

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX041720\
 Data File : VX015742.D
 Acq On : 17 Apr 2020 16:46
 Operator : JC/SP
 Sample : VX0417WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0417WBSD01

Manual Integrations
 APPROVED

MMDadoda
 4/20/2020 10:06:43 AM

Quant Time: Apr 20 05:12:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X032520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 26 02:31:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.99	128	170853	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.84	114	950920	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	876739	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	382464	28.65	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	95.50%
60) 4-Bromofluorobenzene	11.12	95	438092	29.20	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	97.33%
63) Toluene-d8	8.70	98	1109791	29.79	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.30%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	124399	15.247	ug/l 98
3) Chloromethane	1.31	50	174946	17.374	ug/l 98
4) Vinyl Chloride	1.39	62	174841	18.049	ug/l 96
5) Bromomethane	1.64	94	134019	25.988	ug/l 99
6) Chloroethane	1.72	64	116516	19.279	ug/l 99
7) Trichlorofluoromethane	1.92	101	244647	17.672	ug/l 99
8) Diethyl Ether	2.17	74	101318	19.022	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	165905	18.114	ug/l 98
10) 1,1-Dichloroethene	2.36	96	169692	18.240	ug/l 93
11) Methyl Iodide	2.50	142	145765	11.791	ug/l 97
12) Methyl Acetate	2.75	43	255117	18.741	ug/l 98
13) Acrolein	2.27	56	172245	97.265	ug/l 96
14) Acrylonitrile	3.12	53	559542	96.010	ug/l 99
15) Acetone	2.42	58	152652	103.010	ug/l 98
16) Carbon Disulfide	2.55	76	447858	16.468	ug/l 99
17) Allyl chloride	2.71	41	358158	17.052	ug/l 99
18) Methylene Chloride	2.84	84	195926	18.758	ug/l 99
19) trans-1,2-Dichloroethene	3.14	96	184923	18.375	ug/l 96
20) Diisopropyl ether	3.83	45	708391	18.805	ug/l 97
21) 1,1-Dichloroethane	3.67	63	355249	18.474	ug/l 99
22) cis-1,2-Dichloroethene	4.57	96	218029	18.806	ug/l 96
23) tert-Butyl Alcohol	3.01	59	224439	78.294	ug/l # 100
24) Methyl tert-Butyl Ether	3.17	73	634819	18.379	ug/l 97
25) Chloroform	5.18	83	341958	17.990	ug/l 100
26) Cyclohexane	5.55	56	317263	17.268	ug/l # 8
29) 1,1-Dichloropropene	5.77	75	259628	18.173	ug/l 99
30) 2-Butanone	4.64	43	797743	93.147	ug/l 100
31) 2,2-Dichloropropane	4.55	77	300451	17.476	ug/l 100
32) 1,1,1-Trichloroethane	5.47	97	310753	17.828	ug/l 99
33) Carbon Tetrachloride	5.76	117	277212	17.451	ug/l 94
34) Benzene	6.12	78	778479	18.906	ug/l 99
35) Methacrylonitrile	5.01	41	179407	18.473	ug/l 96
36) 1,2-Dichloroethane	6.17	62	295912	18.598	ug/l 98
37) Trichloroethene	7.19	130	217386	18.750	ug/l 95
38) Methylcyclohexane	7.44	83	304355	17.378	ug/l 98
39) 1,2-Dichloropropane	7.49	63	206727	18.692	ug/l 98
40) Dibromomethane	7.64	93	135270	18.375	ug/l 98

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Manual Integrations
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 26 02:31:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.88	83	274313	17.146	ug/l	97
42) Vinyl Acetate	3.79	43	3077440	94.835	ug/l	100
43) Ethyl Acetate	4.79	43	308897	16.581	ug/l	98
44) Isopropyl Acetate	6.42	43	531159	17.716	ug/l	97
45) 1,4-Dioxane	7.72	88	79682	288.501	ug/l	98
46) Methyl methacrylate	7.75	41	259432	17.340	ug/l	98
47) n-amyl Acetate	10.88	43	449118	17.373	ug/l	98
48) t-1,3-Dichloropropene	9.03	75	310211	16.796	ug/l	98
49) cis-1,3-Dichloropropene	8.42	75	340158	17.843	ug/l	95
50) 1,1,2-Trichloroethane	9.20	97	193621	18.328	ug/l	99
51) Ethyl methacrylate	9.16	69	321481	17.694	ug/l	98
52) 1,3-Dichloropropane	9.36	76	351175	19.245	ug/l	99
53) Dibromochloromethane	9.56	129	223111	17.132	ug/l	99
54) 1,2-Dibromoethane	9.65	107	212546	18.750	ug/l	100
55) 2-Chloroethyl vinyl ether	8.29	63	814274	94.888	ug/l	99
56) Bromoform	10.84	173	166994	15.595	ug/l	98
58) 4-Methyl-2-Pentanone	8.62	43	1587469	94.607	ug/l	99
59) 2-Hexanone	9.47	43	1186431	92.942	ug/l	98
61) Tetrachloroethene	9.32	164	202170	17.940	ug/l	99
62) Toluene	8.77	91	832760	18.753	ug/l	99
64) Chlorobenzene	10.12	112	548886	19.224	ug/l	97
65) 1,1,1,2-Tetrachloroethane	10.21	131	208010	17.829	ug/l	96
66) Ethyl Benzene	10.24	91	957935	18.883	ug/l	100
67) m/p-Xylenes	10.34	106	727550	37.891	ug/l	97
68) o-Xylene	10.68	106	346484	18.461	ug/l	100
69) Styrene	10.70	104	605902	18.530	ug/l	99
70) Isopropylbenzene	11.00	105	953846	19.171	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.25	83	302233	18.742	ug/l	99
72) 1,2,3-Trichloropropane	11.28	75	278244m	18.440	ug/l	
73) Bromobenzene	11.24	156	249719	18.697	ug/l	96
74) n-propylbenzene	11.34	91	1084517	19.004	ug/l	100
75) 2-Chlorotoluene	11.40	91	651990	18.784	ug/l	98
76) 1,3,5-Trimethylbenzene	11.49	105	789002	18.466	ug/l	99
77) t-1,4-Dichloro-2-butene	11.06	75	95827	14.737	ug/l	99
78) 4-Chlorotoluene	11.49	91	748297	18.636	ug/l	97
79) tert-butylbenzene	11.76	119	790161	18.503	ug/l	98
80) 1,2,4-Trimethylbenzene	11.79	105	800461	18.494	ug/l	98
81) sec-Butylbenzene	11.93	105	908489	18.546	ug/l	99
82) p-Isopropyltoluene	12.05	119	847058	18.346	ug/l	99
83) 1,3-Dichlorobenzene	12.01	146	446909	18.609	ug/l	99
84) 1,4-Dichlorobenzene	12.08	146	461616	19.261	ug/l	98
85) n-Butylbenzene	12.37	91	742446	18.041	ug/l	100
86) Hexachloroethane	12.58	117	133433	14.953	ug/l	99
87) 1,2-Dichlorobenzene	12.38	146	439694	18.766	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	12.98	75	69429	16.346	ug/l	93
89) 1,2,4-Trichlorobenzene	13.63	180	336410	17.824	ug/l	98
90) Hexachlorobutadiene	13.76	225	135778	13.656	ug/l	99
91) Naphthalene	13.82	128	1005837	18.404	ug/l	99
92) 1,2,3-Trichlorobenzene	14.00	180	336393	17.941	ug/l	98

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ClientSampleId :
VX0417WBSD01

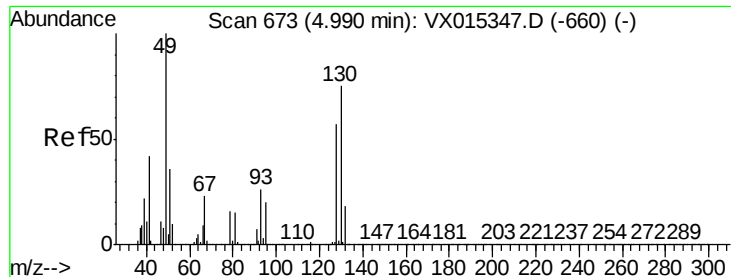
Manual Integrations
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QLast Update : Thu Mar 26 02:31:53 2020
Response via : Initial Calibration

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: 4.99 min Scan# 673

Delta R.T. 0.00 min

Lab File: VX015742.D

Acq: 17 Apr 2020 16:46

Instrument :

MSVOA_X

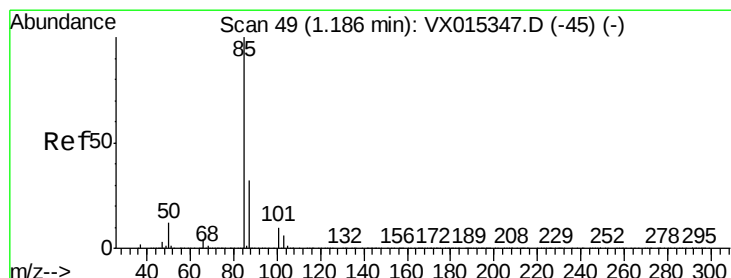
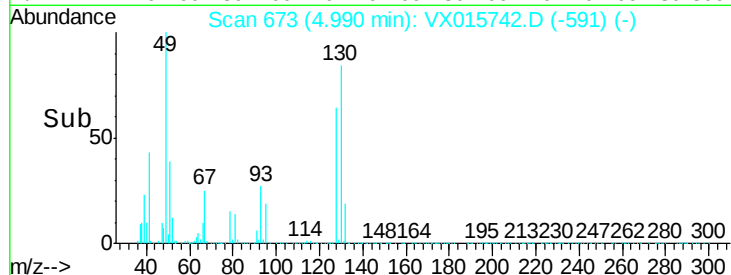
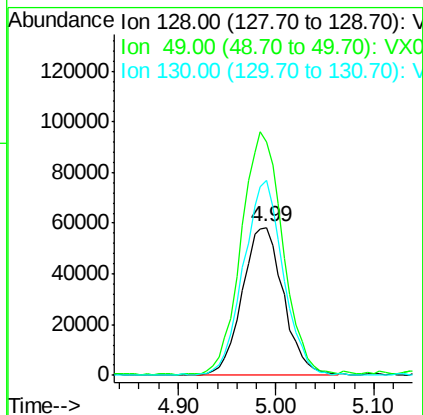
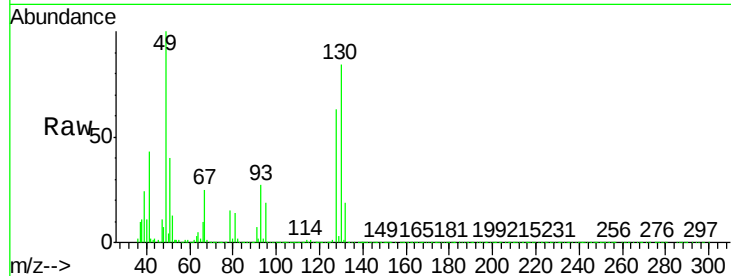
ClientSampleId :

VX0417WBSD01

Tot Ion:	128	Resp:	170853
Ion Ratio	Lower	Upper	
128	100		
49	167.2	0.0	428.0
130	127.7	0.0	324.5

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#2

Dichlorodifluoromethane

Concen: 15.247 ug/l

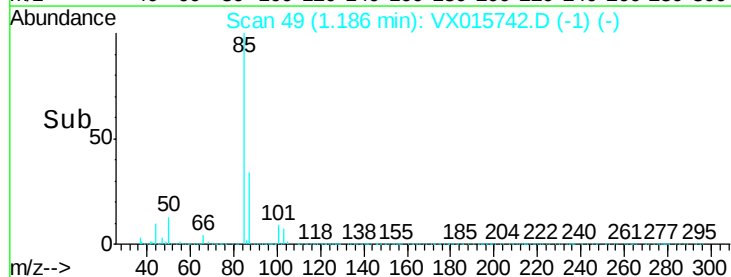
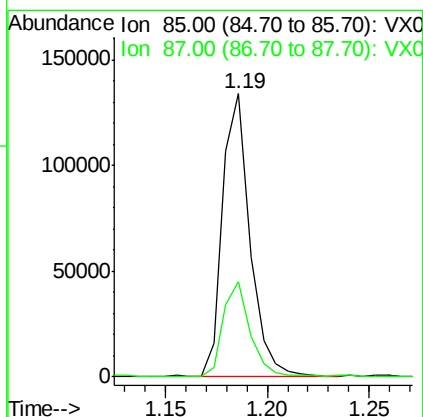
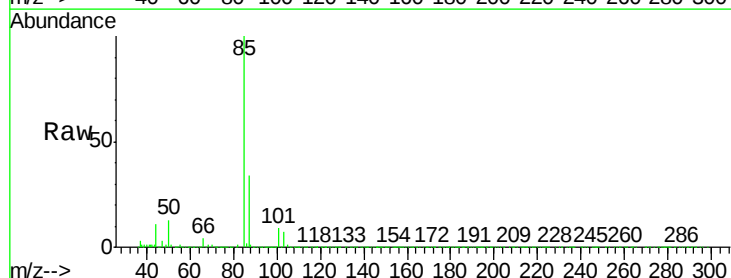
RT: 1.19 min Scan# 49

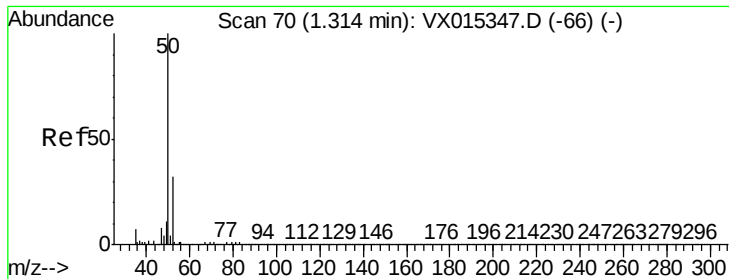
Delta R.T. 0.00 min

Lab File: VX015742.D

Acq: 17 Apr 2020 16:46

Tgt Ion:	85	Resp:	124399
Ion Ratio	Lower	Upper	
85	100		
87	33.5	16.3	48.9





#3

Chloromethane

Concen: 17.374 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX015742.D

Acq: 17 Apr 2020 16:46

Instrument :

MSVOA_X

ClientSampleId :

VX0417WBSD01

Tot Ion: 50 Resp: 174946

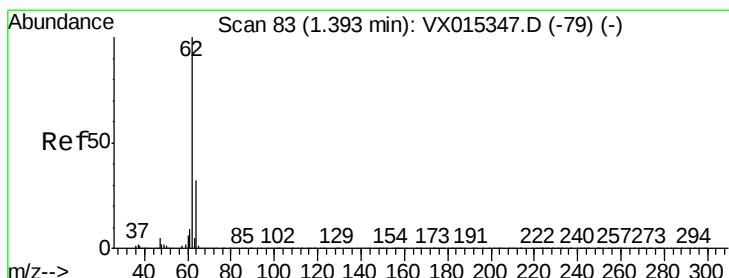
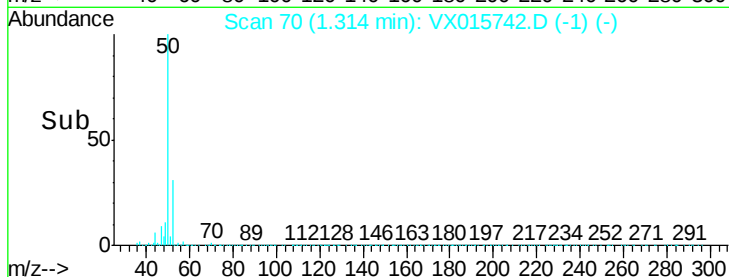
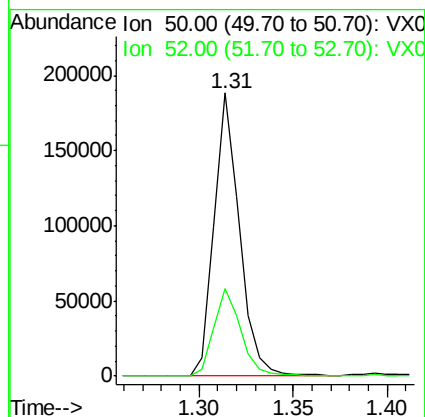
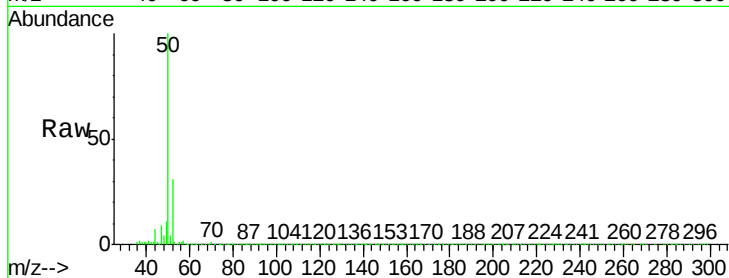
Ion Ratio Lower Upper

50 100

52 30.9 25.5 38.3

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#4

Vinyl Chloride

Concen: 18.049 ug/l

RT: 1.39 min Scan# 83

Delta R.T. 0.00 min

Lab File: VX015742.D

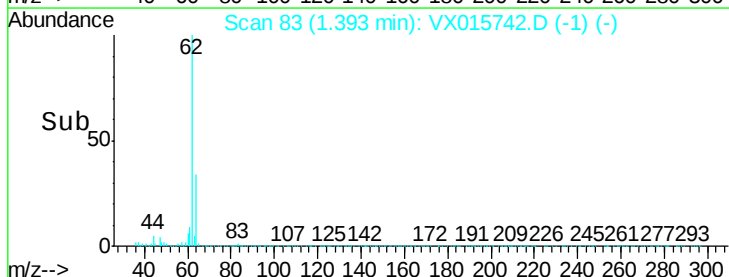
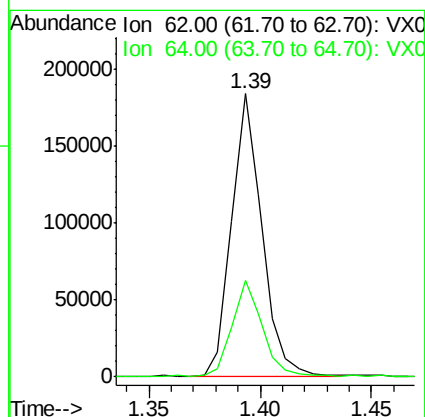
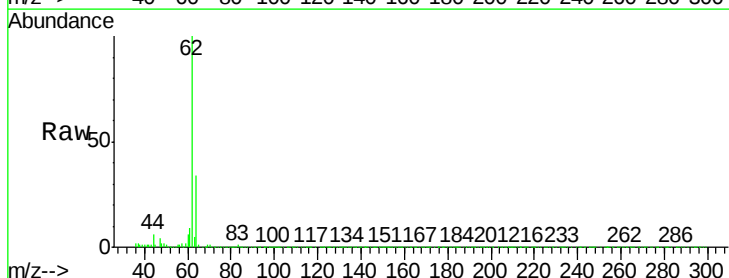
Acq: 17 Apr 2020 16:46

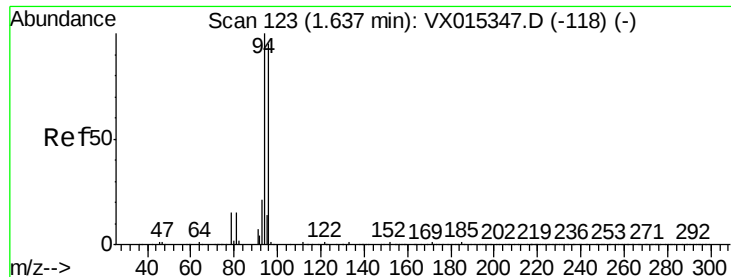
Tgt Ion: 62 Resp: 174841

Ion Ratio Lower Upper

62 100

64 33.9 25.4 38.0





#5

Bromomethane

Concen: 25.988 ug/l

RT: 1.64 min Scan# 123

Delta R.T. 0.00 min

Lab File: VX015742.D

Acq: 17 Apr 2020 16:46

Instrument :

MSVOA_X

ClientSampleId :

VX0417WBSD01

Tot Ion: 94 Resp: 134019

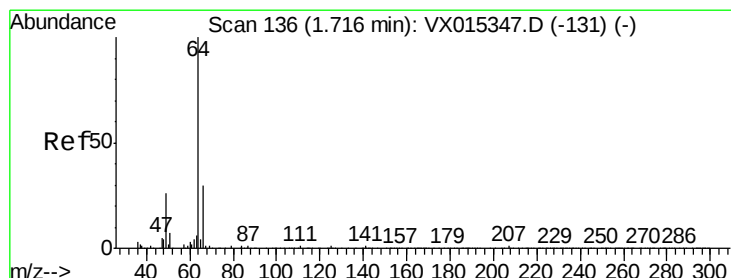
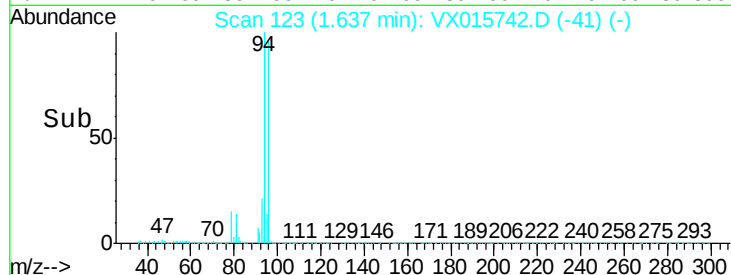
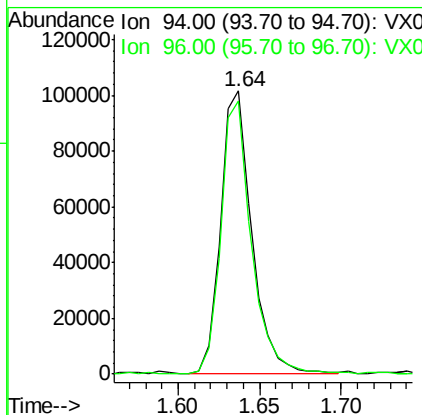
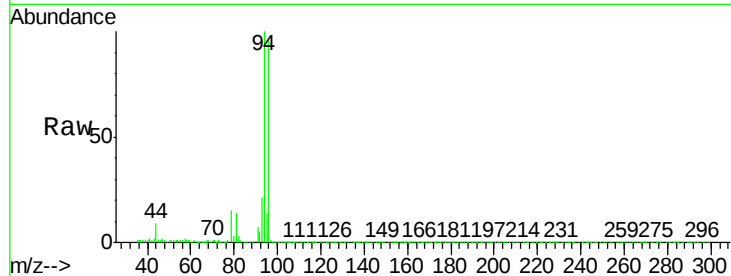
Ion Ratio Lower Upper

