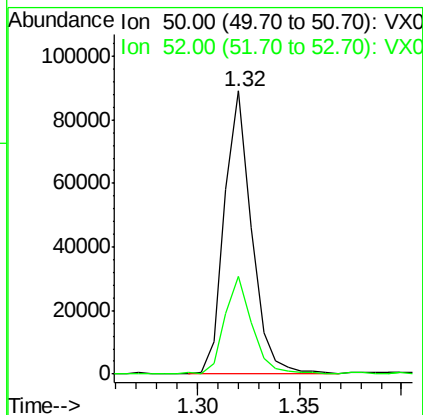
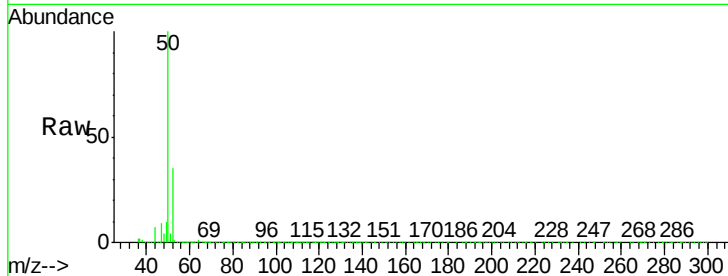
Ion Ratio Lower Upper

50 100

52 34.4 25.4 38.0

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#4

Vinyl Chloride

Concen: 18.512 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.01 min

Lab File: VX014993.D

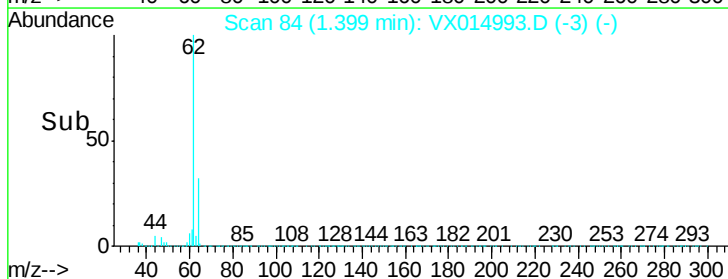
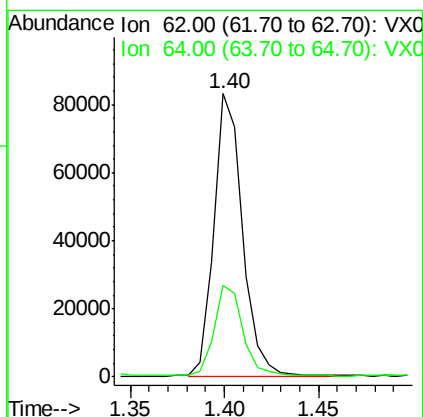
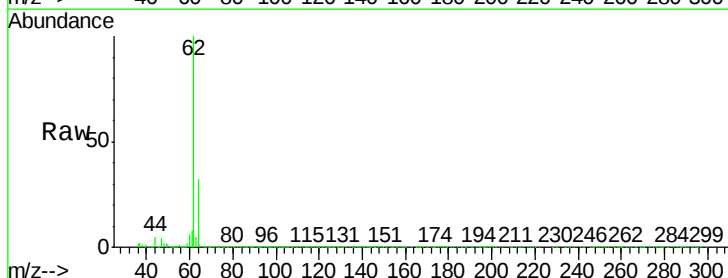
Acq: 21 Feb 2020 14:12

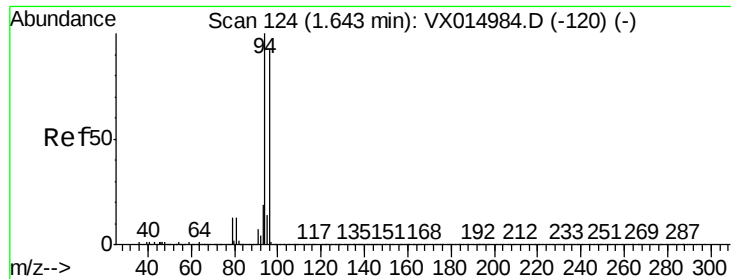
Tgt Ion: 62 Resp: 87211

Ion Ratio Lower Upper

62 100

64 32.0 25.4 38.0





#5

Bromomethane

Concen: 18.820 ug/l

RT: 1.64 min Scan# 124

Delta R.T. 0.00 min

Lab File: VX014993.D

Acq: 21 Feb 2020 14:12

Instrument :

MSVOA_X

ClientSampleId :

VX0221WBSD01

Tot Ion: 94 Resp: 62090

Ion Ratio Lower Upper

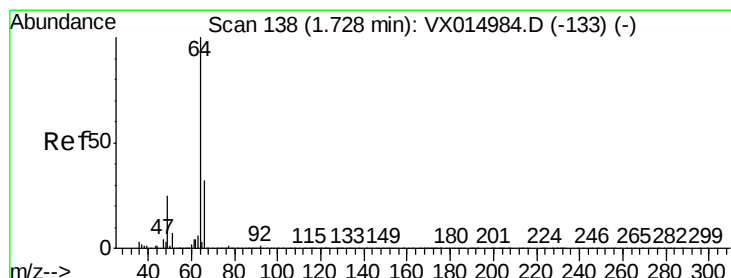
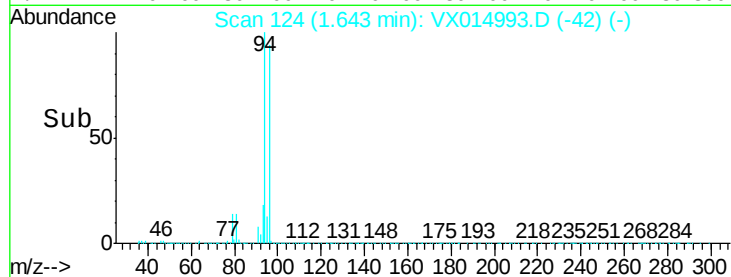
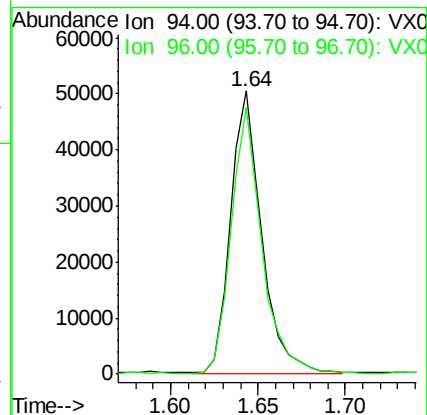
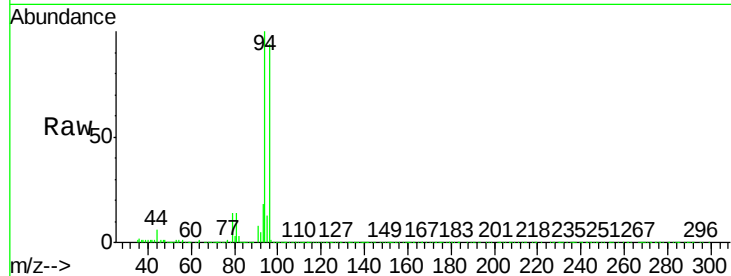
94 100

96 94.1 74.6 112.0

Manual Integrations
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#6

Chloroethane

Concen: 18.598 ug/l

RT: 1.72 min Scan# 137

Delta R.T. -0.01 min

Lab File: VX014993.D

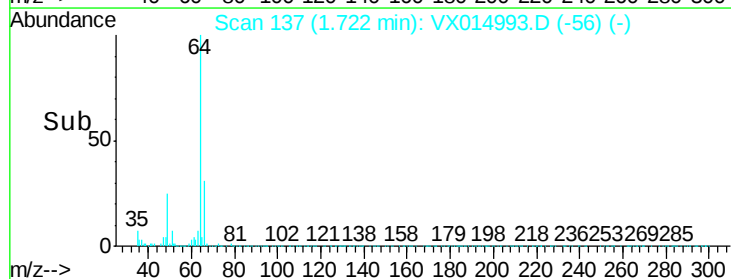
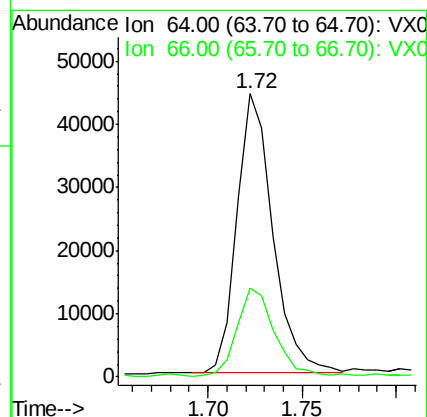
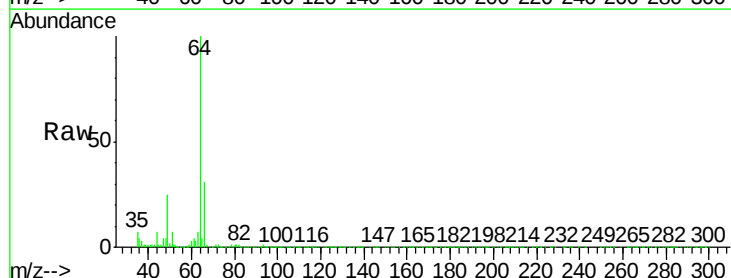
Acq: 21 Feb 2020 14:12

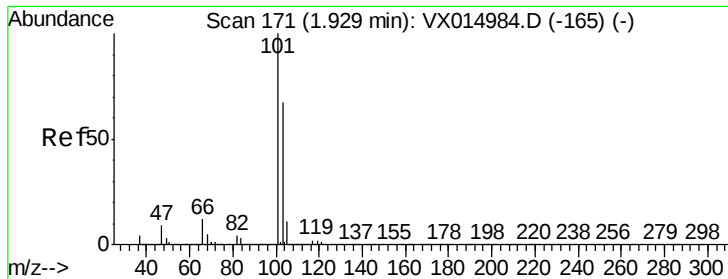
Tgt Ion: 64 Resp: 58691

Ion Ratio Lower Upper

64 100

66 31.2 25.8 38.6





#7

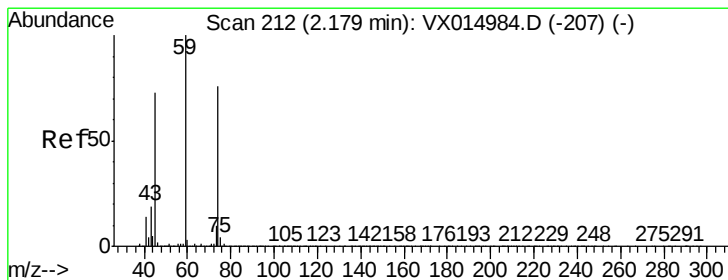
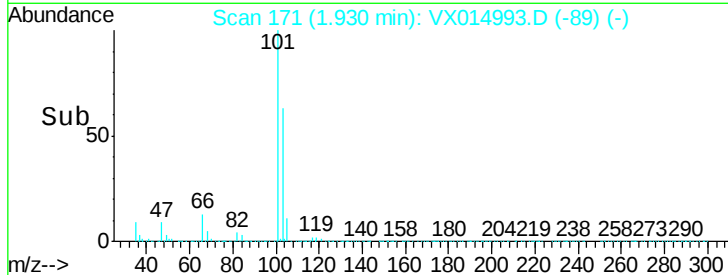
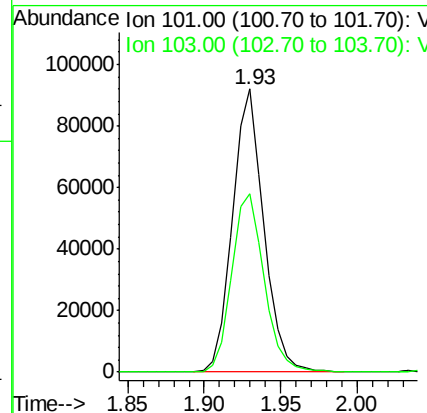
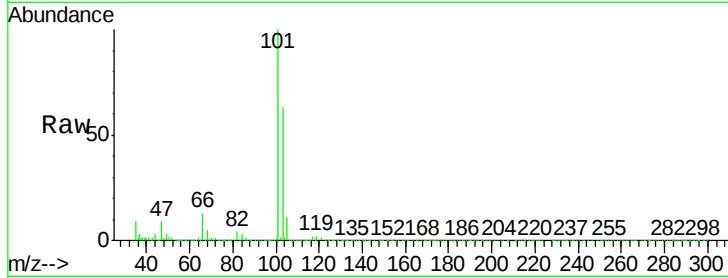
Trichlorofluoromethane
Concen: 18.902 ug/l
RT: 1.93 min Scan# 171
Delta R.T. 0.00 min
Lab File: VX014993.D
Acq: 21 Feb 2020 14:12

Instrument :
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ClientSampleId :
VX0221WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	129598		
103	62.9	53.4	80.2	

Manual Integrations
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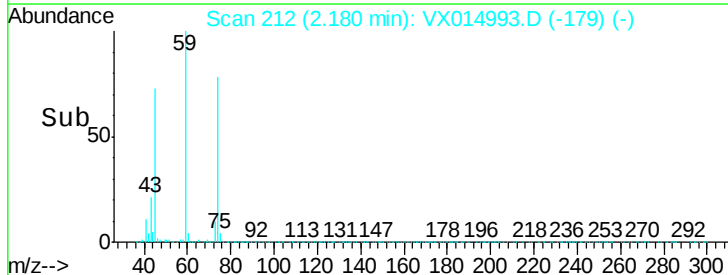
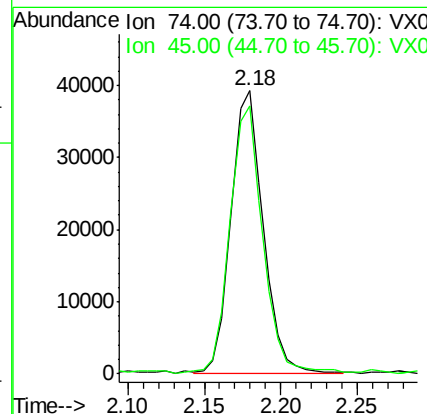
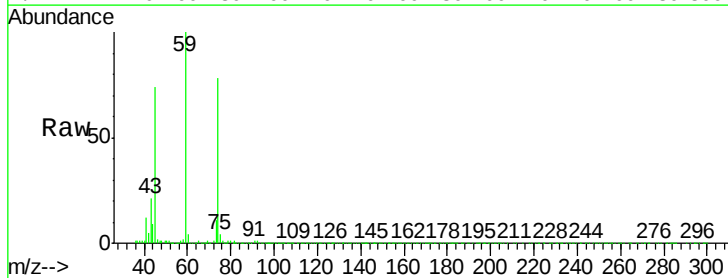
MMDadoda
2/24/2020 11:29:19 AM

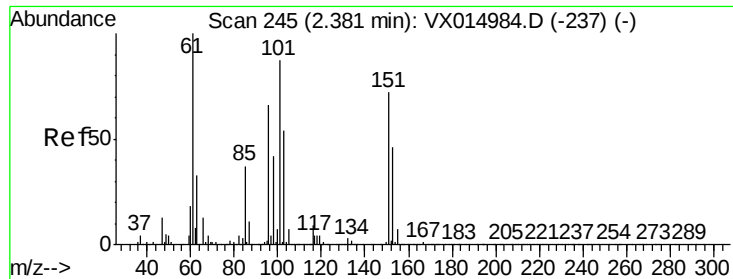


#8

Diethyl Ether
Concen: 19.863 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014993.D
Acq: 21 Feb 2020 14:12

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	57291		
45	94.9	19.6	176.8	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.569 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.00 min

Lab File: VX014993.D

Acq: 21 Feb 2020 14:12

Instrument :

MSVOA_X

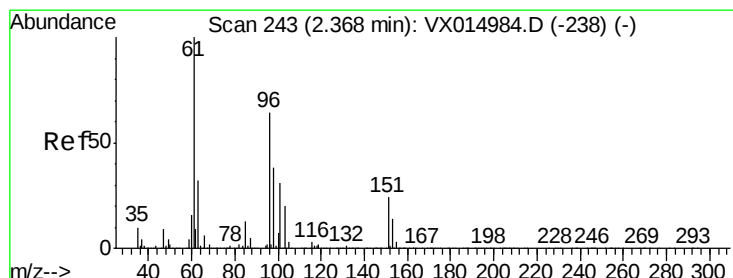
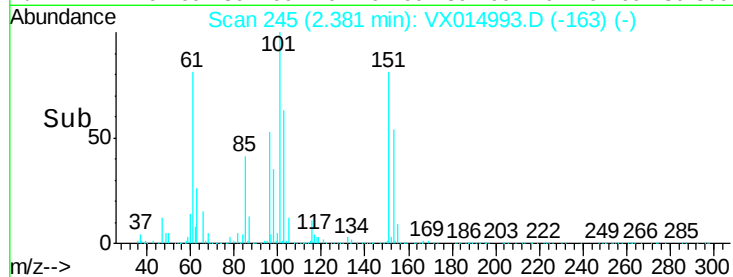
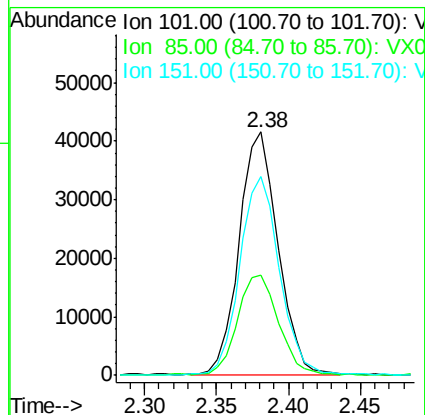
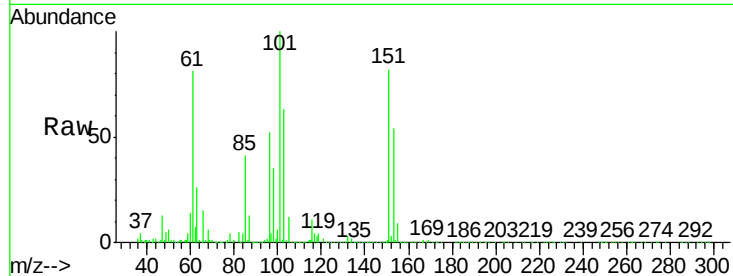
ClientSampleId :

VX0221WBSD01

Tot Ion:	101	Resp:	77575
Ion Ratio	Lower	Upper	
101	100		
85	43.2	0.0	86.6
151	83.9	0.0	167.4

Manual Integrations
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2/24/2020 11:29:19 AM



#10

1,1-Dichloroethene

Concen: 18.940 ug/l

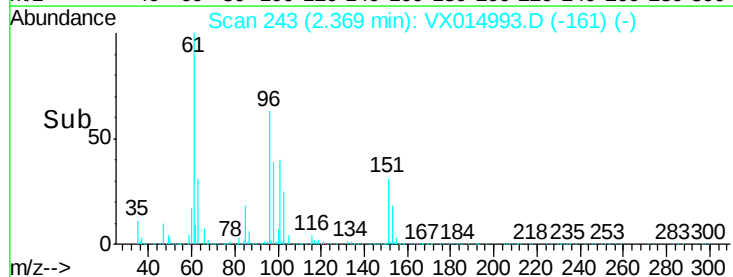
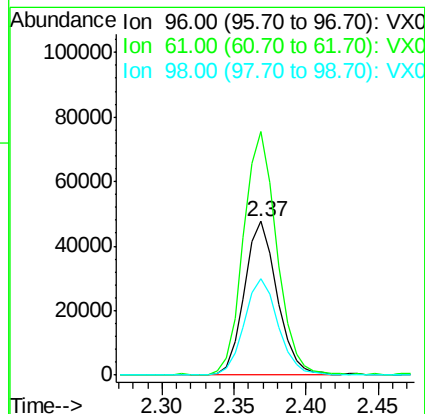
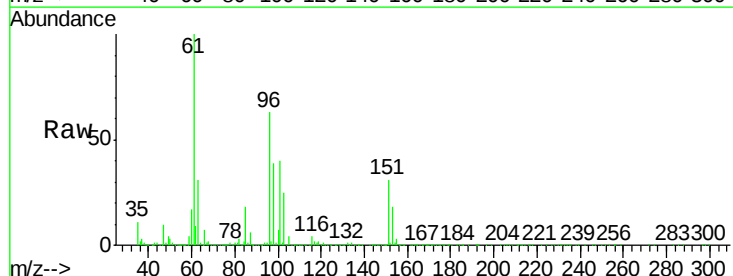
RT: 2.37 min Scan# 243

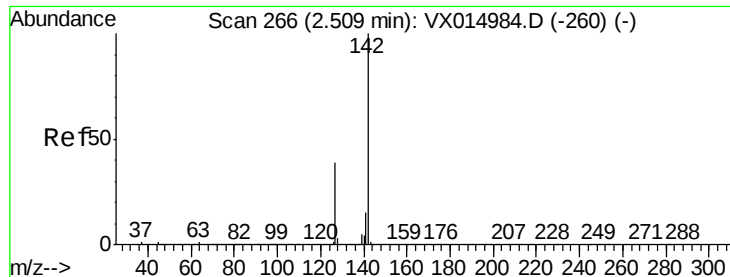
Delta R.T. 0.00 min

Lab File: VX014993.D

Acq: 21 Feb 2020 14:12

Tgt Ion:	96	Resp:	75481
Ion Ratio	Lower	Upper	
96	100		
61	158.3	126.1	189.1
98	62.4	48.2	72.2





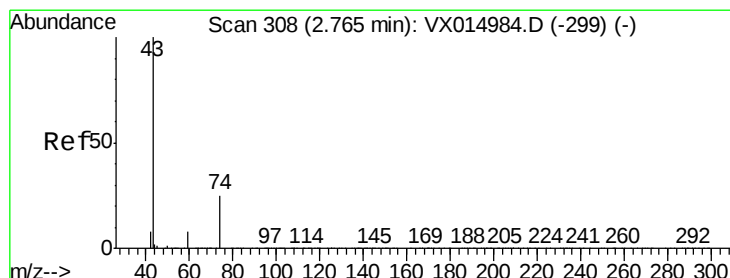
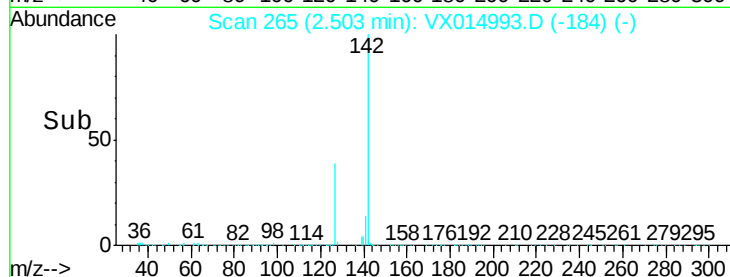
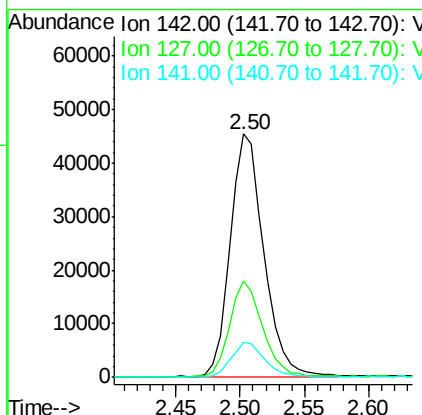
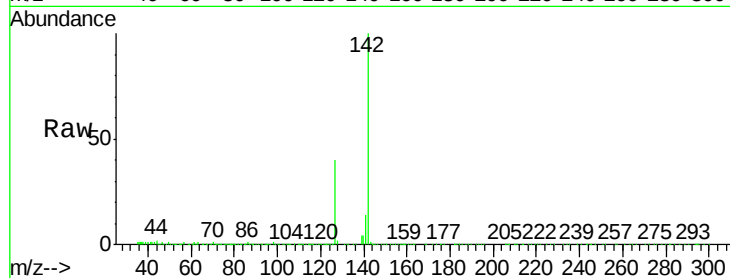
#11
Methyl Iodide
Concen: 17.035 ug/l
RT: 2.50 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX014993.D
Acq: 21 Feb 2020 14:12

Instrument :
MSVOA_X
ClientSampleId :
VX0221WBSD01

Tot Ion	Ratio	Lower	Upper
142	100		
127	39.4	19.7	59.0
141	14.2	7.4	22.2

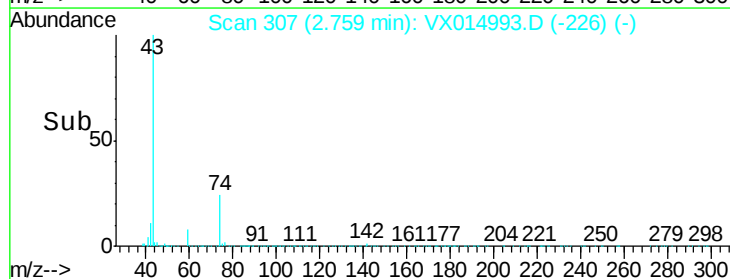
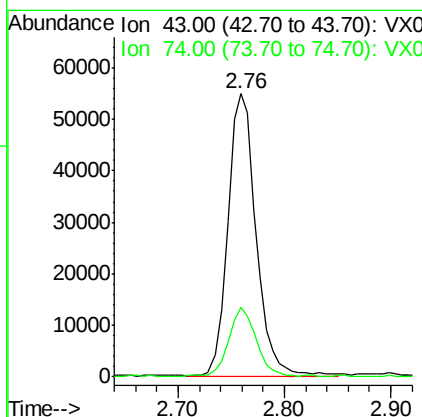
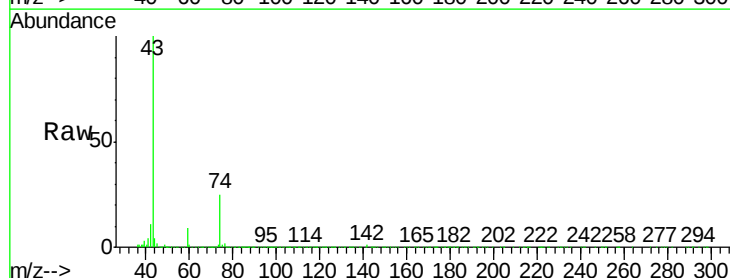
Manual Integrations
APPROVED

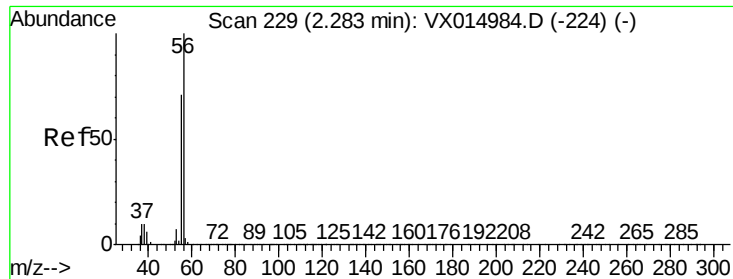
MMDadoda
2/24/2020 11:29:19 AM



#12
Methyl Acetate
Concen: 20.515 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014993.D
Acq: 21 Feb 2020 14:12

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.1	19.8	29.8





#13

Acrolein

Concen: 91.566 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014993.D

Acq: 21 Feb 2020 14:12

Instrument :

MSVOA_X

ClientSampleId :

VX0221WBSD01

Tot Ion: 56 Resp: 90309

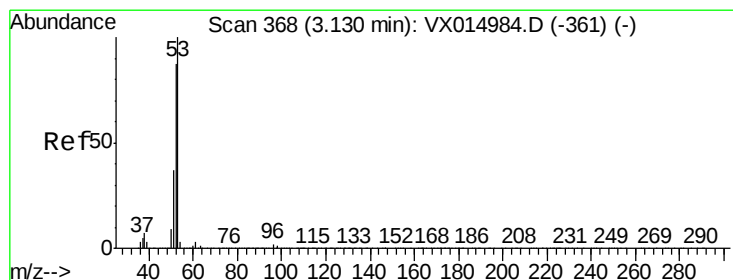
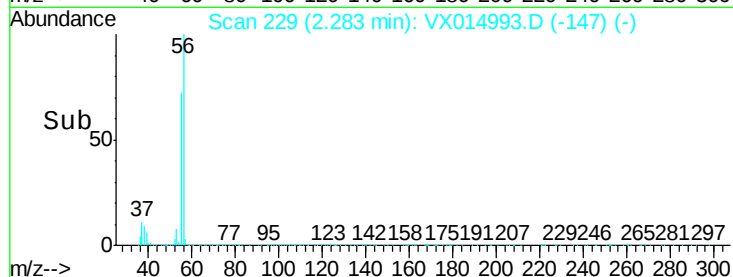
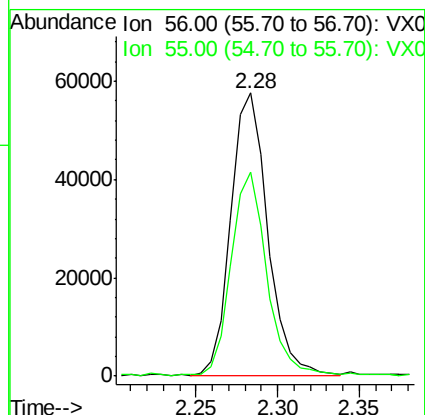
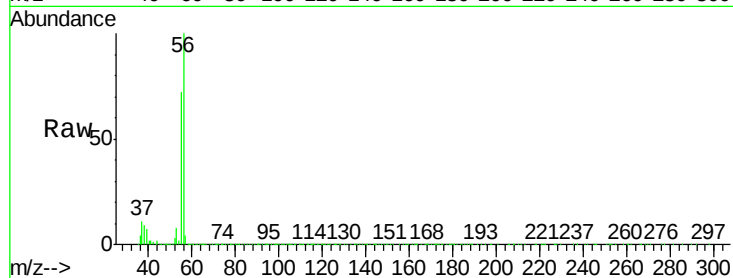
Ion Ratio Lower Upper

56 100

55 68.7 56.2 84.2

Manual Integrations
APPROVED

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2/24/2020 11:29:19 AM



#14

Acrylonitrile

Concen: 100.144 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX014993.D

Acq: 21 Feb 2020 14:12

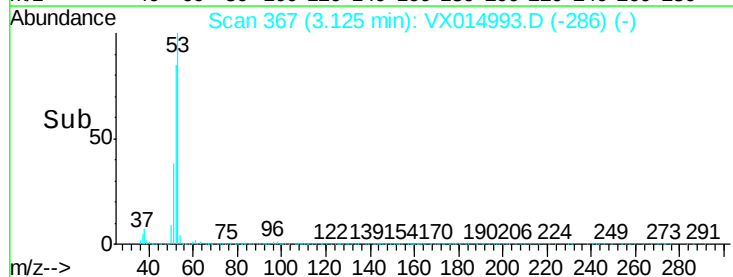
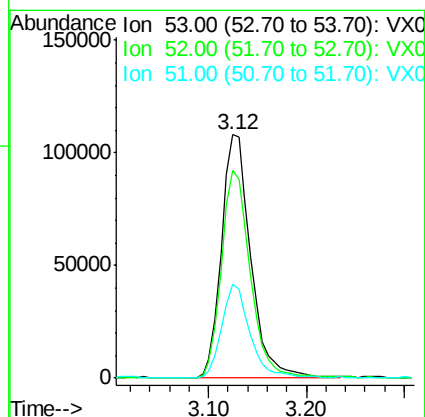
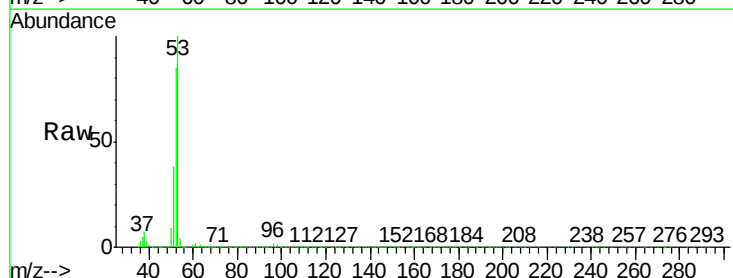
Tgt Ion: 53 Resp: 224282

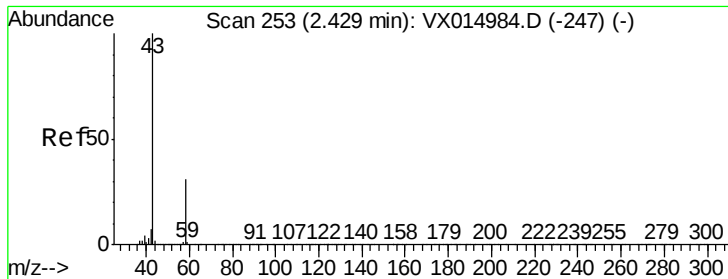
Ion Ratio Lower Upper

53 100

52 83.8 41.5 124.6

51 37.2 18.1 54.4





#15

Acetone

Concen: 82.332 ug/l

RT: 2.42 min Scan# 252

Delta R.T. -0.01 min

Lab File: VX014993.D

Acq: 21 Feb 2020 14:12

Instrument :

MSVOA_X

ClientSampleId :

VX0221WBSD01

Tot Ion: 58 Resp: 65989

Ion Ratio Lower Upper

58 100

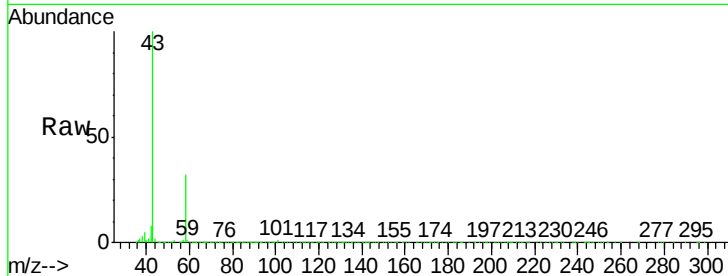
43 314.3 257.7 386.5

Manual Integrations

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Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

150000

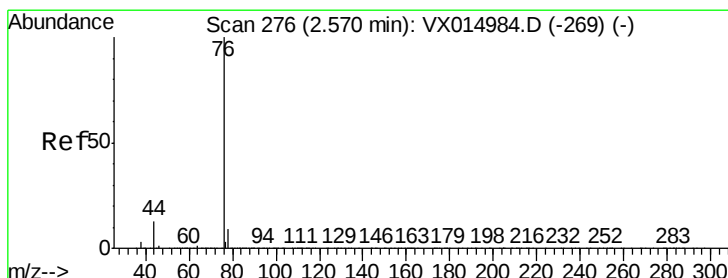
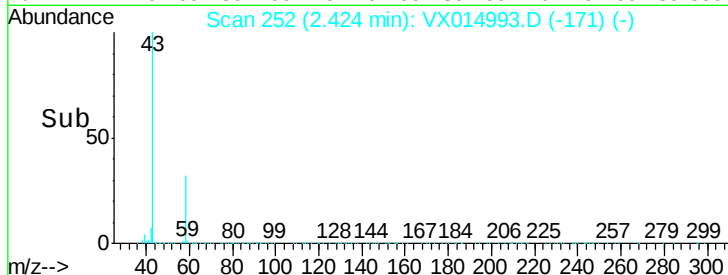
100000

50000

0

2.35 2.40 2.45 2.50

Time-->



#16

Carbon Disulfide

Concen: 18.563 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.01 min

Lab File: VX014993.D

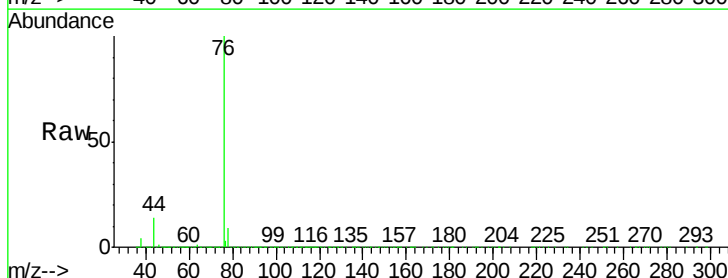
Acq: 21 Feb 2020 14:12

Tgt Ion: 76 Resp: 198906

Ion Ratio Lower Upper

76 100

78 8.9 7.1 10.7



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

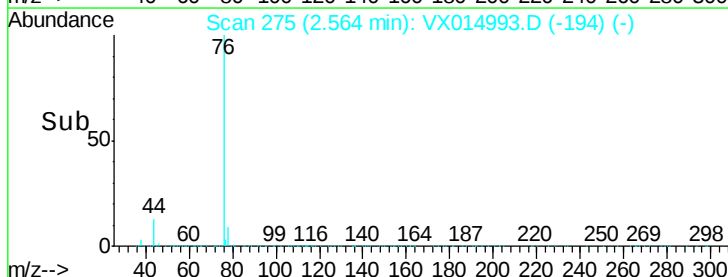
100000

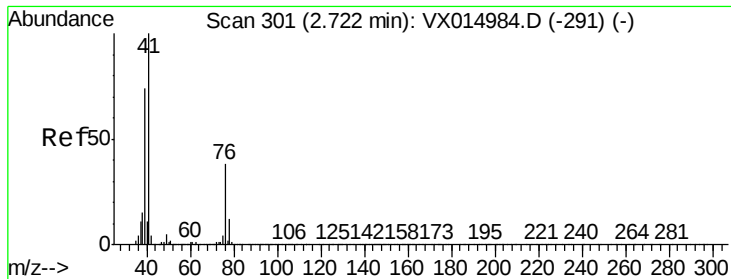
50000

0

2.50 2.55 2.60 2.65

Time-->





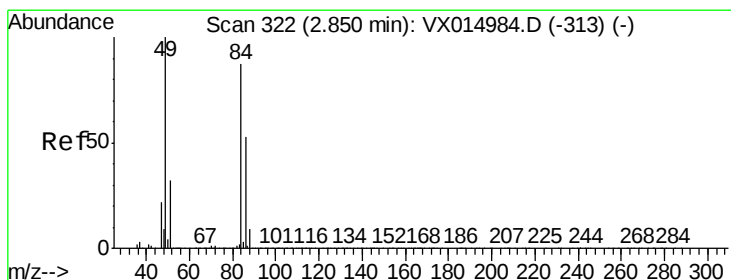
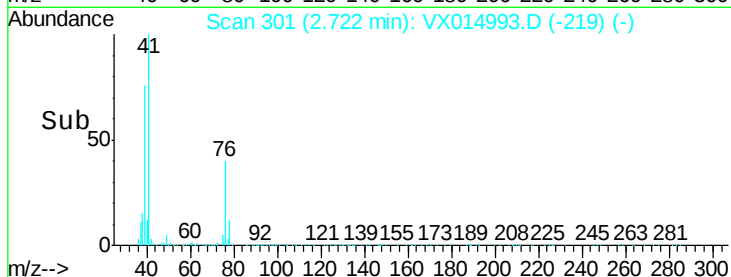
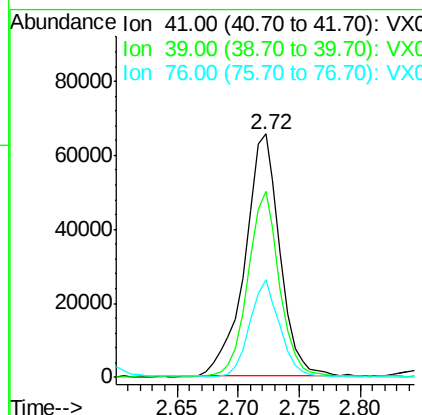
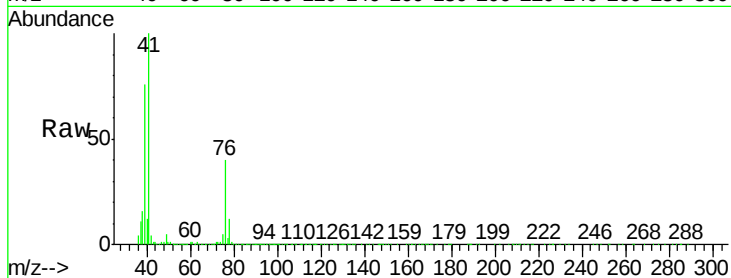
#17
Allvl chloride
Concen: 18.840 ug/l
RT: 2.72 min Scan# 301
Delta R.T. 0.00 min
Lab File: VX014993.D
Acq: 21 Feb 2020 14:12

Instrument :
MSVOA_X
ClientSampleId :
VX0221WBSD01

Tot Ion	Ratio	Lower	Upper
41	100		
39	76.5	37.1	111.5
76	39.9	18.8	56.4

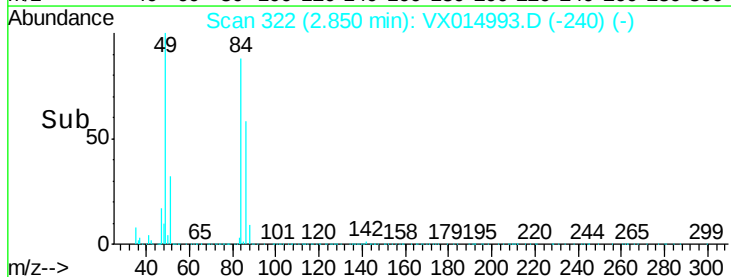
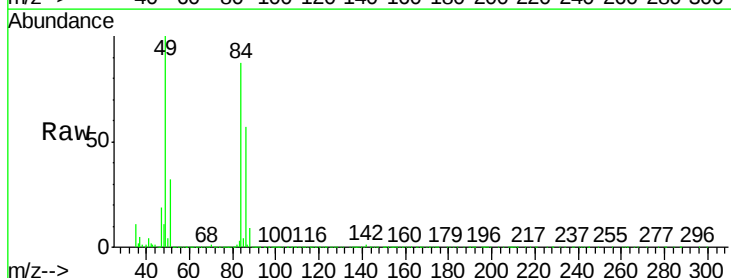
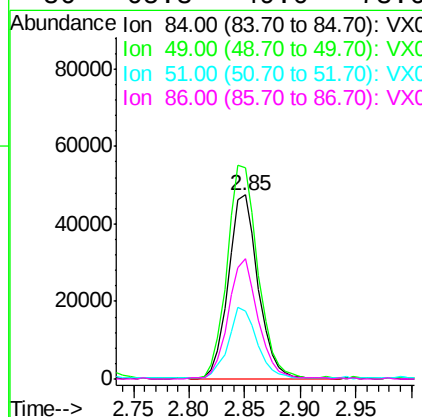
Manual Integrations
APPROVED

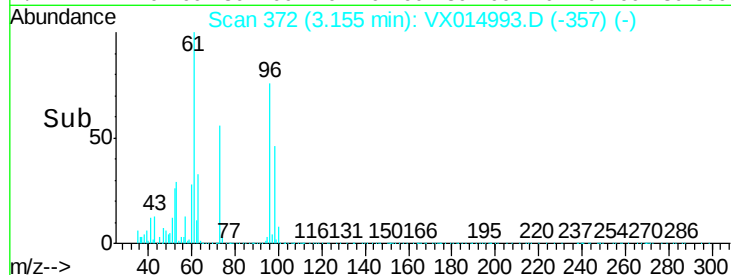
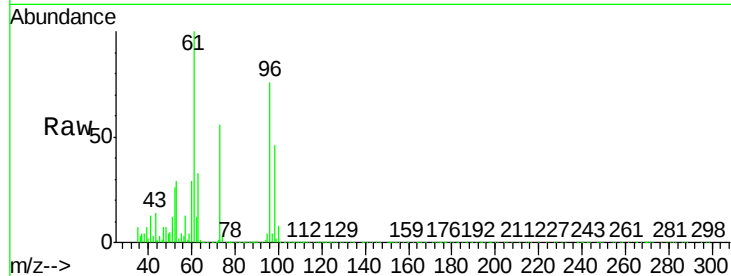
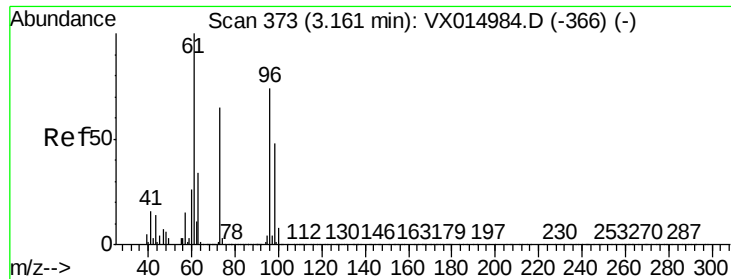
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#18
Methylene Chloride
Concen: 19.322 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014993.D
Acq: 21 Feb 2020 14:12

Tgt Ion	Ratio	Lower	Upper
84	100		
49	114.1	92.2	138.2
51	36.5	29.7	44.5
86	65.3	49.0	73.6





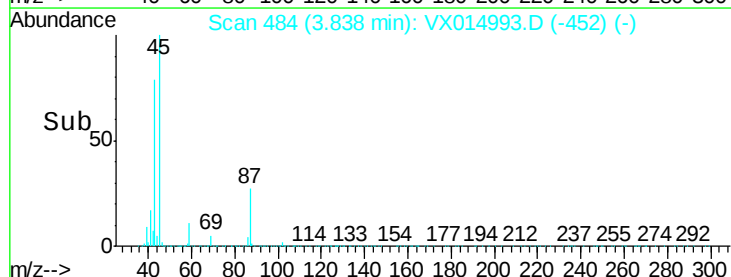
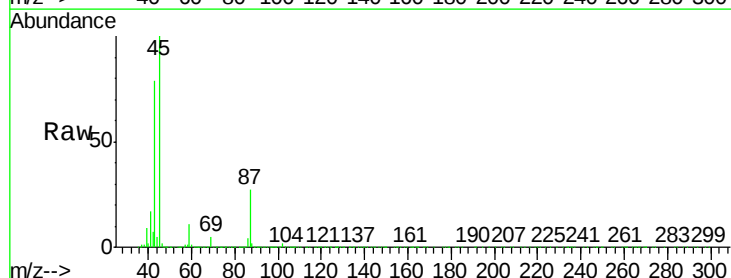
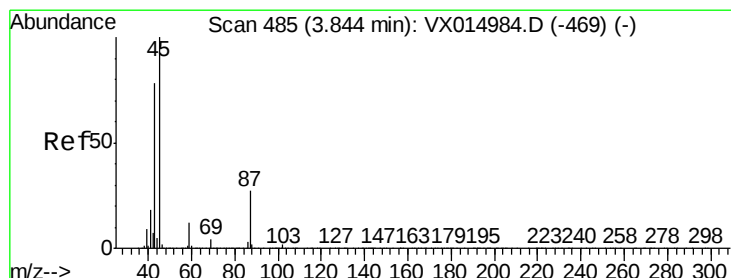
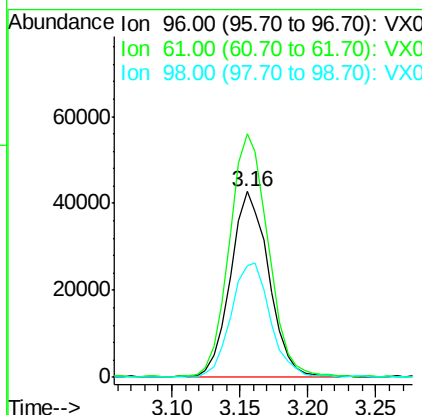
#19
trans-1,2-Dichloroethene
Concen: 19.181 ug/l
RT: 3.16 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX014993.D
Acq: 21 Feb 2020 14:12

Tot Ion	Ratio	Lower	Upper
96	100		
61	130.8	107.1	160.7
98	60.1	51.4	77.2

Instrument :
MSVOA_X
ClientSampleId :
VX0221WBSD01

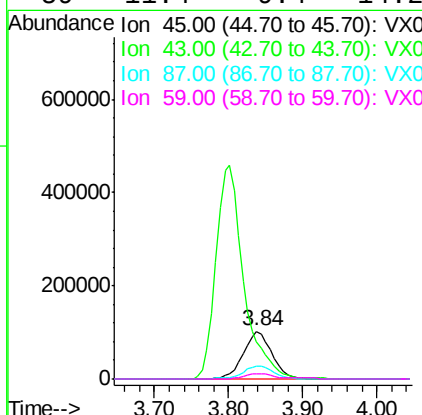
Manual Integrations
APPROVED

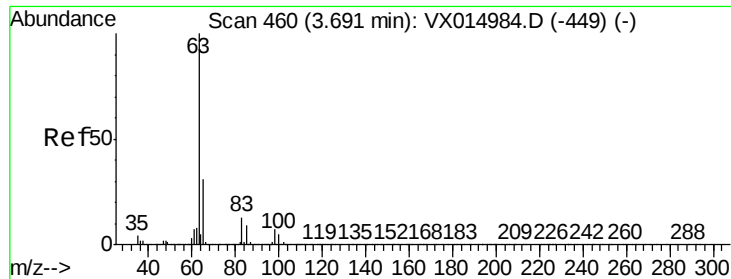
MMDadoda
2/24/2020 11:29:19 AM



#20
Diisopropyl ether
Concen: 19.491 ug/l
RT: 3.84 min Scan# 484
Delta R.T. -0.01 min
Lab File: VX014993.D
Acq: 21 Feb 2020 14:12

Tgt Ion	Ratio	Lower	Upper
45	100		
43	78.4	62.3	93.5
87	26.7	21.8	32.6
59	11.4	9.4	14.2





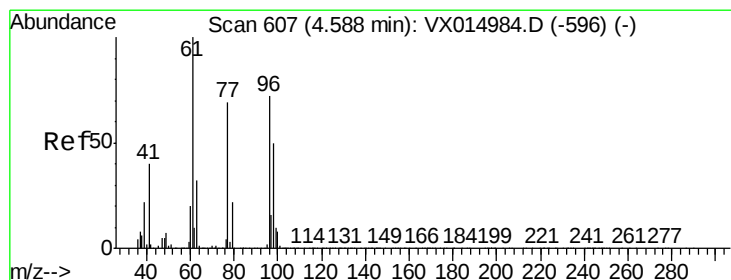
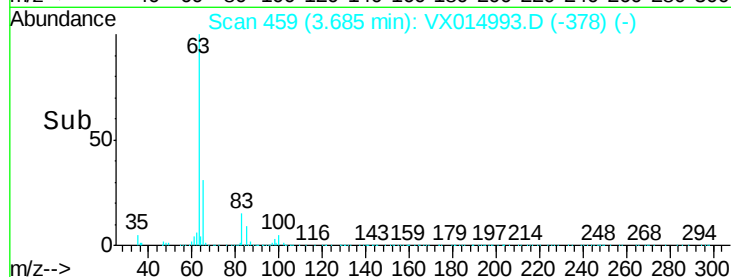
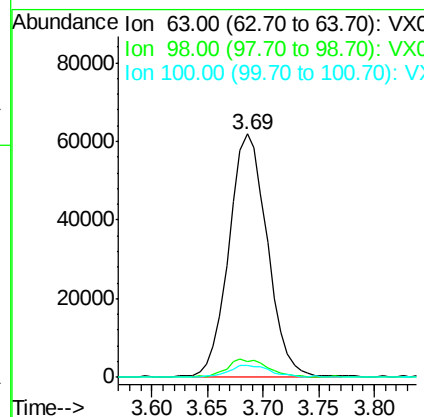
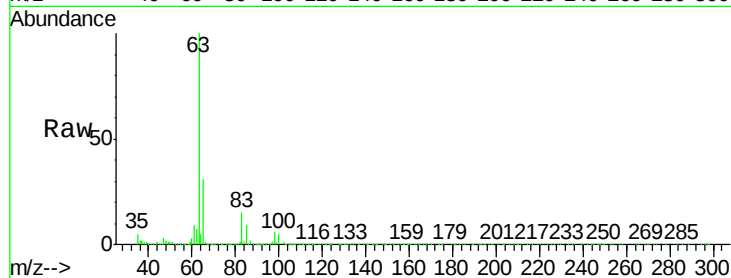
#21
1,1-Dichloroethane
Concen: 18.923 ug/l
RT: 3.69 min Scan# 459
Delta R.T. -0.01 min
Lab File: VX014993.D
Acq: 21 Feb 2020 14:12

Instrument :
MSVOA_X
ClientSampleId :
VX0221WBSD01

Tot Ion:	63	Resp:	146863
Ion Ratio	Lower	Upper	
63	100		
98	6.3	3.5	10.5
100	4.7	2.5	7.5

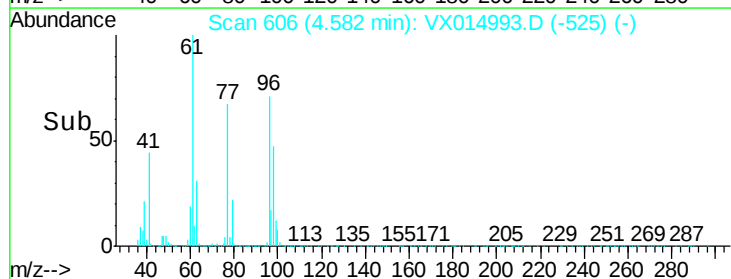
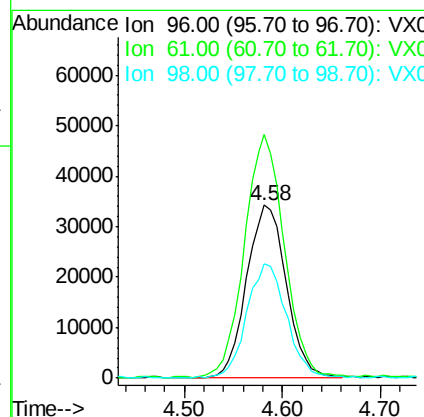
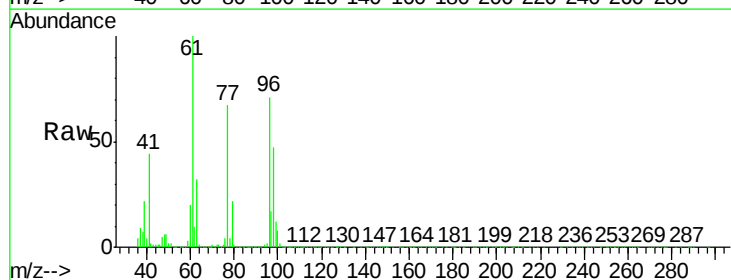
Manual Integrations
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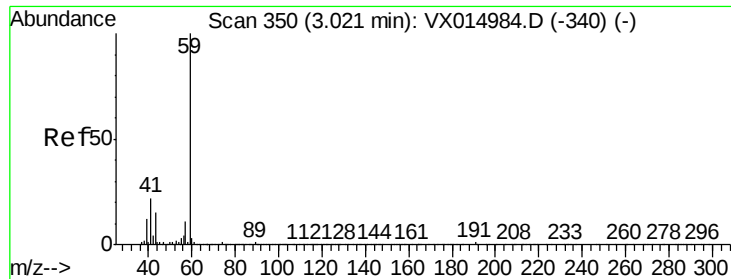
MMDadoda
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#22
cis-1,2-Dichloroethene
Concen: 19.296 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX014993.D
Acq: 21 Feb 2020 14:12

Tgt Ion:	96	Resp:	96653
Ion Ratio	Lower	Upper	
96	100		
61	141.4	110.6	165.8
98	65.7	50.4	75.6





#23

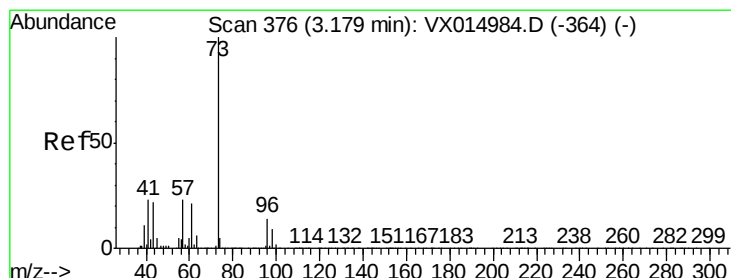
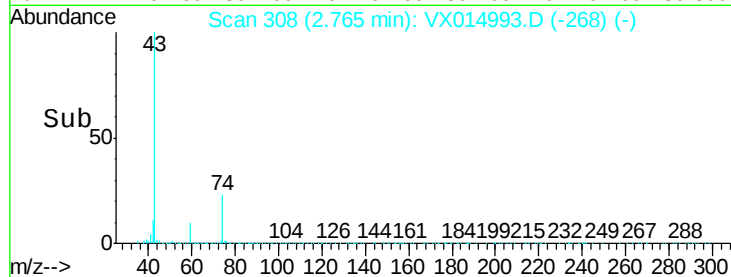
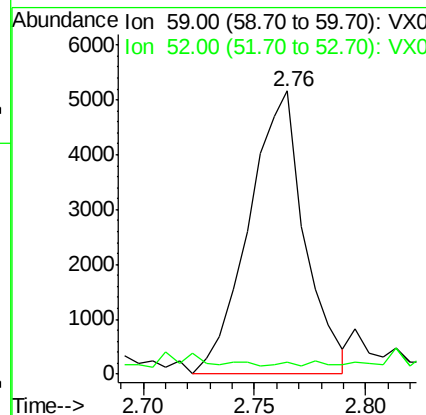
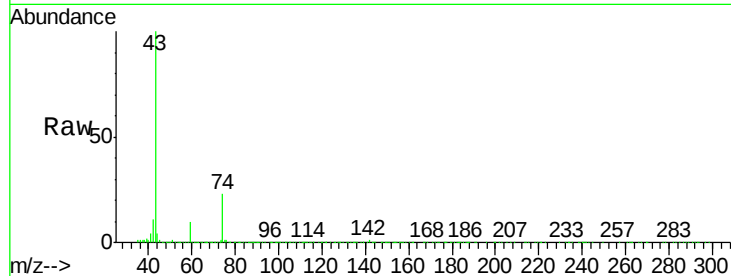
tert-Butyl Alcohol
 Concen: 10.136 ug/l
 RT: 2.76 min Scan# 308
 Delta R.T. -0.26 min
 Lab File: VX014993.D
 Acq: 21 Feb 2020 14:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0221WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.4	0.4	0.6

Manual Integrations
 APPROVED

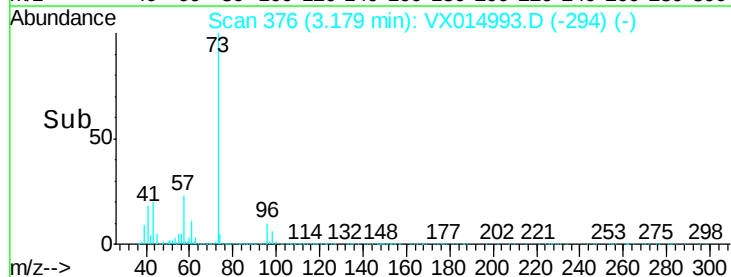
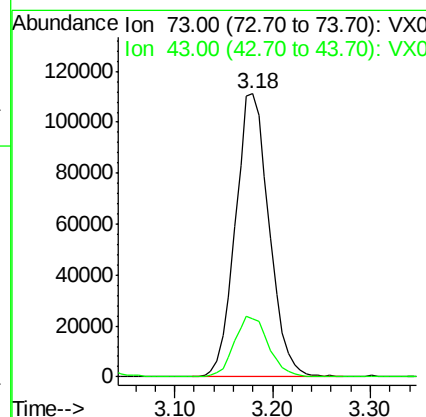
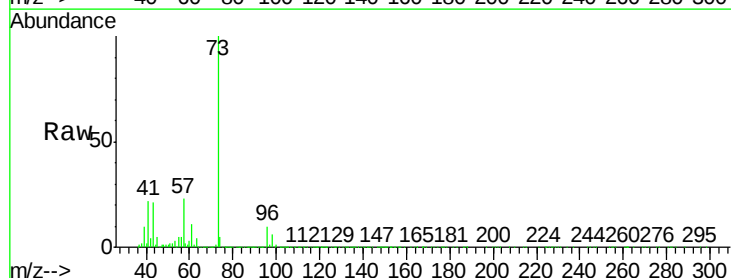
MMDadoda
 2/24/2020 11:29:19 AM

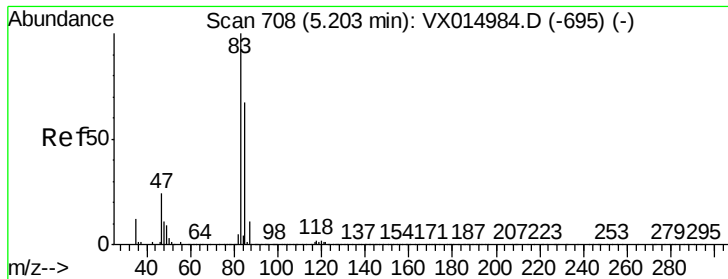


#24

Methyl tert-Butyl Ether
 Concen: 20.009 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. 0.00 min
 Lab File: VX014993.D
 Acq: 21 Feb 2020 14:12

Tgt Ion	Ratio	Lower	Upper
73	100		
43	21.5	17.7	26.5





#25

Chloroform

Concen: 19.177 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.01 min

Lab File: VX014993.D

Acq: 21 Feb 2020 14:12

Instrument :

MSVOA_X

ClientSampleId :

VX0221WBSD01

Tot Ion: 83 Resp: 150087

Ion Ratio Lower Upper

83 100

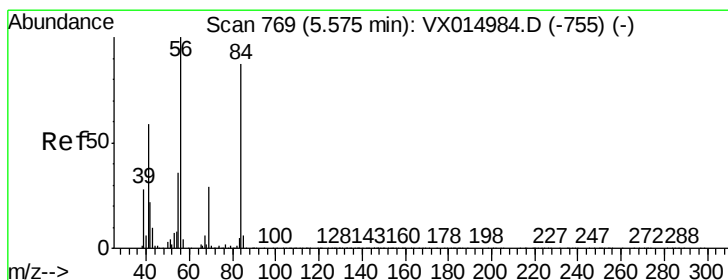
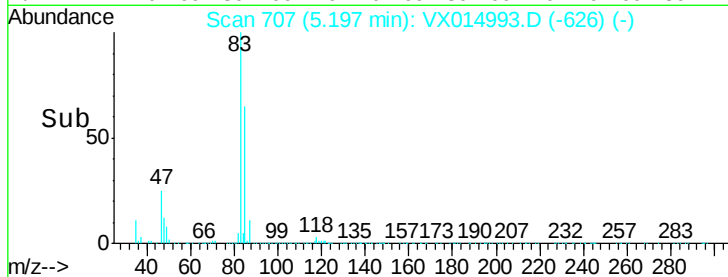
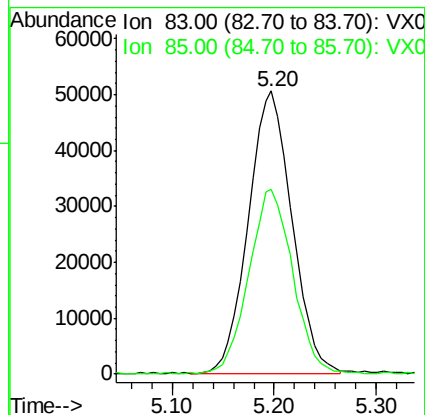
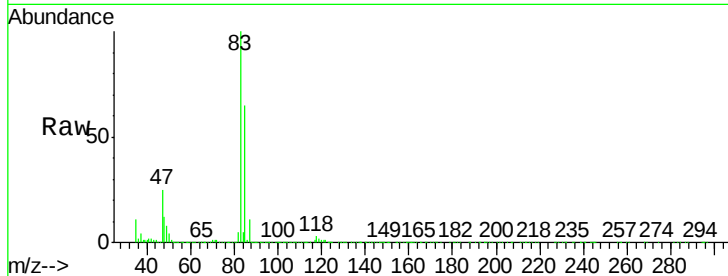
85 64.7 53.4 80.0