94 100

96 96.4 76.1 114.1

Manual Integrations
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#6

Chloroethane

Concen: 19.279 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX015742.D

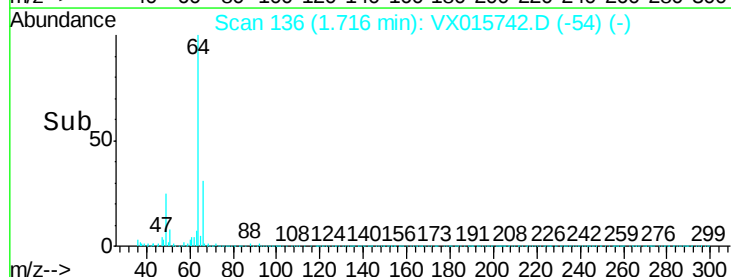
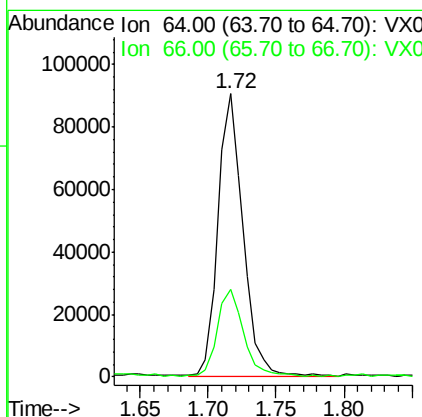
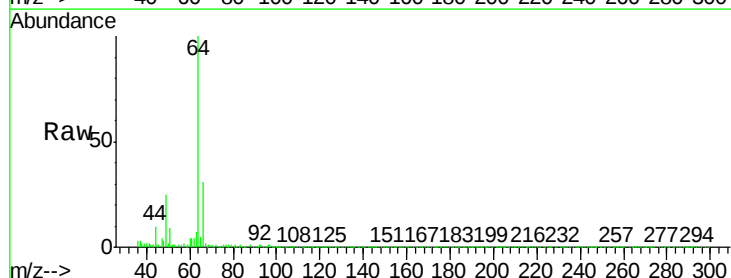
Acq: 17 Apr 2020 16:46

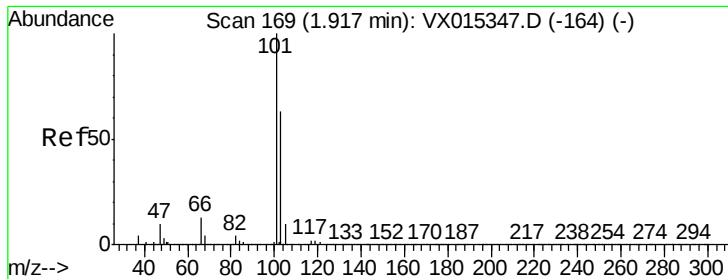
Tgt Ion: 64 Resp: 116516

Ion Ratio Lower Upper

64 100

66 31.1 24.3 36.5





#7

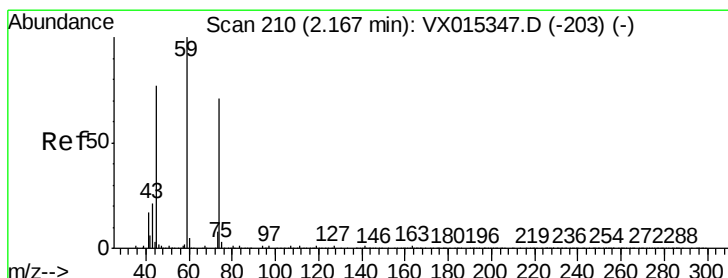
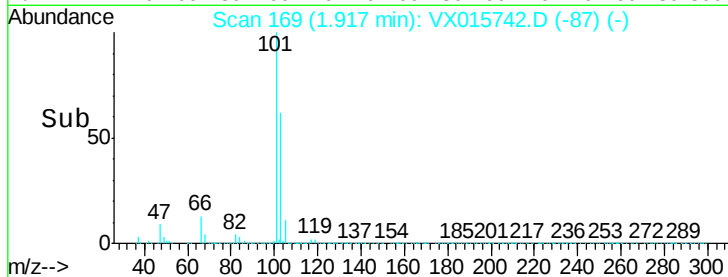
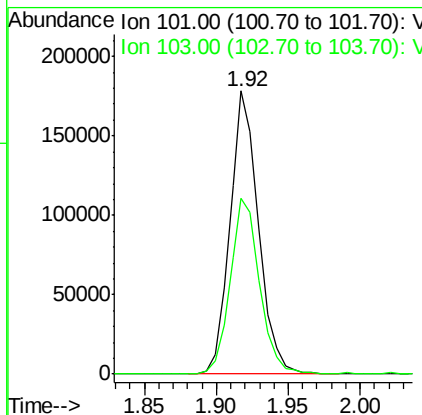
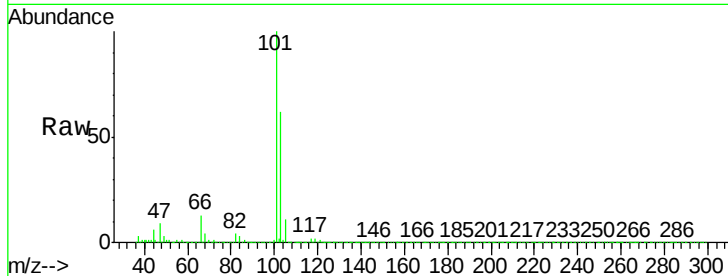
Trichlorofluoromethane
 Concen: 17.672 ug/l
 RT: 1.92 min Scan# 169
 Delta R.T. 0.00 min
 Lab File: VX015742.D
 Acq: 17 Apr 2020 16:46

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 ClientSampleId :
 VX0417WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	61.9	49.9	74.9

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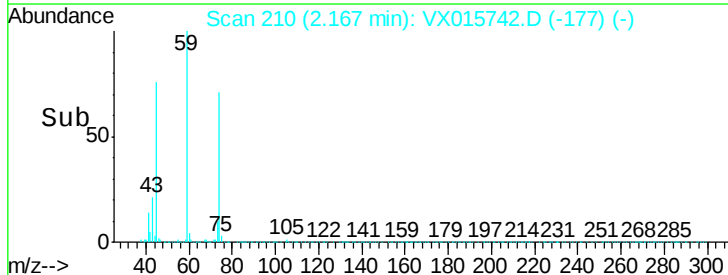
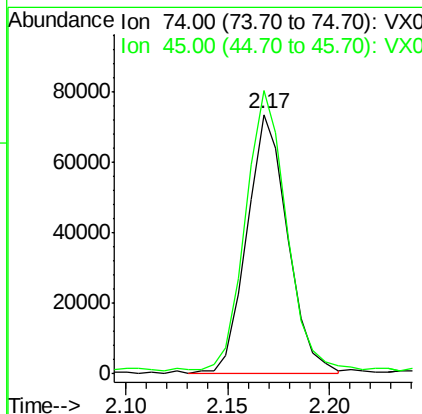
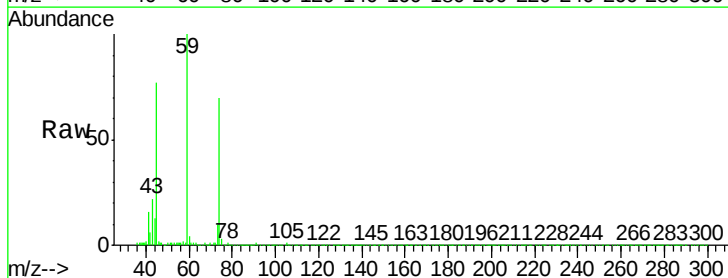
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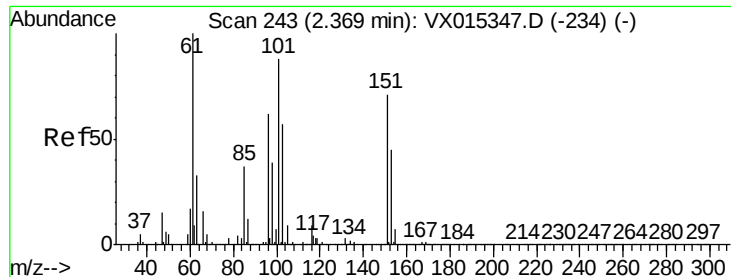


#8

Diethyl Ether
 Concen: 19.022 ug/l
 RT: 2.17 min Scan# 210
 Delta R.T. 0.00 min
 Lab File: VX015742.D
 Acq: 17 Apr 2020 16:46

Tgt Ion	Ratio	Lower	Upper
74	100		
45	110.1	21.8	196.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.114 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX015742.D

Acq: 17 Apr 2020 16:46

Instrument :

MSVOA_X

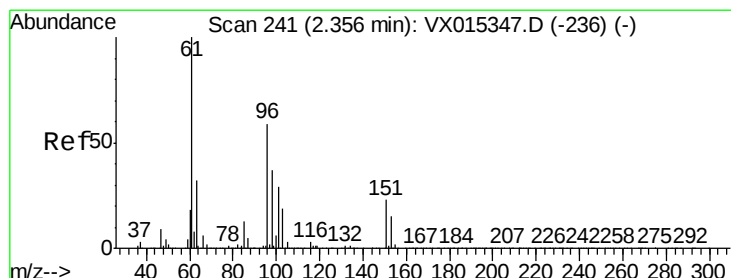
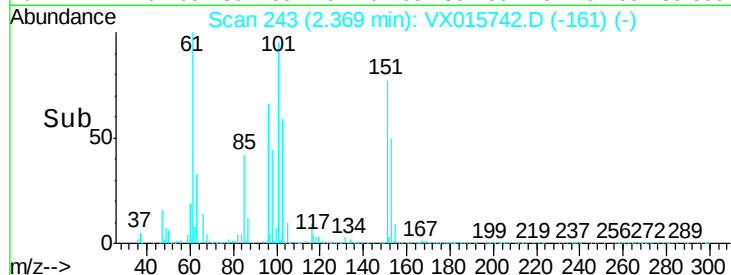
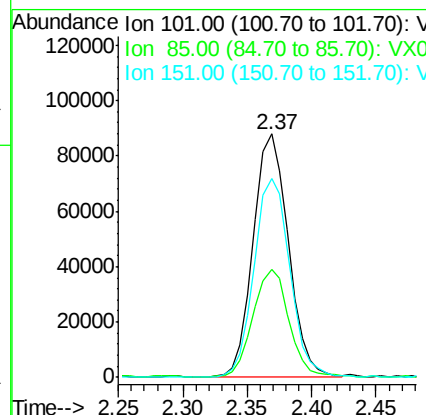
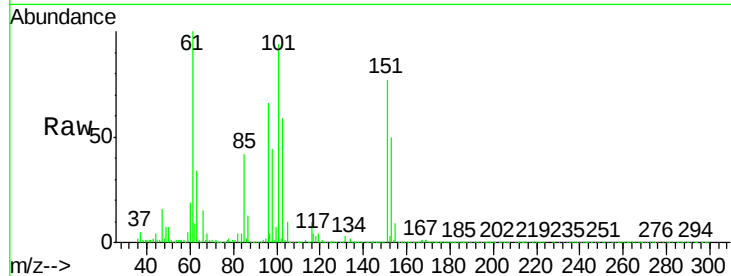
ClientSampleId :

VX0417WBSD01

Tot Ion:	101	Resp:	165905
Ion Ratio	Lower	Upper	
101	100		
85	45.4	0.0	85.8
151	83.1	0.0	164.6

Manual Integrations
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#10

1,1-Dichloroethene

Concen: 18.240 ug/l

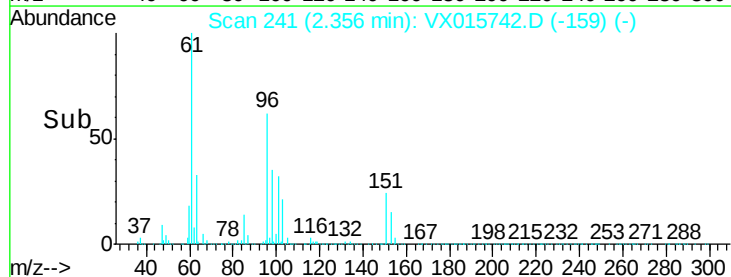
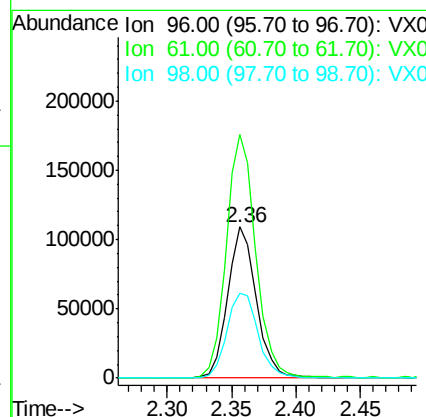
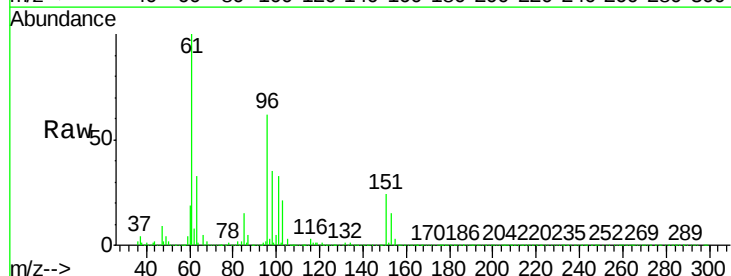
RT: 2.36 min Scan# 241

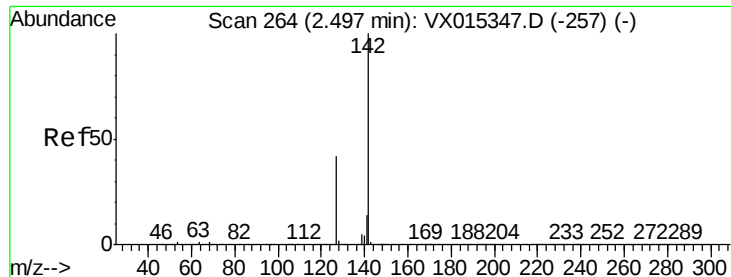
Delta R.T. 0.00 min

Lab File: VX015742.D

Acq: 17 Apr 2020 16:46

Tgt Ion:	96	Resp:	169692
Ion Ratio	Lower	Upper	
96	100		
61	160.9	135.5	203.3
98	55.9	50.2	75.2





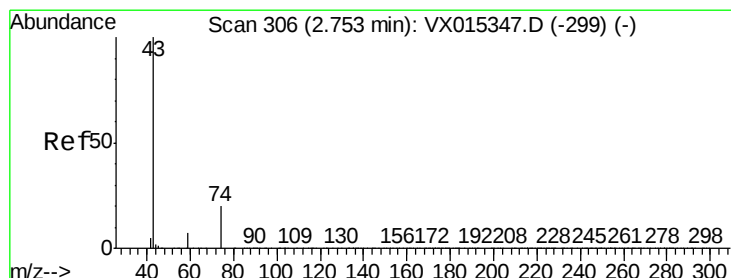
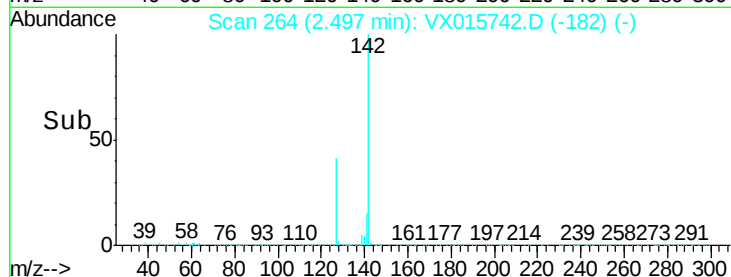
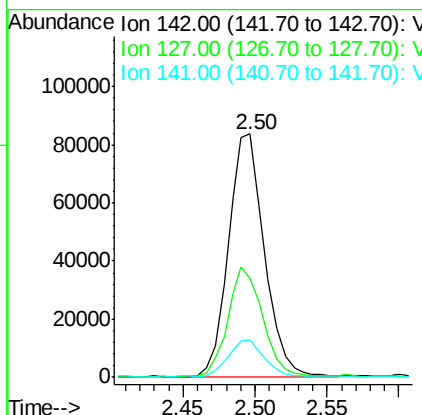
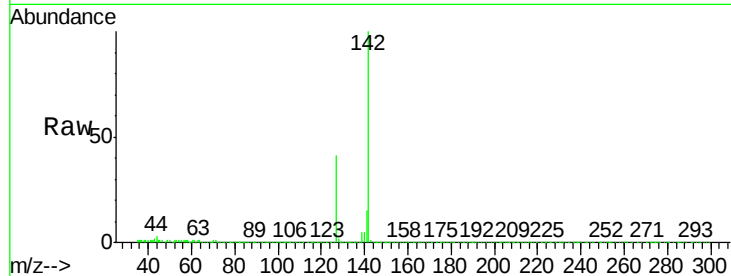
#11
Methvl Iodide
Concen: 11.791 ug/l
RT: 2.50 min Scan# 264
Delta R.T. 0.00 min
Lab File: VX015742.D
Acq: 17 Apr 2020 16:46

Instrument :
MSVOA_X
ClientSampleId :
VX0417WBSD01

Tot Ion:	142	Resp:	145765
Ion Ratio	Lower	Upper	
142	100		
127	40.4	21.0	63.0
141	15.0	6.9	20.7

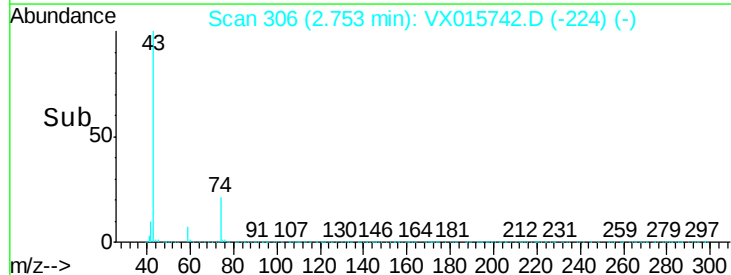
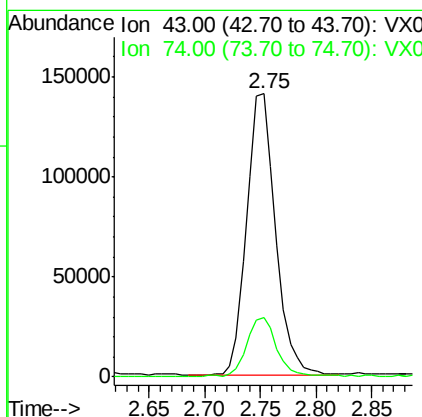
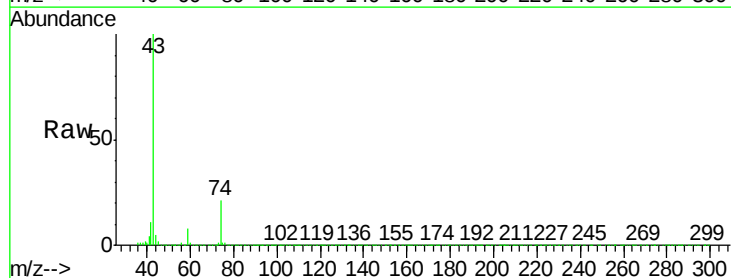
Manual Integrations
APPROVED

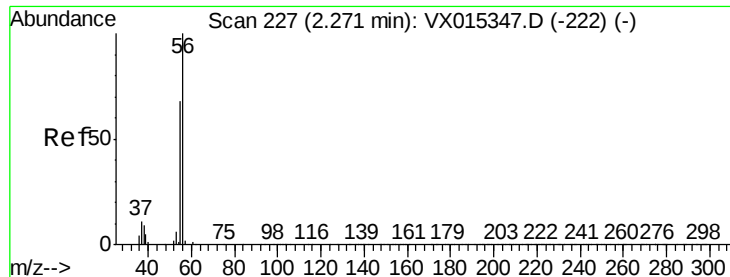
MMDadoda
4/20/2020 10:06:43 AM



#12
Methyl Acetate
Concen: 18.741 ug/l
RT: 2.75 min Scan# 306
Delta R.T. 0.00 min
Lab File: VX015742.D
Acq: 17 Apr 2020 16:46

Tgt Ion:	43	Resp:	255117
Ion Ratio	Lower	Upper	
43	100		
74	20.8	15.8	23.6





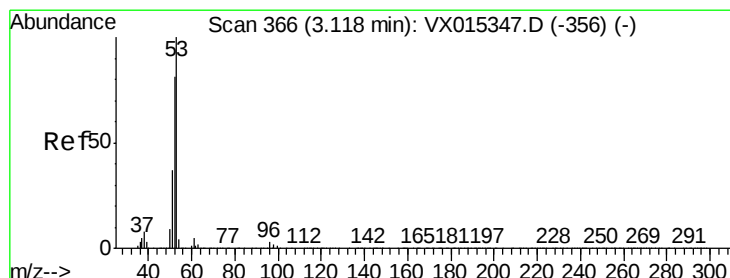
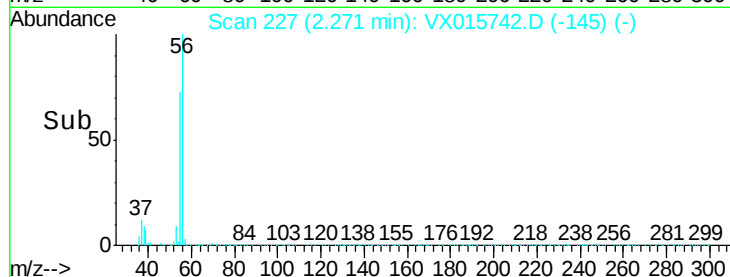
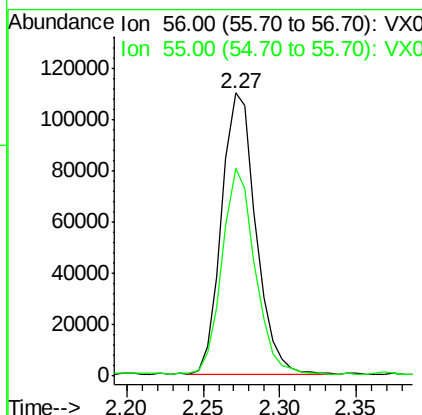
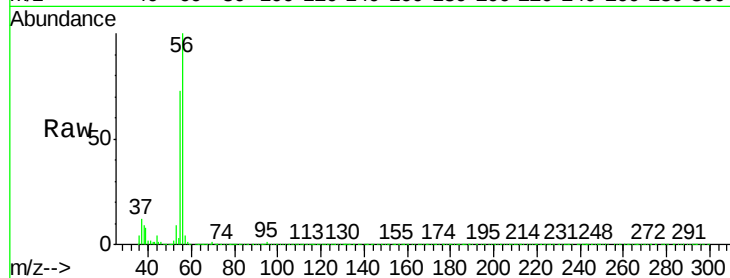
#13
Acrolein
Concen: 97.265 ug/l
RT: 2.27 min Scan# 227
Delta R.T. 0.00 min
Lab File: VX015742.D
Acq: 17 Apr 2020 16:46

Instrument :
MSVOA_X
ClientSampleId :
VX0417WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
55	69.9	53.5	80.3	