Manual Integrations

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MMDadoda

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#26

Cyclohexane

Concen: 19.083 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.01 min

Lab File: VX014993.D

Acq: 21 Feb 2020 14:12

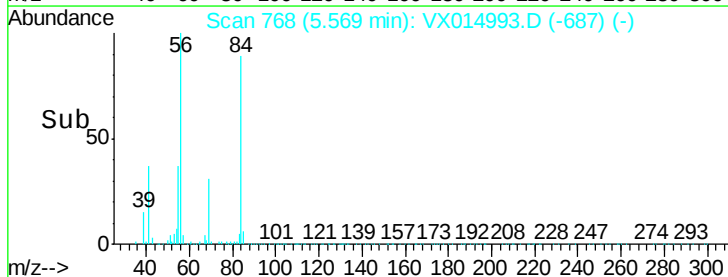
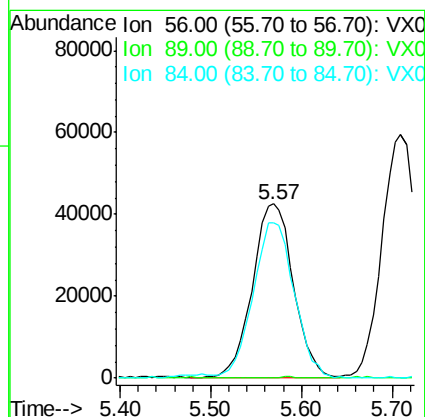
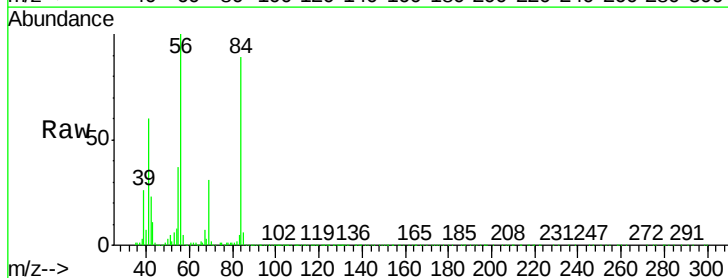
Tgt Ion: 56 Resp: 132364

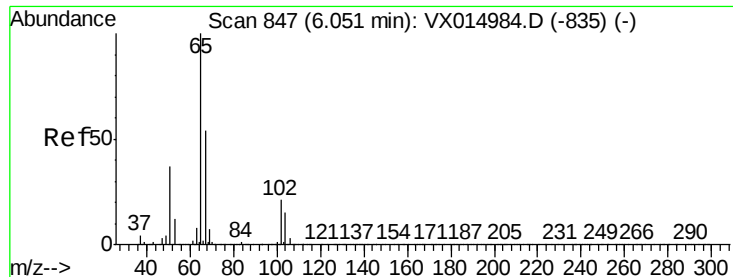
Ion Ratio Lower Upper

56 100

89 0.2 0.2 0.2

84 89.1 71.8 107.8





#27

1,2-Dichloroethane-d4

Concen: 28.927 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014993.D

Acq: 21 Feb 2020 14:12

Instrument :

MSVOA_X

ClientSampleId :

VX0221WBSD01

Tot Ion: 65 Resp: 152487

Ion Ratio Lower Upper

65 100

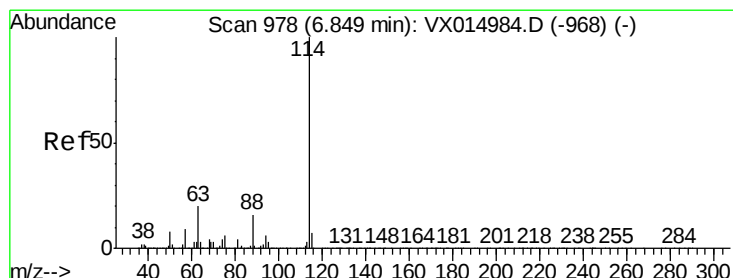
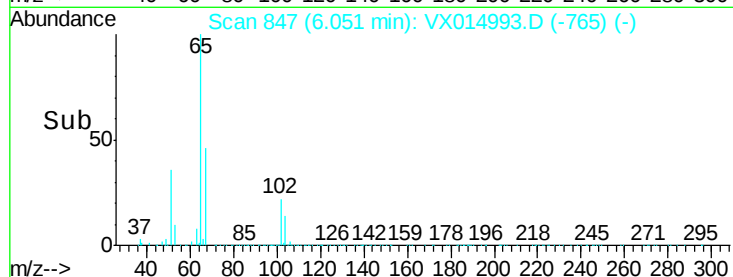
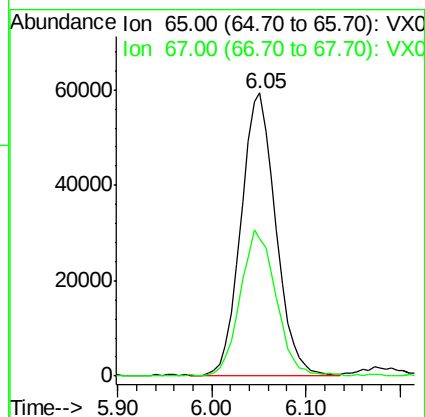
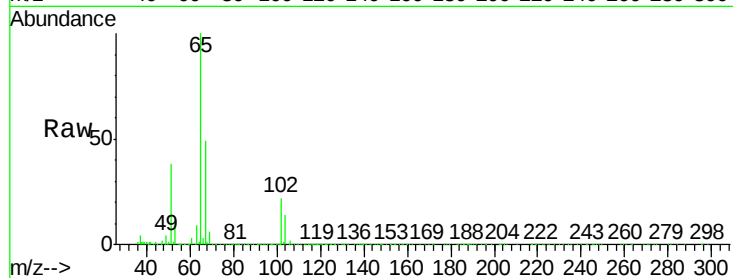
67 52.3 41.9 62.9

Manual Integrations

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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: VX014993.D

Acq: 21 Feb 2020 14:12

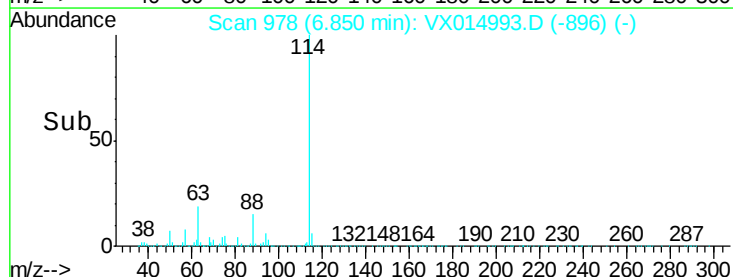
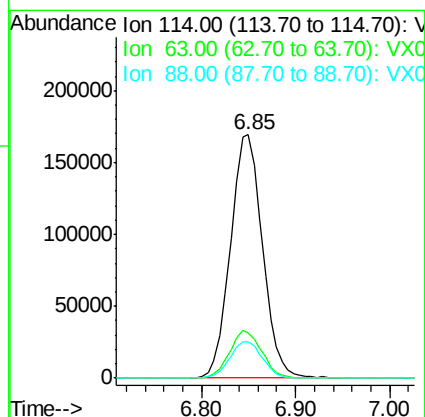
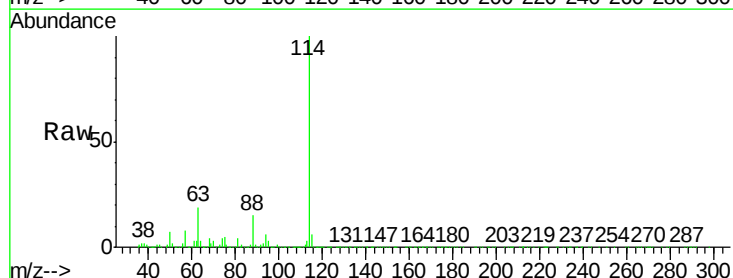
Tgt Ion: 114 Resp: 398033

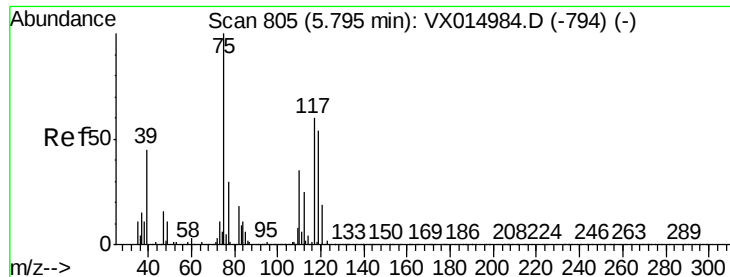
Ion Ratio Lower Upper

114 100

63 19.7 15.6 23.4

88 15.2 12.2 18.2





#29

1,1-Dichloropropene

Concen: 20.176 ug/l

RT: 5.79 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX014993.D

Acq: 21 Feb 2020 14:12

Instrument :

MSVOA_X

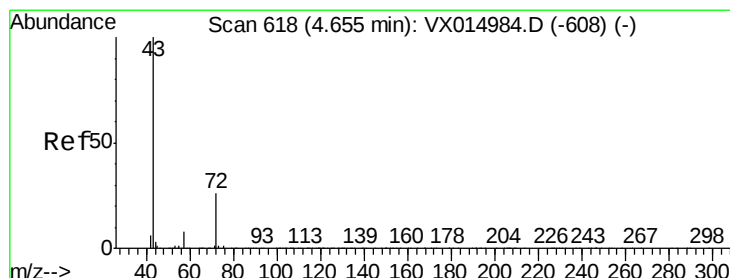
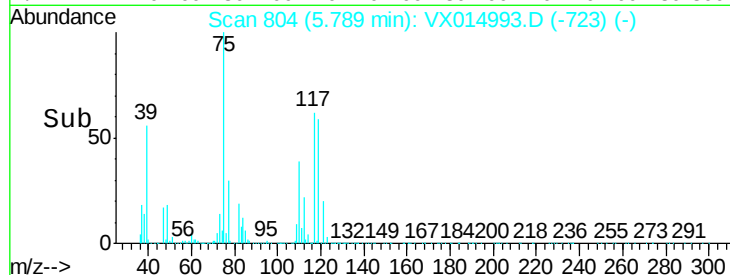
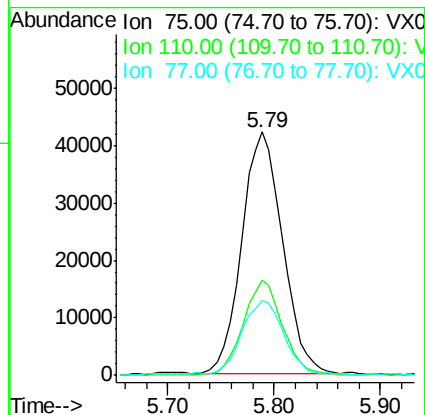
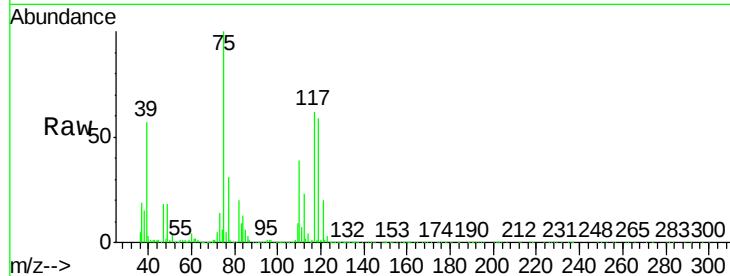
ClientSampleId :

VX0221WBSD01

Tot Ion:	75	Resp:	113590
Ion Ratio	Lower	Upper	
75	100		
110	37.9	0.0	75.0
77	31.6	0.0	64.0

Manual Integrations
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#30

2-Butanone

Concen: 97.780 ug/l

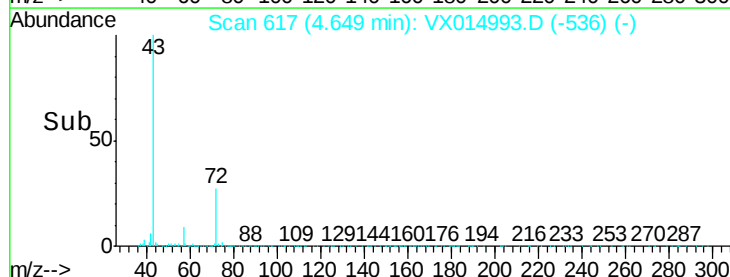
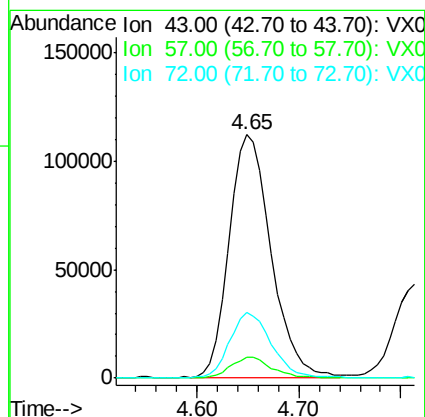
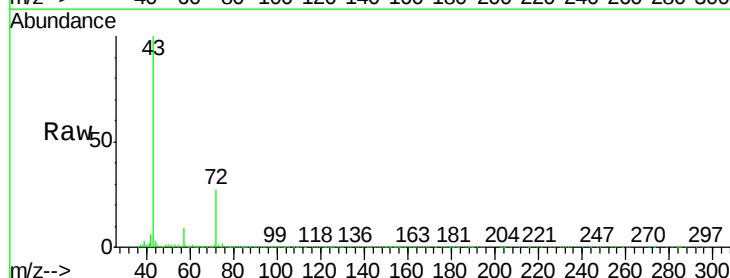
RT: 4.65 min Scan# 617

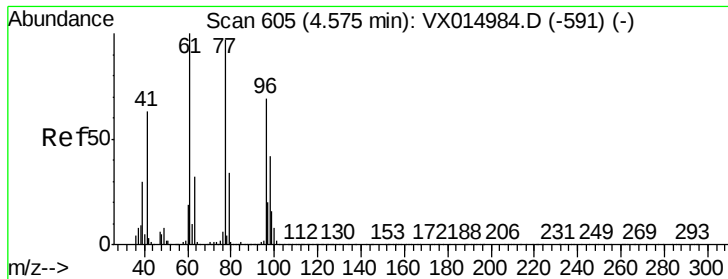
Delta R.T. -0.01 min

Lab File: VX014993.D

Acq: 21 Feb 2020 14:12

Tgt Ion:	43	Resp:	317749
Ion Ratio	Lower	Upper	
43	100		
57	8.2	6.5	9.7
72	25.9	20.3	30.5





#31

2,2-Dichloropropane

Concen: 19.107 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014993.D

Acq: 21 Feb 2020 14:12

Instrument :

MSVOA_X

ClientSampleId :

VX0221WBSD01

Tot Ion: 77 Resp: 118122

Ion Ratio Lower Upper

77 100

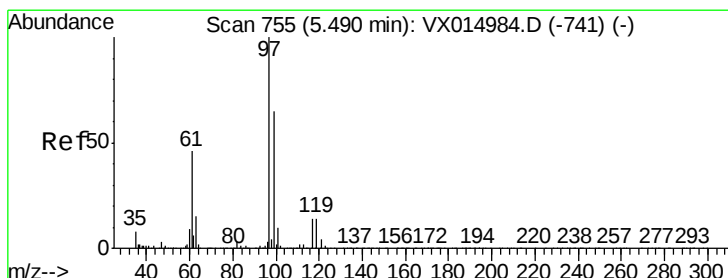
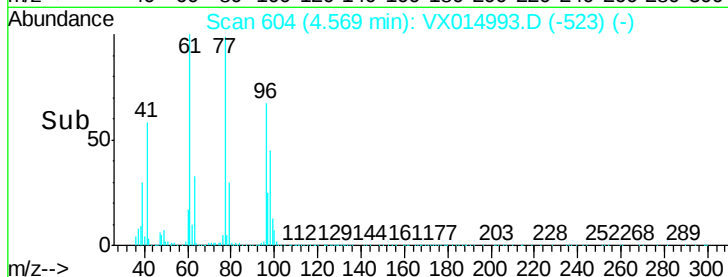
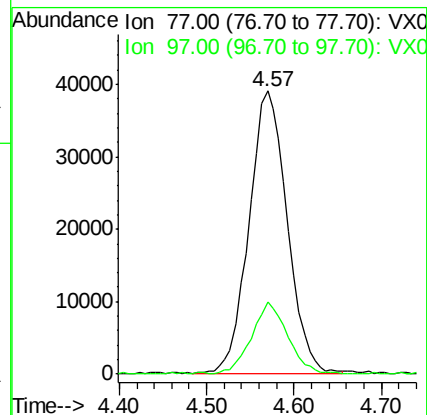
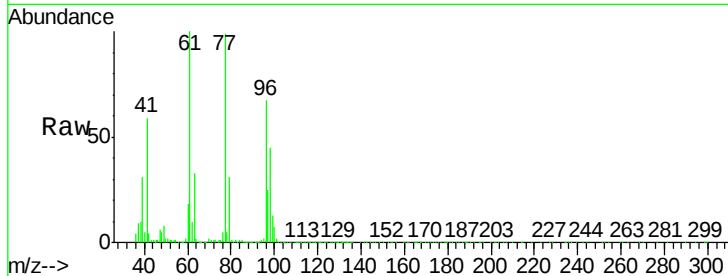
97 23.5 18.4 27.6

Manual Integrations

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#32

1,1,1-Trichloroethane

Concen: 19.758 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX014993.D

Acq: 21 Feb 2020 14:12

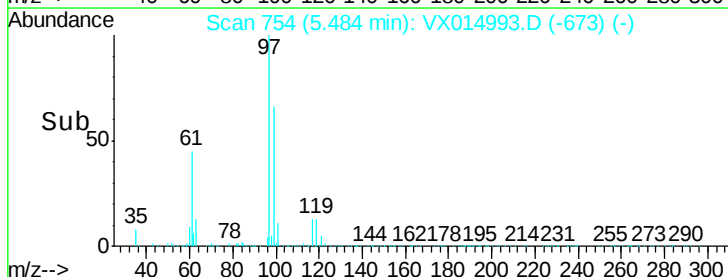
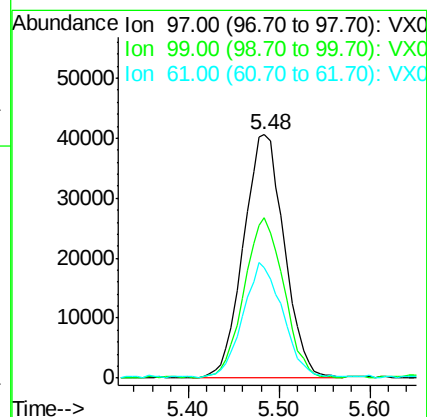
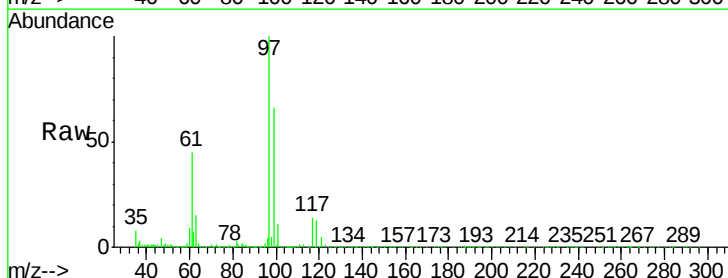
Tgt Ion: 97 Resp: 126322

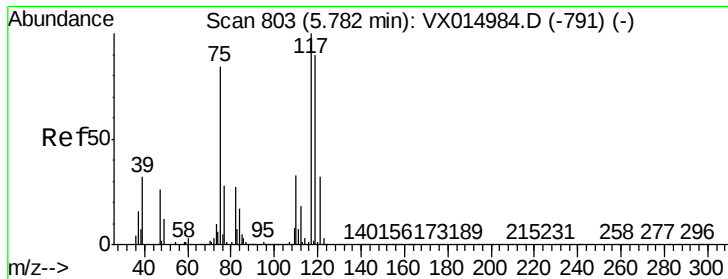
Ion Ratio Lower Upper

97 100

99 63.6 53.0 79.6

61 45.1 36.2 54.2





#33

Carbon Tetrachloride

Concen: 19.369 ug/l

RT: 5.78 min Scan# 802

Delta R.T. -0.01 min

Lab File: VX014993.D

Acq: 21 Feb 2020 14:12

Instrument :

MSVOA_X

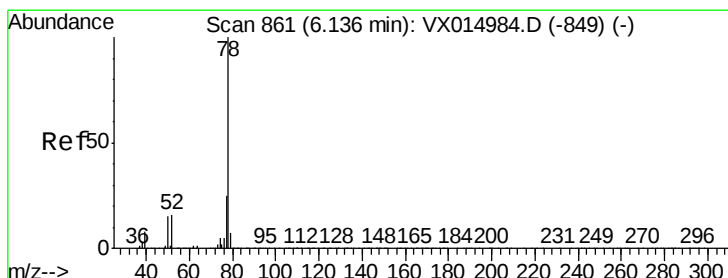
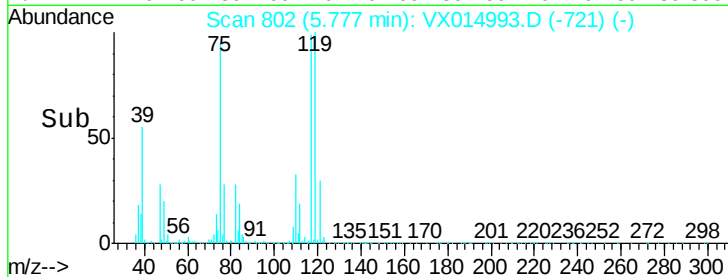
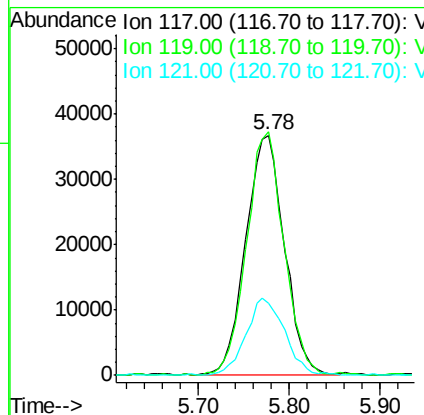
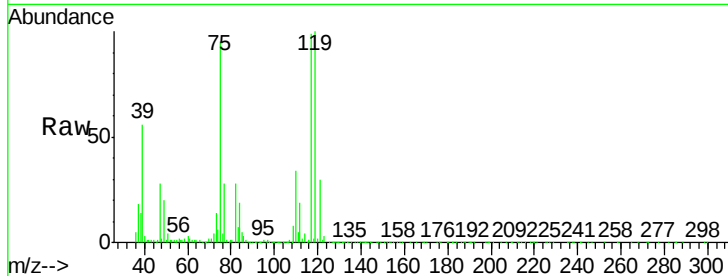
ClientSampleId :

VX0221WBSD01

Tot Ion:	117	Resp:	108402
Ion Ratio	Lower	Upper	
117	100		
119	101.1	71.9	107.9
121	30.0	25.4	38.2

Manual Integrations
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#34

Benzene

Concen: 20.064 ug/l

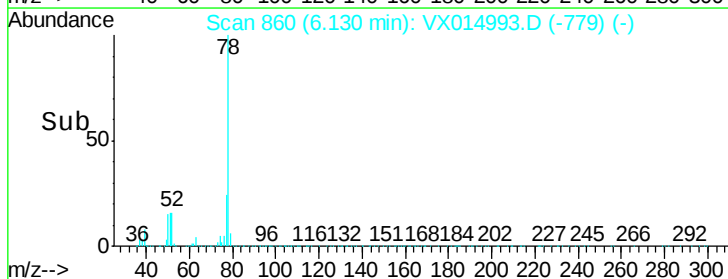
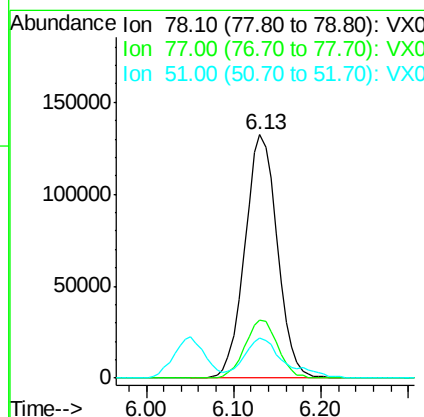
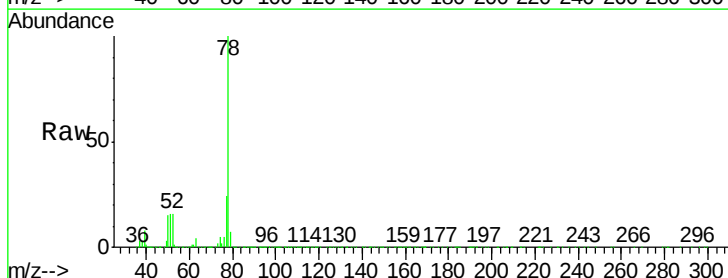
RT: 6.13 min Scan# 860

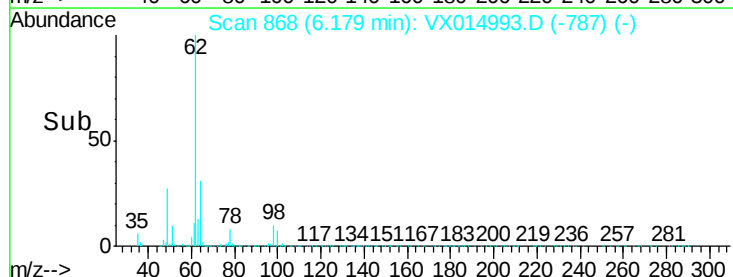
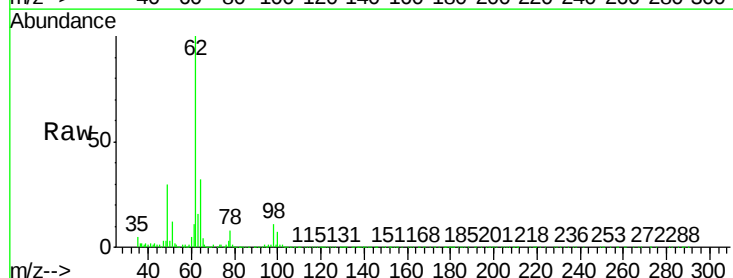
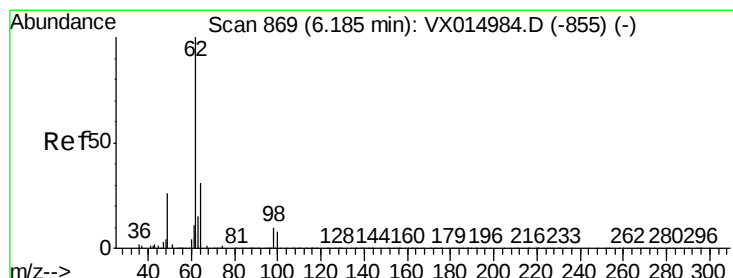
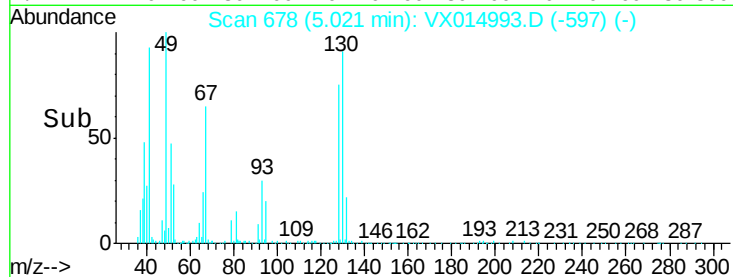
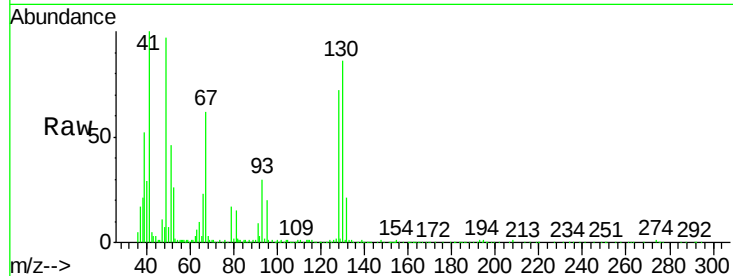
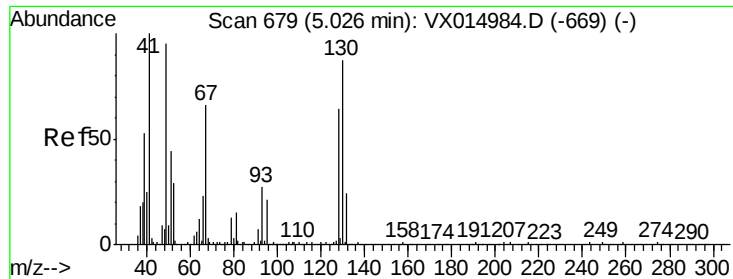
Delta R.T. -0.01 min

Lab File: VX014993.D

Acq: 21 Feb 2020 14:12

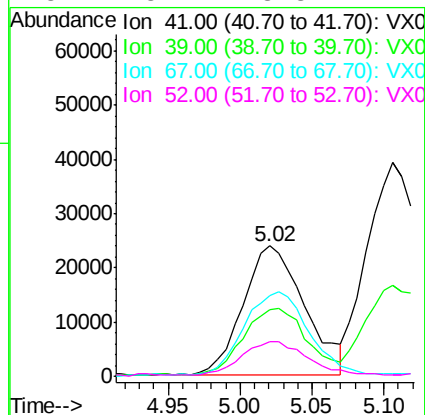
Tgt Ion:	78	Resp:	340847
Ion Ratio	Lower	Upper	
78	100		
77	24.0	20.0	30.0
51	15.9	13.3	19.9





#35
Methacrylonitrile
Concen: 21.082 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX014993.D
Acq: 21 Feb 2020 14:12

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	51.0	25.9	77.7	
67	61.8	32.7	98.1	
52	25.2	13.8	41.4	



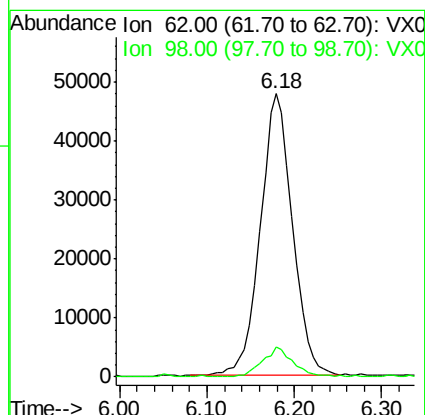
Instrument :
MSVOA_X
ClientSampleId :
VX0221WBSD01

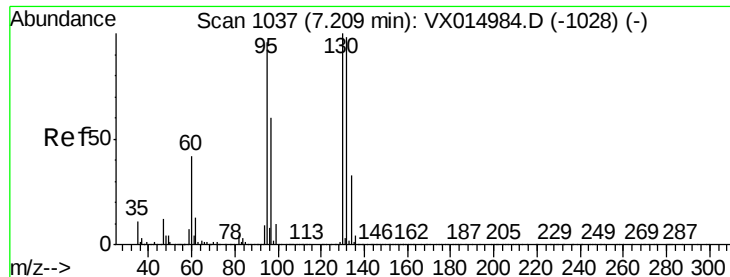
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#36
1,2-Dichloroethane
Concen: 20.392 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014993.D
Acq: 21 Feb 2020 14:12

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.6	7.5	11.3	





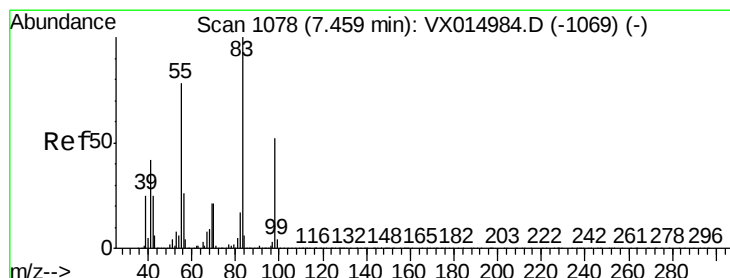
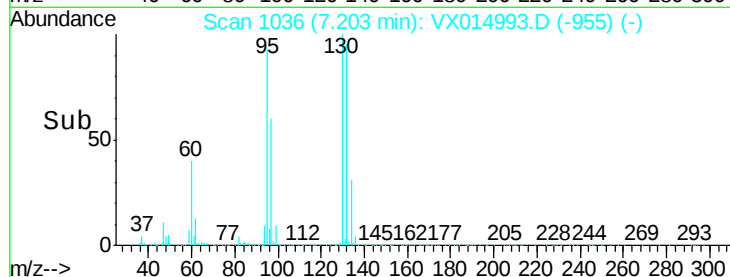
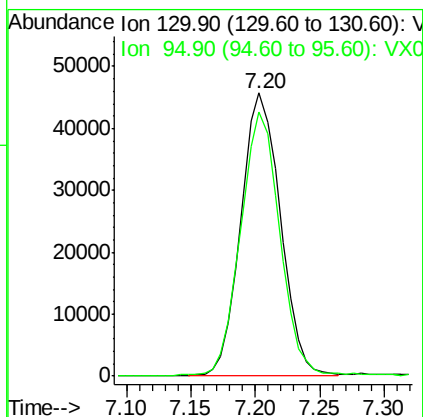
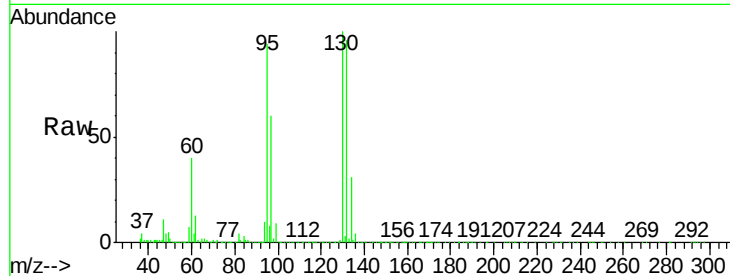
#37
 Trichloroethene
 Concen: 20.467 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX014993.D
 Acq: 21 Feb 2020 14:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0221WBSD01

Tot Ion:130 Resp: 97625
 Ion Ratio Lower Upper
 130 100
 95 93.0 77.1 115.7

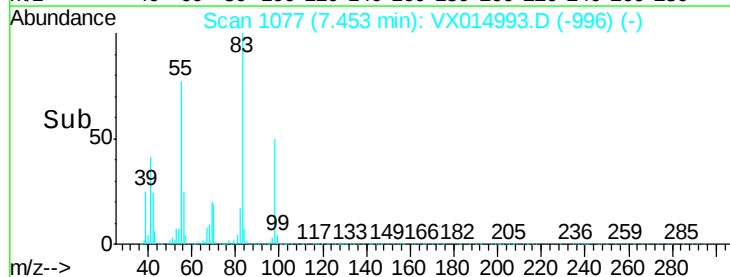
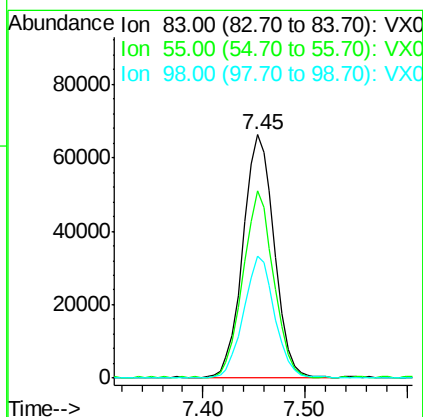
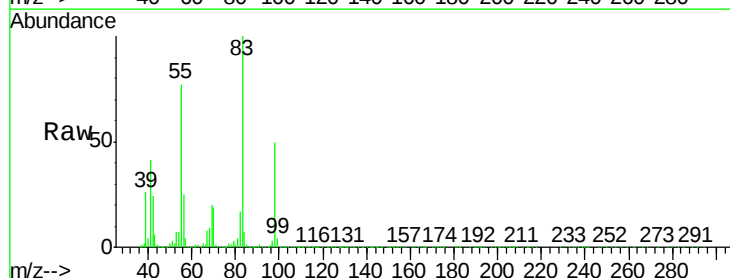
Manual Integrations
 APPROVED

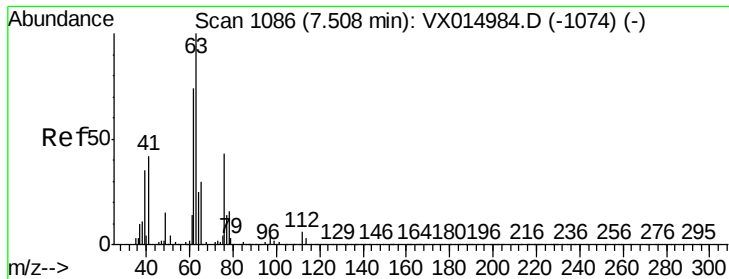
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#38
 Methylcyclohexane
 Concen: 20.236 ug/l
 RT: 7.45 min Scan# 1077
 Delta R.T. -0.01 min
 Lab File: VX014993.D
 Acq: 21 Feb 2020 14:12

Tgt Ion: 83 Resp: 141212
 Ion Ratio Lower Upper
 83 100
 55 75.3 38.2 114.6
 98 48.7 25.3 75.8





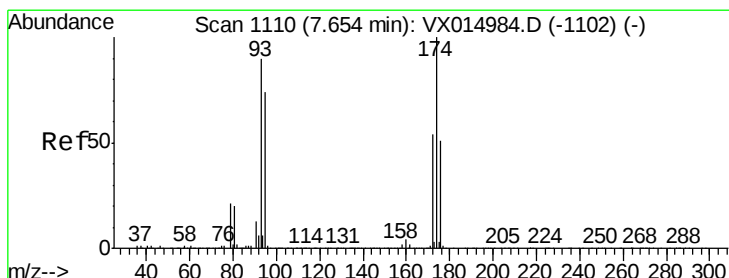
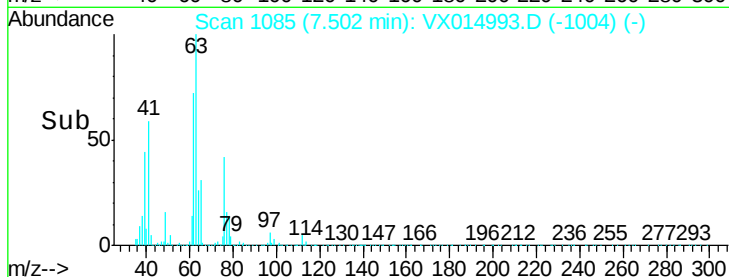
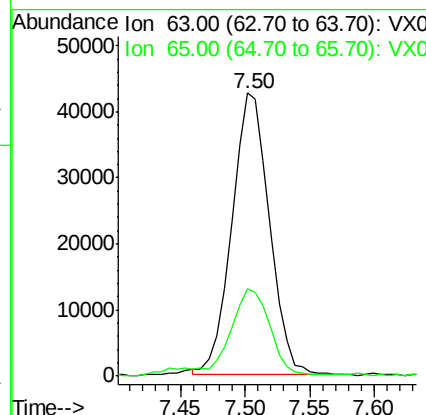
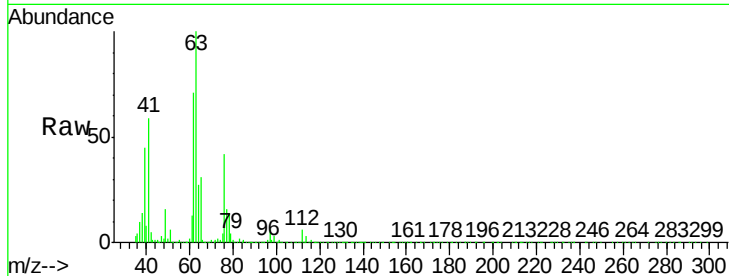
#39
 1,2-Dichloropropane
 Concen: 19.747 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX014993.D
 Acq: 21 Feb 2020 14:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0221WBSD01

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.3	24.6	36.8

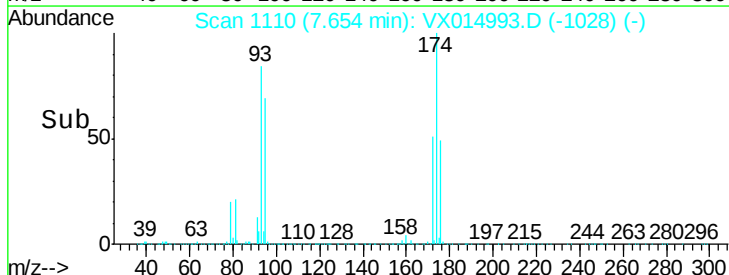
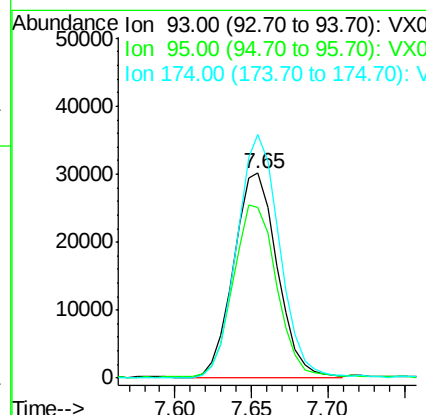
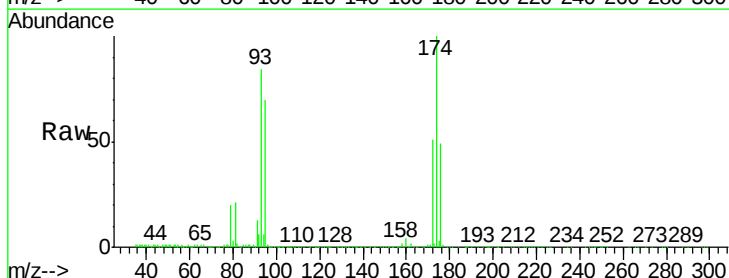
Manual Integrations
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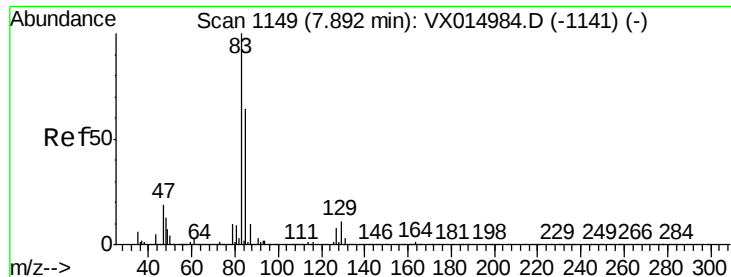
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#40
 Dibromomethane
 Concen: 20.474 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX014993.D
 Acq: 21 Feb 2020 14:12

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.7	0.0	164.6
174	116.6	0.0	226.4





#41

Bromodichloromethane

Concen: 20.330 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014993.D

Acq: 21 Feb 2020 14:12

Instrument :

MSVOA_X

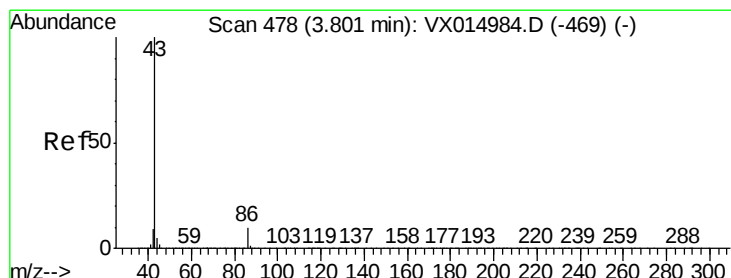
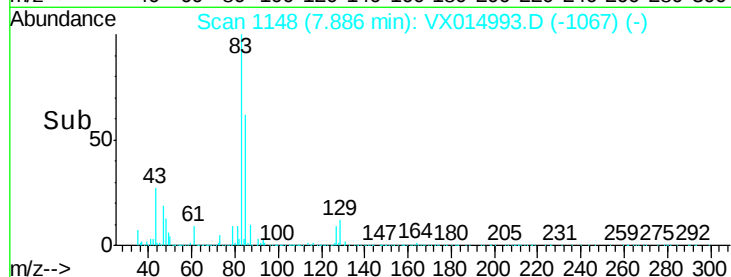
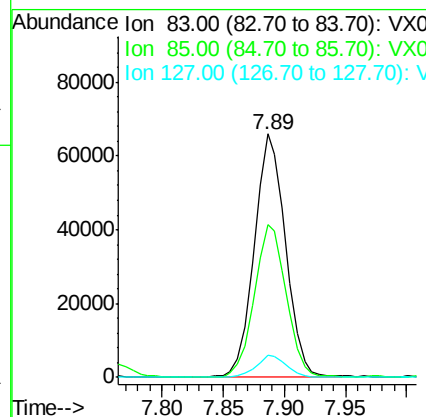
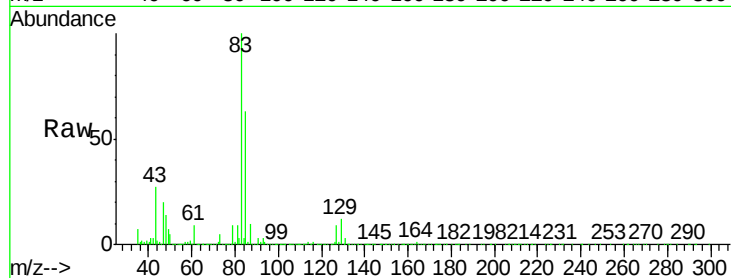
ClientSampleId :

VX0221WBSD01

Tot Ion:	83	Resp:	117264
Ion Ratio	Lower	Upper	
83	100		
85	62.4	51.0	76.4
127	9.0	6.6	10.0

Manual Integrations
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#42

Vinyl Acetate

Concen: 103.557 ug/l

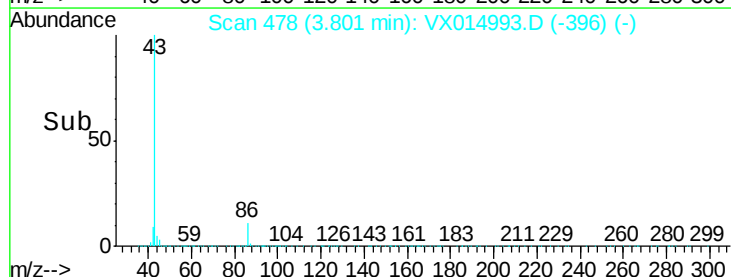
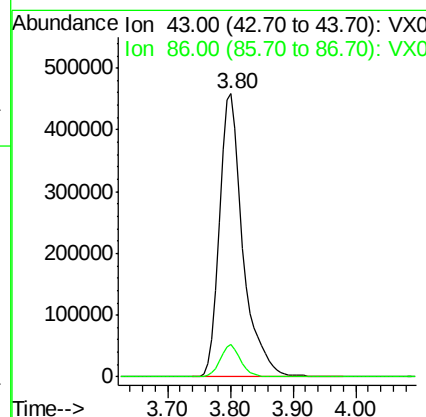
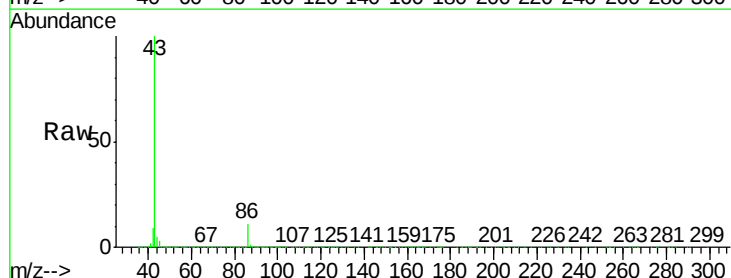
RT: 3.80 min Scan# 478

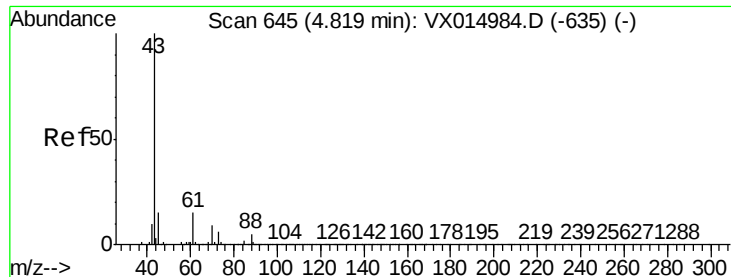
Delta R.T. 0.00 min

Lab File: VX014993.D

Acq: 21 Feb 2020 14:12

Tgt Ion:	43	Resp:	1184490
Ion Ratio	Lower	Upper	
43	100		
86	9.7	7.6	11.4





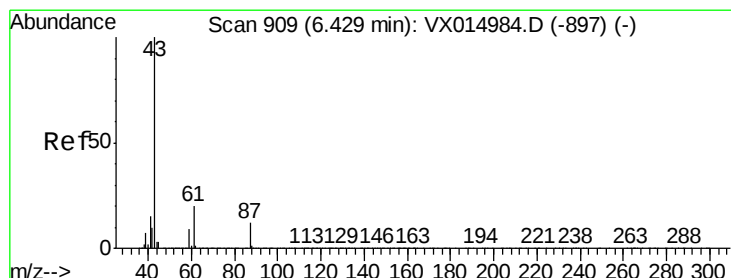
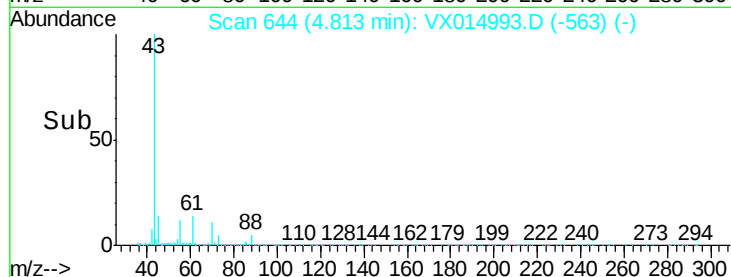
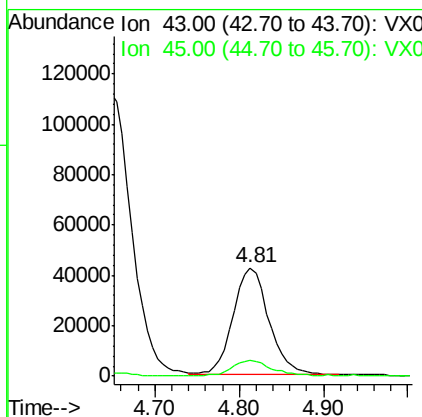
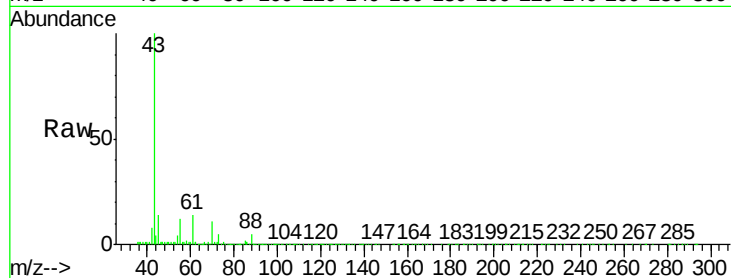
#43
Ethyl Acetate
Concen: 20.931 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014993.D
Acq: 21 Feb 2020 14:12

Instrument :
MSVOA_X
ClientSampleId :
VX0221WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
45	15.3	10.8	16.2

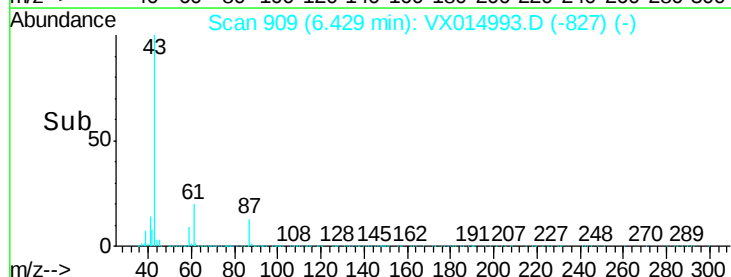
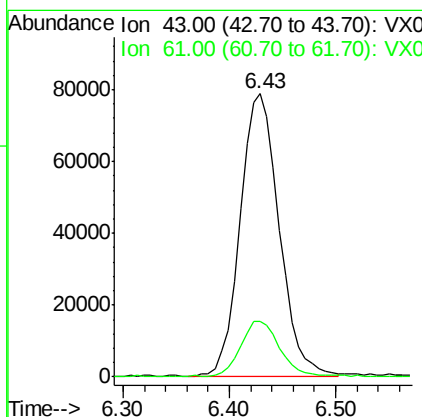
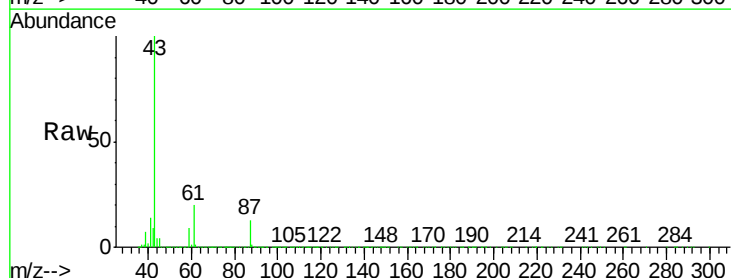
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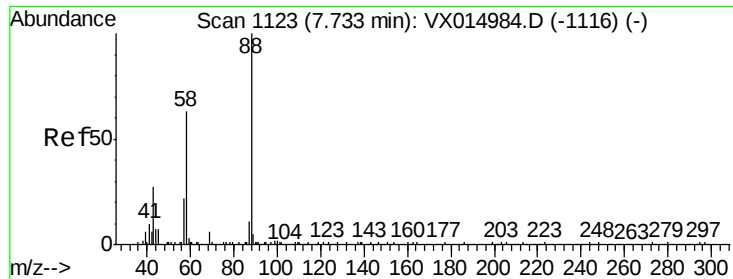
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#44
Isopropyl Acetate
Concen: 20.363 ug/l
RT: 6.43 min Scan# 909
Delta R.T. 0.00 min
Lab File: VX014993.D
Acq: 21 Feb 2020 14:12

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.2	15.6	23.4





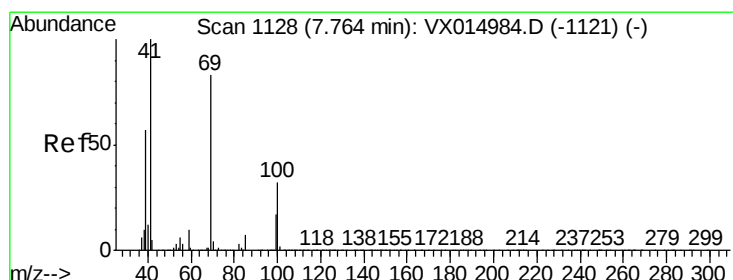
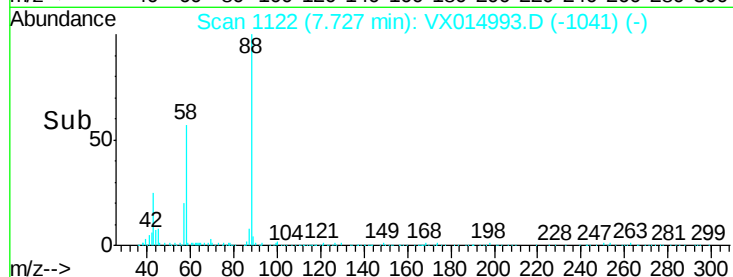
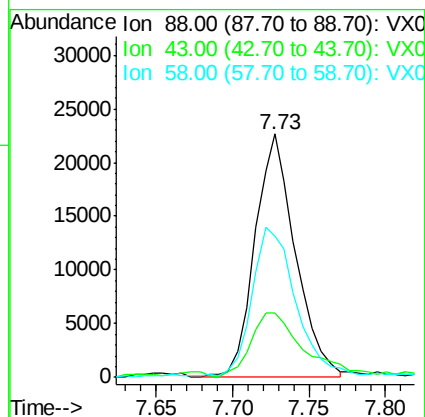
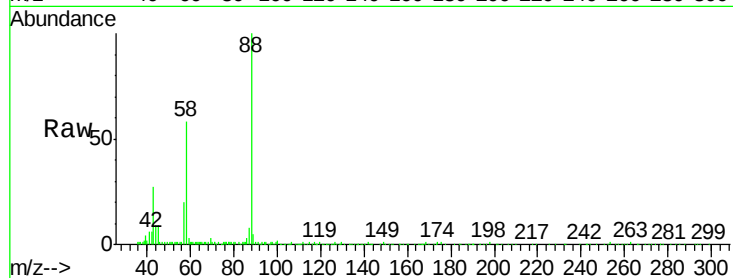
#45
1,4-Dioxane
Concen: 451.260 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX014993.D
Acq: 21 Feb 2020 14:12

Instrument :
MSVOA_X
ClientSampleId :
VX0221WBSD01

Tot Ion	88	Resp	41215
Ion Ratio	Lower	Upper	
88	100		
43	35.5	25.4	38.2
58	66.0	55.8	83.8

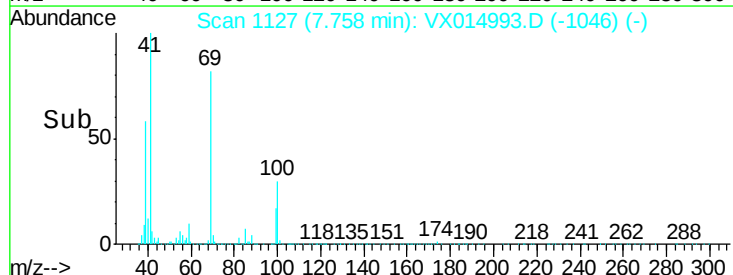
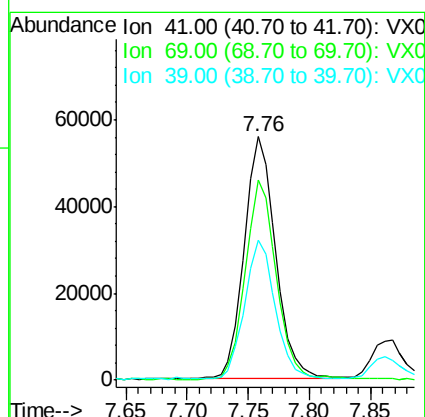
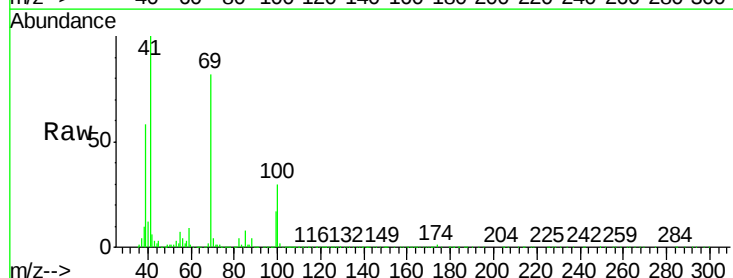
Manual Integrations
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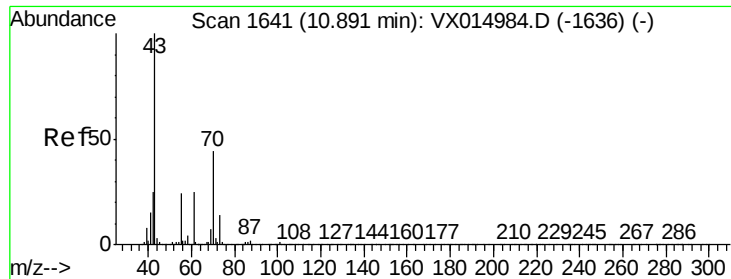
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#46
Methyl methacrylate
Concen: 20.467 ug/l
RT: 7.76 min Scan# 1127
Delta R.T. -0.01 min
Lab File: VX014993.D
Acq: 21 Feb 2020 14:12

Tgt Ion	41	Resp	100082
Ion Ratio	Lower	Upper	
41	100		
69	82.1	41.4	124.2
39	57.4	28.3	84.9





#47

n-amvl Acetate

Concen: 20.168 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014993.D

Acq: 21 Feb 2020 14:12

Instrument :

MSVOA_X

ClientSampleId :

VX0221WBSD01

Tot Ion: 43 Resp: 172700

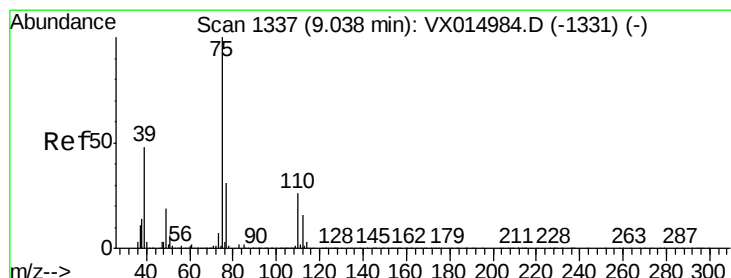
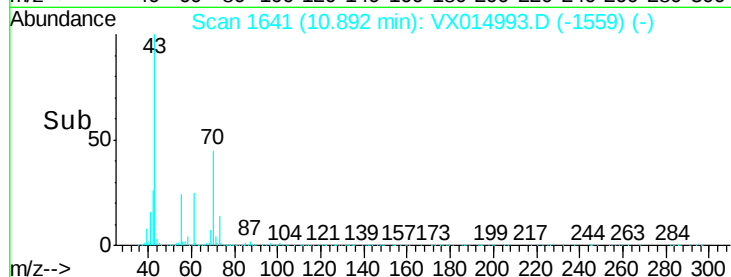
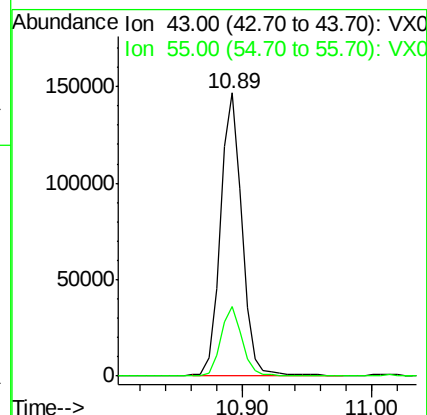
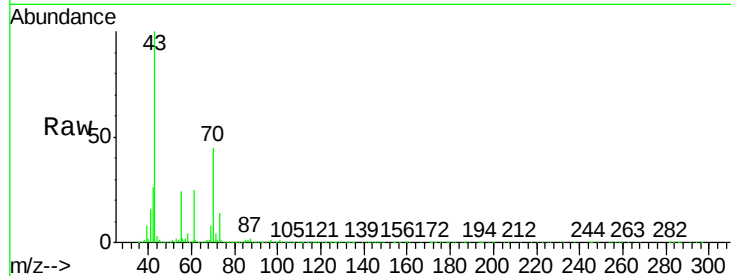
Ion Ratio Lower Upper