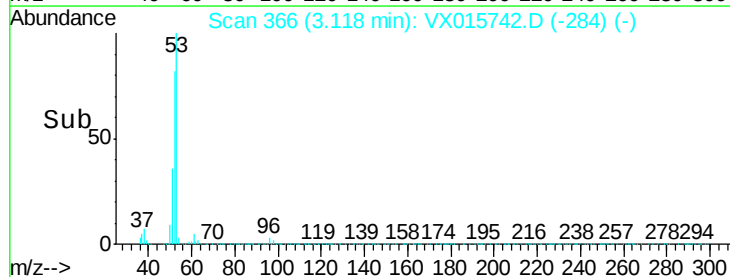
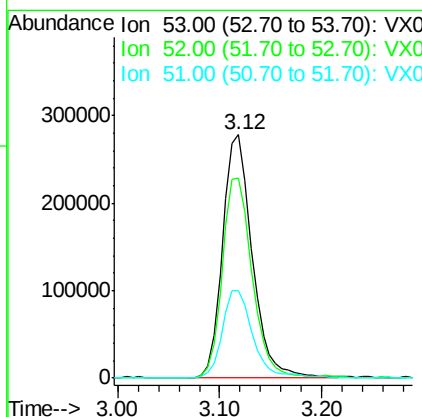
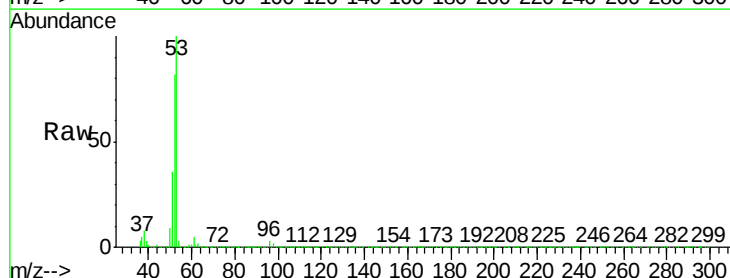
Manual Integrations
APPROVED

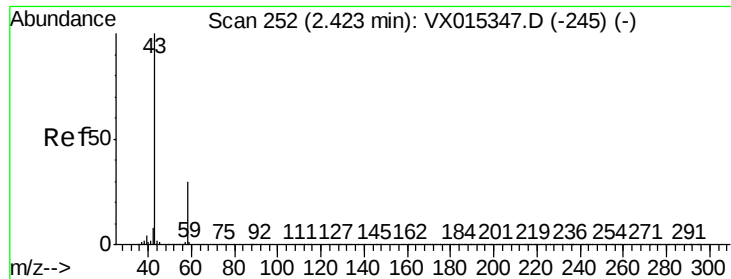
MMDadoda
4/20/2020 10:06:43 AM



#14
Acrylonitrile
Concen: 96.010 ug/l
RT: 3.12 min Scan# 366
Delta R.T. 0.00 min
Lab File: VX015742.D
Acq: 17 Apr 2020 16:46

Tgt Ion	Ion	Ratio	Lower	Upper
53	100			
52	82.6	41.0	123.2	
51	37.3	18.4	55.4	





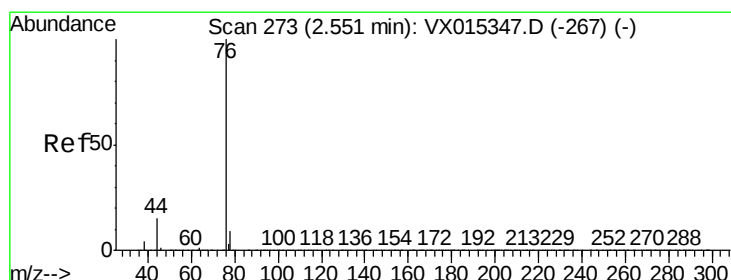
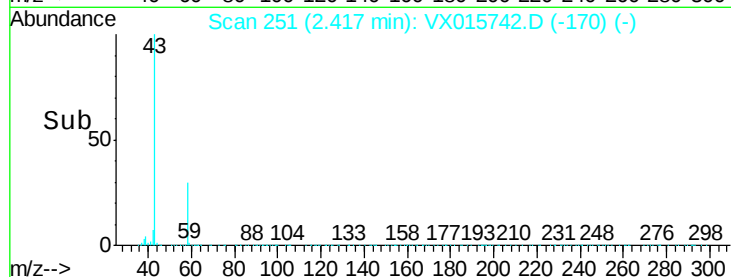
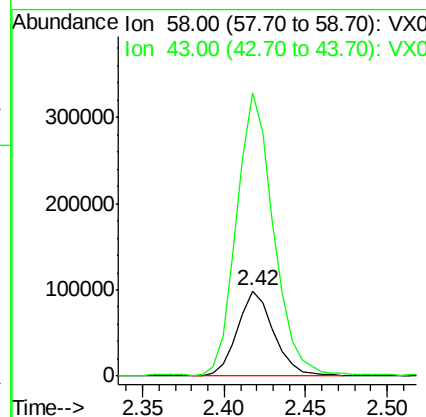
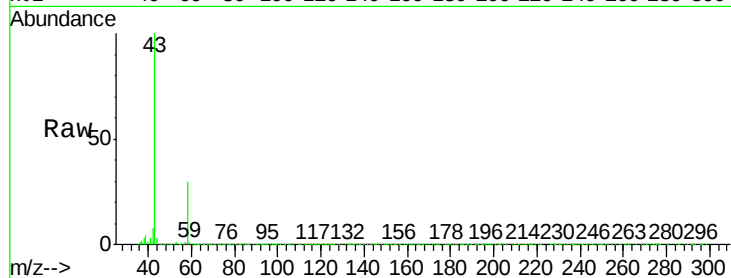
#15
Acetone
Concen: 103.010 ug/l
RT: 2.42 min Scan# 251
Delta R.T. -0.01 min
Lab File: VX015742.D
Acq: 17 Apr 2020 16:46

Instrument :
MSVOA_X
ClientSampleId :
VX0417WBSD01

Tot Ion	Ratio	Lower	Upper
58	100		
43	331.2	267.8	401.8

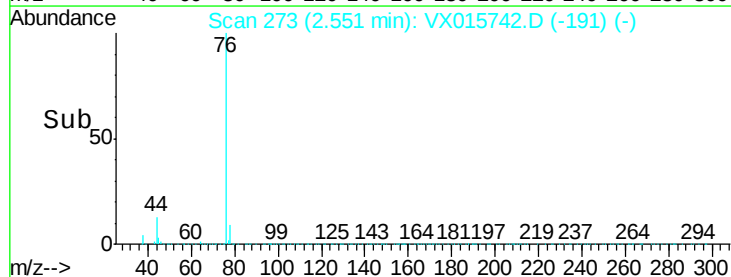
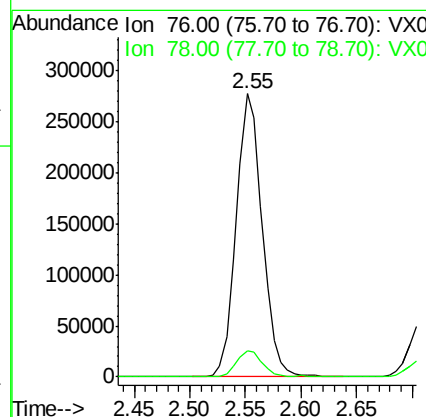
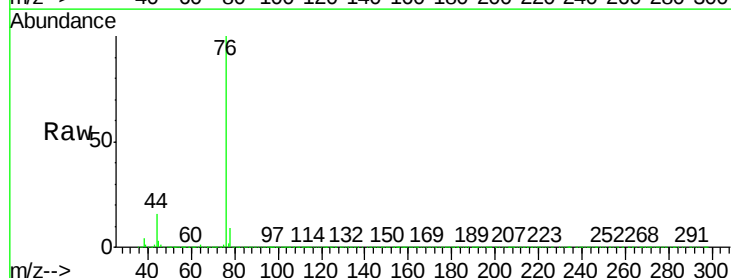
Manual Integrations
APPROVED

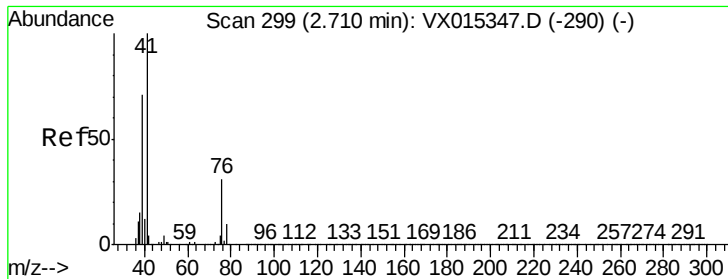
MMDadoda
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#16
Carbon Disulfide
Concen: 16.468 ug/l
RT: 2.55 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX015742.D
Acq: 17 Apr 2020 16:46

Tgt Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.4	11.2





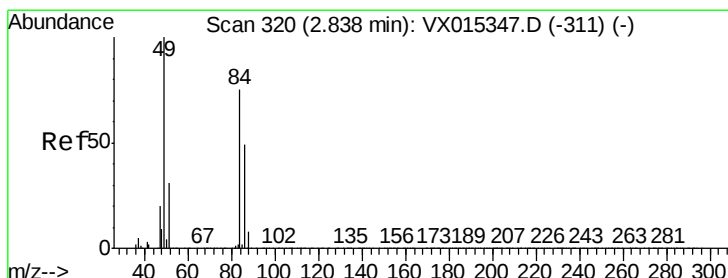
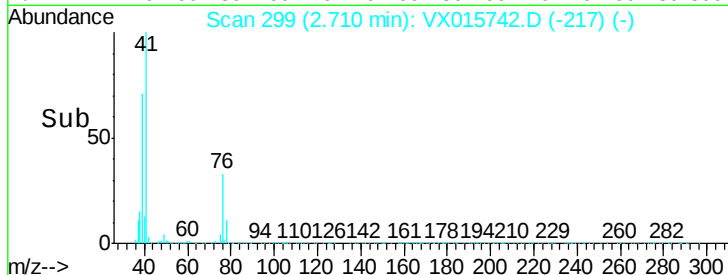
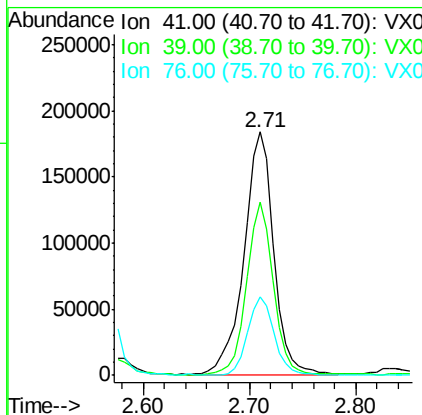
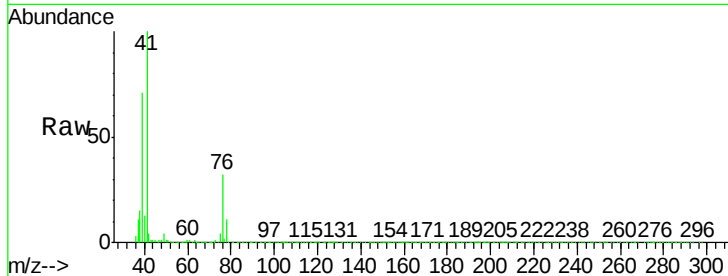
#17
Allvl chloride
Concen: 17.052 ug/l
RT: 2.71 min Scan# 299
Delta R.T. 0.00 min
Lab File: VX015742.D
Acq: 17 Apr 2020 16:46

Instrument :
MSVOA_X
ClientSampleId :
VX0417WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
41	100			
39	70.9	35.6	106.8	
76	32.1	15.4	46.4	

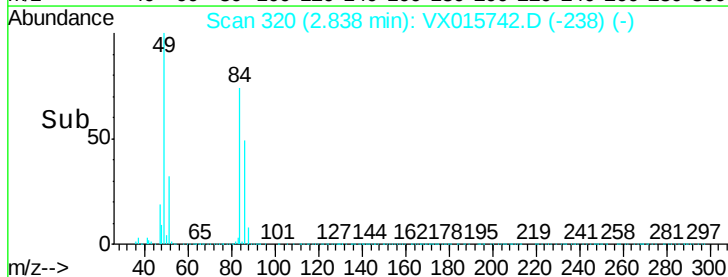
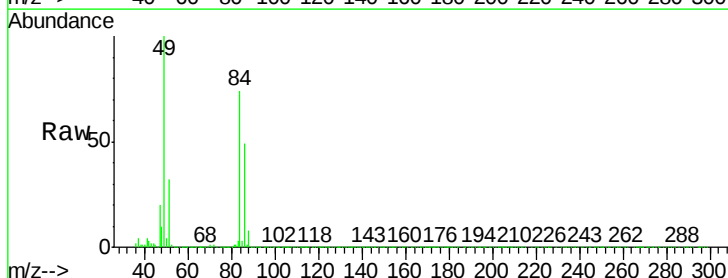
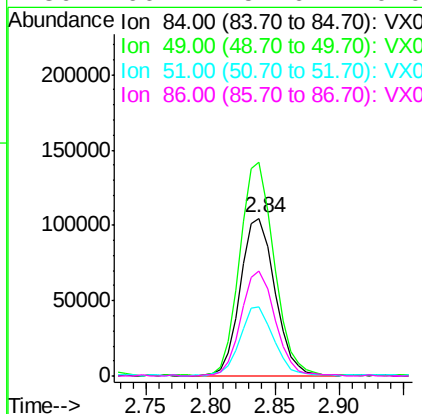
Manual Integrations
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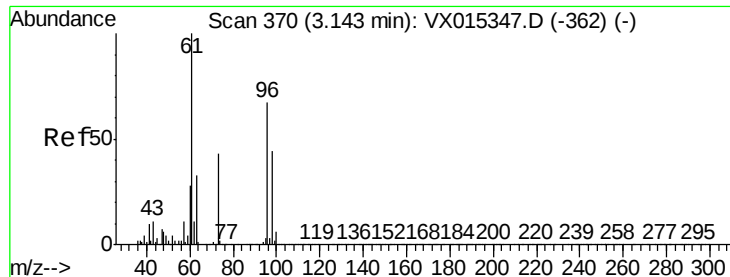
MMDadoda
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#18
Methylene Chloride
Concen: 18.758 ug/l
RT: 2.84 min Scan# 320
Delta R.T. 0.00 min
Lab File: VX015742.D
Acq: 17 Apr 2020 16:46

Tgt Ion	Ratio	Resp	Lower	Upper
84	100			
49	134.8	107.0	160.4	
51	43.1	33.4	50.0	
86	66.1	52.6	79.0	





#19

trans-1,2-Dichloroethene

Concen: 18.375 ug/l

RT: 3.14 min Scan# 370

Delta R.T. 0.00 min

Lab File: VX015742.D

Acq: 17 Apr 2020 16:46

Instrument :

MSVOA_X

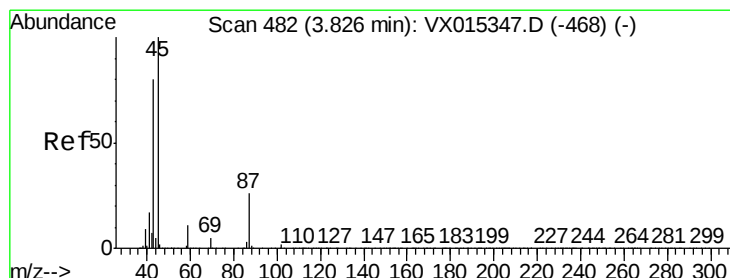
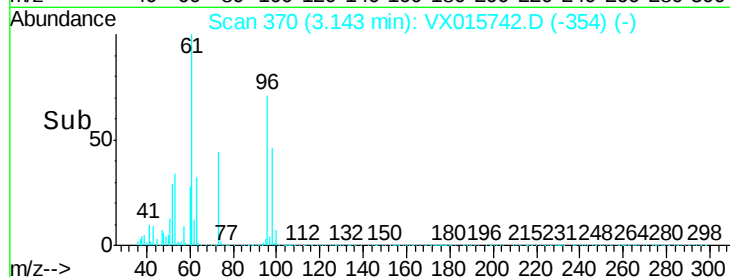
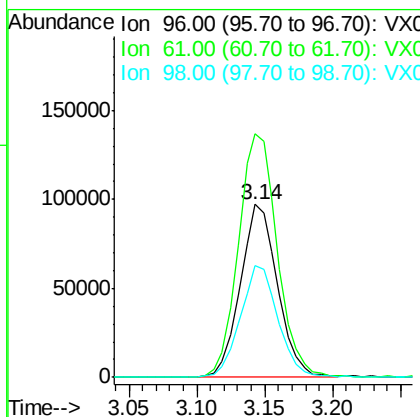
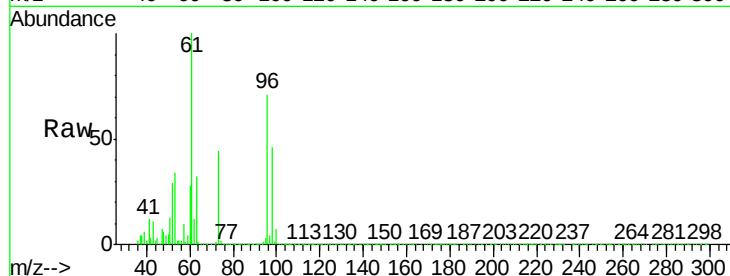
ClientSampleId :

VX0417WBSD01

Tot Ion:	96	Resp:	184923
Ion Ratio	Lower	Upper	
96	100		
61	141.1	118.2	177.2
98	64.7	51.9	77.9

Manual Integrations
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#20

Diisopropyl ether

Concen: 18.805 ug/l

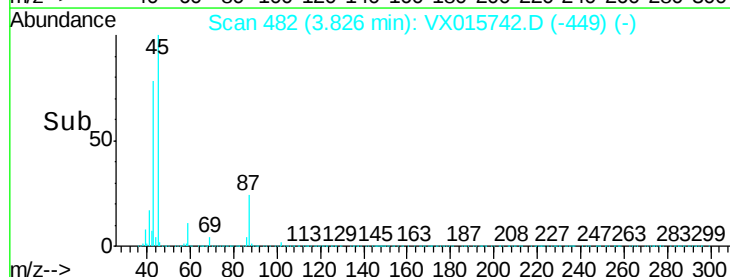
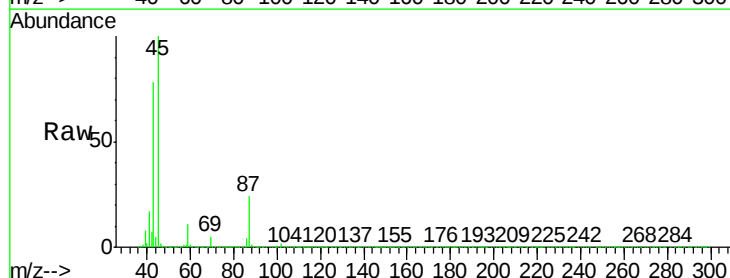
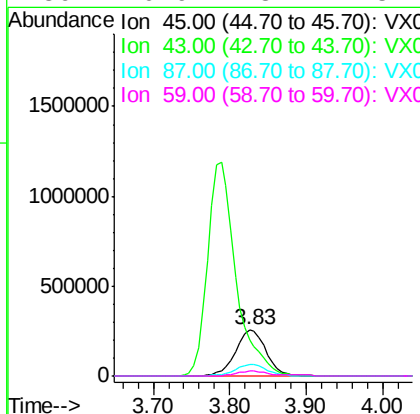
RT: 3.83 min Scan# 482

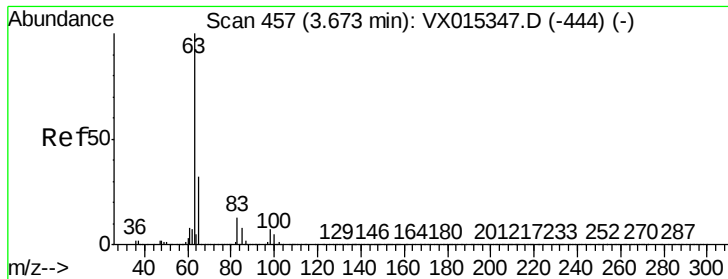
Delta R.T. 0.00 min

Lab File: VX015742.D

Acq: 17 Apr 2020 16:46

Tgt Ion:	45	Resp:	708391
Ion Ratio	Lower	Upper	
45	100		
43	77.5	64.4	96.6
87	23.7	20.4	30.6
59	10.9	8.7	13.1





#21

1,1-Dichloroethane

Concen: 18.474 ug/l

RT: 3.67 min Scan# 457

Delta R.T. 0.00 min

Lab File: VX015742.D

Acq: 17 Apr 2020 16:46

Instrument :

MSVOA_X

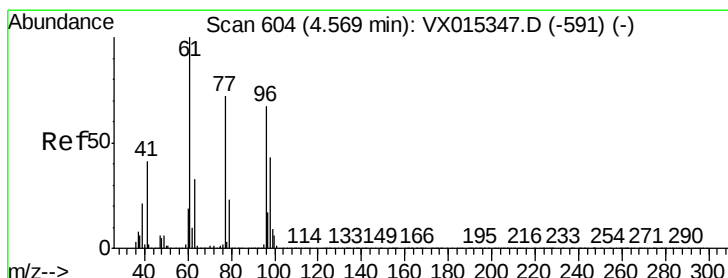
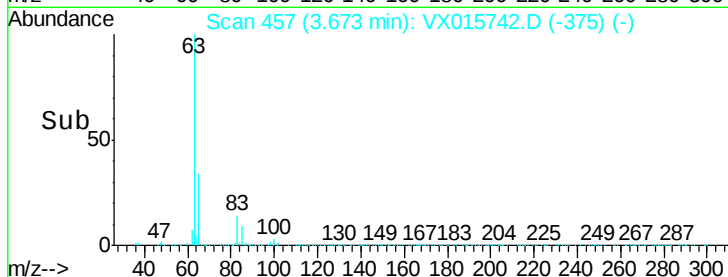
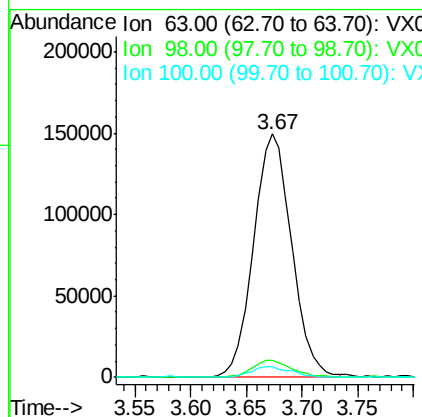
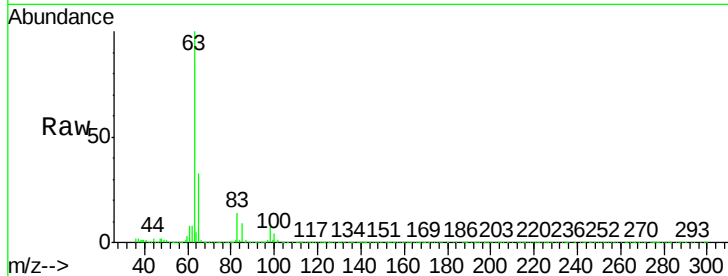
ClientSampleId :

VX0417WBSD01

Tot Ion	Ratio	Resp Lower	Upper
63	100		
98	6.7	3.3	9.9
100	4.0	2.3	6.8

Manual Integrations
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#22

cis-1,2-Dichloroethene

Concen: 18.806 ug/l

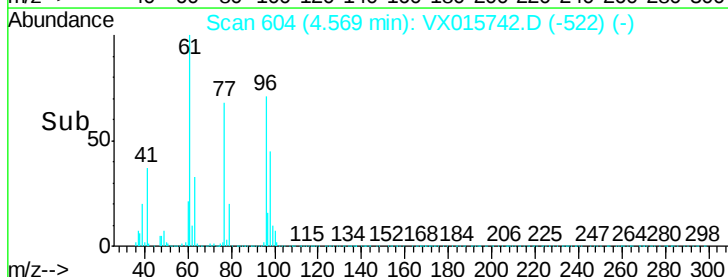
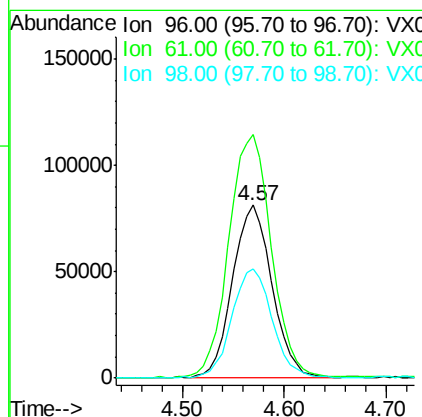
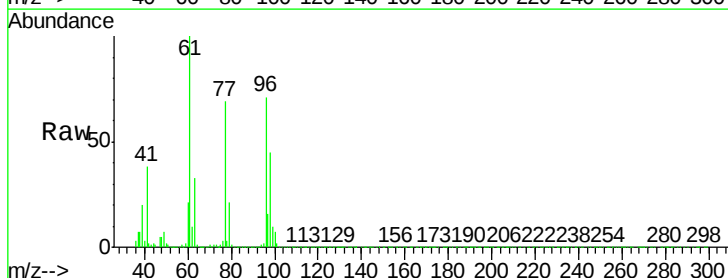
RT: 4.57 min Scan# 604

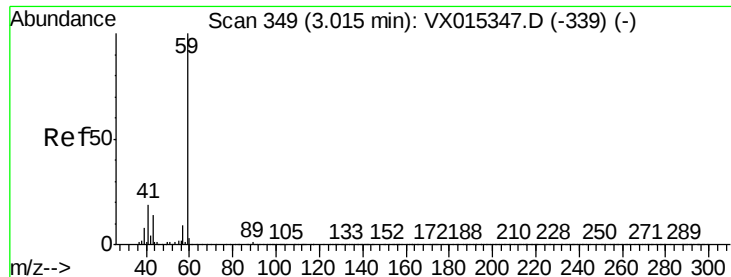
Delta R.T. 0.00 min

Lab File: VX015742.D

Acq: 17 Apr 2020 16:46

Tgt Ion	Ratio	Resp Lower	Upper
96	100		
61	151.6	127.2	190.8
98	63.8	51.8	77.6





#23

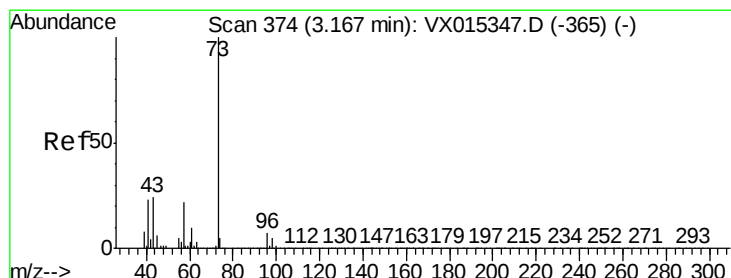
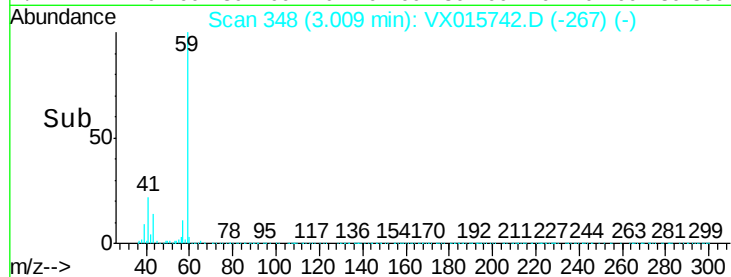
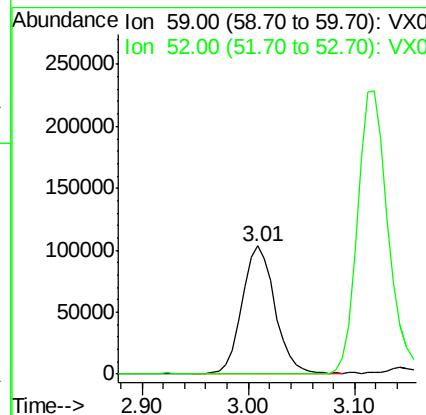
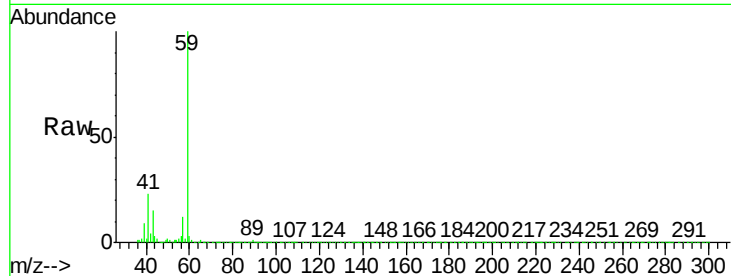
tert-Butyl Alcohol
 Concen: 78.294 ug/l
 RT: 3.01 min Scan# 348
 Delta R.T. -0.01 min
 Lab File: VX015742.D
 Acq: 17 Apr 2020 16:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0417WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
59	59	100	224439		
52	52	0.1	0.2	0.2	0.2#

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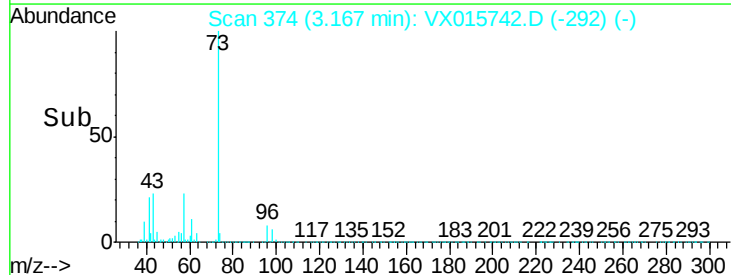
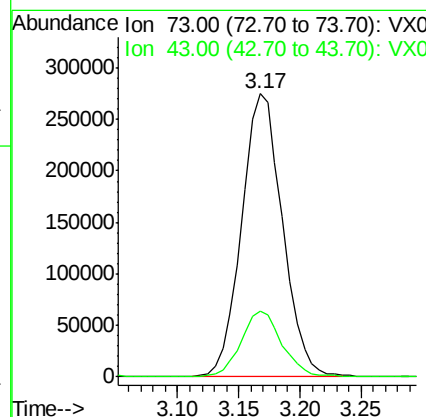
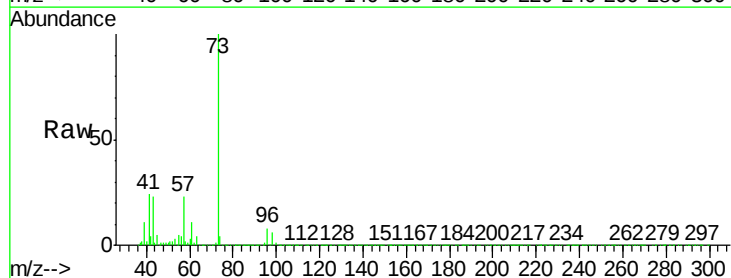
MMDadoda
 4/20/2020 10:06:43 AM

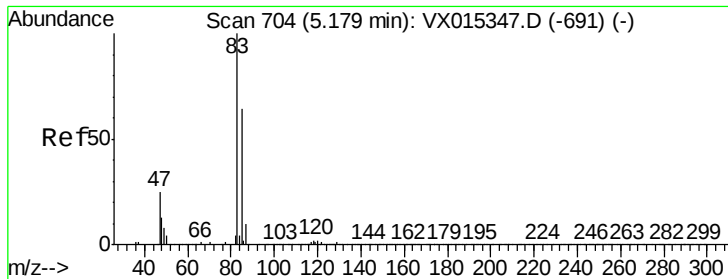


#24

Methyl tert-Butyl Ether
 Concen: 18.379 ug/l
 RT: 3.17 min Scan# 374
 Delta R.T. 0.00 min
 Lab File: VX015742.D
 Acq: 17 Apr 2020 16:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
73	73	100	634819		
43	43	22.5	19.2	28.8	





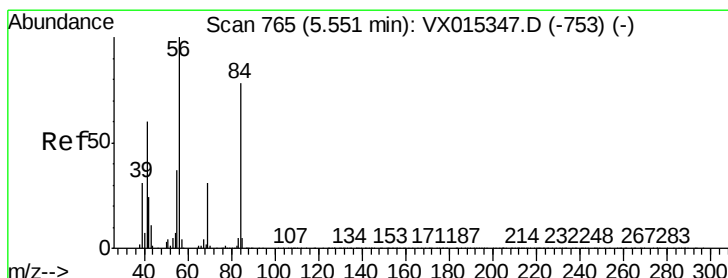
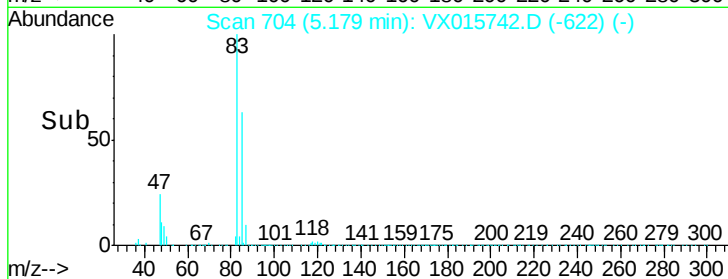
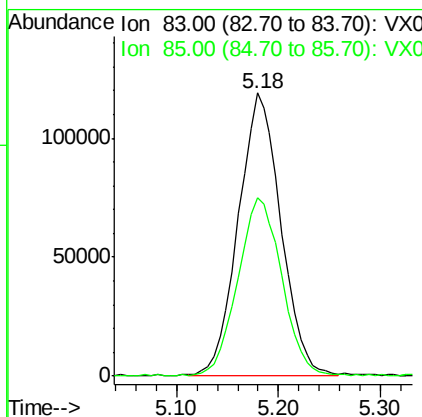
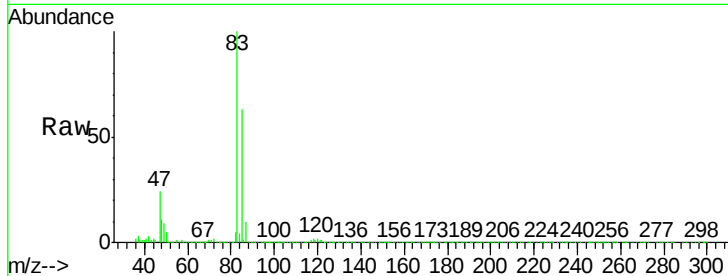
#25
Chloroform
Concen: 17.990 ug/l
RT: 5.18 min Scan# 704
Delta R.T. 0.00 min
Lab File: VX015742.D
Acq: 17 Apr 2020 16:46

Instrument :
MSVOA_X
ClientSampleId :
VX0417WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
85	63.1	50.5	75.7

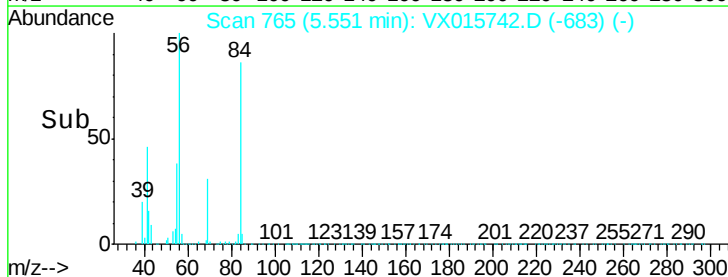
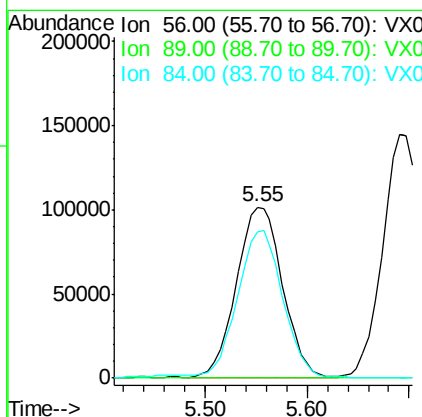
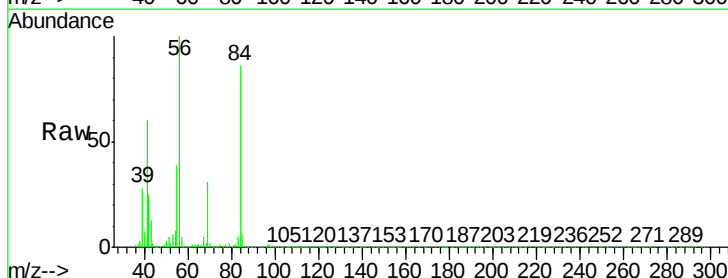
Manual Integrations
APPROVED

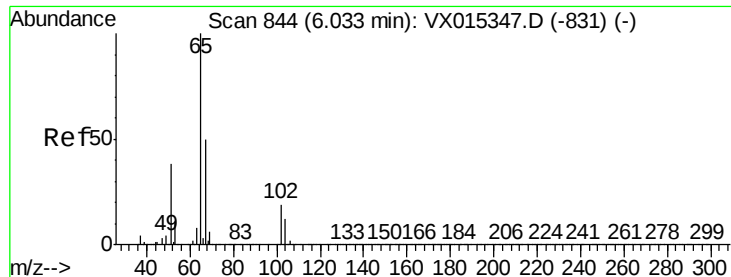
MMDadoda
4/20/2020 10:06:43 AM



#26
Cyclohexane
Concen: 17.268 ug/l
RT: 5.55 min Scan# 765
Delta R.T. 0.00 min
Lab File: VX015742.D
Acq: 17 Apr 2020 16:46

Tgt Ion	Ratio	Lower	Upper
56	100		
89	0.0	0.1	0.1#
84	0.0	66.1	99.1#





#27

1,2-Dichloroethane-d4

Concen: 28.647 ug/l

RT: 6.03 min Scan# 844

Delta R.T. 0.00 min

Lab File: VX015742.D

Acq: 17 Apr 2020 16:46

Instrument :

MSVOA_X

ClientSampleId :

VX0417WBSD01

Tot Ion: 65 Resp: 382464

Ion Ratio Lower Upper

65 100

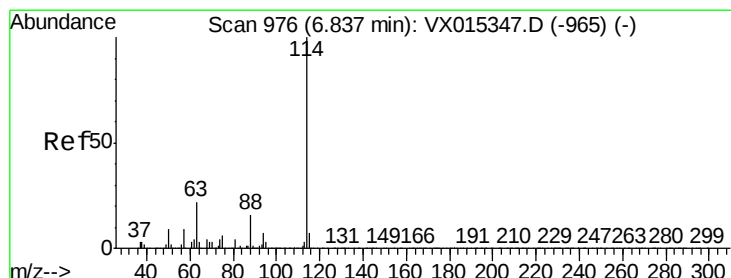
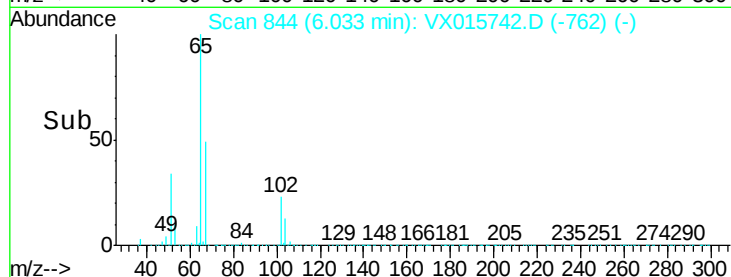
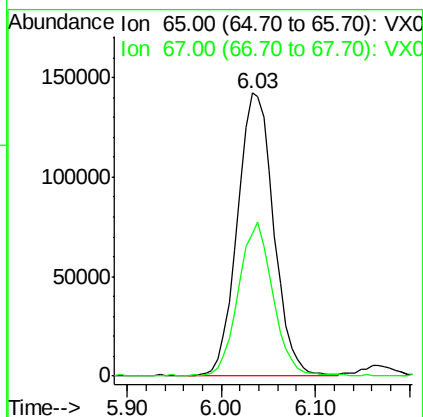
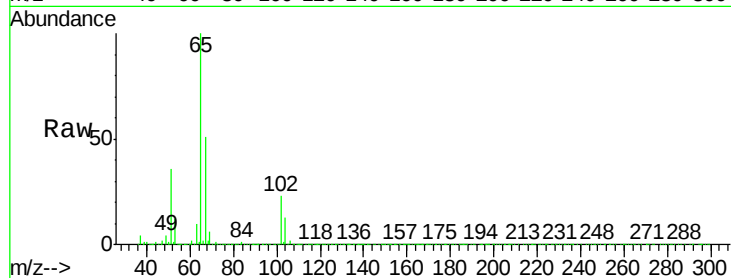
67 51.0 40.9 61.3

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#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.84 min Scan# 976

Delta R.T. 0.00 min

Lab File: VX015742.D

Acq: 17 Apr 2020 16:46

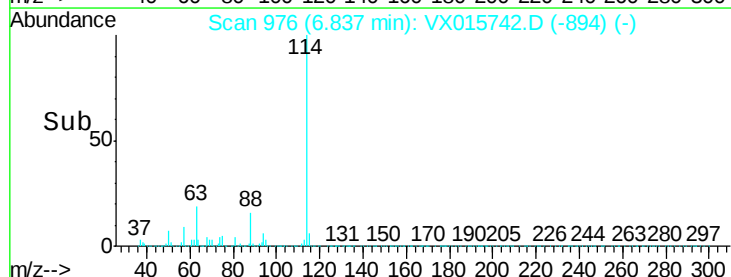
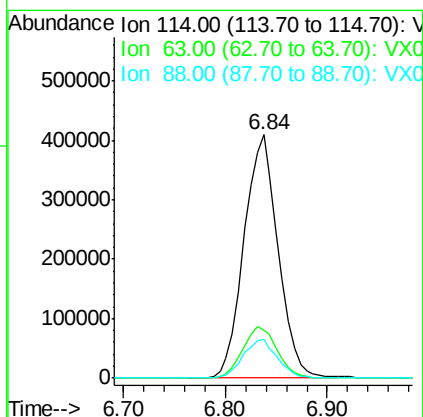
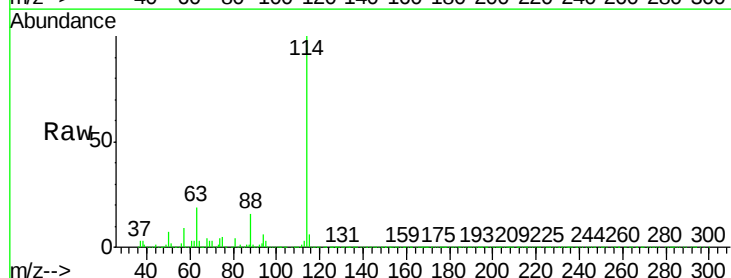
Tgt Ion: 114 Resp: 950920

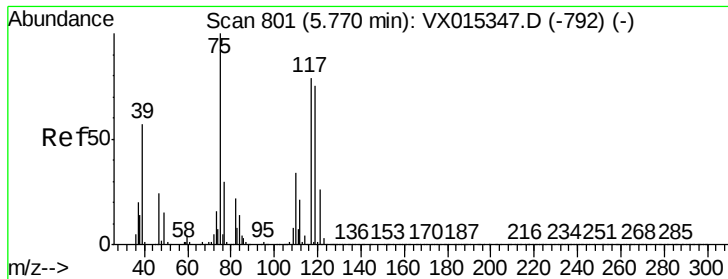
Ion Ratio Lower Upper

114 100

63 21.3 17.4 26.2

88 15.9 12.9 19.3





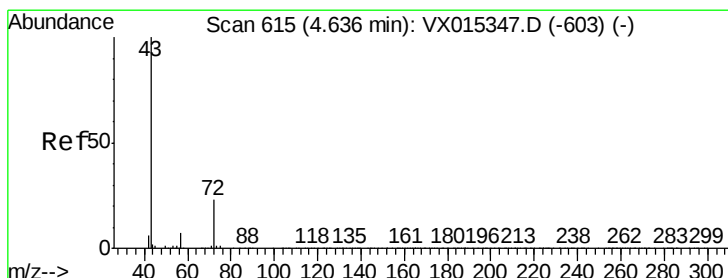
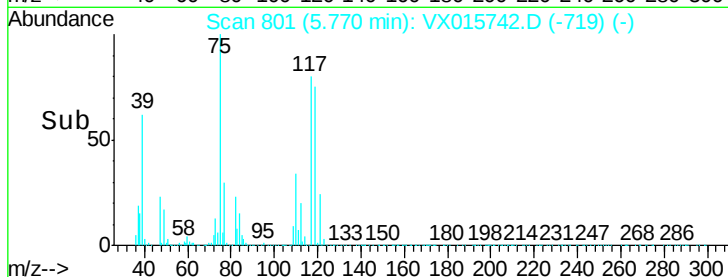
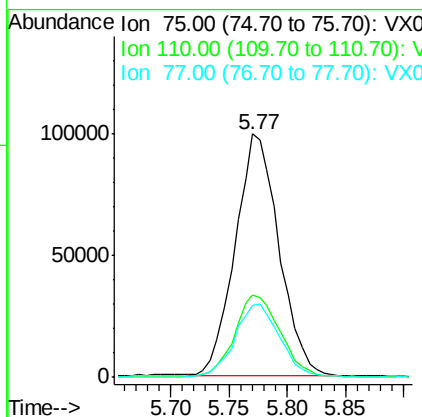
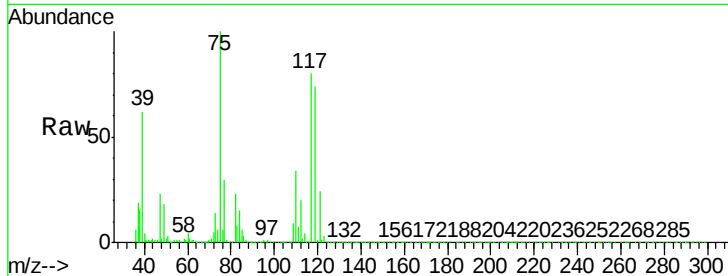
#29
 1,1-Dichloropropene
 Concen: 18.173 ug/l
 RT: 5.77 min Scan# 801
 Delta R.T. 0.00 min
 Lab File: VX015742.D
 Acq: 17 Apr 2020 16:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0417WBSD01