43 100

55 23.8 19.2 28.8

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#48

t-1,3-Dichloropropene

Concen: 20.290 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX014993.D

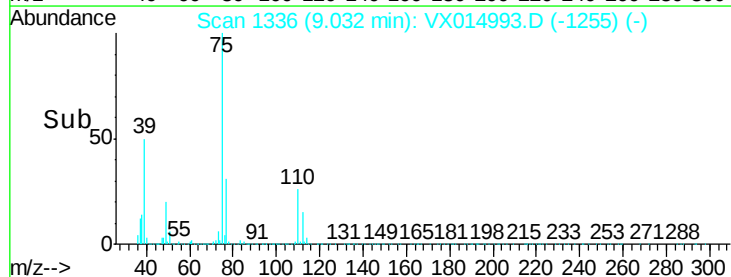
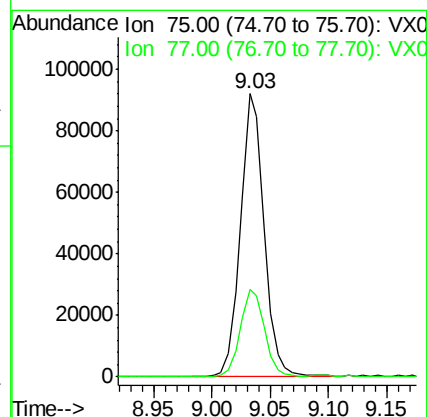
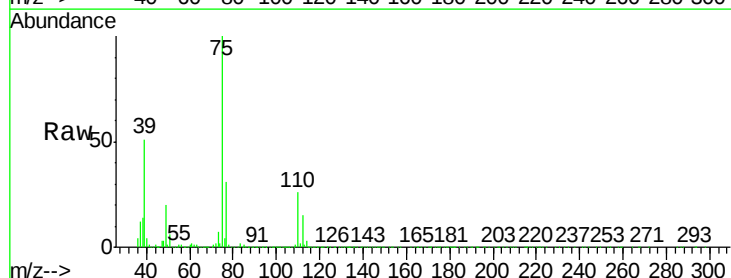
Acq: 21 Feb 2020 14:12

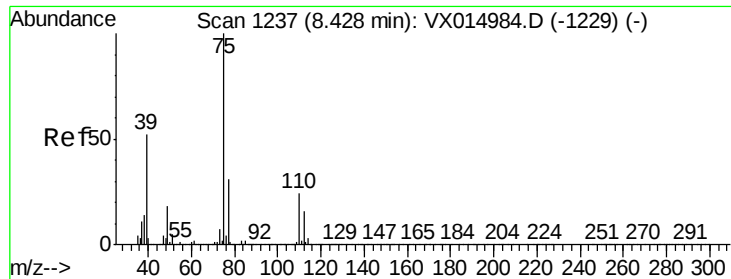
Tgt Ion: 75 Resp: 129844

Ion Ratio Lower Upper

75 100

77 30.9 24.6 36.8





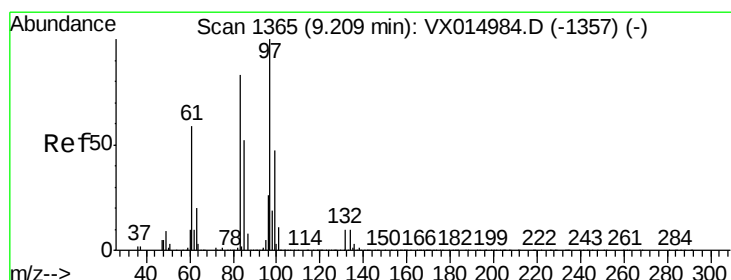
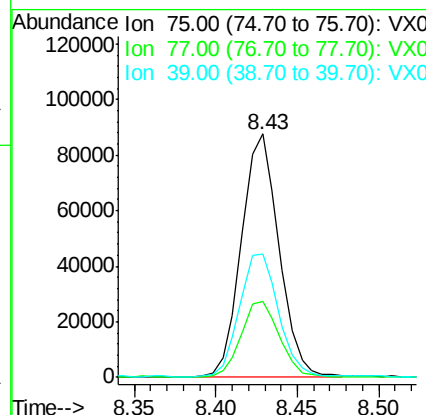
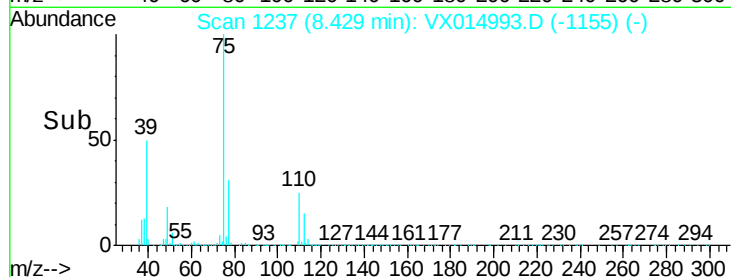
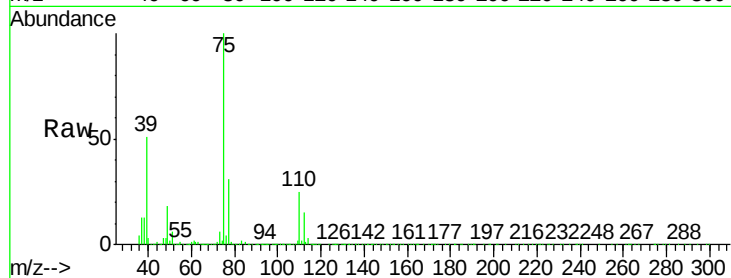
#49
 cis-1,3-Dichloropropene
 Concen: 19.953 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VX014993.D
 Acq: 21 Feb 2020 14:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0221WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.3	24.6	36.8
39	50.5	41.5	62.3

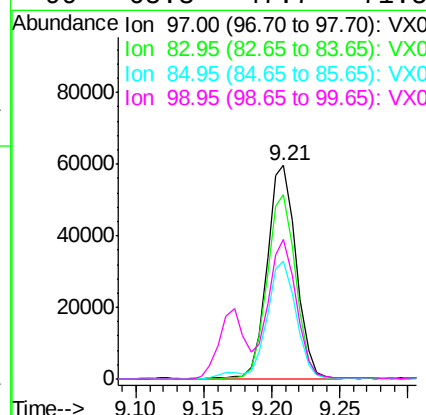
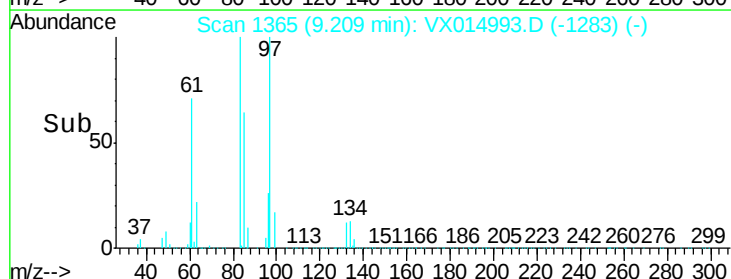
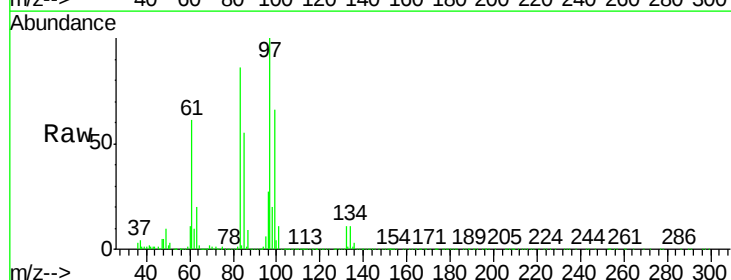
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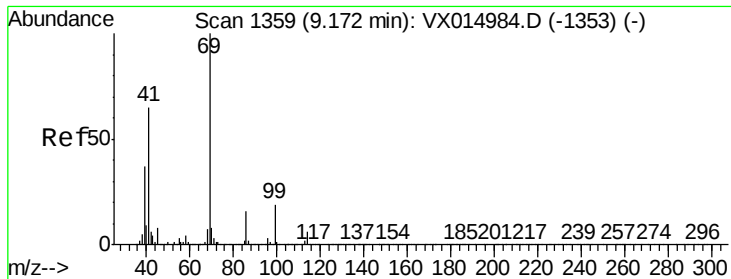
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#50
 1,1,2-Trichloroethane
 Concen: 20.683 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014993.D
 Acq: 21 Feb 2020 14:12

Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.7	66.2	99.2
85	54.8	42.4	63.6
99	65.3	47.7	71.5





#51

Ethyl methacrylate

Concen: 20.426 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX014993.D

Acq: 21 Feb 2020 14:12

Instrument :

MSVOA_X

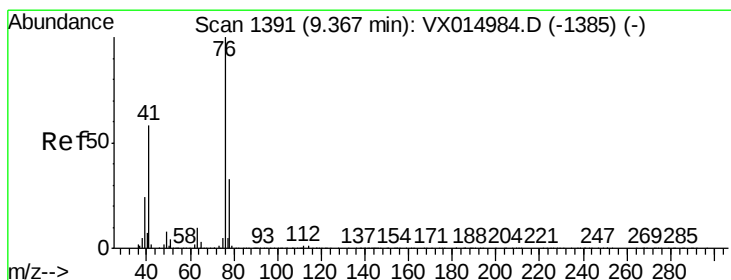
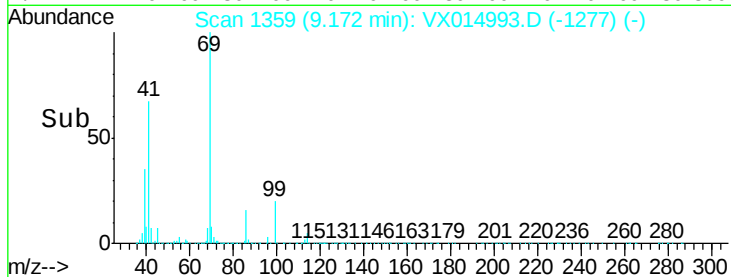
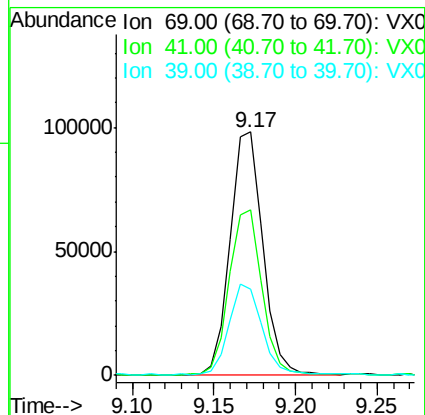
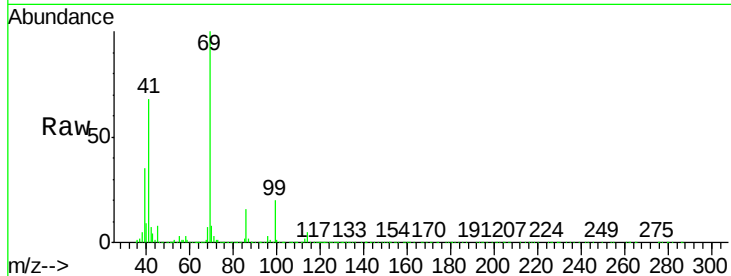
ClientSampleId :

VX0221WBSD01

Tot Ion:	69	Resp:	137144
Ion Ratio	Lower	Upper	
69	100		
41	67.4	32.7	98.1
39	35.0	18.2	54.6

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#52

1,3-Dichloropropane

Concen: 20.331 ug/l

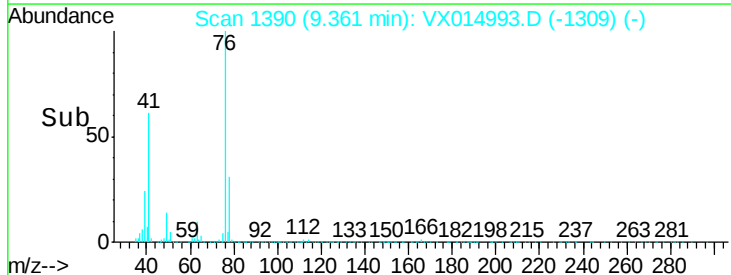
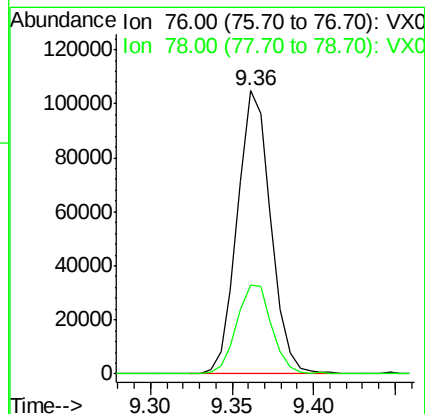
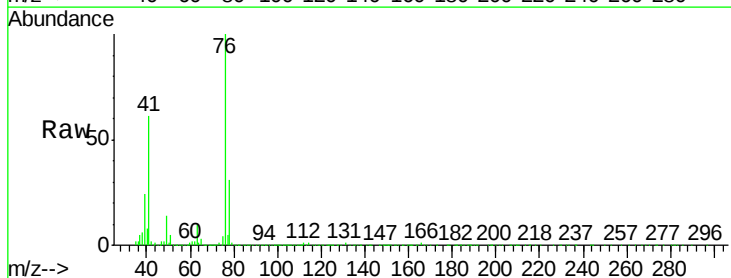
RT: 9.36 min Scan# 1390

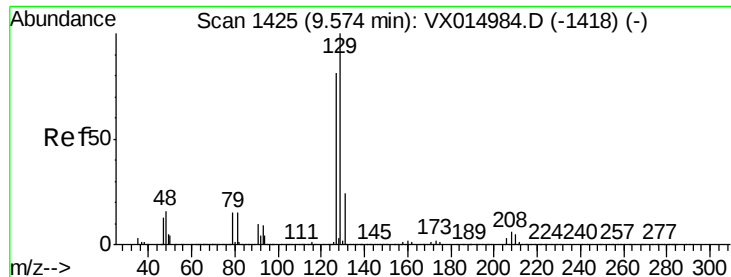
Delta R.T. -0.01 min

Lab File: VX014993.D

Acq: 21 Feb 2020 14:12

Tgt Ion:	76	Resp:	149616
Ion Ratio	Lower	Upper	
76	100		
78	32.9	0.0	65.0





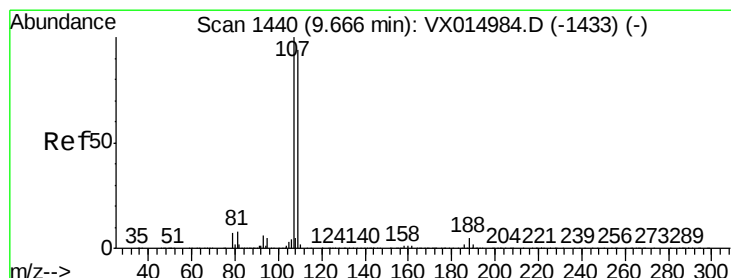
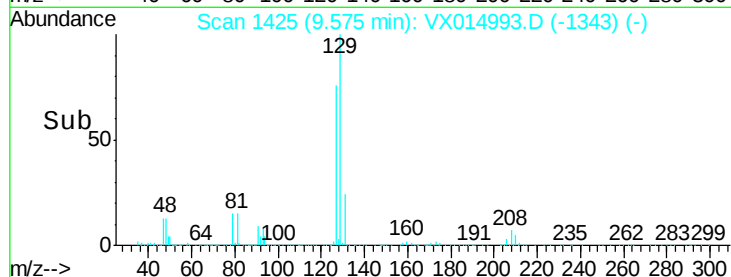
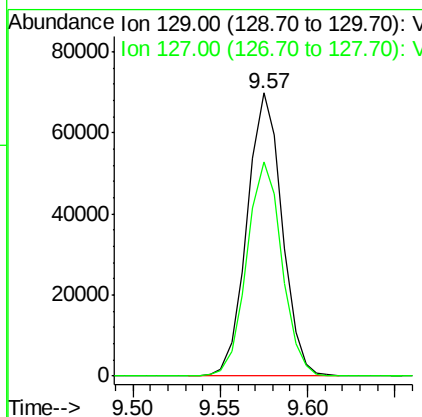
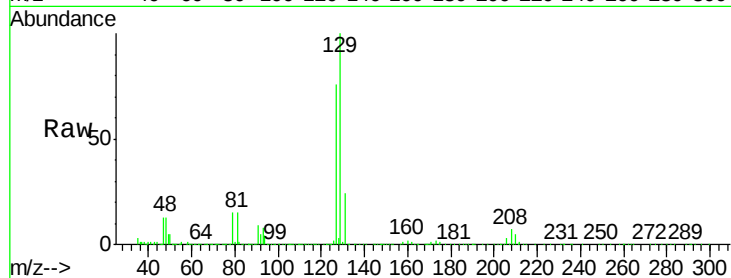
#53
 Dibromochloromethane
 Concen: 20.699 ug/l
 RT: 9.57 min Scan# 1425
 Delta R.T. 0.00 min
 Lab File: VX014993.D
 Acq: 21 Feb 2020 14:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0221WBSD01

Tot Ion:129 Resp: 97352
 Ion Ratio Lower Upper
 129 100
 127 75.3 38.3 114.9

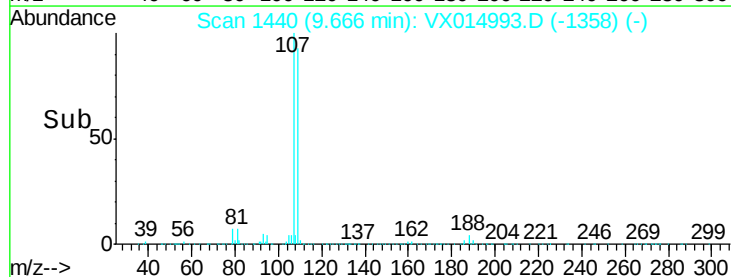
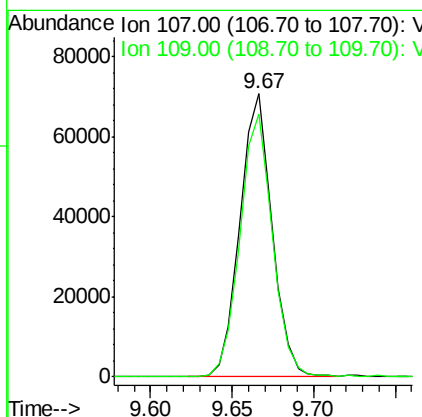
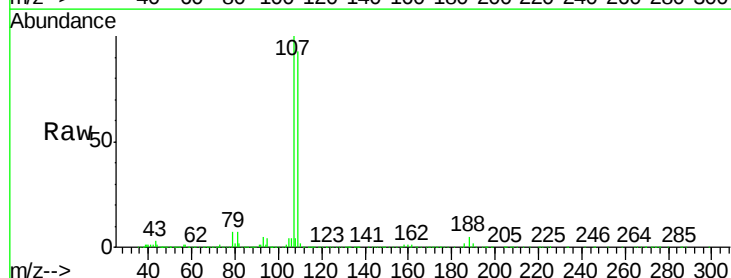
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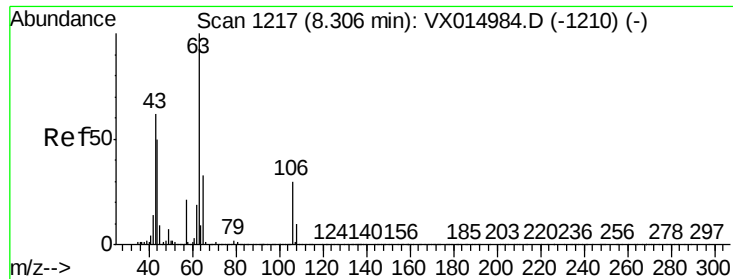
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#54
 1,2-Dibromoethane
 Concen: 21.040 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VX014993.D
 Acq: 21 Feb 2020 14:12

Tgt Ion:107 Resp: 97178
 Ion Ratio Lower Upper
 107 100
 109 93.8 76.3 114.5





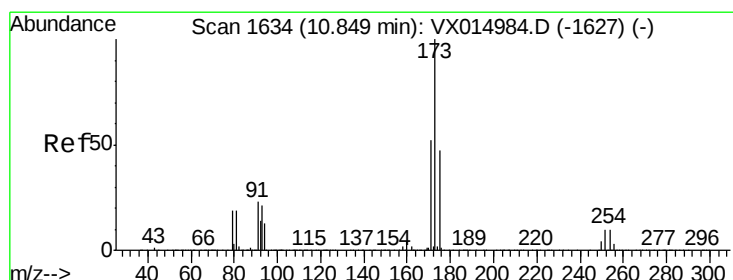
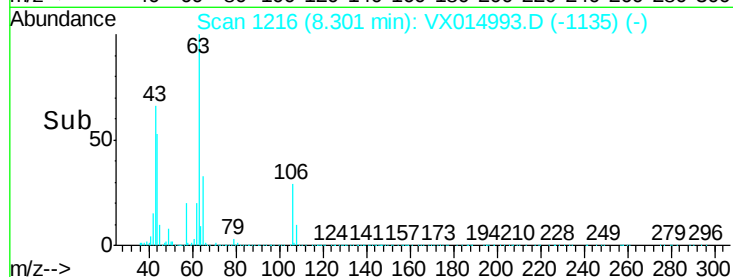
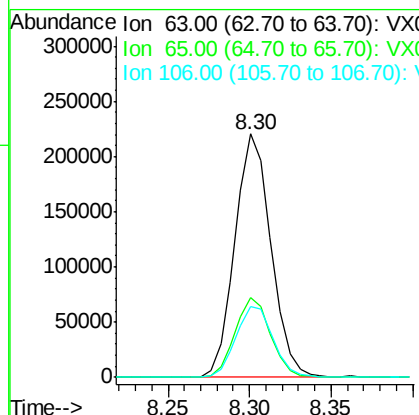
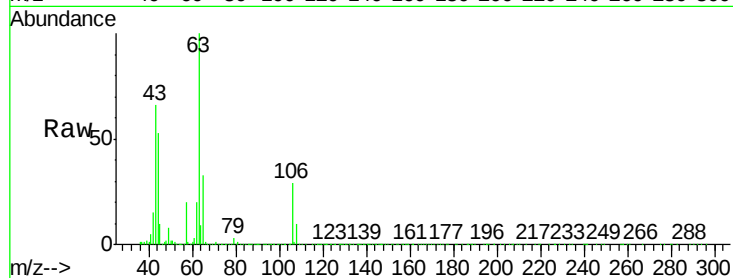
#55
2-Chloroethyl vinyl ether
Concen: 94.714 ug/l
RT: 8.30 min Scan# 1216
Delta R.T. -0.01 min
Lab File: VX014993.D
Acq: 21 Feb 2020 14:12

Instrument :
MSVOA_X
ClientSampleId :
VX0221WBSD01

Tot Ion:	63	Resp:	338750
Ion Ratio	Lower	Upper	
63	100		
65	32.6	26.0	39.0
106	29.9	23.9	35.9

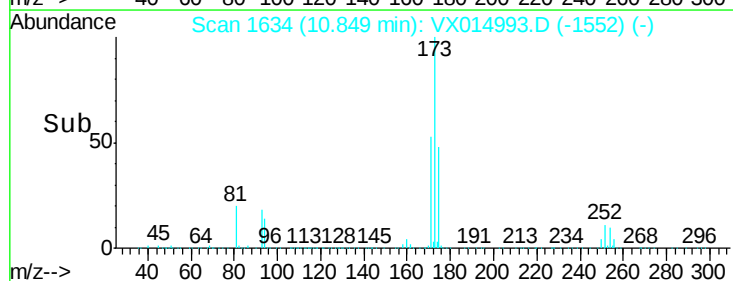
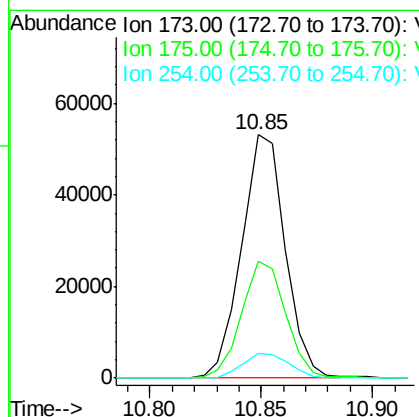
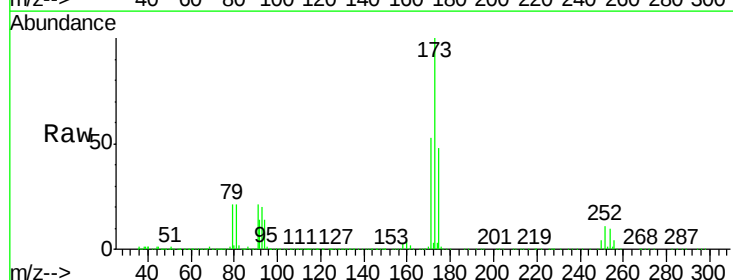
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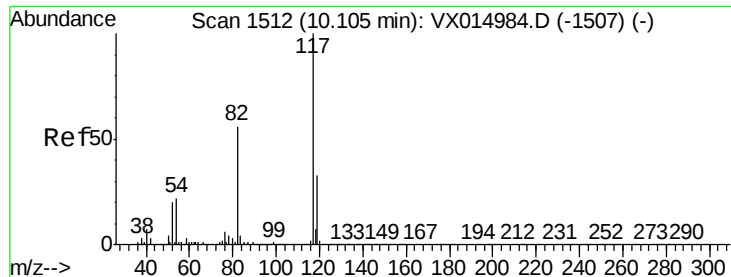
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#56
Bromoform
Concen: 19.740 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VX014993.D
Acq: 21 Feb 2020 14:12

Tgt Ion:	173	Resp:	72781
Ion Ratio	Lower	Upper	
173	100		
175	48.6	38.6	57.8
254	10.8	8.6	13.0





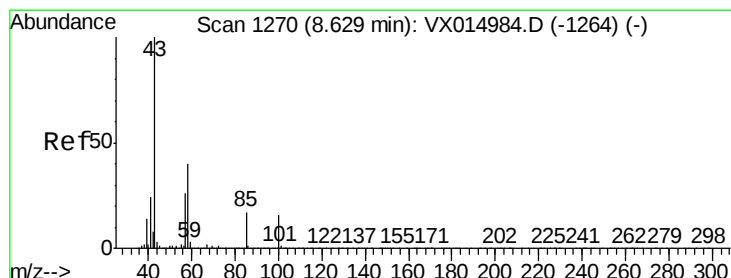
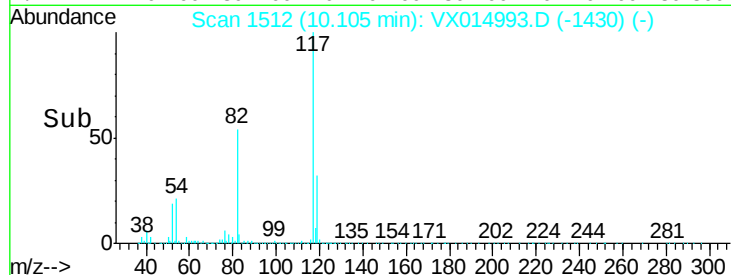
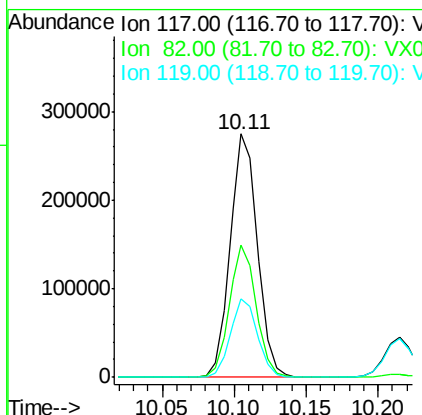
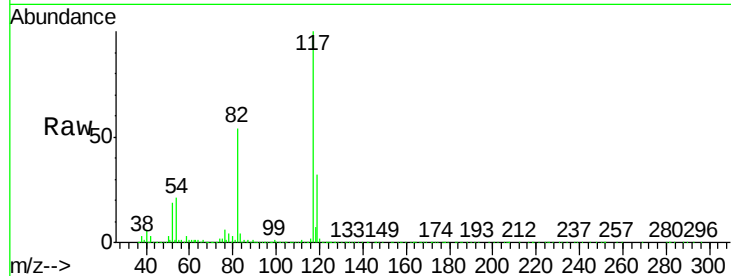
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. 0.00 min
Lab File: VX014993.D
Acq: 21 Feb 2020 14:12

Instrument :
MSVOA_X
ClientSampleId :
VX0221WBSD01

Tot Ion	Ratio	Resp Lower	Resp Upper
117	100		
82	53.0	43.4	65.2
119	32.3	26.0	39.0

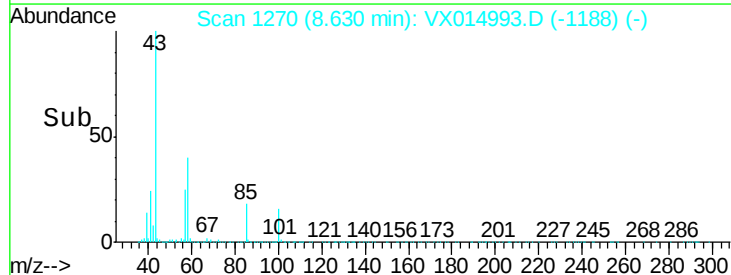
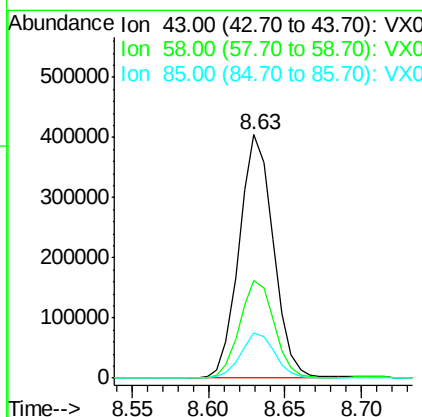
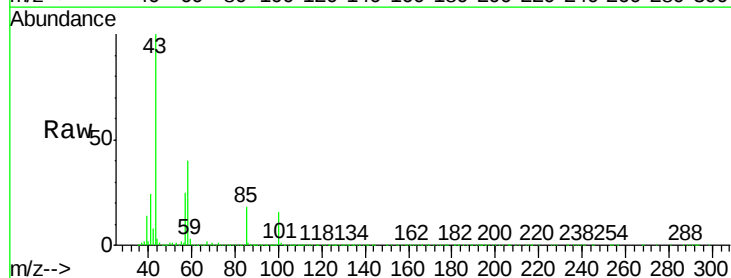
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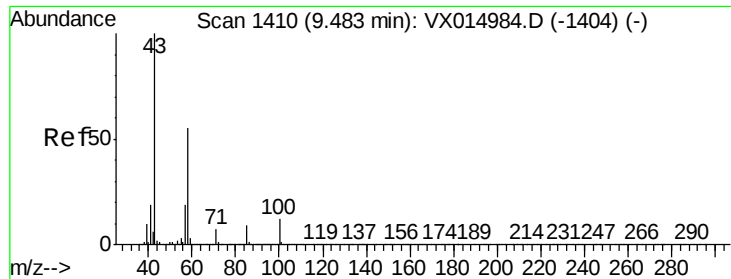
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#58
4-Methyl-2-Pentanone
Concen: 104.830 ug/l
RT: 8.63 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VX014993.D
Acq: 21 Feb 2020 14:12