Tot Ion	Ratio	Resp Lower	Upper
75	100		
110	35.4	0.0	71.2
77	30.3	0.0	62.2

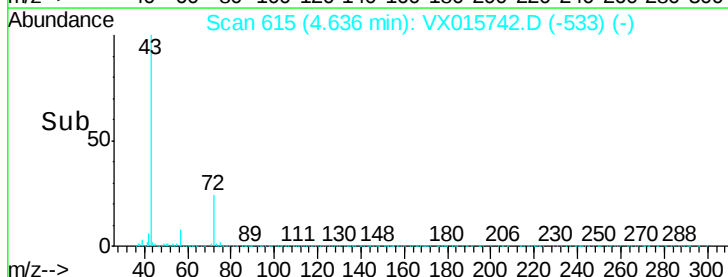
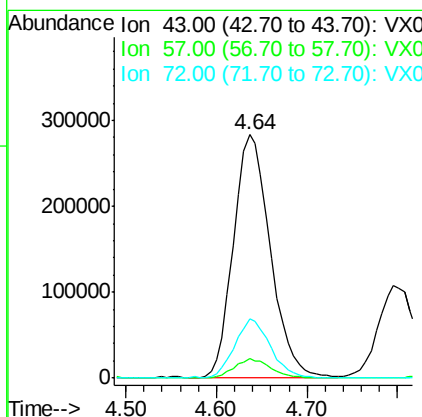
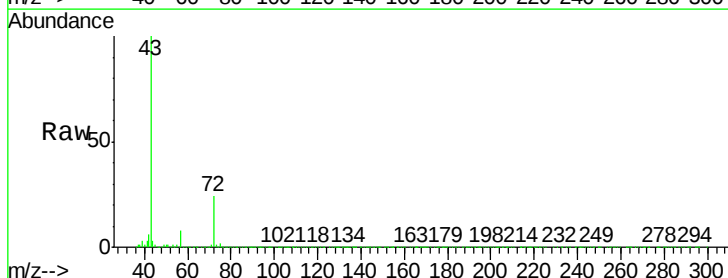
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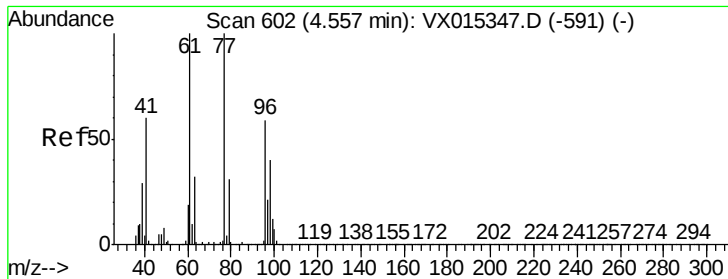
MMDadoda
 4/20/2020 10:06:43 AM



#30
 2-Butanone
 Concen: 93.147 ug/l
 RT: 4.64 min Scan# 615
 Delta R.T. 0.00 min
 Lab File: VX015742.D
 Acq: 17 Apr 2020 16:46

Tgt Ion	Ratio	Resp Lower	Upper
43	100		
57	7.8	5.9	8.9
72	23.1	18.6	27.8





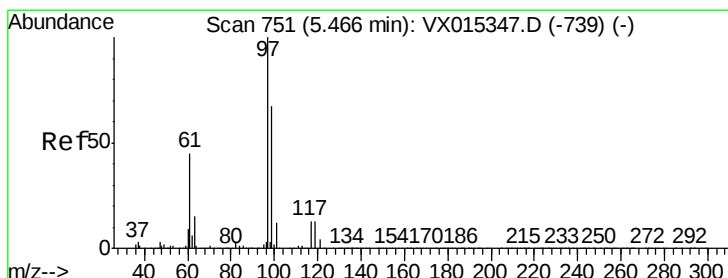
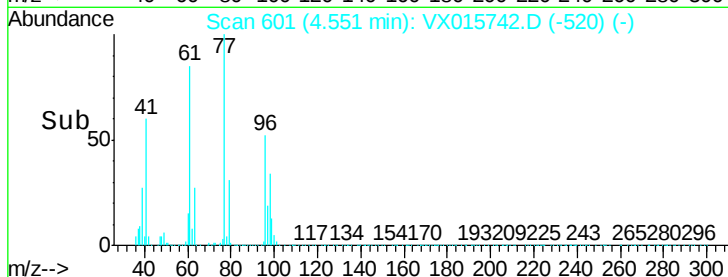
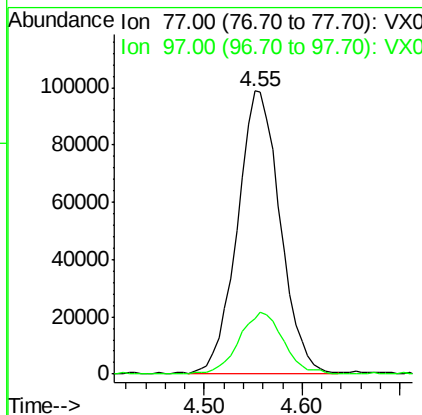
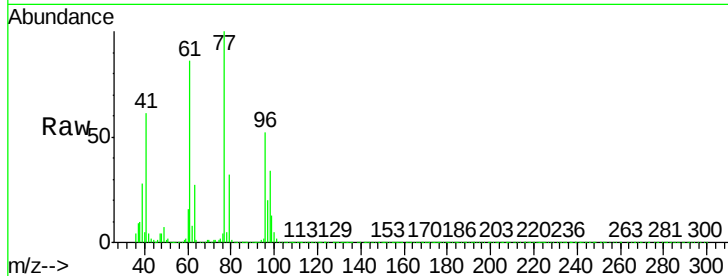
#31
2,2-Dichloropropane
Concen: 17.476 ug/l
RT: 4.55 min Scan# 601
Delta R.T. -0.01 min
Lab File: VX015742.D
Acq: 17 Apr 2020 16:46

Instrument :
MSVOA_X
ClientSampleId :
VX0417WBSD01

Tot Ion	Ratio	Lower	Upper
77	100		
97	22.2	17.8	26.8

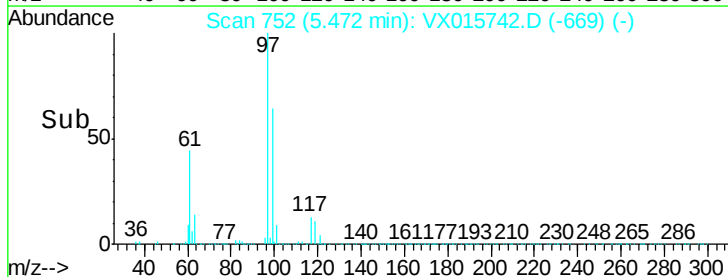
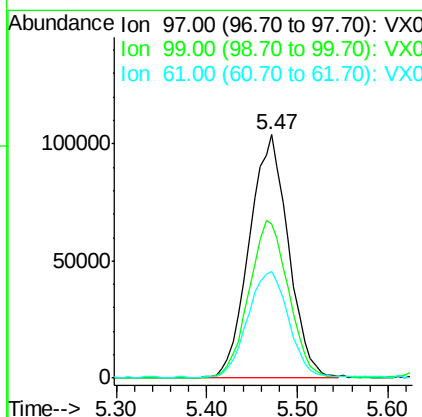
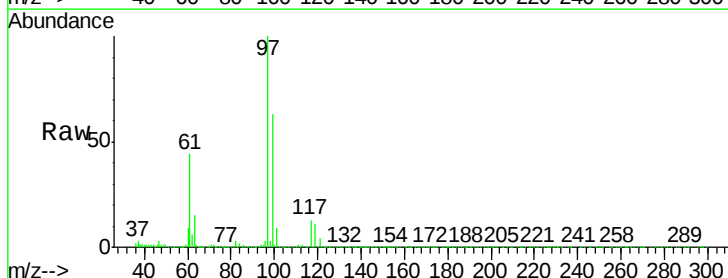
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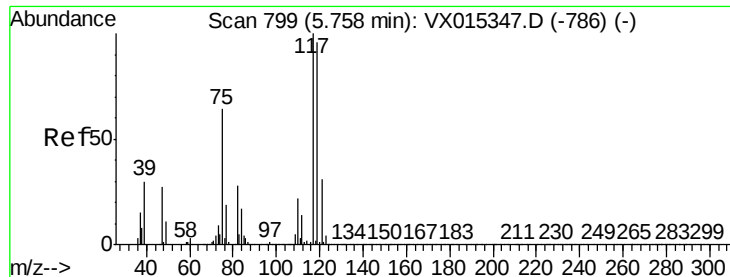
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 17.828 ug/l
RT: 5.47 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX015742.D
Acq: 17 Apr 2020 16:46

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.4	51.0	76.4
61	45.1	35.8	53.8





#33

Carbon Tetrachloride

Concen: 17.451 ug/l

RT: 5.76 min Scan# 799

Delta R.T. 0.00 min

Lab File: VX015742.D

Acq: 17 Apr 2020 16:46

Instrument :

MSVOA_X

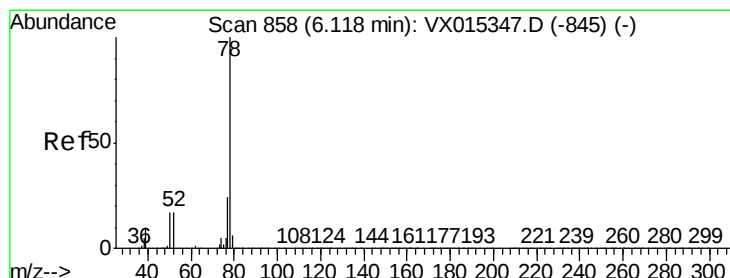
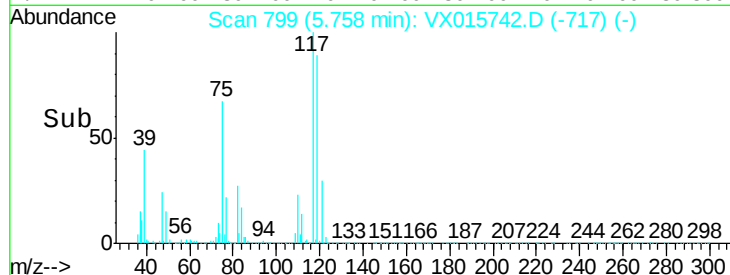
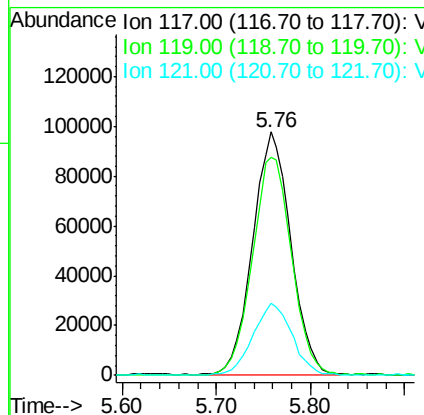
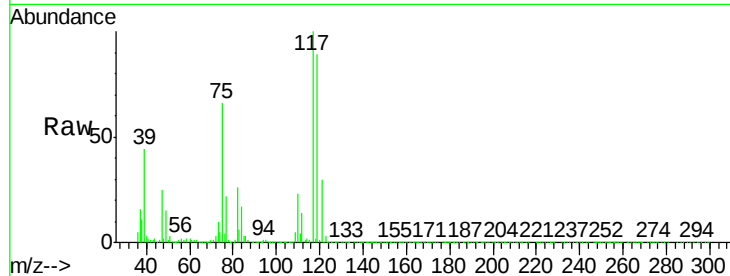
ClientSampleId :

VX0417WBSD01

Tot Ion:	117	Resp:	277212
Ion Ratio	Lower	Upper	
117	100		
119	89.3	76.6	114.8
121	29.6	25.0	37.4

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#34

Benzene

Concen: 18.906 ug/l

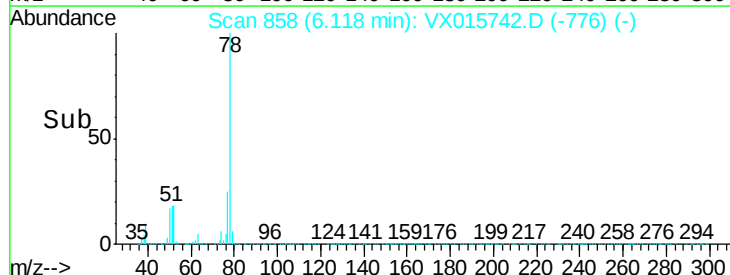
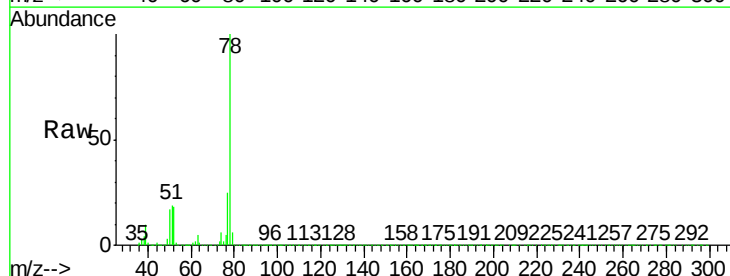
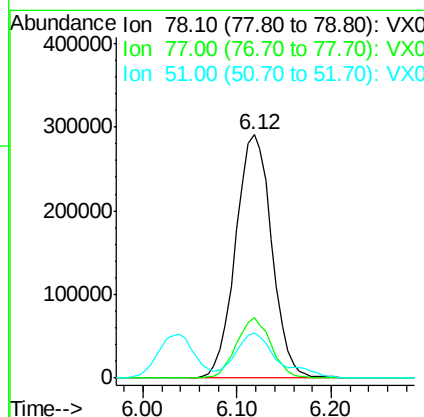
RT: 6.12 min Scan# 858

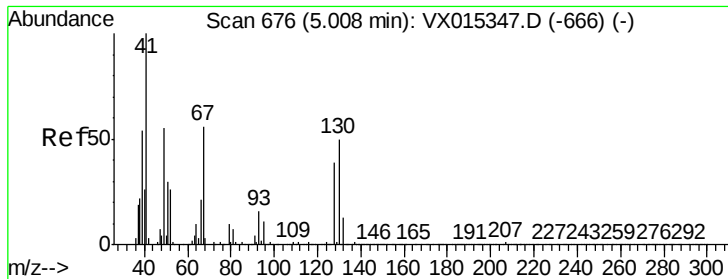
Delta R.T. 0.00 min

Lab File: VX015742.D

Acq: 17 Apr 2020 16:46

Tgt Ion:	78	Resp:	778479
Ion Ratio	Lower	Upper	
78	100		
77	24.8	19.4	29.2
51	18.2	14.6	21.8





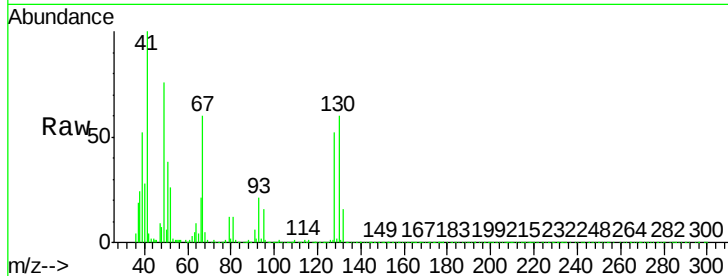
#35
Methacrylonitrile
Concen: 18.473 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.00 min
Lab File: VX015742.D
Acq: 17 Apr 2020 16:46

Instrument :
MSVOA_X
ClientSampleId :
VX0417WBSD01

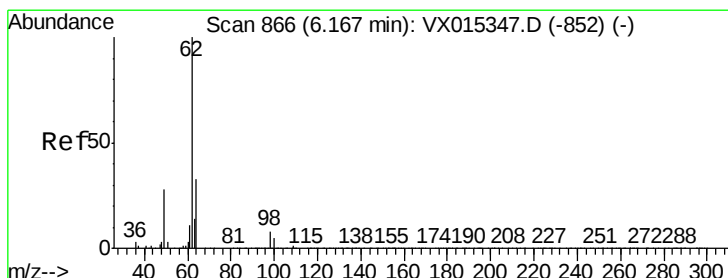
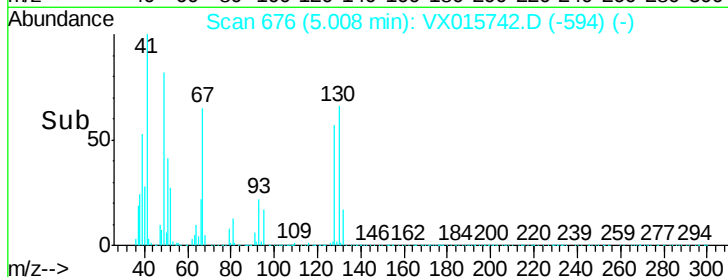
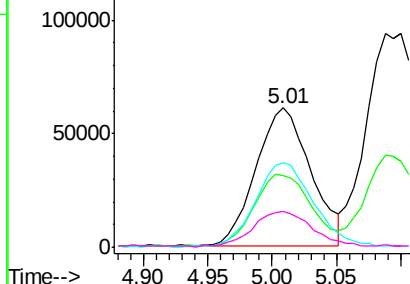
Tot Ion	Ratio	Lower	Upper
41	100		
39	50.5	27.0	81.0
67	60.4	28.2	84.6
52	25.5	12.8	38.3

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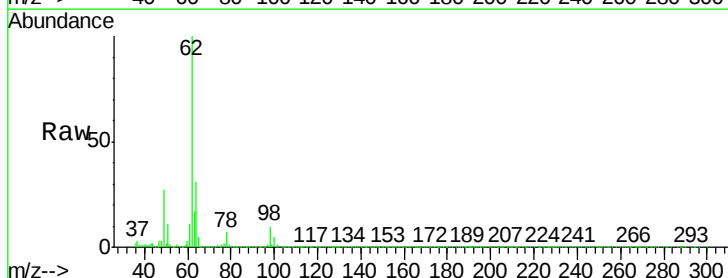


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

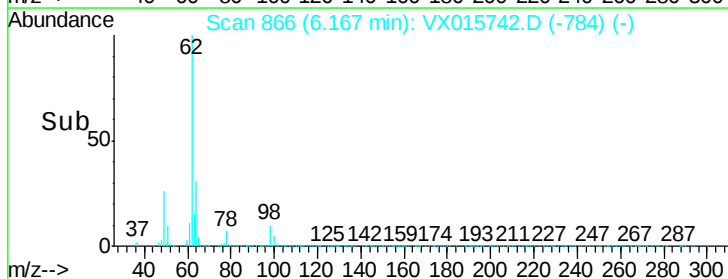
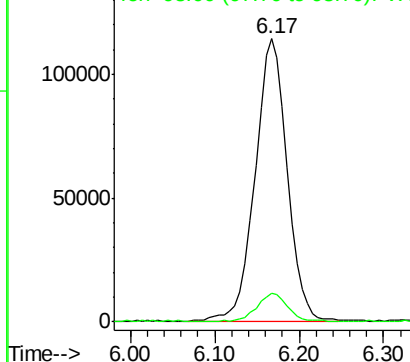


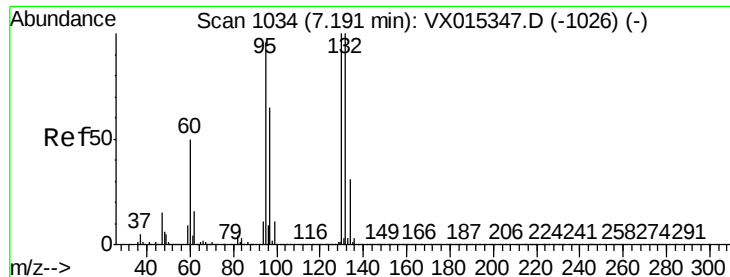
#36
1,2-Dichloroethane
Concen: 18.598 ug/l
RT: 6.17 min Scan# 866
Delta R.T. 0.00 min
Lab File: VX015742.D
Acq: 17 Apr 2020 16:46

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.4	6.9	10.3



Abundance Ion 62.00 (61.70 to 62.70): VX0
Ion 98.00 (97.70 to 98.70): VX0





#37

Trichloroethene

Concen: 18.750 ug/l

RT: 7.19 min Scan# 1034

Delta R.T. 0.00 min

Lab File: VX015742.D

Acq: 17 Apr 2020 16:46

Instrument :

MSVOA_X

ClientSampleId :

VX0417WBSD01

Tot Ion:130 Resp: 217386

Ion Ratio Lower Upper

130 100

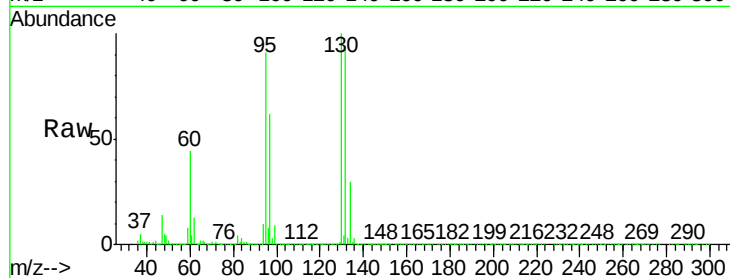
95 90.2 76.4 114.6

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Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0

7.19

120000

100000

80000

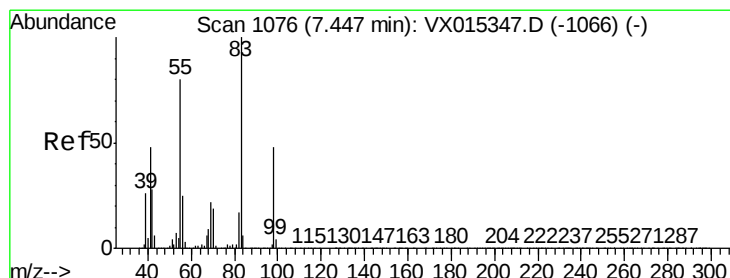
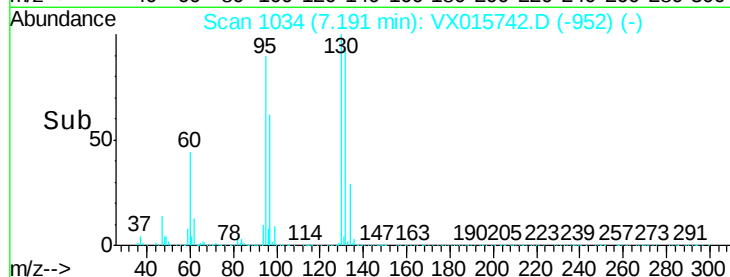
60000