Tgt Ion	Ratio	Resp Lower	Resp Upper
43	100		
58	40.5	31.7	47.5
85	18.5	14.4	21.6





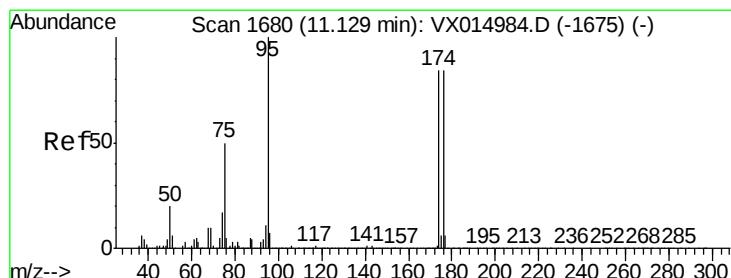
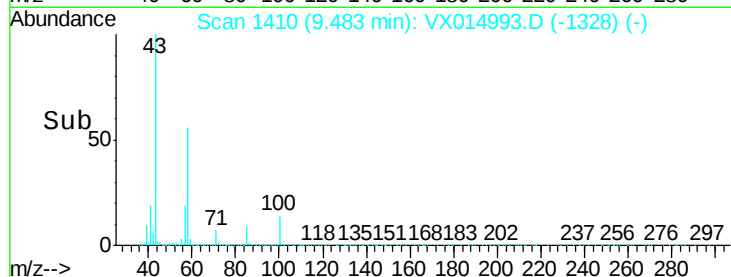
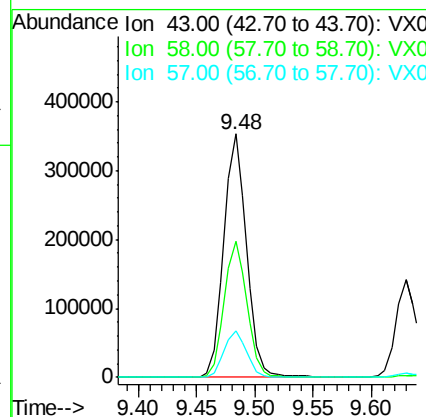
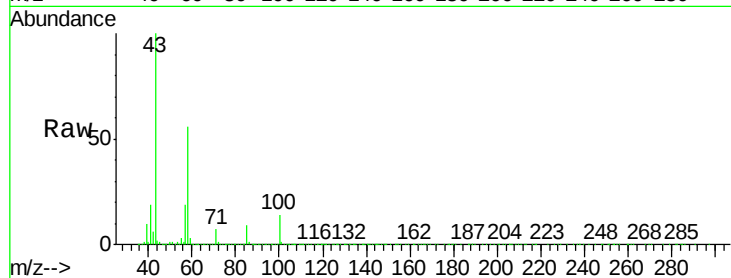
#59
2-Hexanone
Concen: 101.257 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX014993.D
Acq: 21 Feb 2020 14:12

Instrument :
MSVOA_X
ClientSampleId :
VX0221WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	56.2	44.1	66.1
57	18.9	15.3	22.9

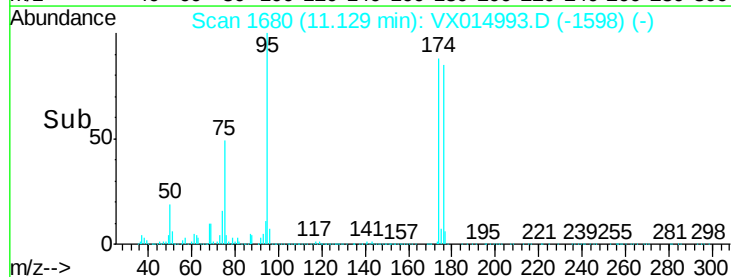
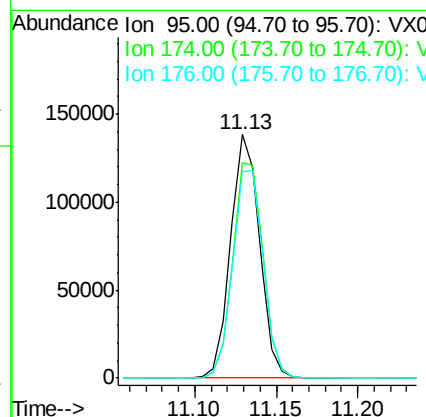
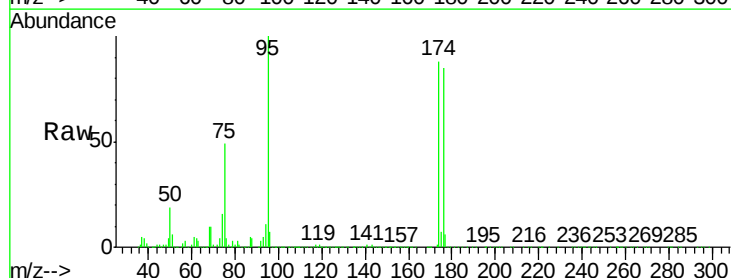
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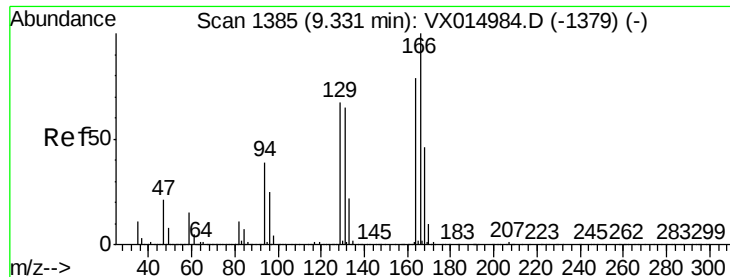
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#60
4-Bromofluorobenzene
Concen: 29.939 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VX014993.D
Acq: 21 Feb 2020 14:12

Tgt Ion	Ratio	Lower	Upper
95	100		
174	93.0	72.3	108.5
176	90.0	72.0	108.0





#61

Tetrachloroethene

Concen: 20.184 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX014993.D

Acq: 21 Feb 2020 14:12

Instrument :

MSVOA_X

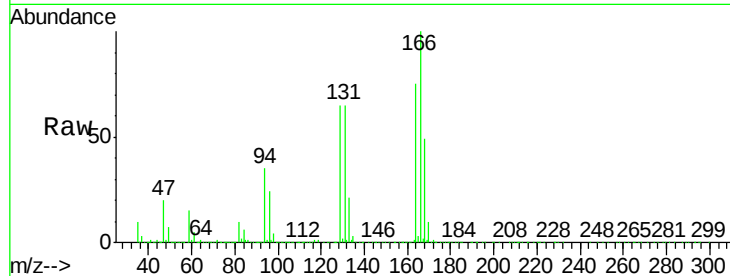
ClientSampleId :

VX0221WBSD01

Tot Ion:	164	Resp:	99140
Ion Ratio	Lower	Upper	
164	100		
166	132.8	101.2	151.8
129	86.5	67.6	101.4
131	86.5	66.0	99.0

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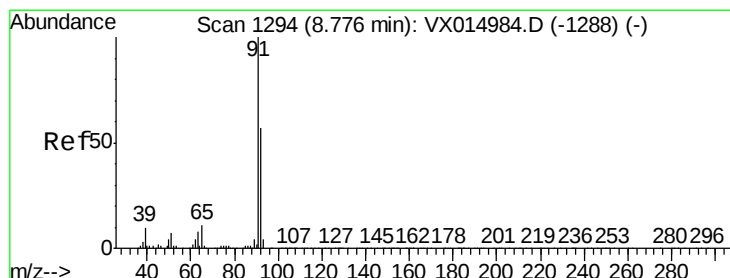
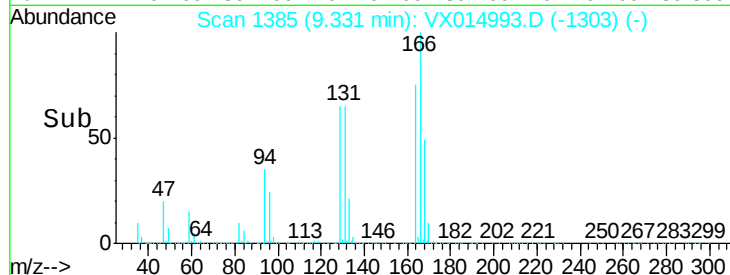
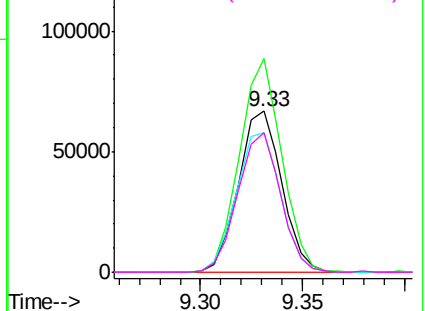


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 20.024 ug/l

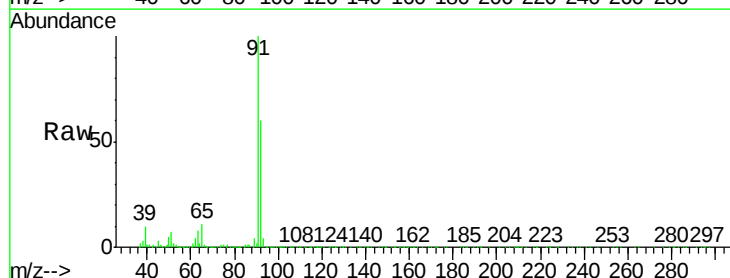
RT: 8.78 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX014993.D

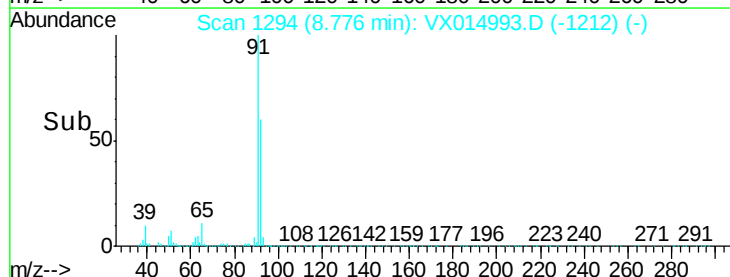
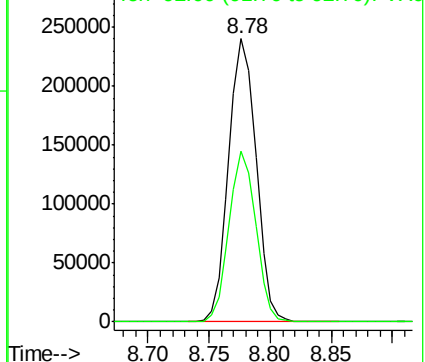
Acq: 21 Feb 2020 14:12

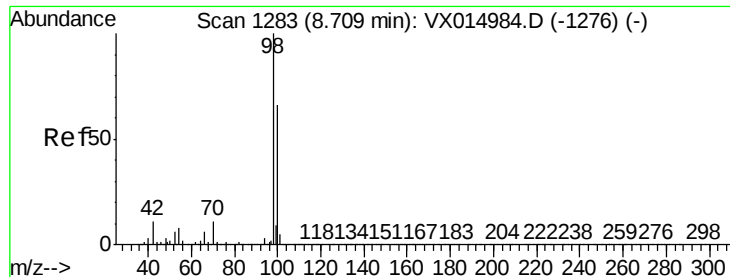
Tgt Ion:	91	Resp:	375079
Ion Ratio	Lower	Upper	
91	100		
92	58.7	46.6	69.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





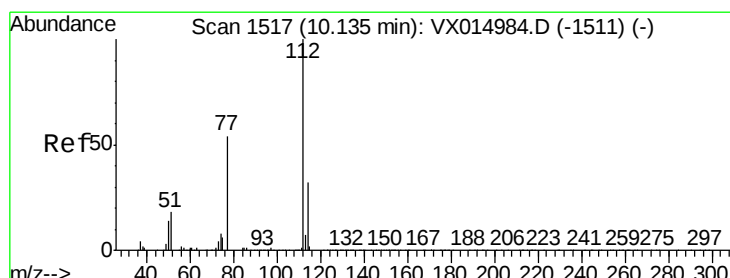
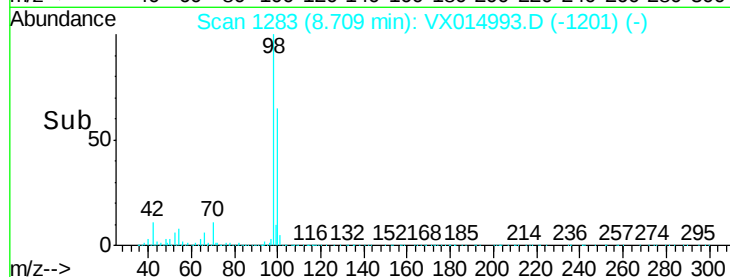
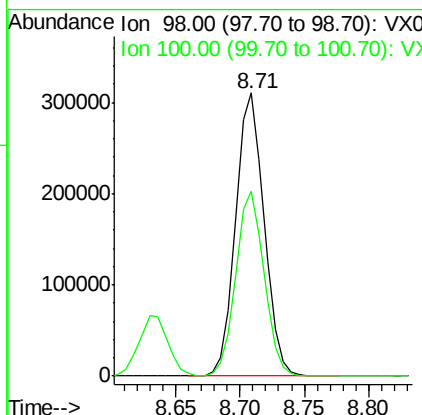
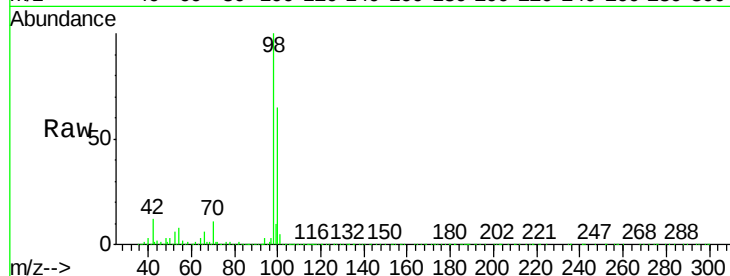
#63
Toluene-d8
Concen: 29.846 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014993.D
Acq: 21 Feb 2020 14:12

Instrument :
MSVOA_X
ClientSampleId :
VX0221WBSD01

Tot Ion: 98 Resp: 475965
Ion Ratio Lower Upper
98 100
100 64.8 52.8 79.2

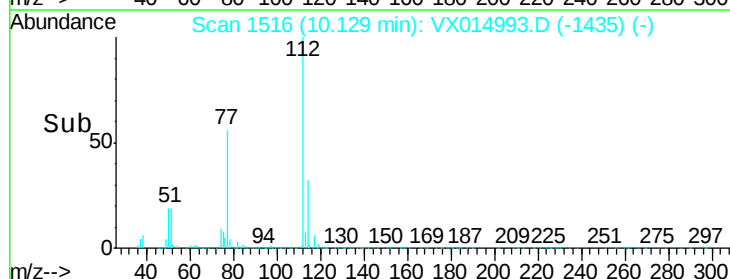
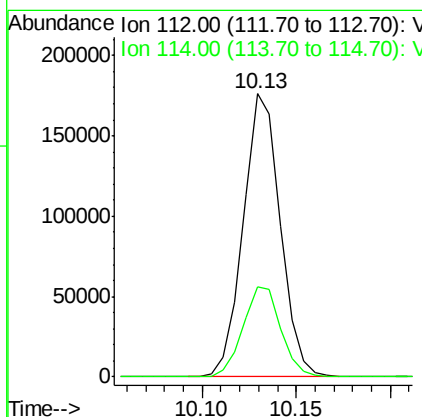
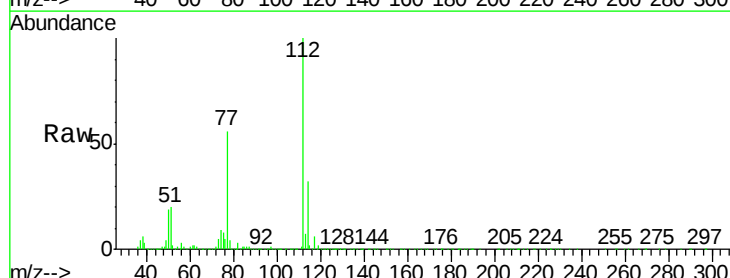
Manual Integrations
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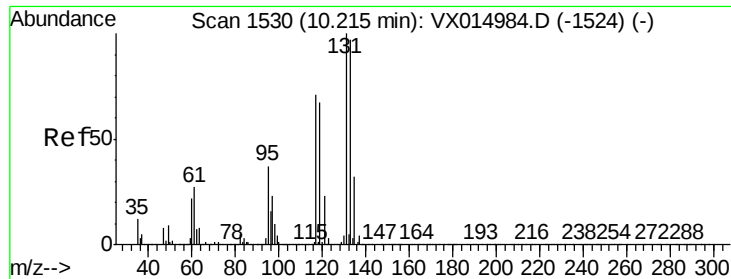
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#64
Chlorobenzene
Concen: 20.109 ug/l
RT: 10.13 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VX014993.D
Acq: 21 Feb 2020 14:12

Tgt Ion: 112 Resp: 240422
Ion Ratio Lower Upper
112 100
114 31.9 25.8 38.6





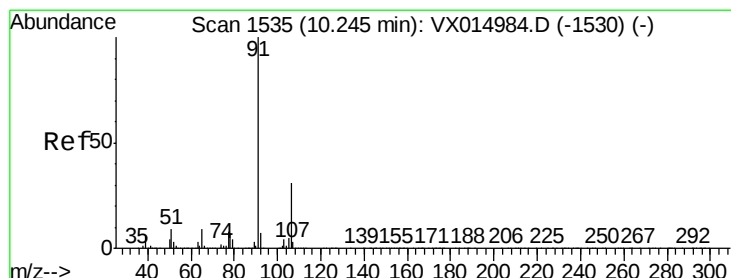
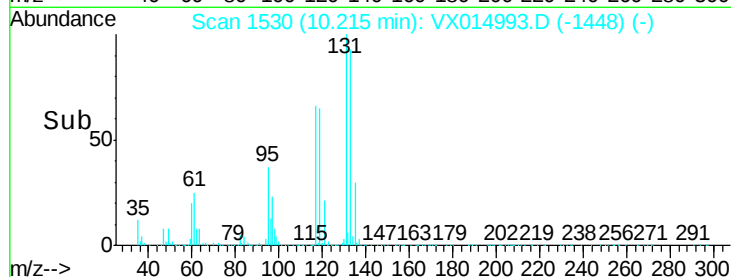
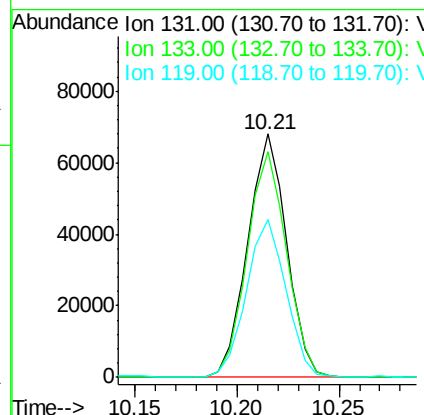
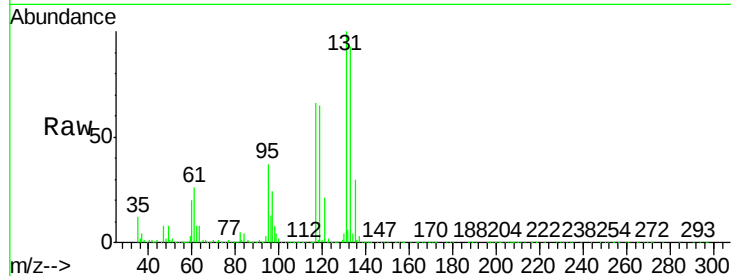
#65
 1,1,1,2-Tetrachloroethane
 Concen: 20.430 ug/l
 RT: 10.21 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VX014993.D
 Acq: 21 Feb 2020 14:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0221WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
131	100	90474		
133	93.6	0.0	191.4	
119	65.6	0.0	132.0	

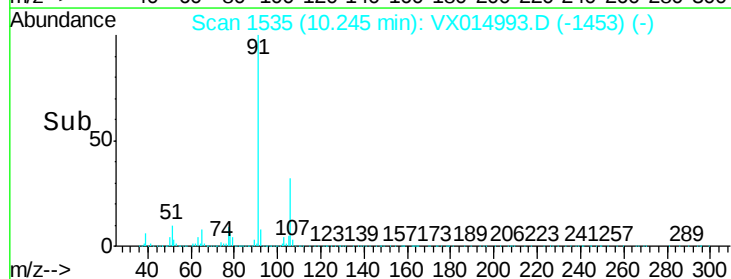
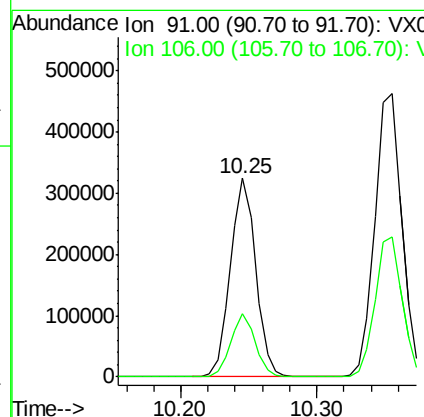
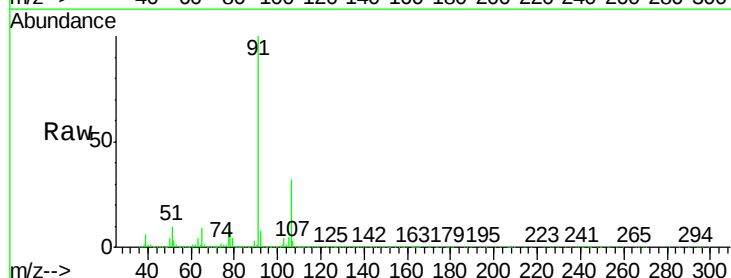
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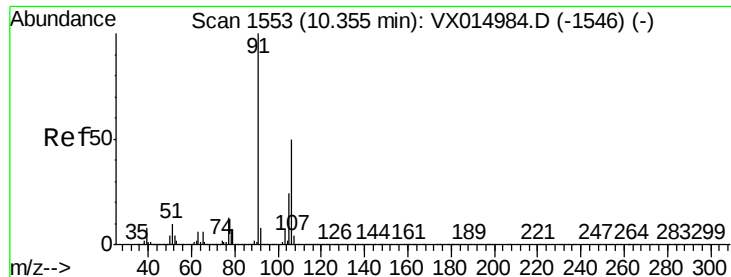
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#66
 Ethyl Benzene
 Concen: 20.304 ug/l
 RT: 10.25 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VX014993.D
 Acq: 21 Feb 2020 14:12

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	418943		
106	31.7	24.7	37.1	





#67

m/p-Xvlenes

Concen: 39.881 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014993.D

Acq: 21 Feb 2020 14:12

Instrument :

MSVOA_X

ClientSampleId :

VX0221WBSD01

Tot Ion:106 Resp: 317316

Ion Ratio Lower Upper

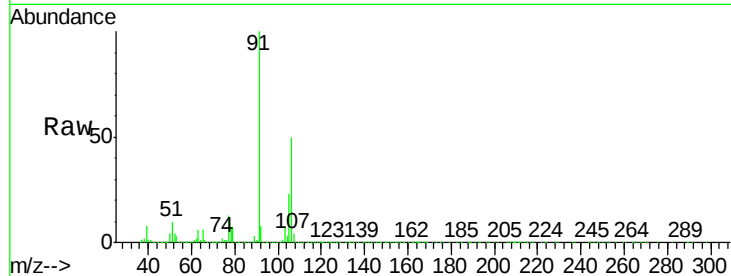
106 100

91 200.8 160.4 240.6

Manual Integrations
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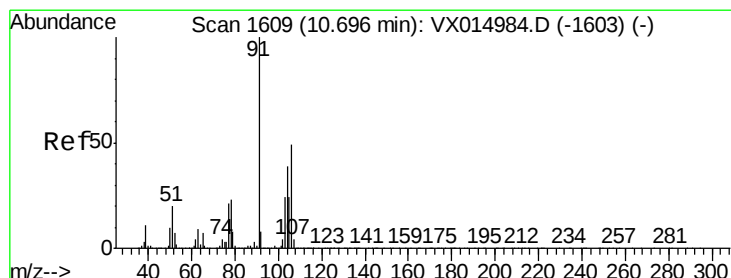
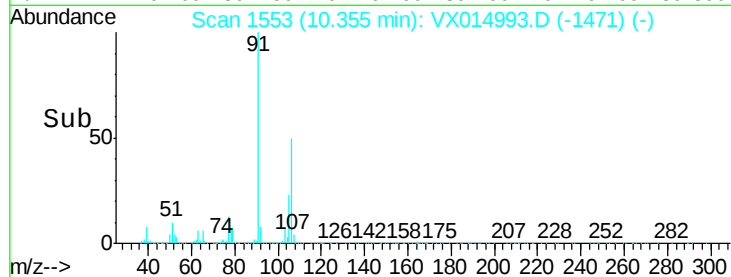
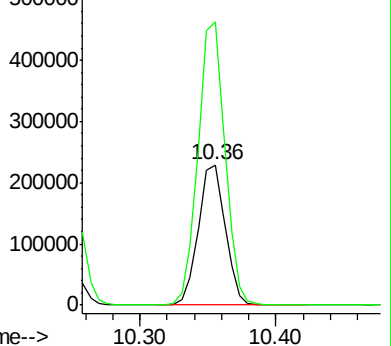
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 19.822 ug/l

RT: 10.69 min Scan# 1608

Delta R.T. -0.01 min

Lab File: VX014993.D

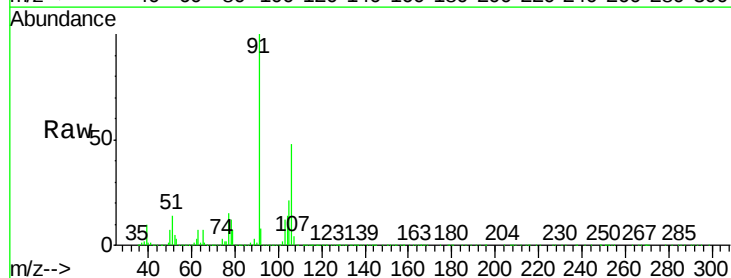
Acq: 21 Feb 2020 14:12

Tgt Ion:106 Resp: 152605

Ion Ratio Lower Upper

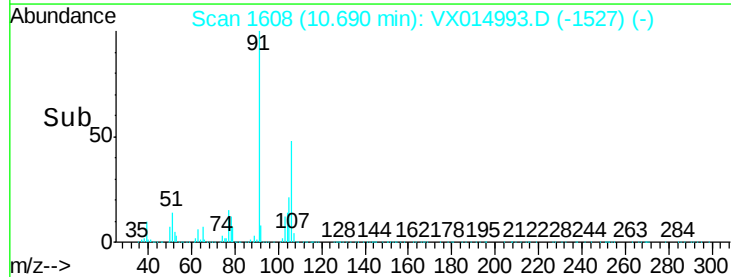
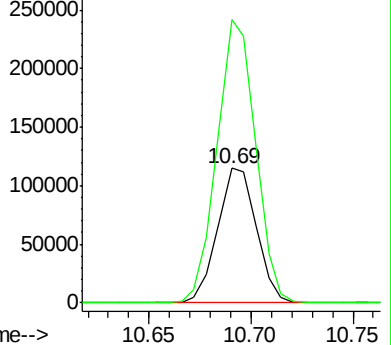
106 100

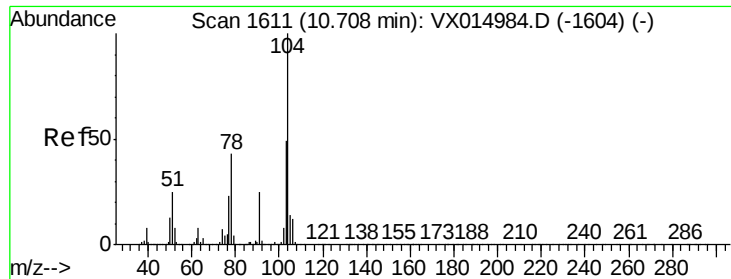
91 208.5 105.3 315.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





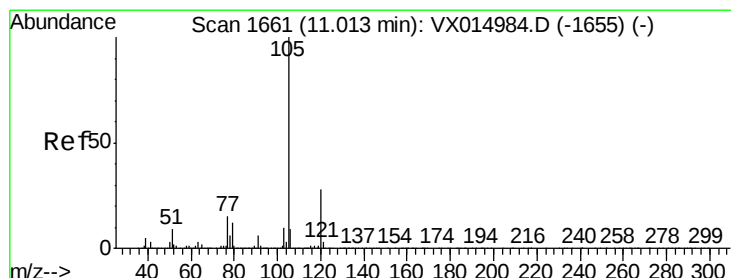
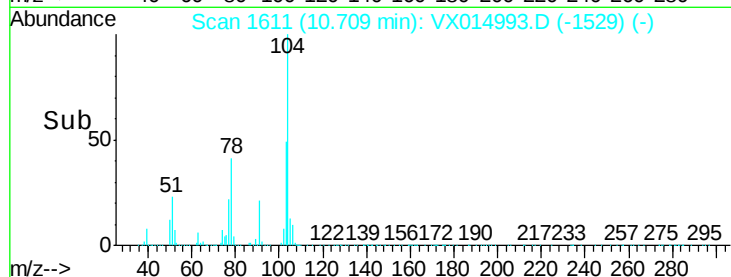
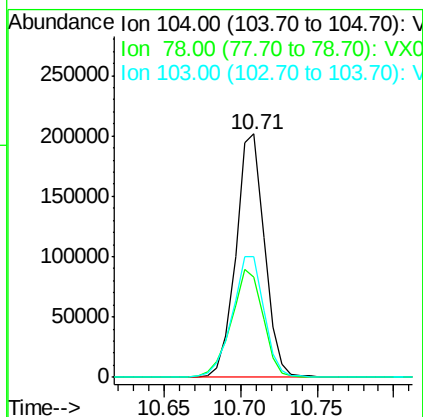
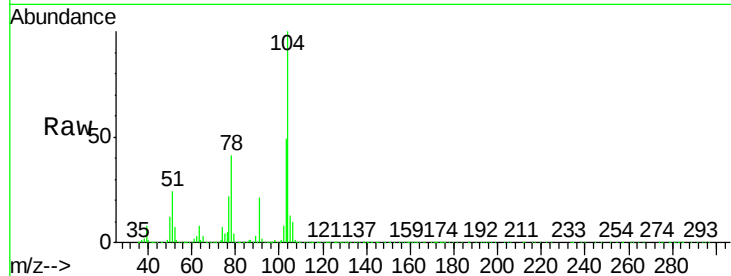
#69
Stvrene
Concen: 19.908 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014993.D
Acq: 21 Feb 2020 14:12