40000

20000

0

Time-->



#38

Methylcyclohexane

Concen: 17.378 ug/l

RT: 7.44 min Scan# 1075

Delta R.T. -0.01 min

Lab File: VX015742.D

Acq: 17 Apr 2020 16:46

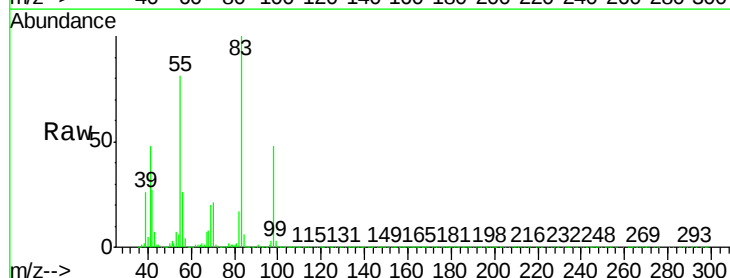
Tgt Ion: 83 Resp: 304355

Ion Ratio Lower Upper

83 100

55 81.2 41.3 124.1

98 49.5 24.0 72.0



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

7.44

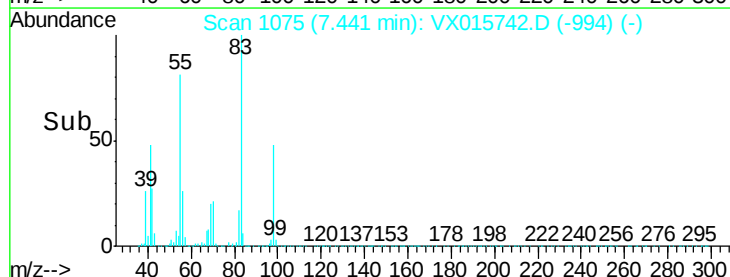
150000

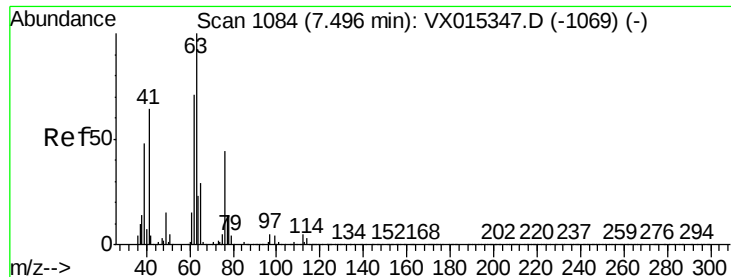
100000

50000

0

Time-->





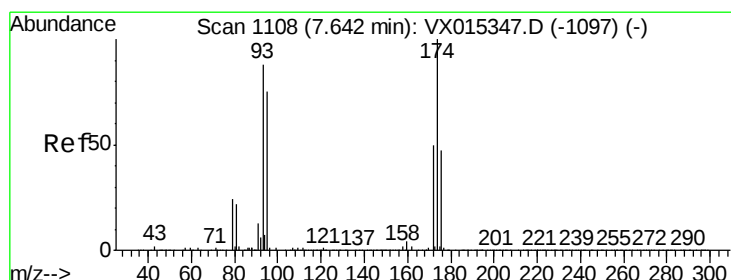
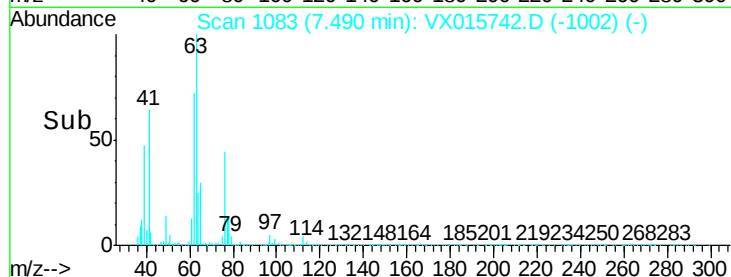
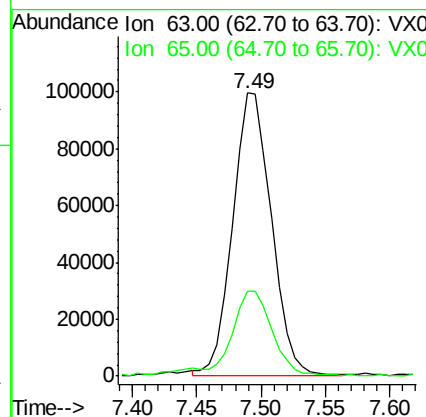
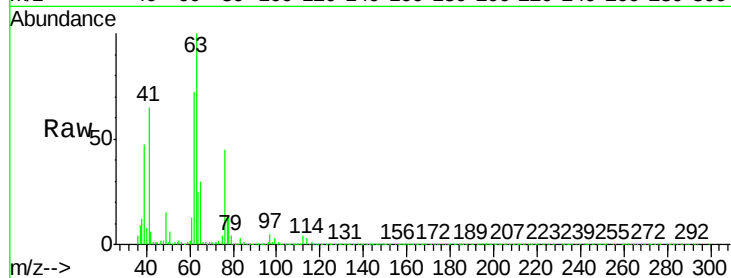
#39
 1,2-Dichloropropane
 Concen: 18.692 ug/l
 RT: 7.49 min Scan# 1083
 Delta R.T. -0.01 min
 Lab File: VX015742.D
 Acq: 17 Apr 2020 16:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0417WBSD01

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.9	23.0	34.4

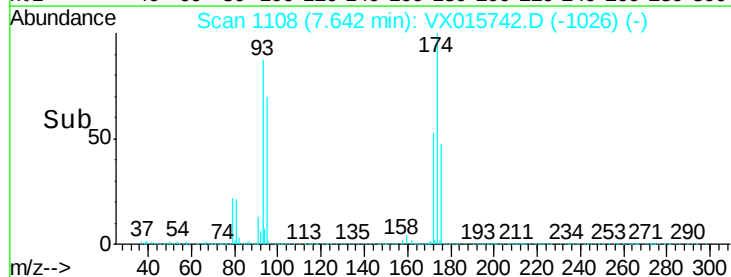
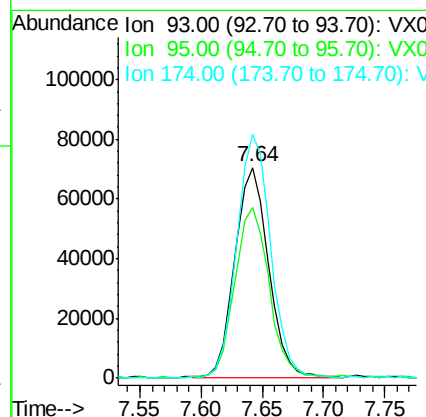
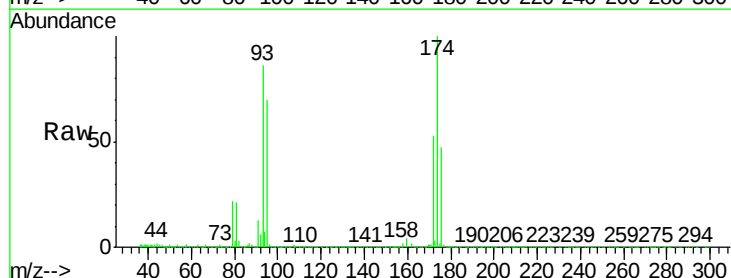
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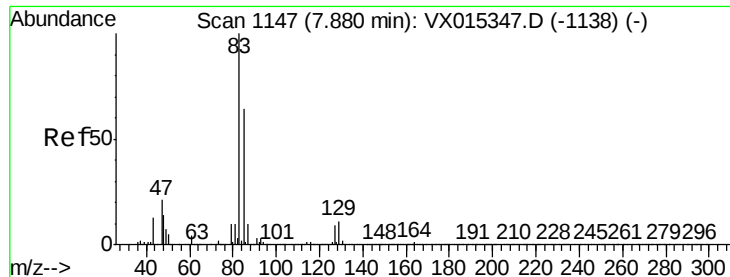
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#40
 Dibromomethane
 Concen: 18.375 ug/l
 RT: 7.64 min Scan# 1108
 Delta R.T. 0.00 min
 Lab File: VX015742.D
 Acq: 17 Apr 2020 16:46

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.9	0.0	166.4
174	116.1	0.0	225.4





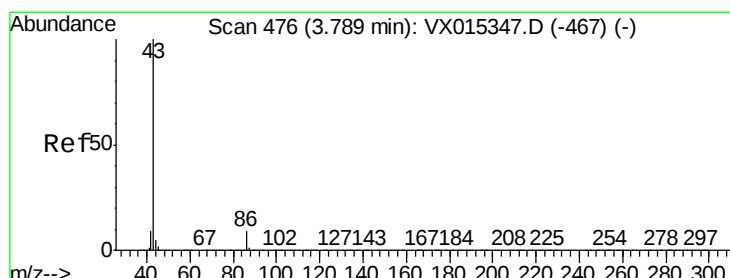
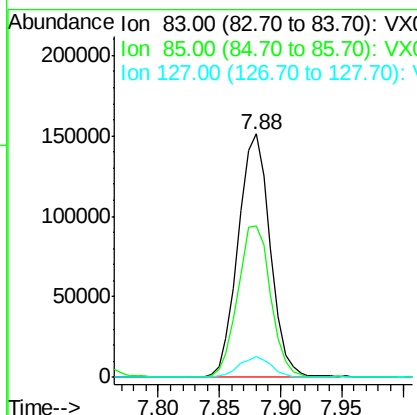
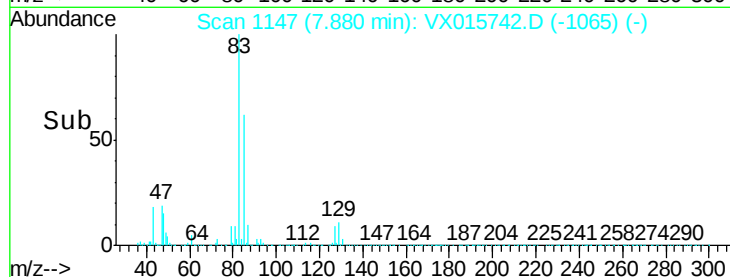
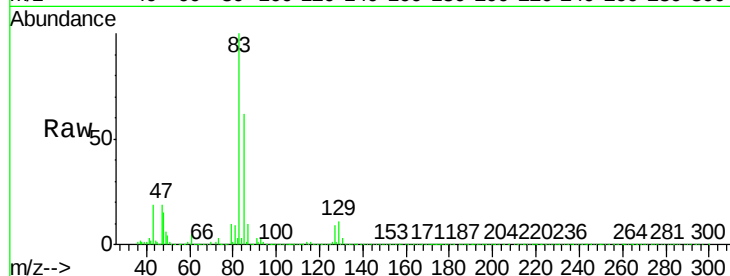
#41
Bromodichloromethane
Concen: 17.146 ug/l
RT: 7.88 min Scan# 1147
Delta R.T. 0.00 min
Lab File: VX015742.D
Acq: 17 Apr 2020 16:46

Instrument :
MSVOA_X
ClientSampleId :
VX0417WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	274313		
85	61.9	51.6	77.4	
127	8.5	7.0	10.4	

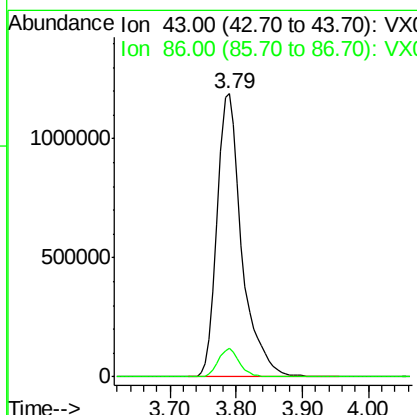
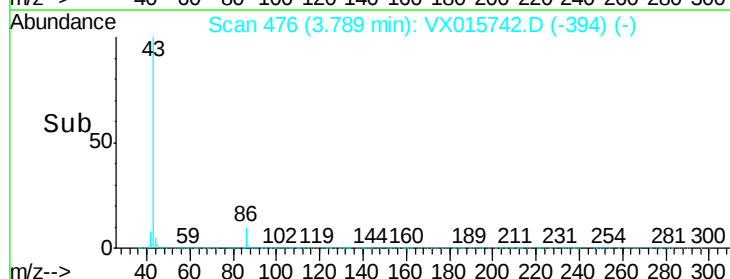
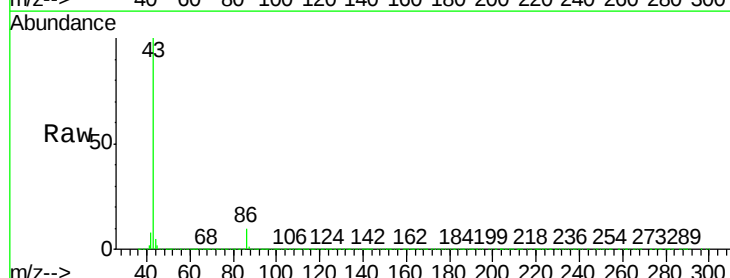
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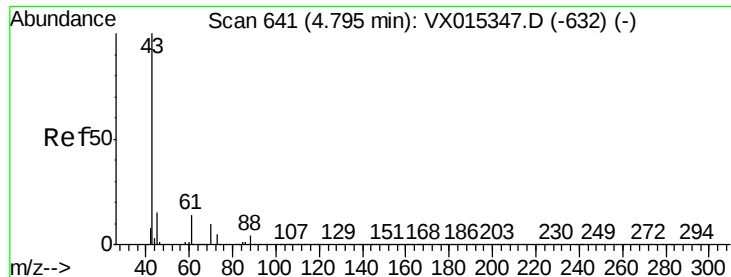
MMDadoda
4/20/2020 10:06:43 AM



#42
Vinyl Acetate
Concen: 94.835 ug/l
RT: 3.79 min Scan# 476
Delta R.T. 0.00 min
Lab File: VX015742.D
Acq: 17 Apr 2020 16:46

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	3077440		
86	8.6	6.9	10.3	





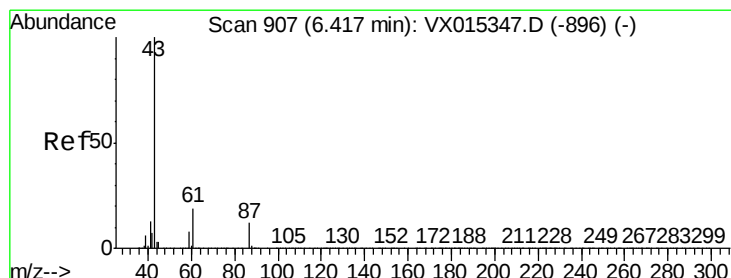
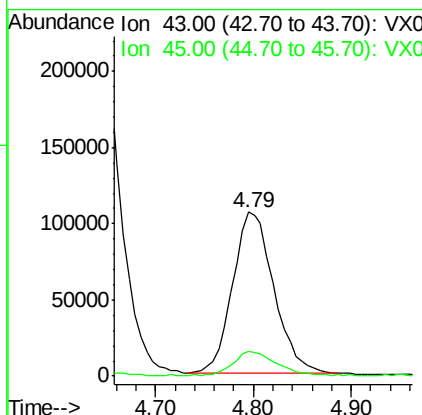
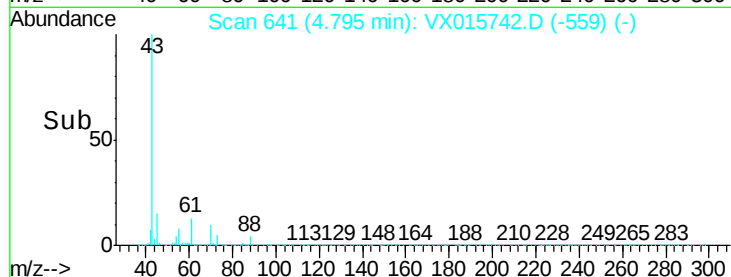
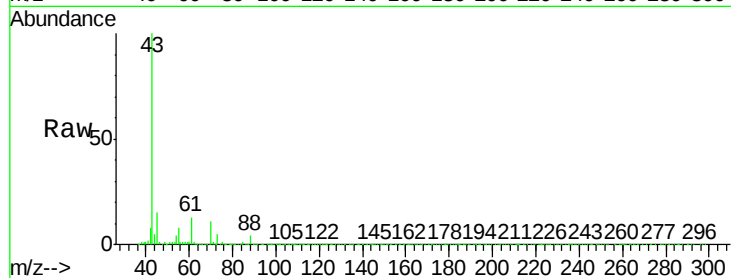
#43
Ethyl Acetate
Concen: 16.581 ug/l
RT: 4.79 min Scan# 641
Delta R.T. 0.00 min
Lab File: VX015742.D
Acq: 17 Apr 2020 16:46

Instrument :
MSVOA_X
ClientSampleId :
VX0417WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
45	16.0	12.2	18.4

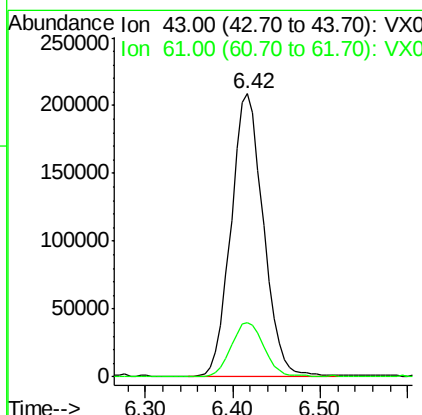
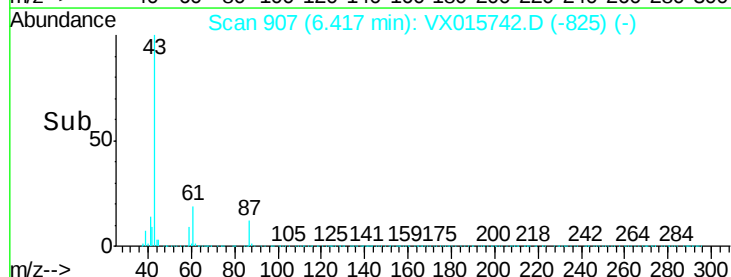
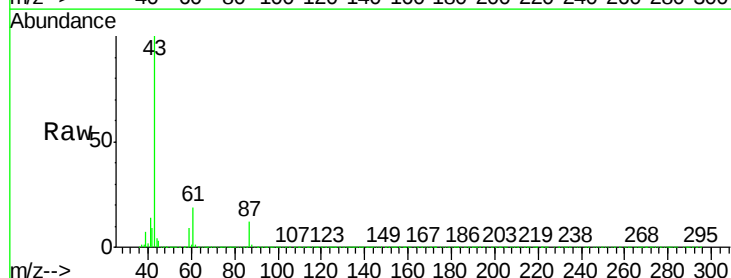
Manual Integrations
APPROVED

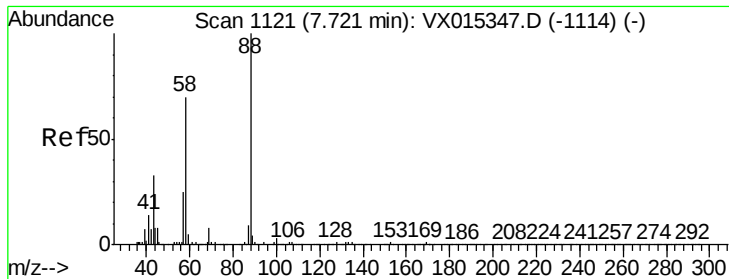
MMDadoda
4/20/2020 10:06:43 AM



#44
Isopropyl Acetate
Concen: 17.716 ug/l
RT: 6.42 min Scan# 907
Delta R.T. 0.00 min
Lab File: VX015742.D
Acq: 17 Apr 2020 16:46

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.4	14.6	22.0





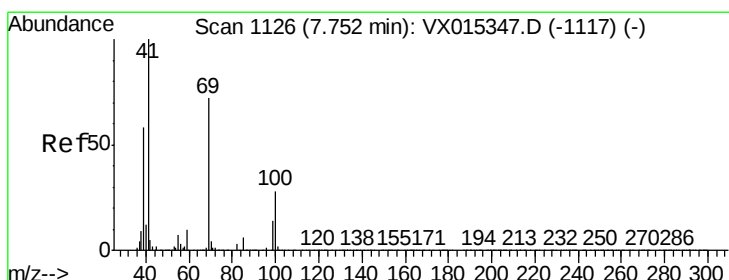
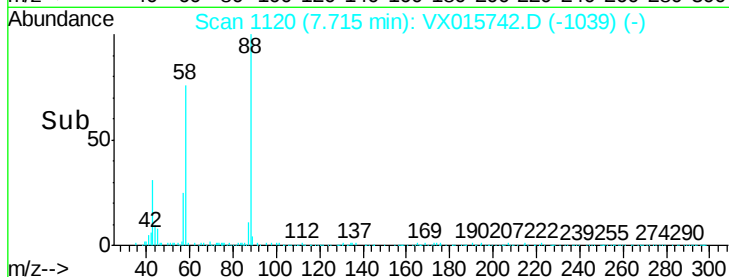
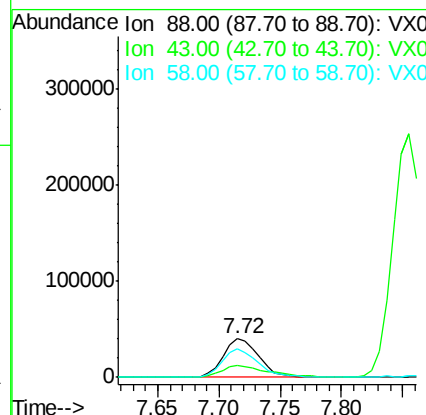
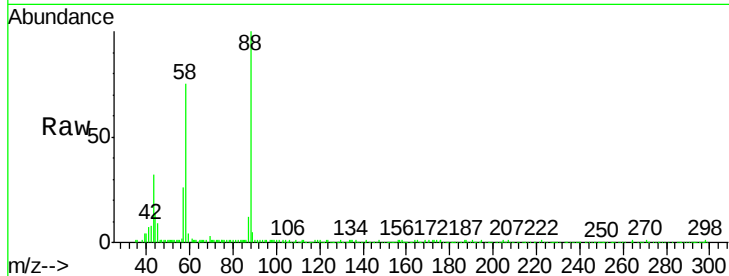
#45
1,4-Dioxane
Concen: 288.501 ug/l
RT: 7.72 min Scan# 1120
Delta R.T. -0.01 min
Lab File: VX015742.D
Acq: 17 Apr 2020 16:46

Instrument :
MSVOA_X
ClientSampleId :
VX0417WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.7	32.1	48.1
58	74.6	59.4	89.0

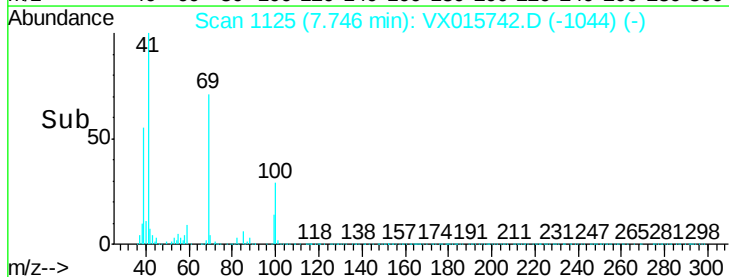
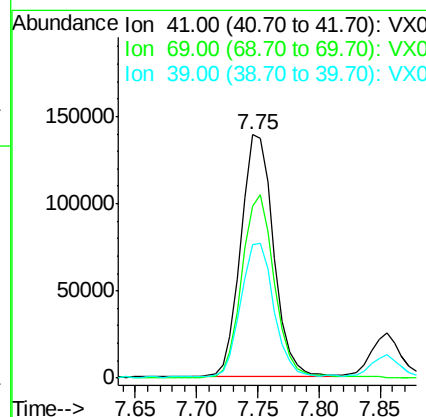
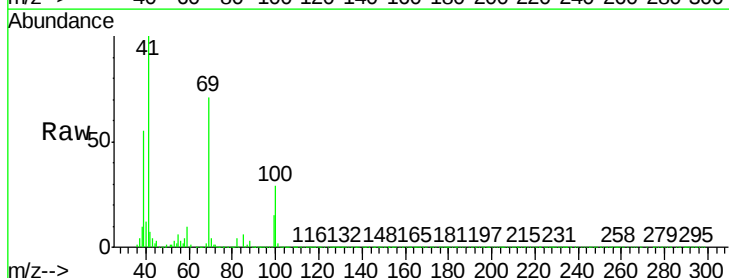
Manual Integrations
APPROVED

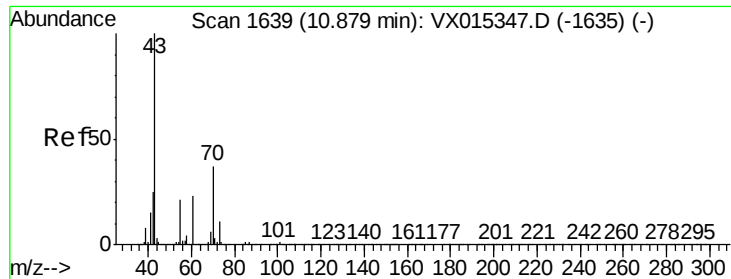
MMDadoda
4/20/2020 10:06:43 AM



#46
Methyl methacrylate
Concen: 17.340 ug/l
RT: 7.75 min Scan# 1125
Delta R.T. -0.01 min
Lab File: VX015742.D
Acq: 17 Apr 2020 16:46

Tgt Ion	Ratio	Lower	Upper
41	100		
69	70.8	35.8	107.4
39	54.7	28.9	86.8





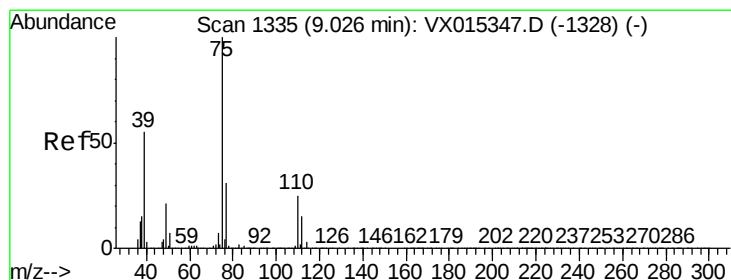
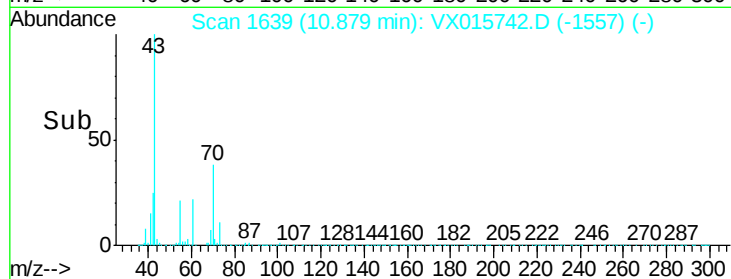
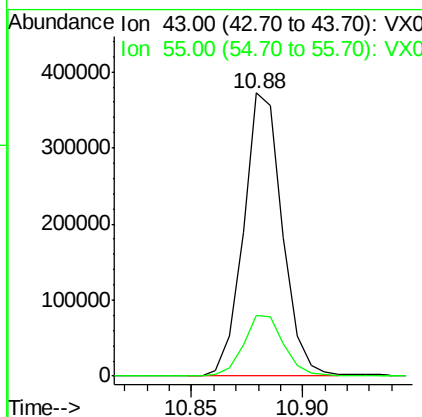
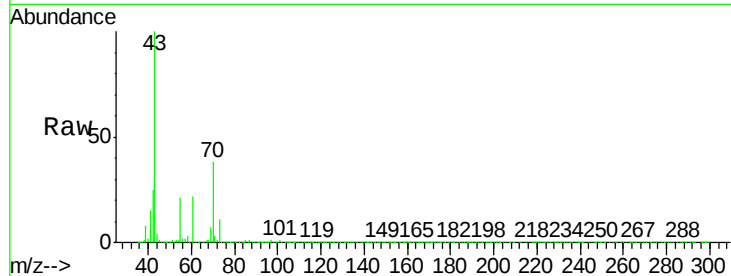
#47
n-amvl Acetate
Concen: 17.373 ug/l
RT: 10.88 min Scan# 1639
Delta R.T. 0.00 min
Lab File: VX015742.D
Acq: 17 Apr 2020 16:46

Instrument :
MSVOA_X
ClientSampleId :
VX0417WBSD01

Tot Ion: 43 Resp: 449118
Ion Ratio Lower Upper
43 100
55 22.2 17.0 25.6

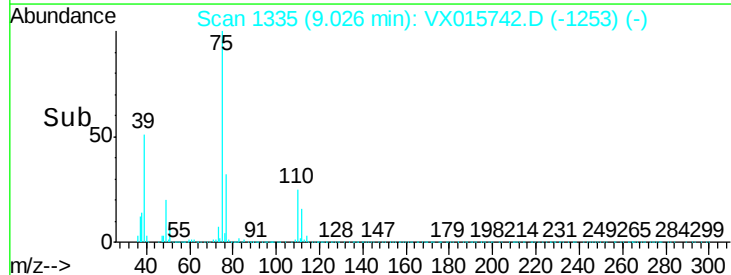
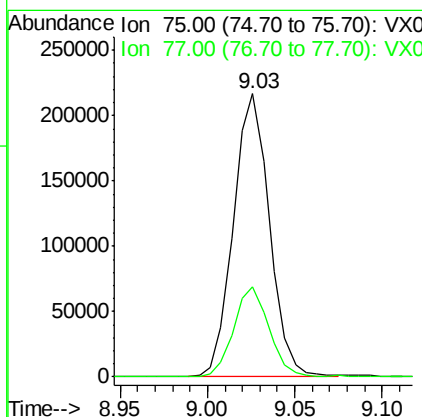
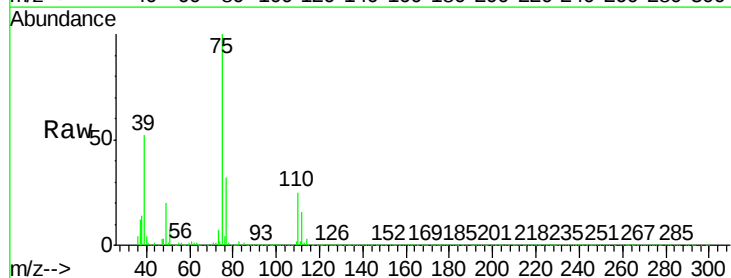
Manual Integrations
APPROVED

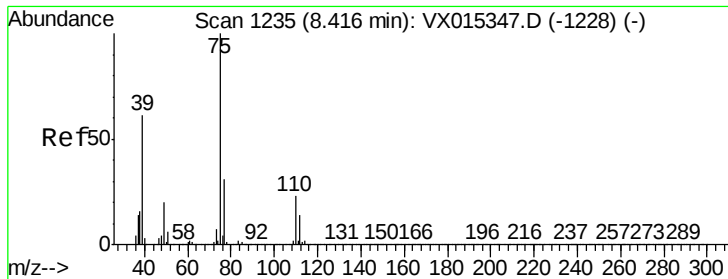
MMDadoda
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#48
t-1,3-Dichloropropene
Concen: 16.796 ug/l
RT: 9.03 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX015742.D
Acq: 17 Apr 2020 16:46

Tgt Ion: 75 Resp: 310211
Ion Ratio Lower Upper
75 100
77 31.9 24.6 37.0





#49

cis-1,3-Dichloropropene

Concen: 17.843 ug/l

RT: 8.42 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VX015742.D

Acq: 17 Apr 2020 16:46

Instrument :

MSVOA_X

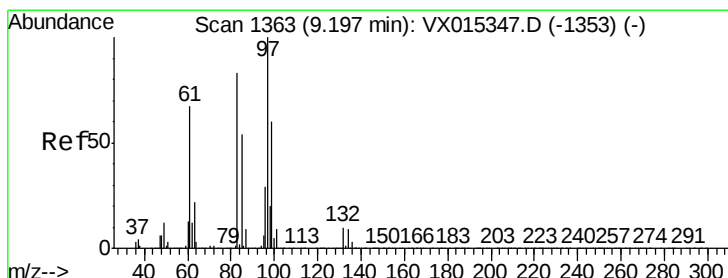
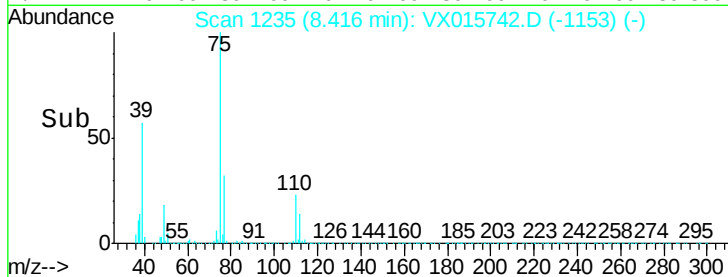
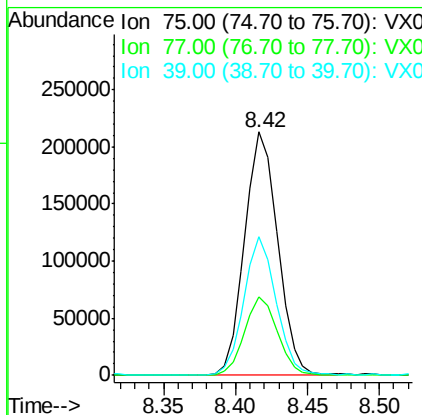
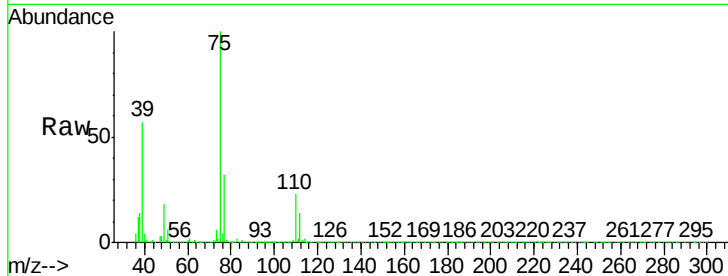
ClientSampleId :

VX0417WBSD01

Tot Ion:	75	Resp:	340158
Ion Ratio		Lower	Upper
75	100		
77	32.0	24.6	36.8
39	56.6	48.9	73.3

Manual Integrations
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#50

1,1,2-Trichloroethane

Concen: 18.328 ug/l

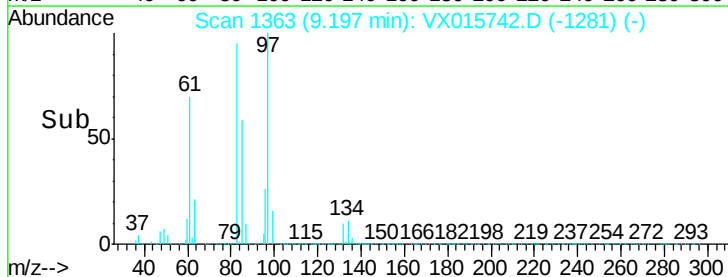
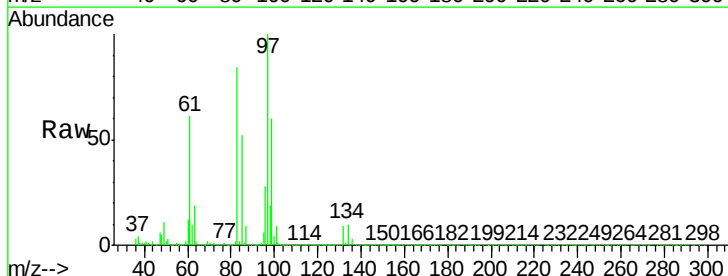
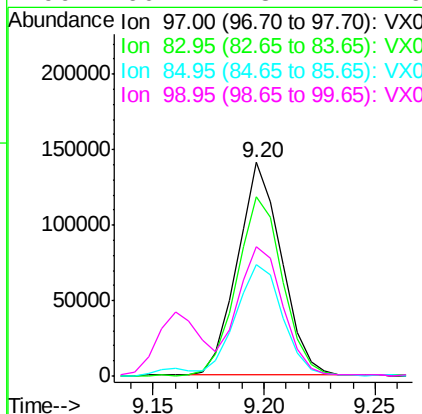
RT: 9.20 min Scan# 1363

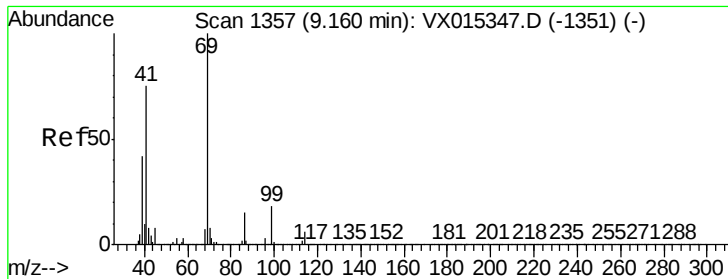
Delta R.T. 0.00 min

Lab File: VX015742.D

Acq: 17 Apr 2020 16:46

Tgt Ion:	97	Resp:	193621
Ion Ratio		Lower	Upper
97	100		
83	84.0	66.8	100.2
85	51.9	43.3	64.9
99	60.1	48.4	72.6





#51

Ethyl methacrylate

Concen: 17.694 ug/l

RT: 9.16 min Scan# 1357

Delta R.T. 0.00 min

Lab File: VX015742.D

Acq: 17 Apr 2020 16:46

Instrument :

MSVOA_X

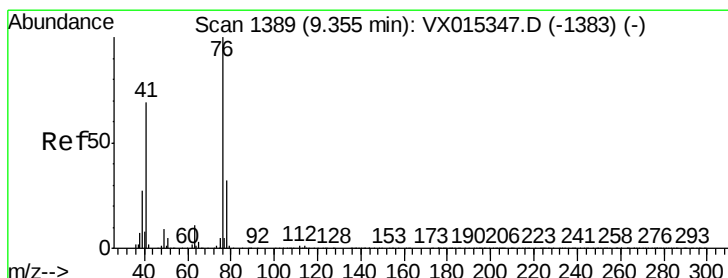
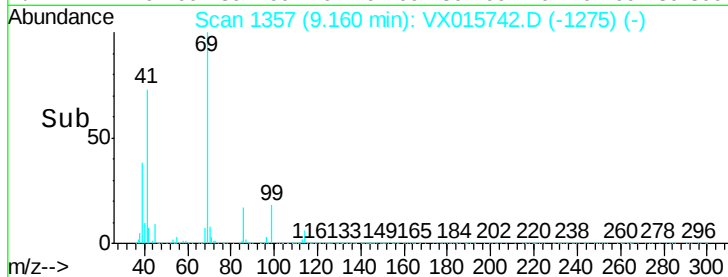
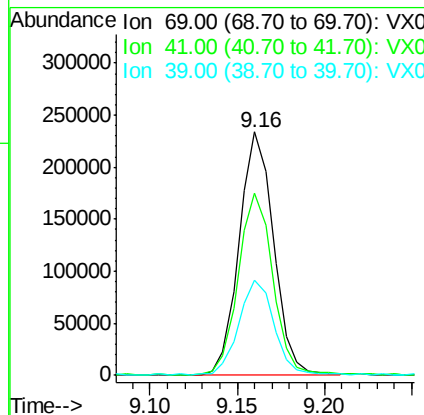
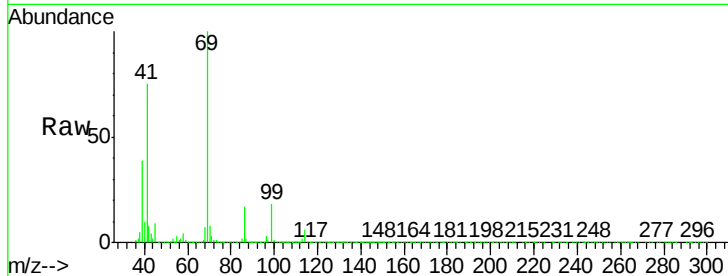
ClientSampleId :

VX0417WBSD01

Tot Ion:	69	Resp:	321481
Ion Ratio	Lower	Upper	
69	100		
41	74.8	37.4	112.2
39	38.6	21.1	63.1

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 19.245 ug/l

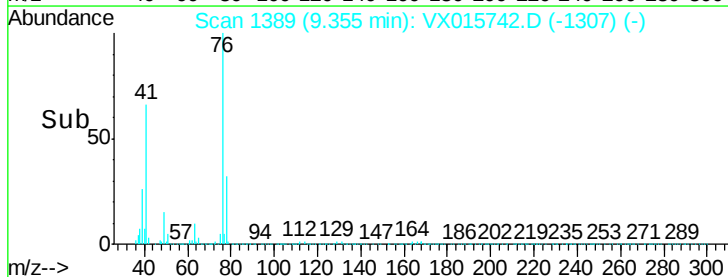
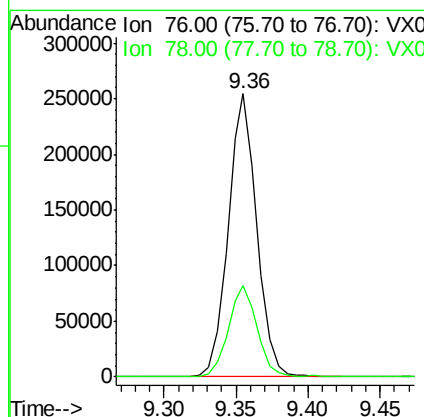
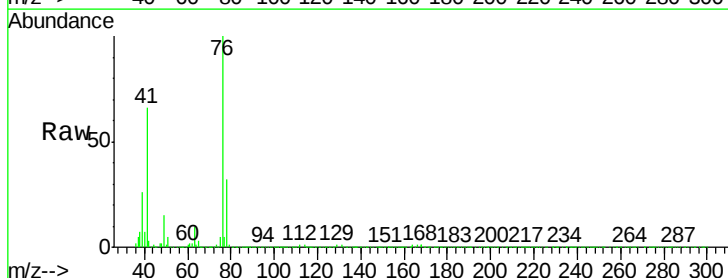
RT: 9.36 min Scan# 1389

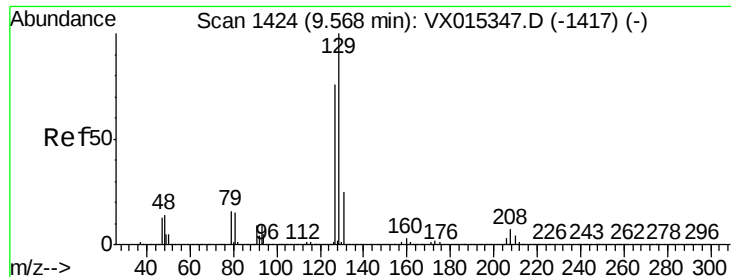
Delta R.T. 0.00 min

Lab File: VX015742.D

Acq: 17 Apr 2020 16:46

Tgt Ion:	76	Resp:	351175
Ion Ratio	Lower	Upper	
76	100		
78	32.1	0.0	63.2





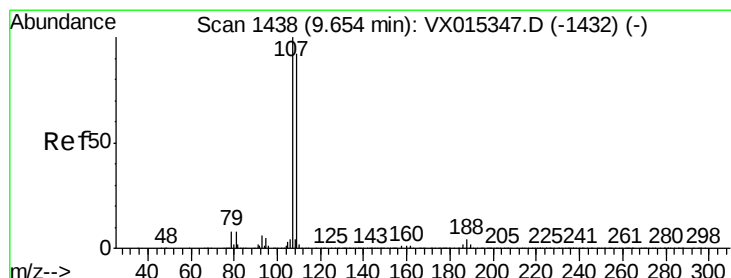
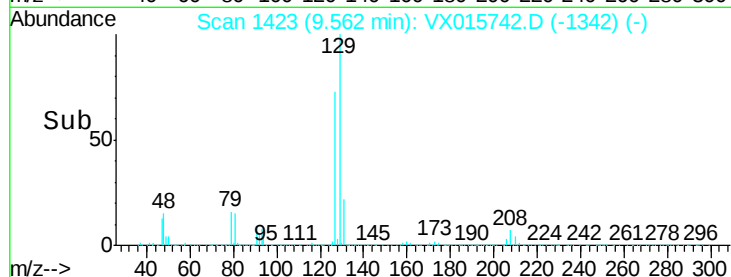
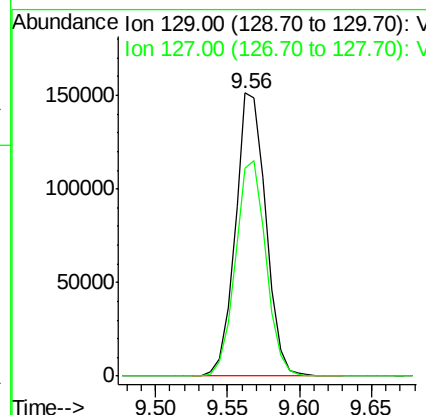
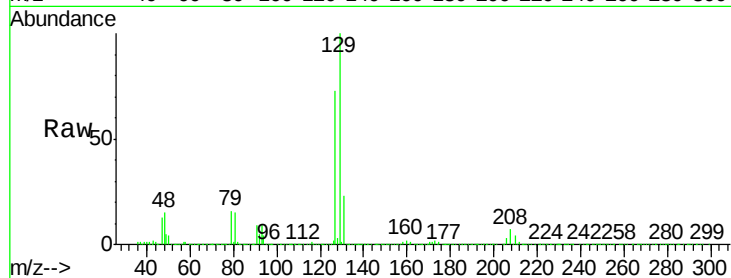
#53
Dibromochloromethane
Concen: 17.132 ug/l
RT: 9.56 min Scan# 1423
Delta R.T. -0.01 min
Lab File: VX015742.D
Acq: 17 Apr 2020 16:46

Instrument :
MSVOA_X
ClientSampleId :
VX0417WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
129	100	223111		
127	76.1	38.6	115.7	

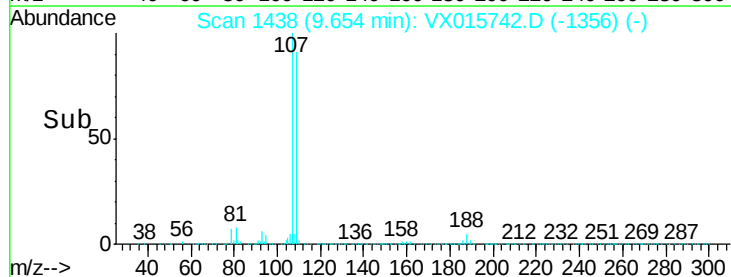
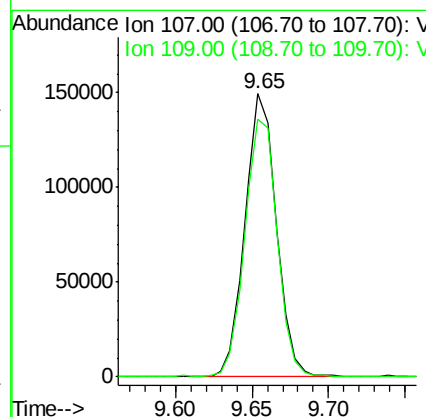
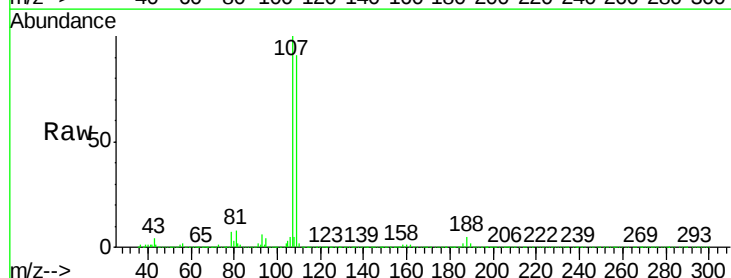
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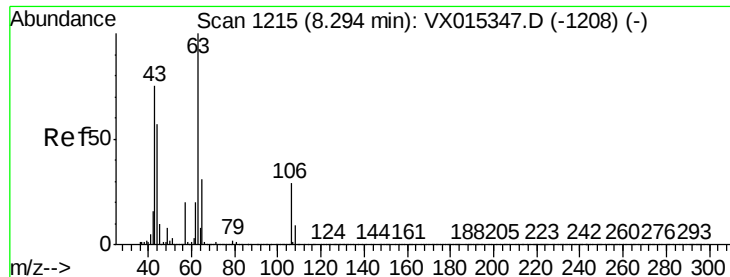
MMDadoda
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#54
1,2-Dibromoethane
Concen: 18.750 ug/l
RT: 9.65 min Scan# 1438
Delta R.T. 0.00 min
Lab File: VX015742.D
Acq: 17 Apr 2020 16:46