Instrument :
MSVOA_X
ClientSampleId :
VX0221WBSD01

Tot Ion	Ratio	Lower	Upper
104	100		
78	48.8	39.4	59.2
103	55.0	42.9	64.3

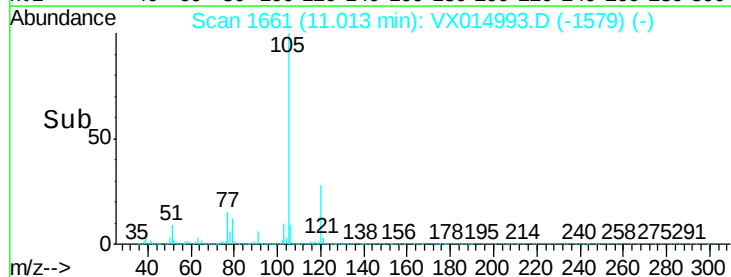
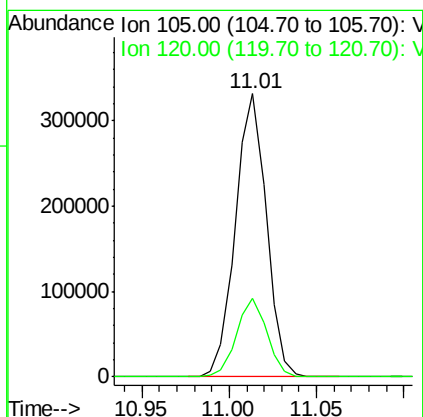
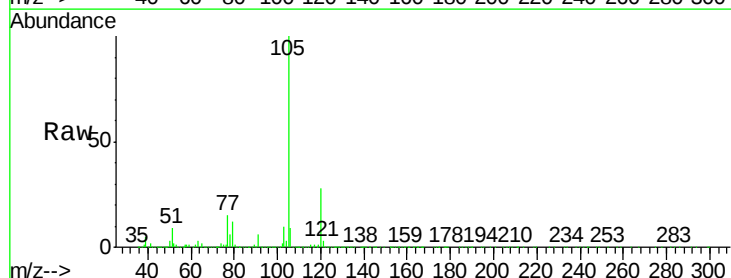
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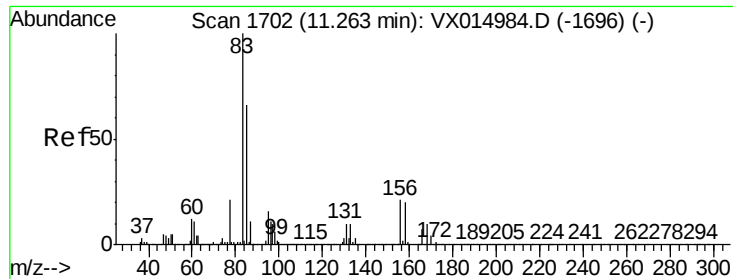
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#70
Isopropylbenzene
Concen: 19.965 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX014993.D
Acq: 21 Feb 2020 14:12

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.2	18.8	35.0





#71

1,1,2,2-Tetrachloroethane

Concen: 20.468 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014993.D

Acq: 21 Feb 2020 14:12

Instrument :

MSVOA_X

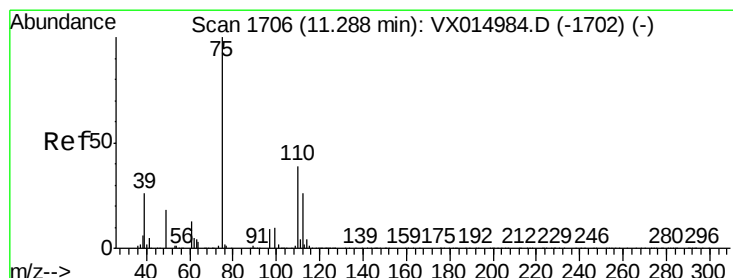
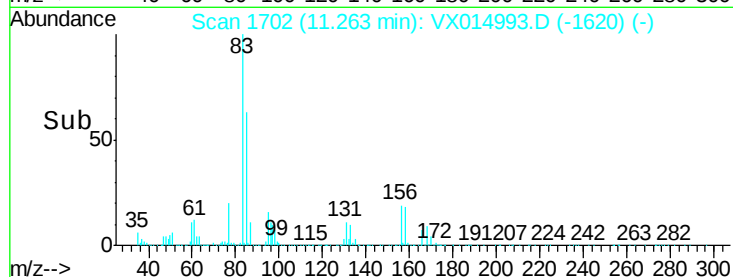
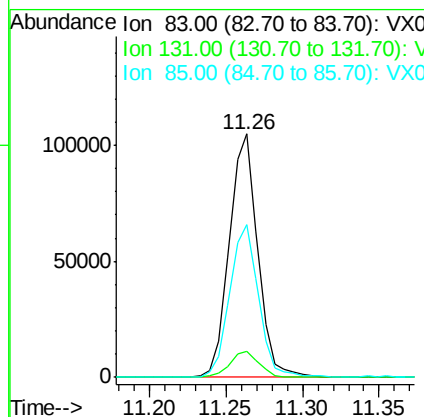
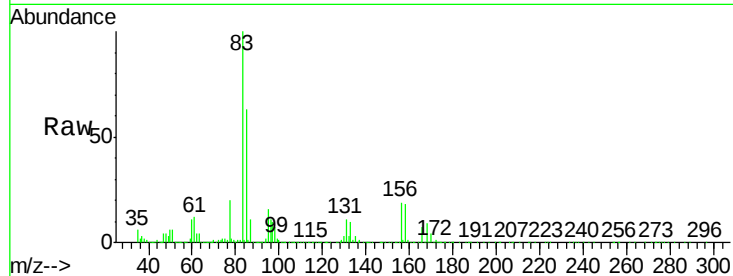
ClientSampleId :

VX0221WBSD01

Tot Ion:	83	Resp:	134767
Ion Ratio	Lower	Upper	
83	100		
131	11.1	5.1	15.4
85	64.0	32.2	96.6

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#72

1,2,3-Trichloropropane

Concen: 21.033 ug/l m

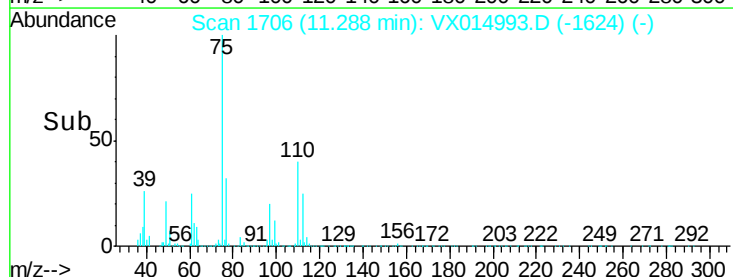
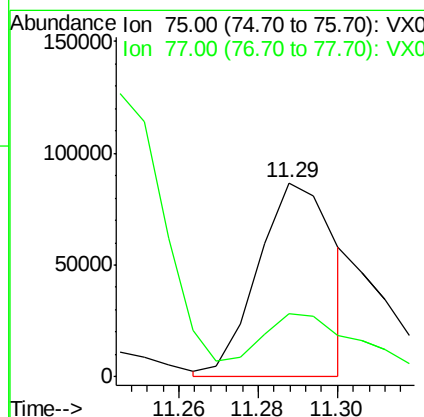
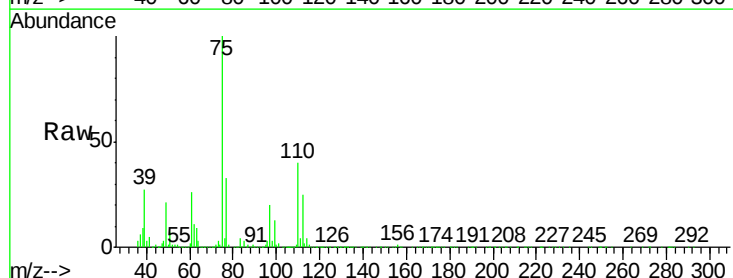
RT: 11.29 min Scan# 1706

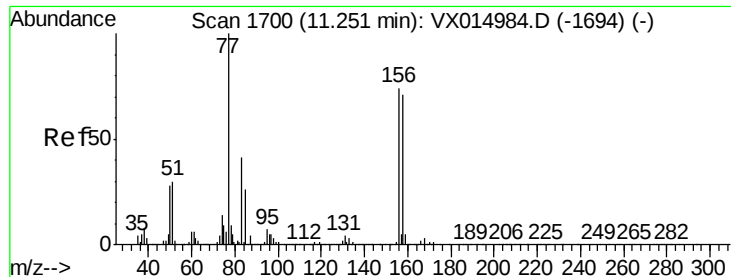
Delta R.T. 0.00 min

Lab File: VX014993.D

Acq: 21 Feb 2020 14:12

Tgt Ion:	75	Resp:	114871
Ion Ratio	Lower	Upper	
75	100		
77	43.5	0.0	75.4





#73

Bromobenzene

Concen: 20.145 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014993.D

Acq: 21 Feb 2020 14:12

Instrument :

MSVOA_X

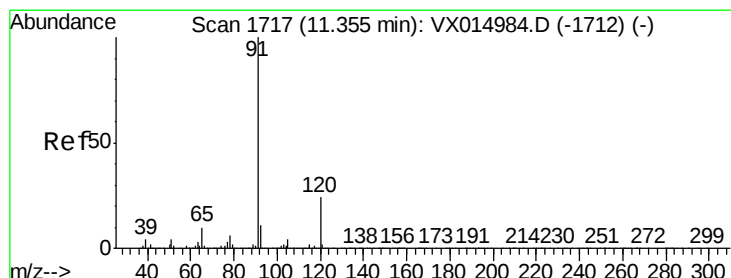
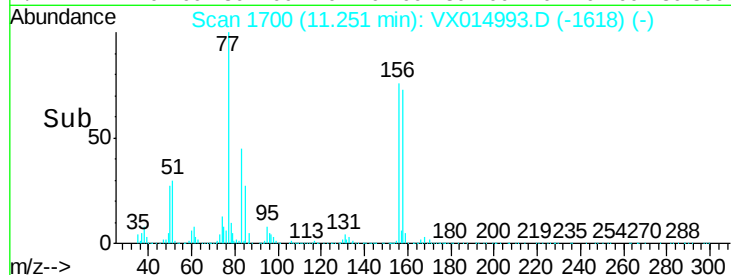
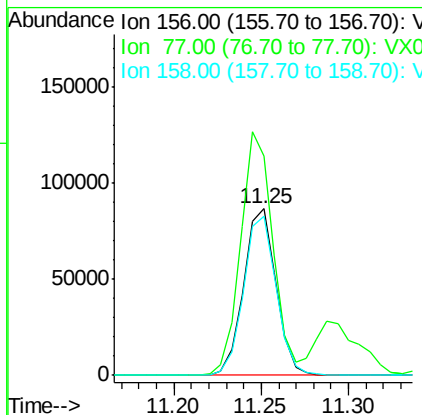
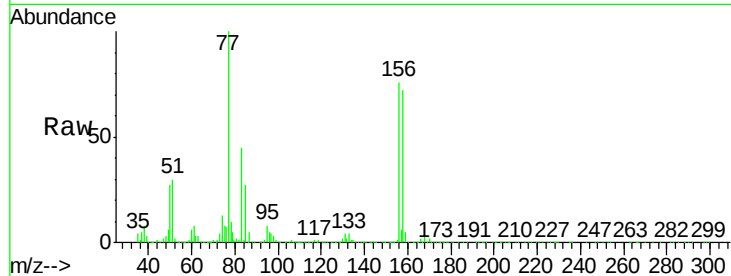
ClientSampleId :

VX0221WBSD01

Tot Ion:	156	Resp:	111312
Ion Ratio	Lower	Upper	
156	100		
77	144.5	0.0	286.8
158	96.3	0.0	191.8

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#74

n-propylbenzene

Concen: 20.423 ug/l

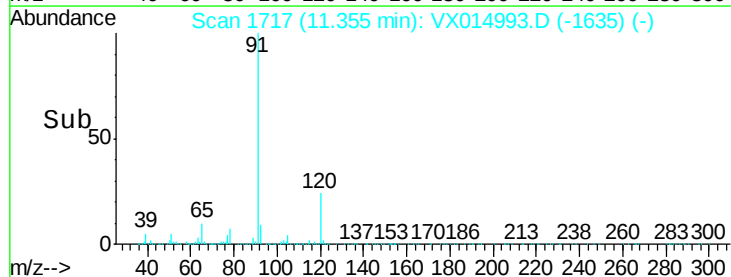
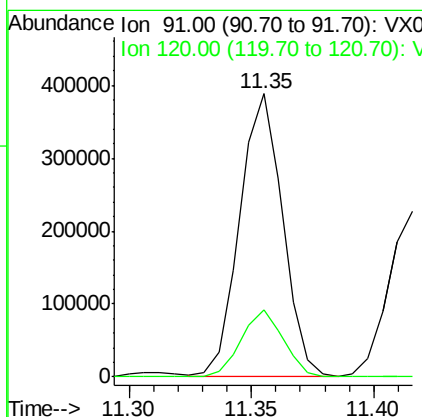
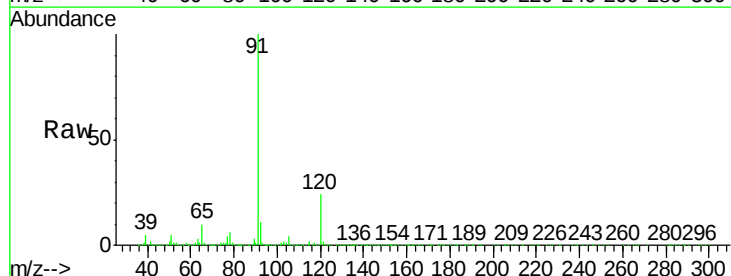
RT: 11.35 min Scan# 1717

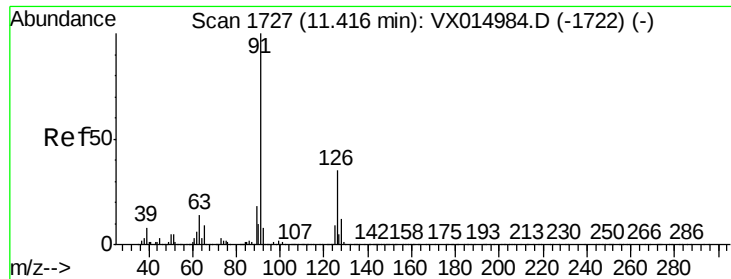
Delta R.T. 0.00 min

Lab File: VX014993.D

Acq: 21 Feb 2020 14:12

Tgt Ion:	91	Resp:	475335
Ion Ratio	Lower	Upper	
91	100		
120	23.4	0.0	47.0





#75

2-Chlorotoluene

Concen: 20.262 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014993.D

Acq: 21 Feb 2020 14:12

Instrument :

MSVOA_X

ClientSampleId :

VX0221WBSD01

Tot Ion: 91 Resp: 278684

Ion Ratio Lower Upper

91 100

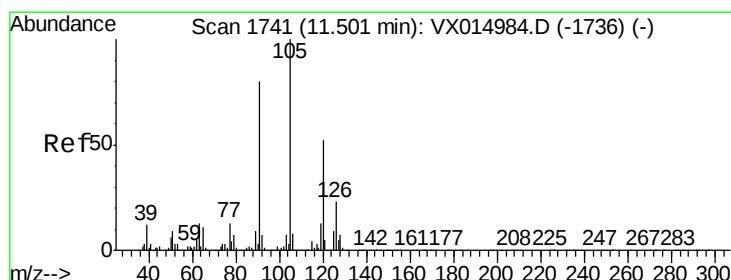
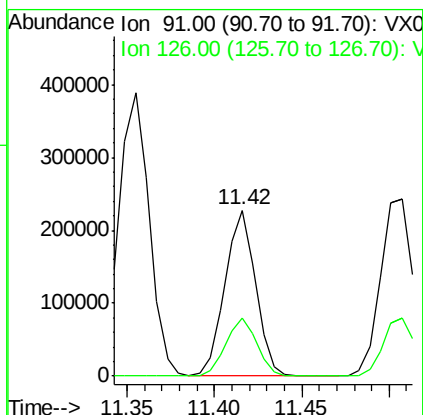
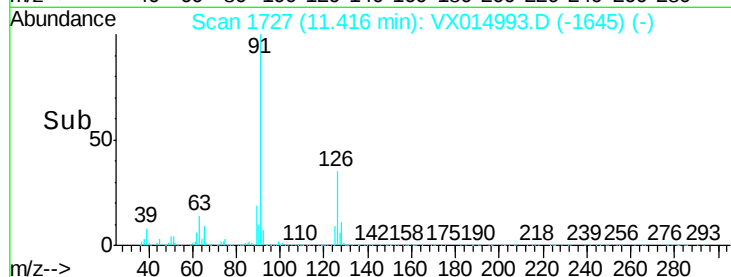
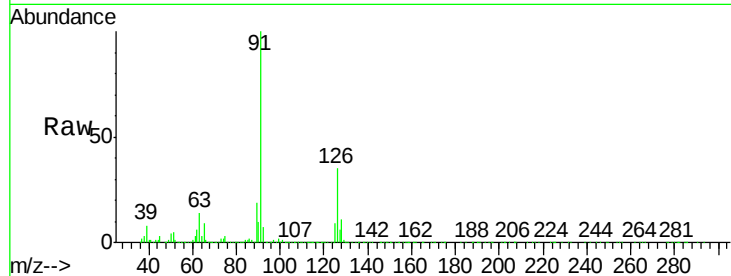
126 35.0 0.0 69.0

Manual Integrations

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#76

1,3,5-Trimethylbenzene

Concen: 20.138 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014993.D

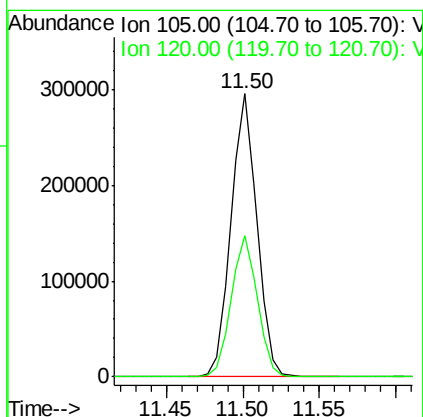
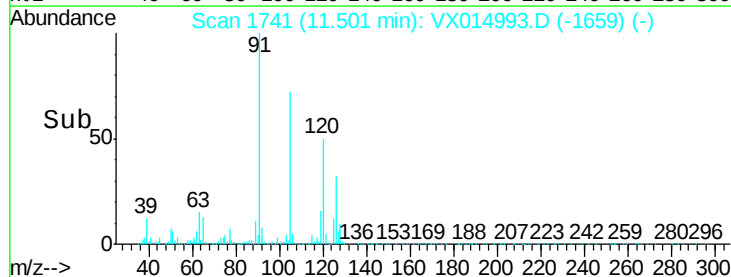
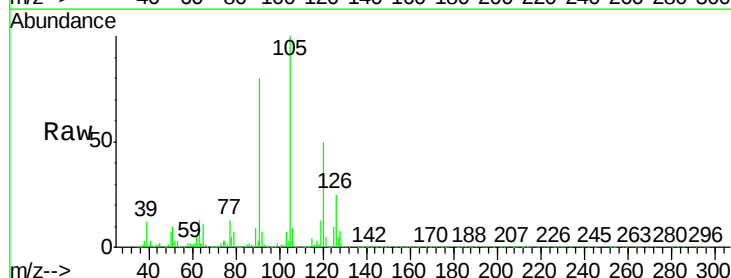
Acq: 21 Feb 2020 14:12

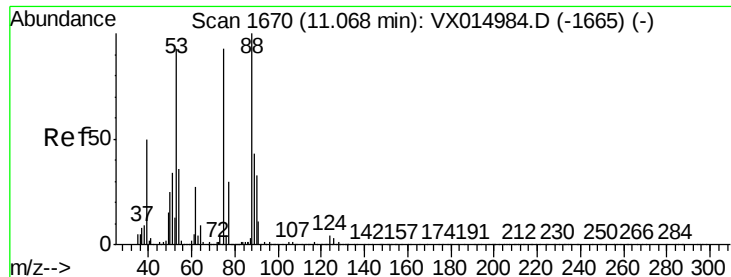
Tgt Ion: 105 Resp: 345134

Ion Ratio Lower Upper

105 100

120 50.4 0.0 101.0





#77

t-1,4-Dichloro-2-butene

Concen: 19.137 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014993.D

Acq: 21 Feb 2020 14:12

Instrument :

MSVOA_X

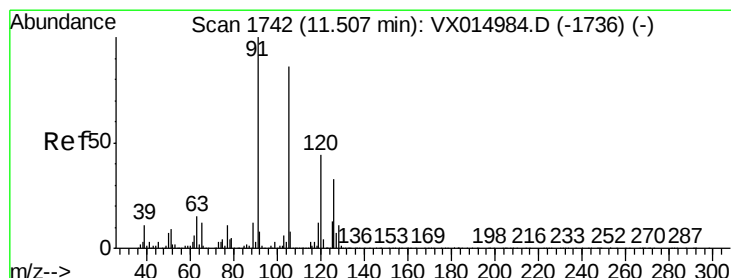
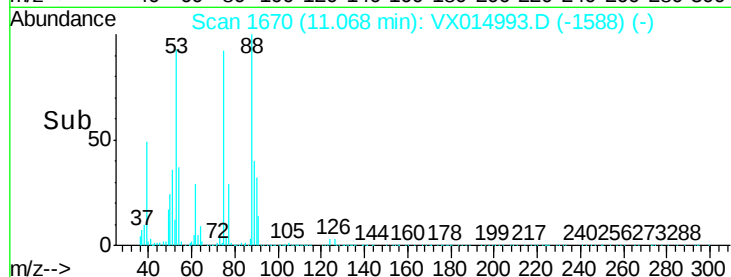
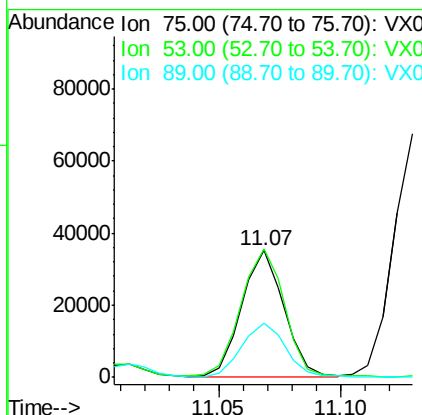
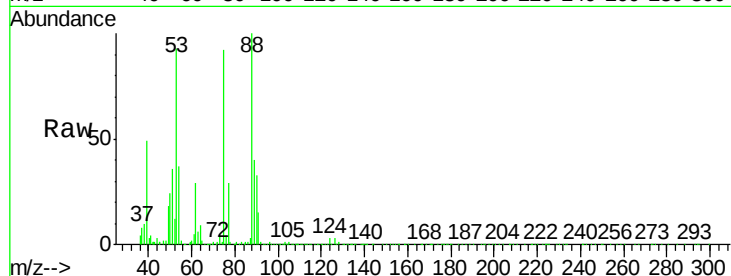
ClientSampleId :

VX0221WBSD01

Tot Ion:	75	Resp:	42146
Ion	Ratio	Lower	Upper
75	100		
53	100.2	50.0	149.8
89	42.8	23.5	70.5

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#78

4-Chlorotoluene

Concen: 20.021 ug/l

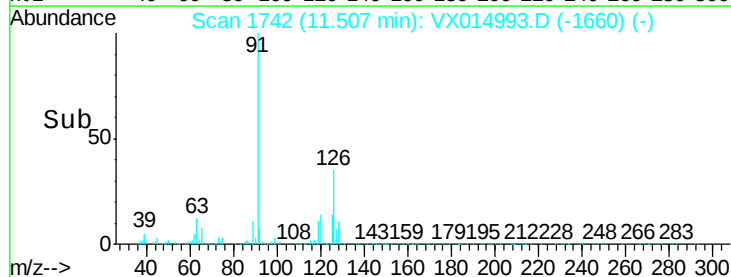
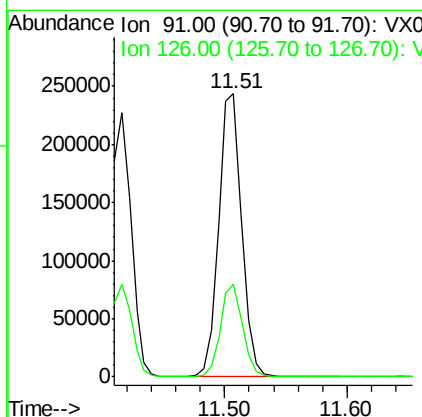
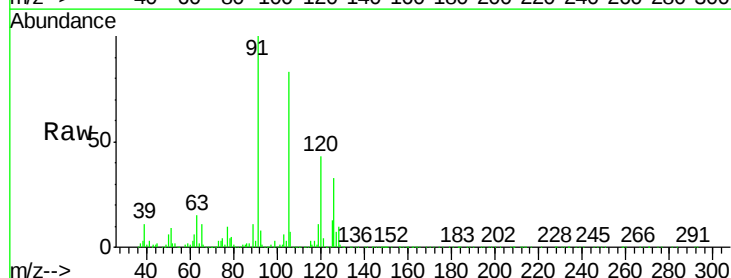
RT: 11.51 min Scan# 1742

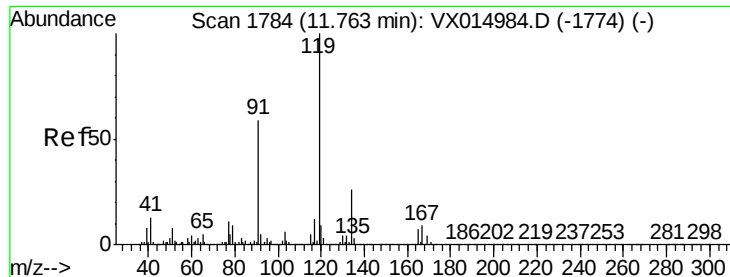
Delta R.T. 0.00 min

Lab File: VX014993.D

Acq: 21 Feb 2020 14:12

Tgt Ion:	91	Resp:	318522
Ion	Ratio	Lower	Upper
91	100		
126	31.5	0.0	62.0





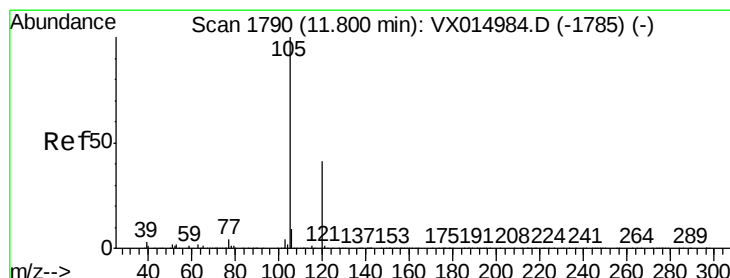
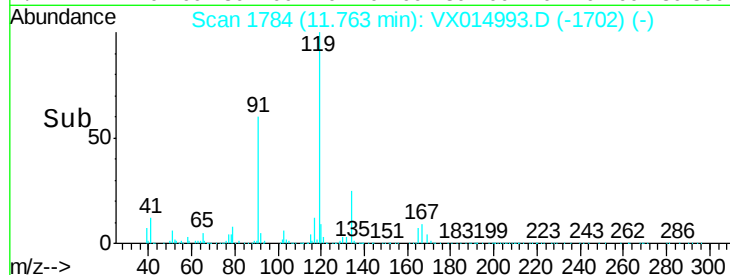
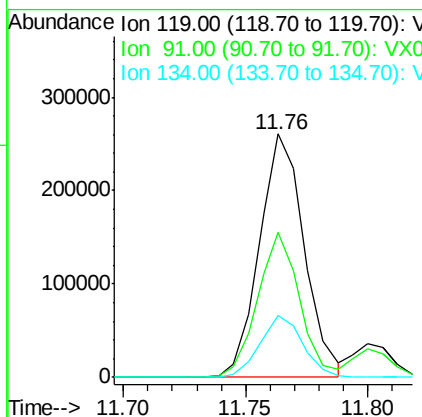
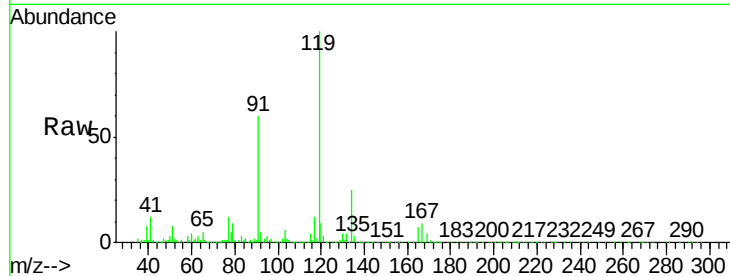
#79
tert-butylbenzene
Concen: 20.181 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014993.D
Acq: 21 Feb 2020 14:12

Instrument :
MSVOA_X
ClientSampled :
VX0221WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	334141		
91	55.8	0.0	114.4	
134	24.5	0.0	48.8	

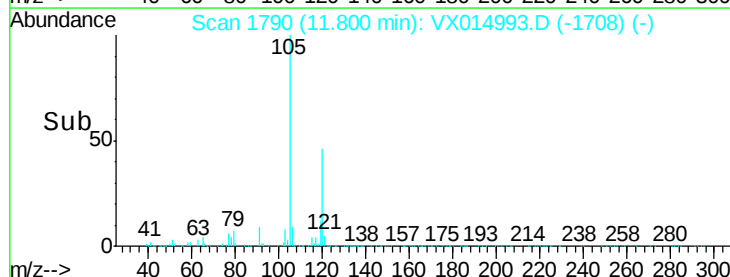
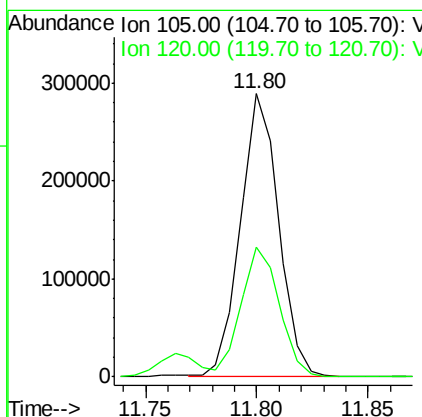
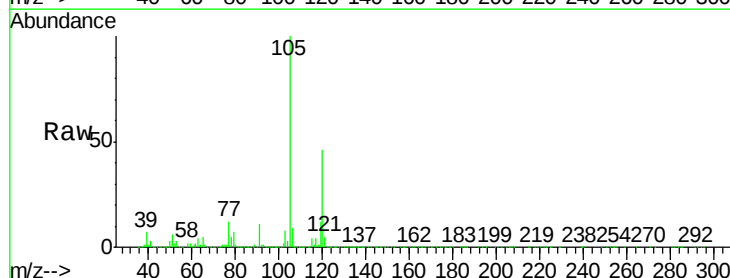
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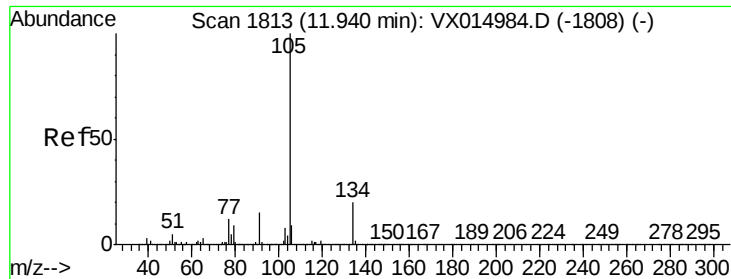
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#80
1,2,4-Trimethylbenzene
Concen: 20.241 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX014993.D
Acq: 21 Feb 2020 14:12

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	344870		
120	46.0	0.0	93.4	





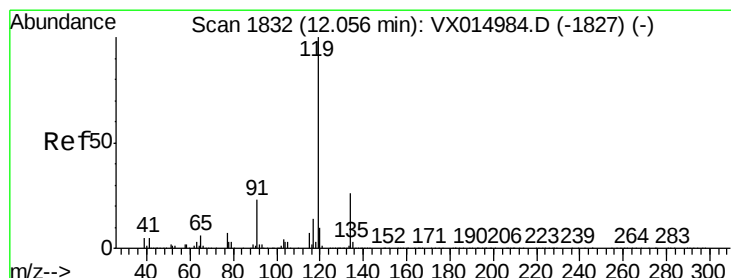
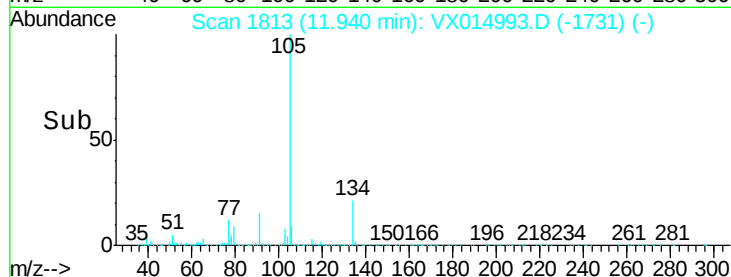
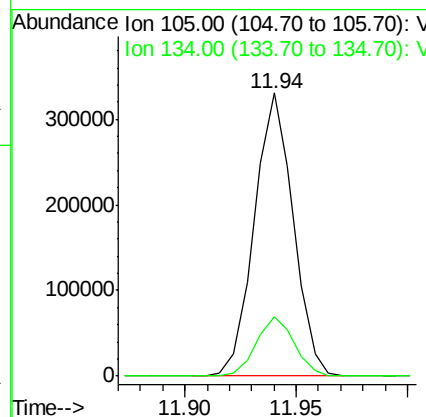
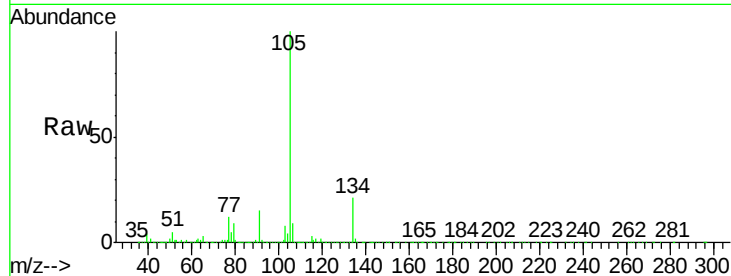
#81
 sec-Butylbenzene
 Concen: 20.251 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX014993.D
 Acq: 21 Feb 2020 14:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0221WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	401552		
134	20.8	0.0	40.8	

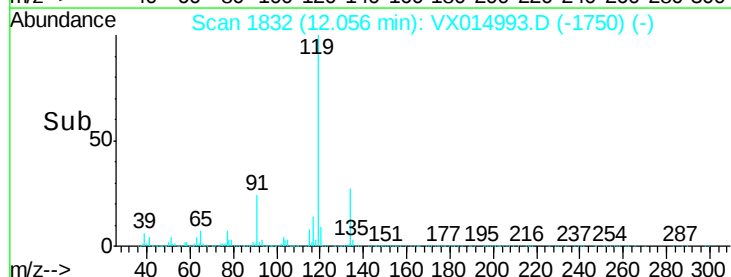
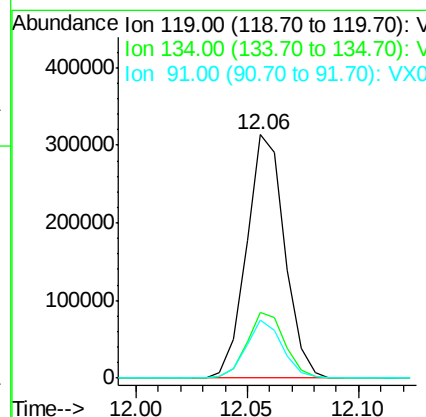
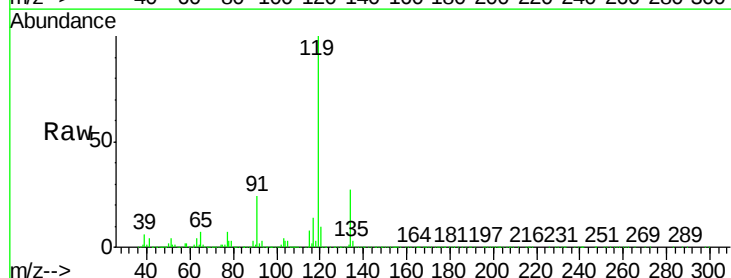
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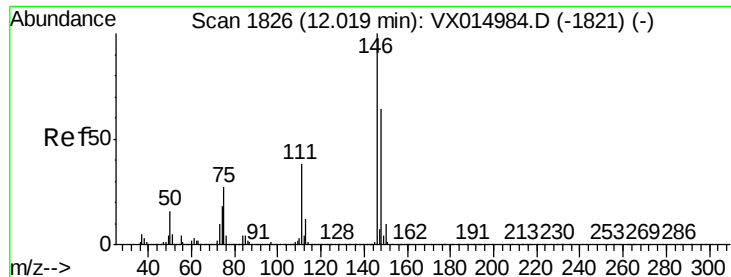
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#82
 p-Isopropyltoluene
 Concen: 20.220 ug/l
 RT: 12.06 min Scan# 1832
 Delta R.T. 0.00 min
 Lab File: VX014993.D
 Acq: 21 Feb 2020 14:12

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	372481		
134	27.3	0.0	53.2	
91	22.7	0.0	44.6	





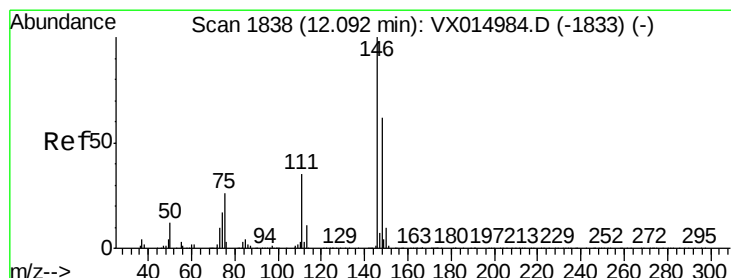
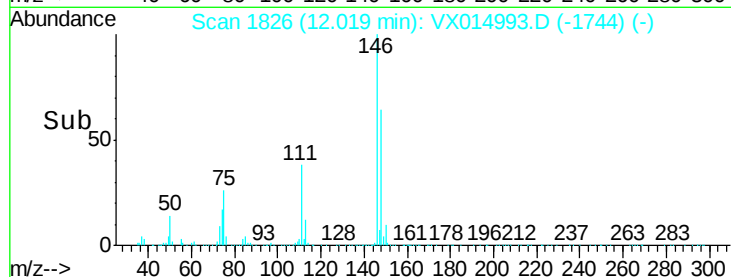
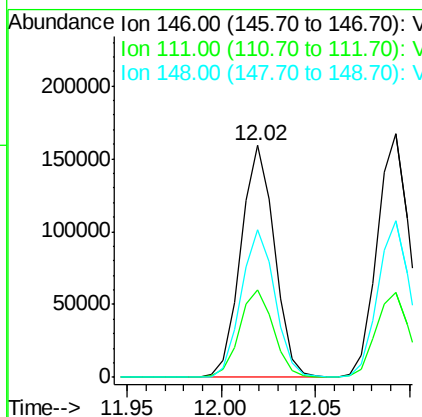
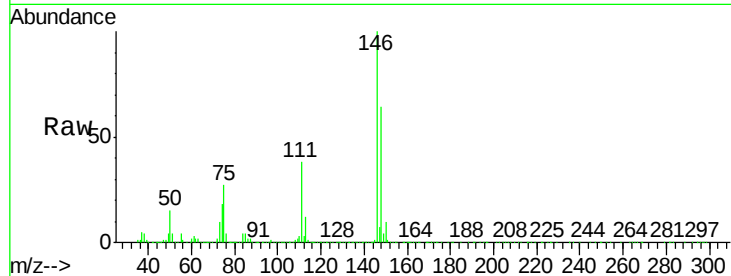
#83
1,3-Dichlorobenzene
Concen: 20.327 ug/l
RT: 12.02 min Scan# 1826
Delta R.T. 0.00 min
Lab File: VX014993.D
Acq: 21 Feb 2020 14:12

Instrument :
MSVOA_X
ClientSampleId :
VX0221WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.3	57.9
148	64.0	32.3	96.9

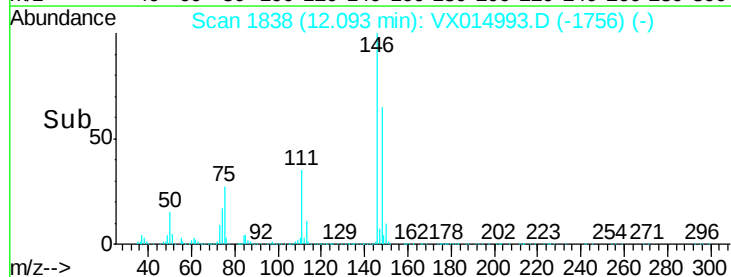
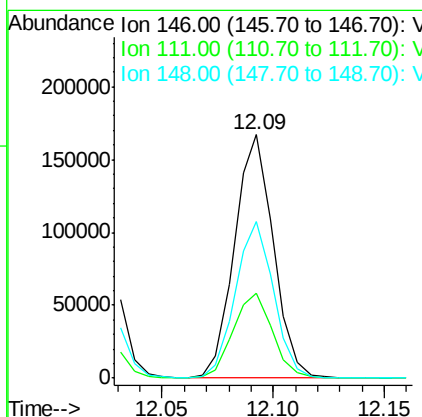
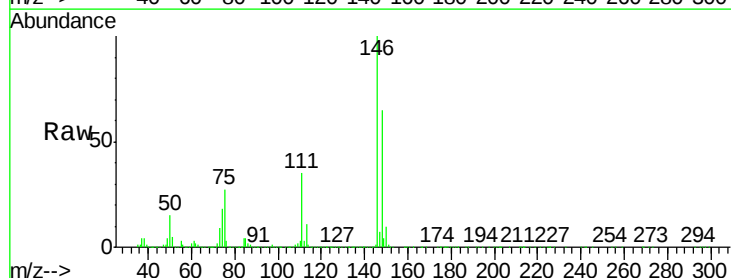
Manual Integrations
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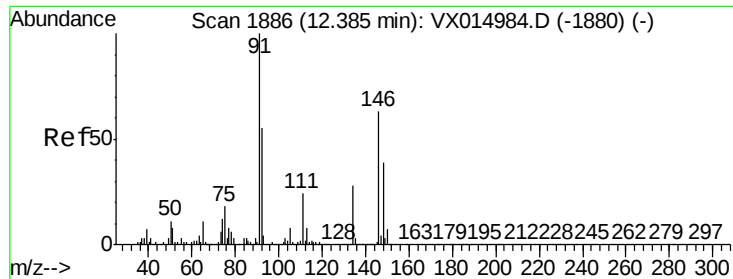
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#84
1,4-Dichlorobenzene
Concen: 20.773 ug/l
RT: 12.09 min Scan# 1838
Delta R.T. 0.00 min
Lab File: VX014993.D
Acq: 21 Feb 2020 14:12

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.2	17.8	53.5
148	63.6	31.4	94.2





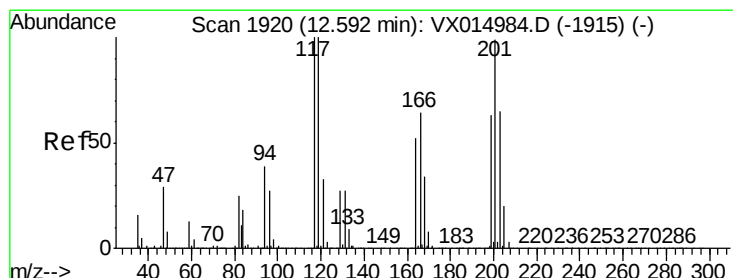
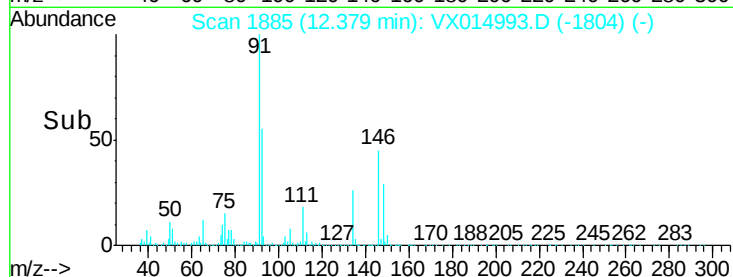
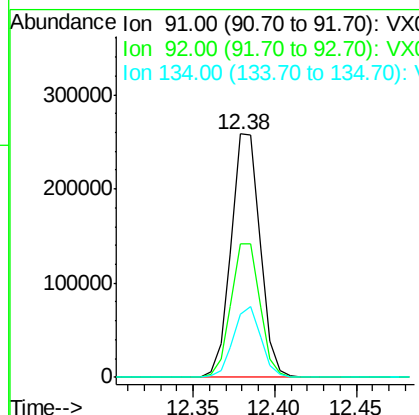
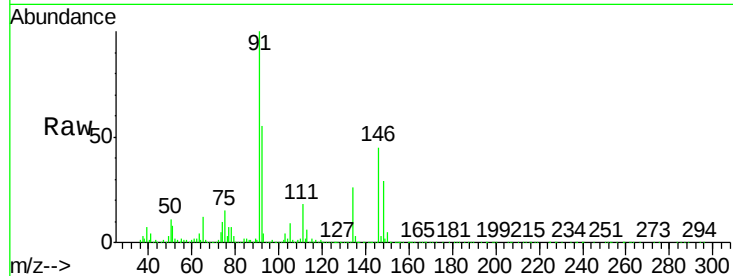
#85
n-Butylbenzene
Concen: 19.921 ug/l
RT: 12.38 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX014993.D
Acq: 21 Feb 2020 14:12

Instrument :
MSVOA_X
ClientSampleId :
VX0221WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	319344		
92	54.9	0.0	109.8	
134	27.4	0.0	54.8	

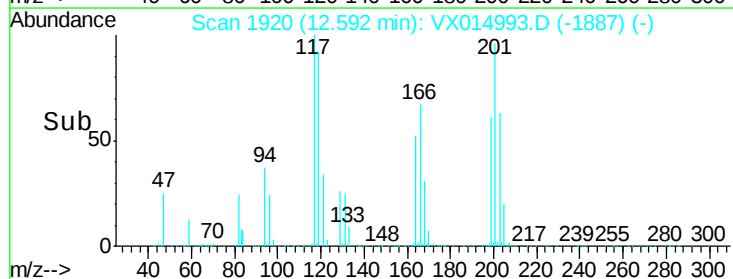
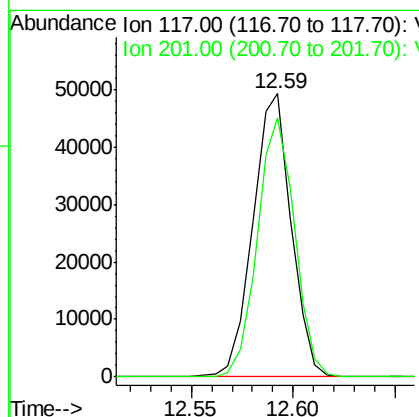
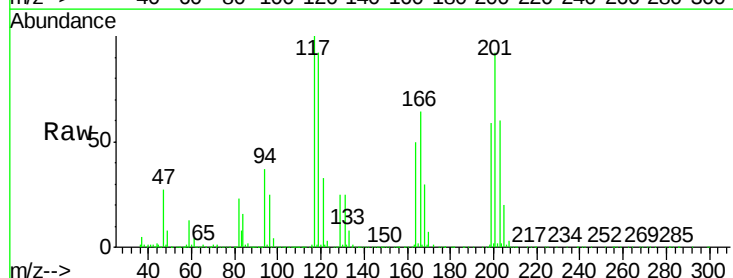
Manual Integrations
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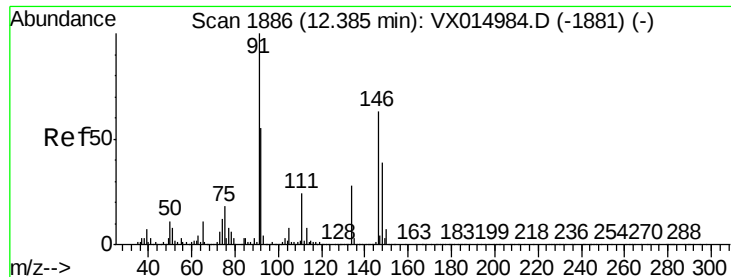
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#86
Hexachloroethane
Concen: 19.237 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014993.D
Acq: 21 Feb 2020 14:12

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	64053		
201	89.0	45.6	136.7	





#87

1,2-Dichlorobenzene

Concen: 20.631 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014993.D

Acq: 21 Feb 2020 14:12

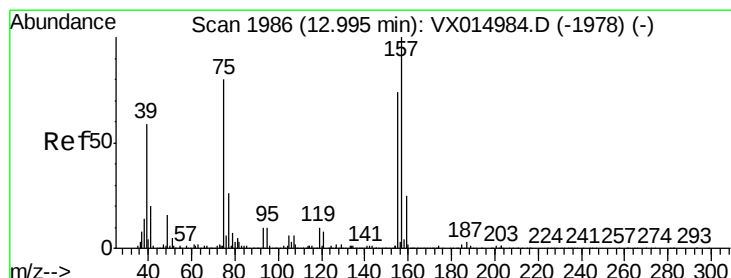
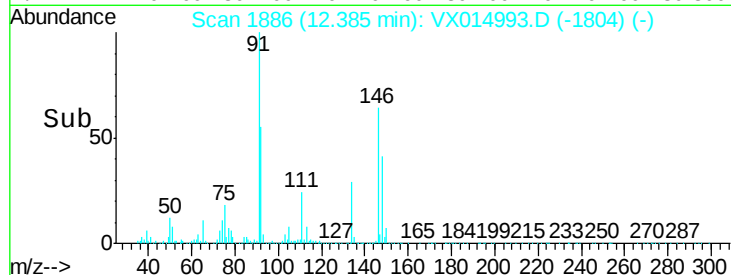
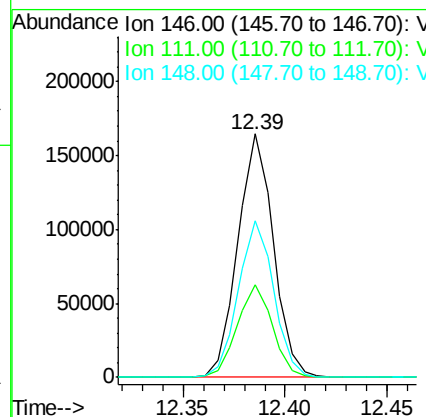
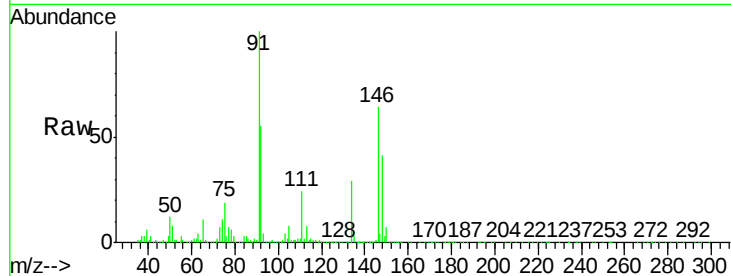
Instrument :
MSVOA_X

ClientSampleId :
VX0221WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	198856		
111	37.8	19.7	59.1	
148	64.2	32.0	96.0	

Manual Integrations
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#88

1,2-Dibromo-3-Chloropropane

Concen: 20.318 ug/l

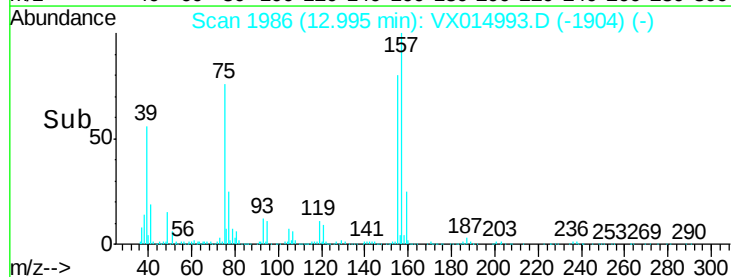
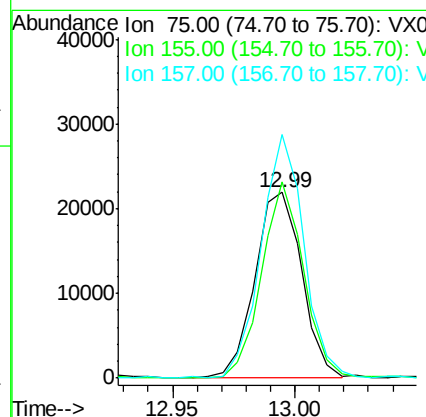
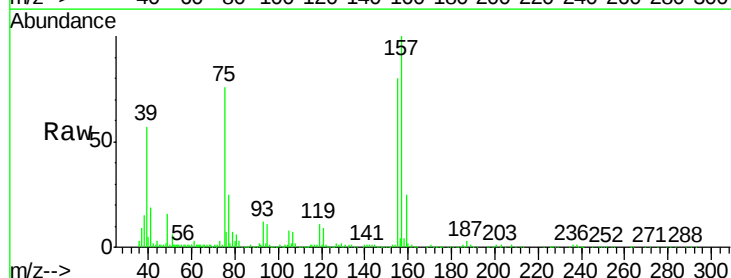
RT: 12.99 min Scan# 1986

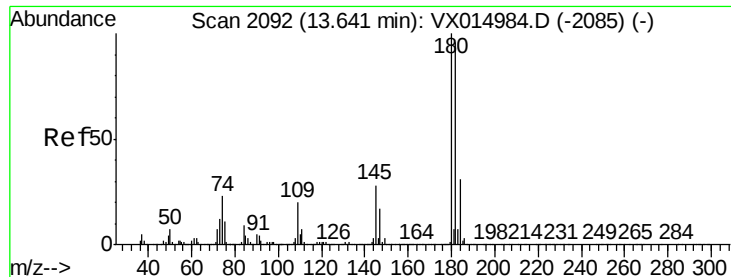
Delta R.T. 0.00 min

Lab File: VX014993.D

Acq: 21 Feb 2020 14:12

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	29135		
155	95.2	74.5	111.7	
157	120.5	96.2	144.4	





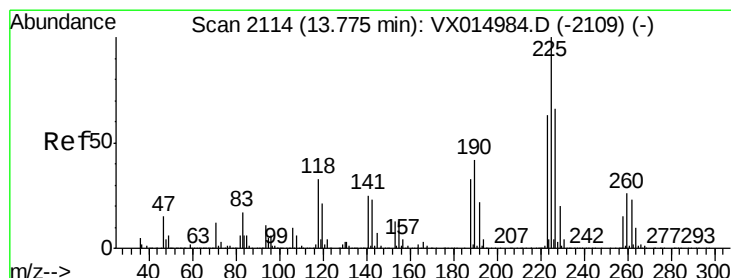
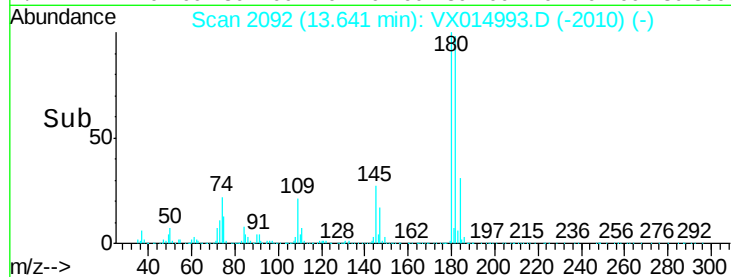
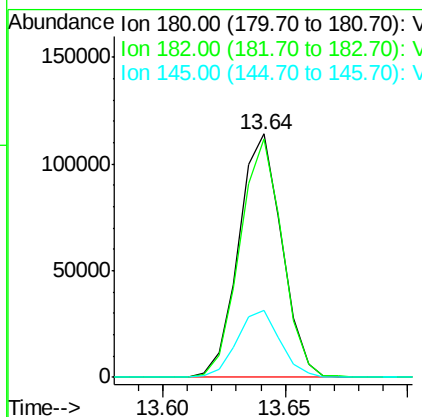
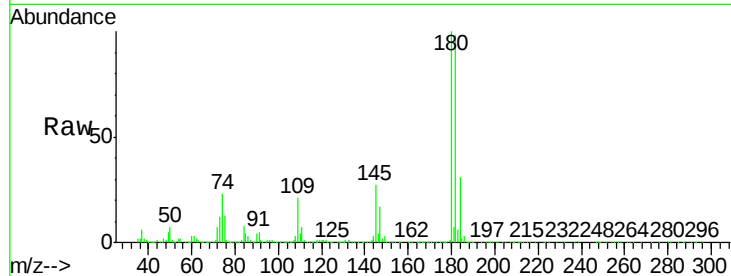
#89
1,2,4-Trichlorobenzene
Concen: 20.100 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. 0.00 min
Lab File: VX014993.D
Acq: 21 Feb 2020 14:12

Instrument :
MSVOA_X
ClientSampleId :
VX0221WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.8	76.4	114.6
145	27.7	21.8	32.6

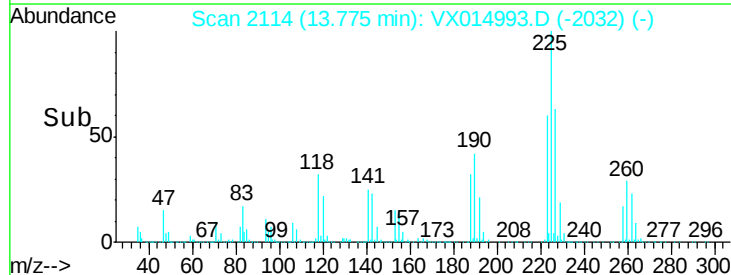
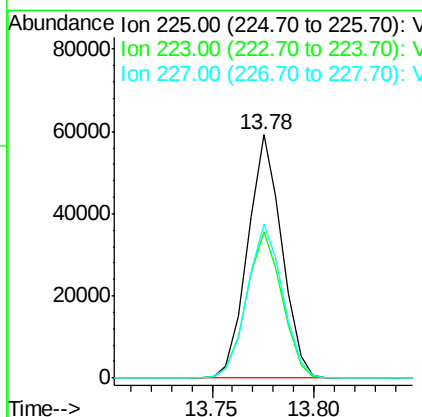
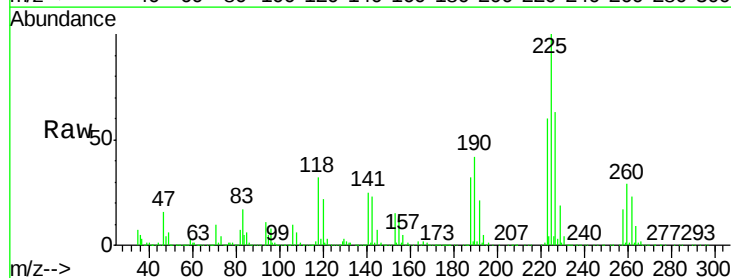
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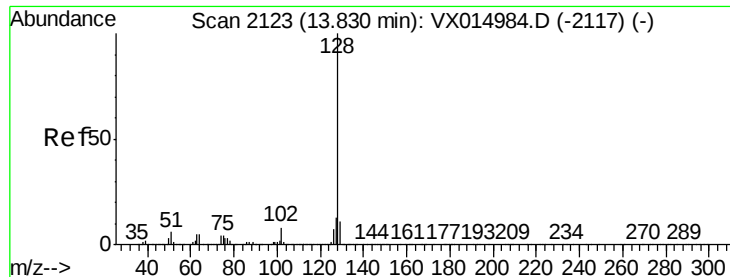
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#90
Hexachlorobutadiene
Concen: 20.055 ug/l
RT: 13.78 min Scan# 2114
Delta R.T. 0.00 min
Lab File: VX014993.D
Acq: 21 Feb 2020 14:12

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.4	0.0	132.0
227	65.7	0.0	131.0





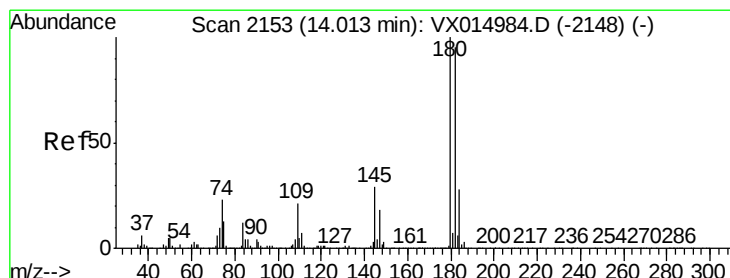
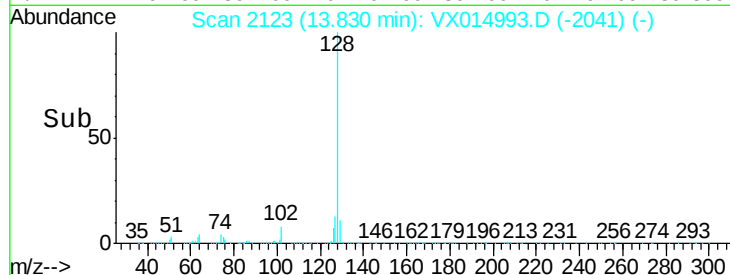
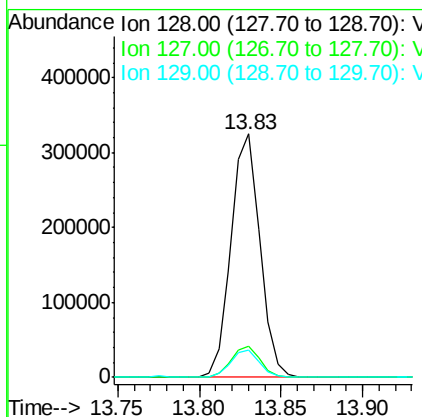
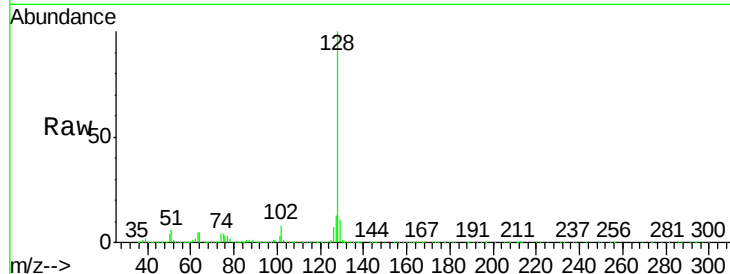
#91
Naphthalene
Concen: 20.407 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014993.D
Acq: 21 Feb 2020 14:12

Instrument :
MSVOA_X
ClientSampleId :
VX0221WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.4
129	11.0	8.6	13.0

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#92
1,2,3-Trichlorobenzene
Concen: 20.262 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014993.D
Acq: 21 Feb 2020 14:12

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	0.0	192.4
145	29.7	0.0	60.4