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	212546		
109	93.7	75.0	112.6	





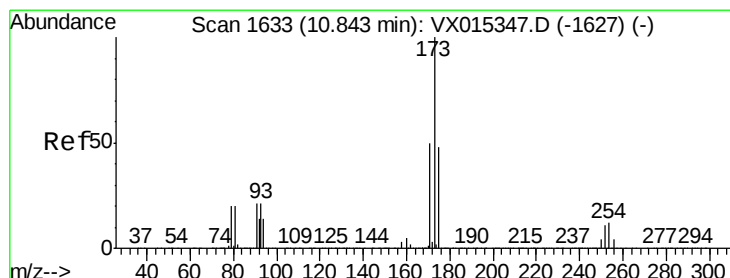
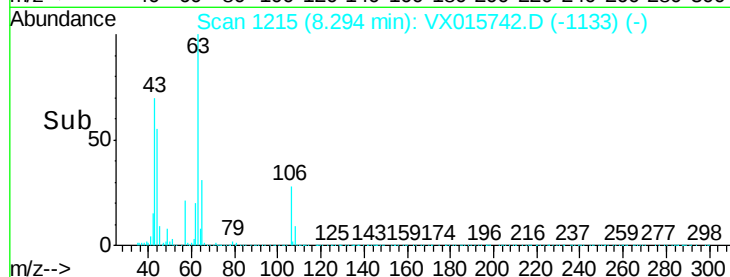
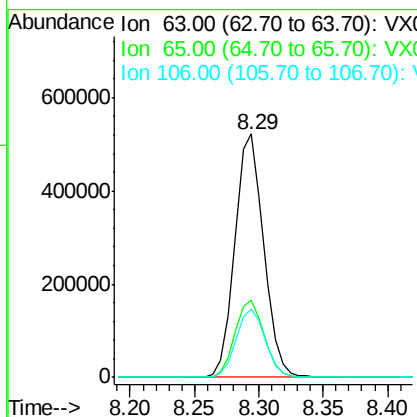
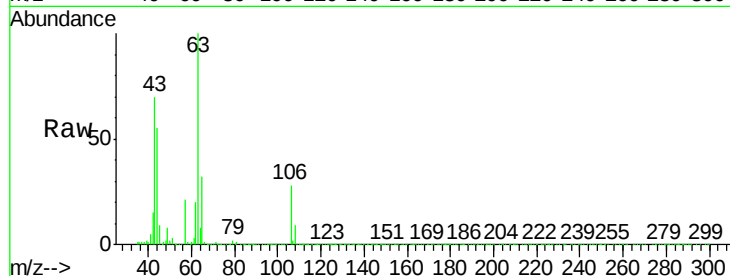
#55
2-Chloroethyl vinyl ether
Concen: 94.888 ug/l
RT: 8.29 min Scan# 1215
Delta R.T. 0.00 min
Lab File: VX015742.D
Acq: 17 Apr 2020 16:46

Instrument :
MSVOA_X
ClientSampleId :
VX0417WBSD01

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.9	25.5	38.3
106	28.3	23.1	34.7

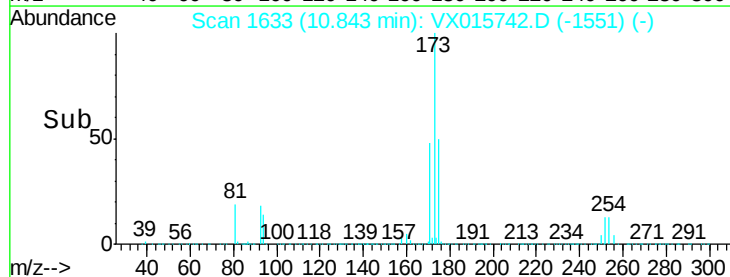
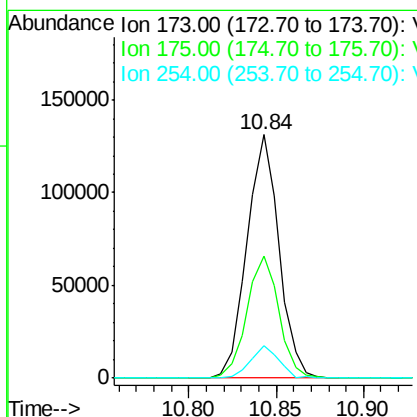
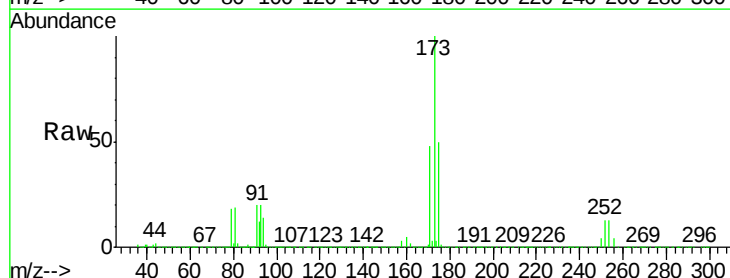
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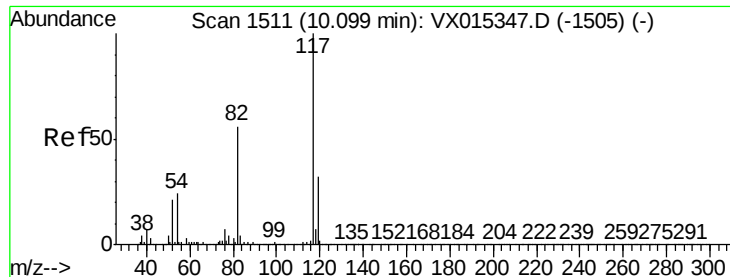
MMDadoda
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#56
Bromoform
Concen: 15.595 ug/l
RT: 10.84 min Scan# 1633
Delta R.T. 0.00 min
Lab File: VX015742.D
Acq: 17 Apr 2020 16:46

Tgt Ion	Ratio	Lower	Upper
173	100		
175	50.5	39.0	58.4
254	11.5	9.4	14.2





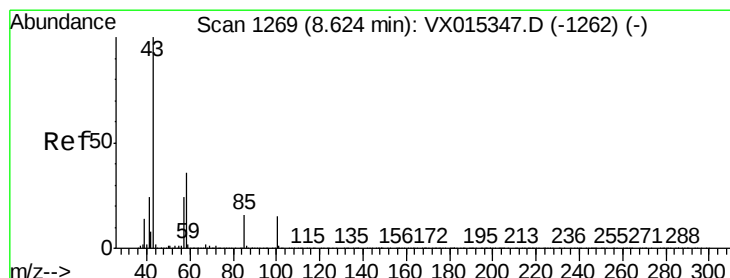
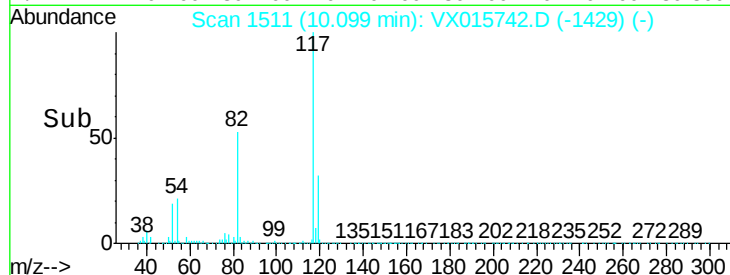
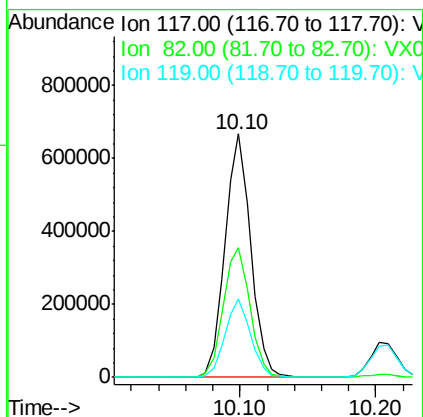
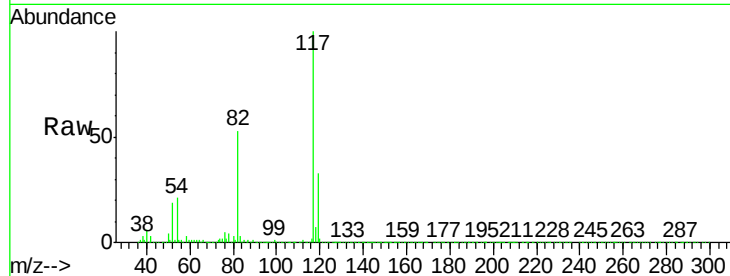
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015742.D
Acq: 17 Apr 2020 16:46

Instrument :
MSVOA_X
ClientSampleId :
VX0417WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.0	45.0	67.6
119	32.1	25.5	38.3

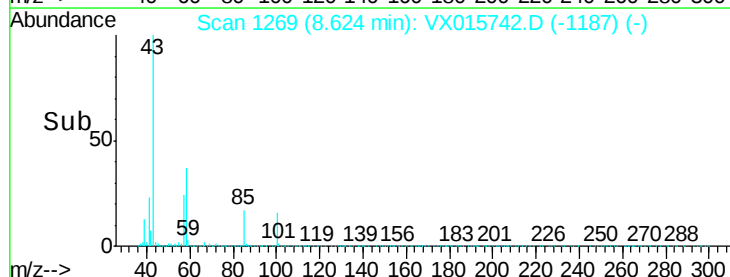
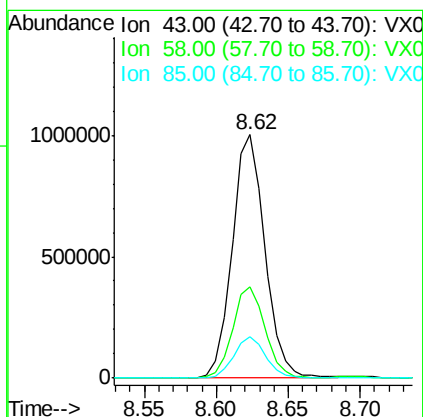
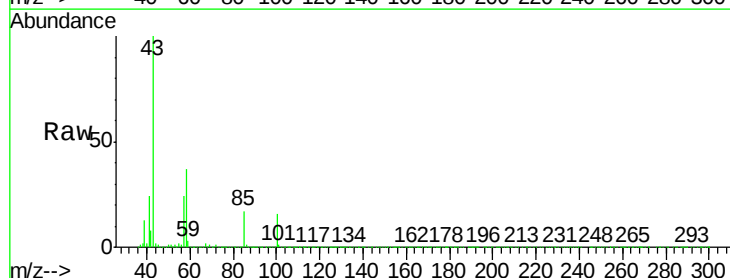
Manual Integrations
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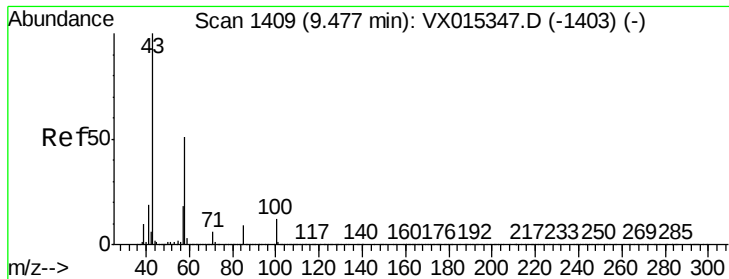
MMDadoda
4/20/2020 10:06:43 AM



#58
4-Methyl-2-Pentanone
Concen: 94.607 ug/l
RT: 8.62 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VX015742.D
Acq: 17 Apr 2020 16:46

Tgt Ion	Ratio	Lower	Upper
43	100		
58	37.4	29.4	44.0
85	16.7	13.0	19.4





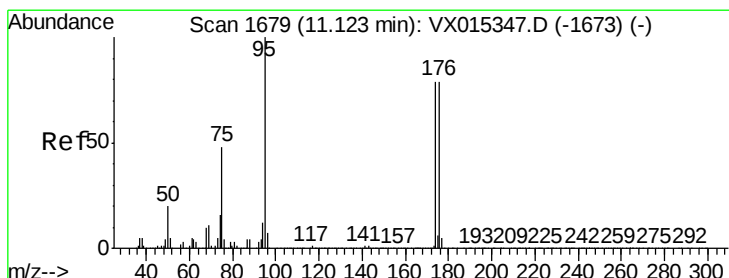
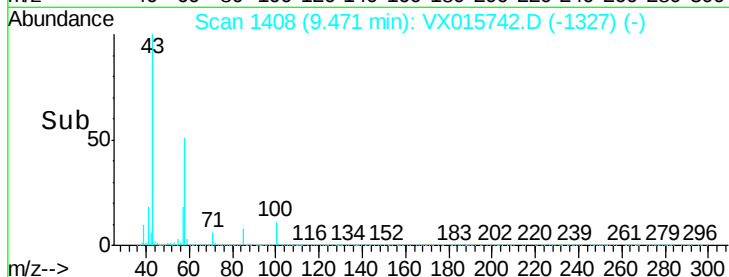
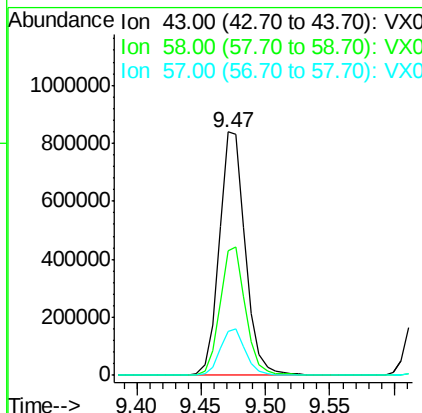
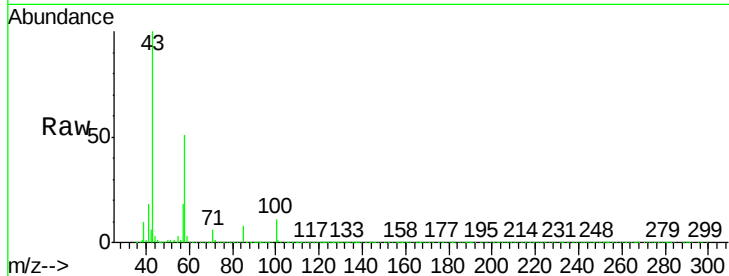
#59
2-Hexanone
Concen: 92.942 ug/l
RT: 9.47 min Scan# 1408
Delta R.T. -0.01 min
Lab File: VX015742.D
Acq: 17 Apr 2020 16:46

Instrument :
MSVOA_X
ClientSampleId :
VX0417WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	52.3	40.2	60.4
57	18.6	14.6	22.0

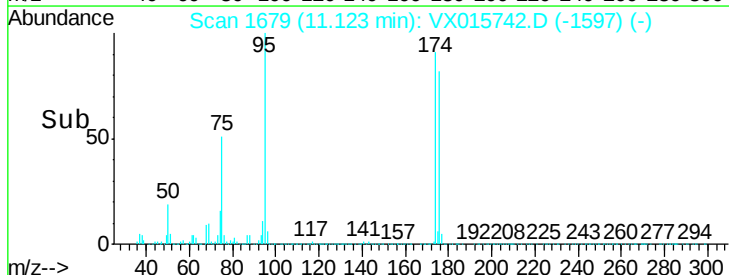
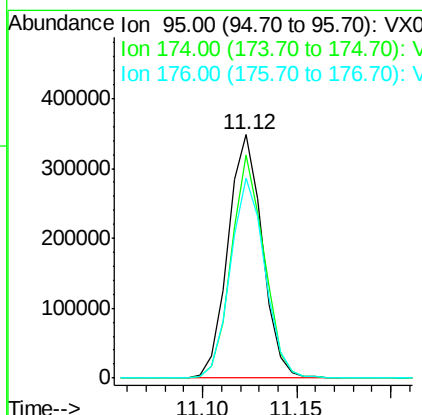
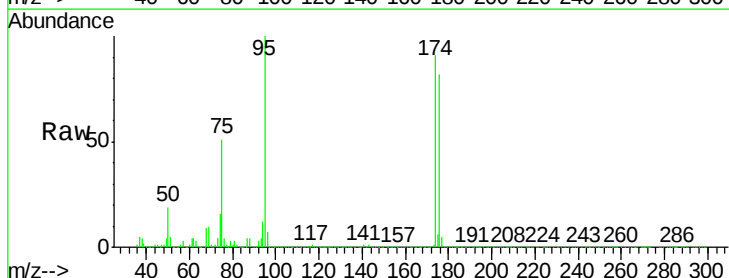
Manual Integrations
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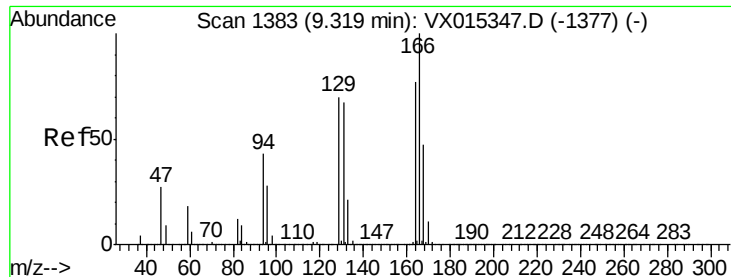
MMDadoda
4/20/2020 10:06:43 AM



#60
4-Bromofluorobenzene
Concen: 29.198 ug/l
RT: 11.12 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VX015742.D
Acq: 17 Apr 2020 16:46

Tgt Ion	Ratio	Lower	Upper
95	100		
174	87.9	66.4	99.6
176	82.8	64.1	96.1





#61

Tetrachloroethene

Concen: 17.940 ug/l

RT: 9.32 min Scan# 1383

Delta R.T. 0.00 min

Lab File: VX015742.D

Acq: 17 Apr 2020 16:46

Instrument :

MSVOA_X

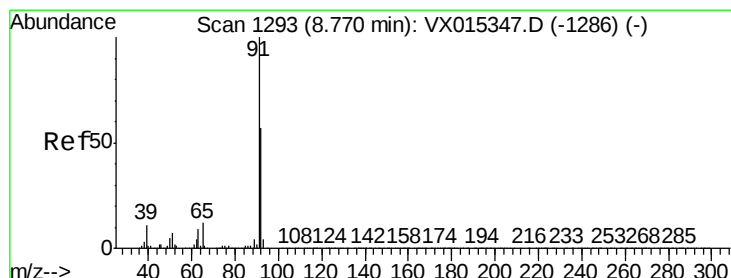
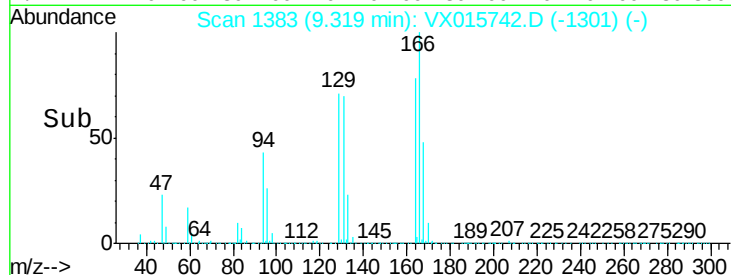
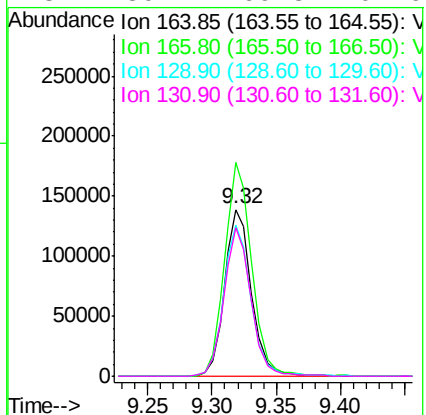
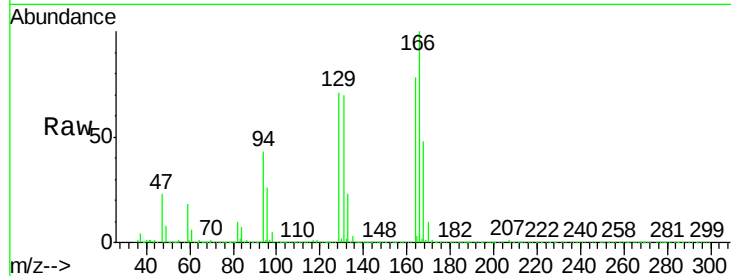
ClientSampleId :

VX0417WBSD01

Tot Ion	164	Resp	202170
Ion Ratio	Lower	Upper	
164	100		
166	128.1	103.6	155.4
129	90.6	72.6	108.8
131	89.2	69.8	104.6

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#62

Toluene

Concen: 18.753 ug/l

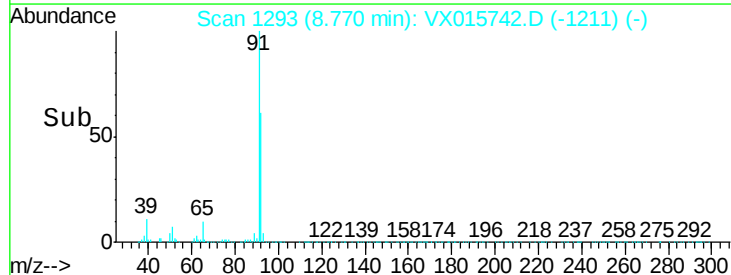
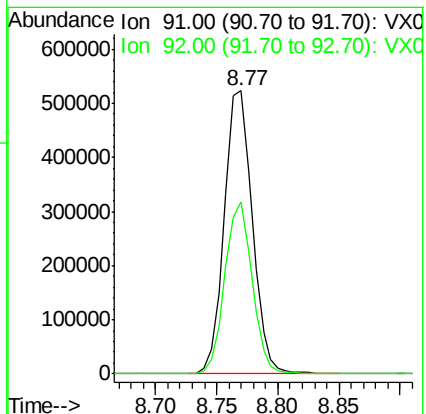
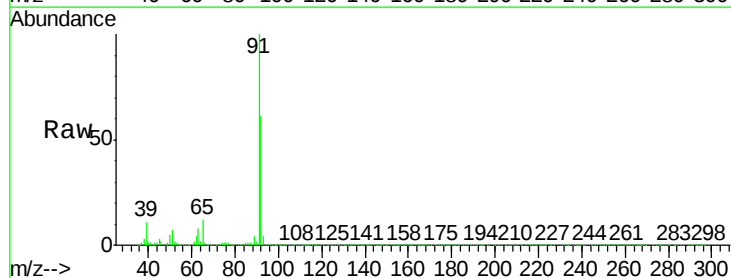
RT: 8.77 min Scan# 1293

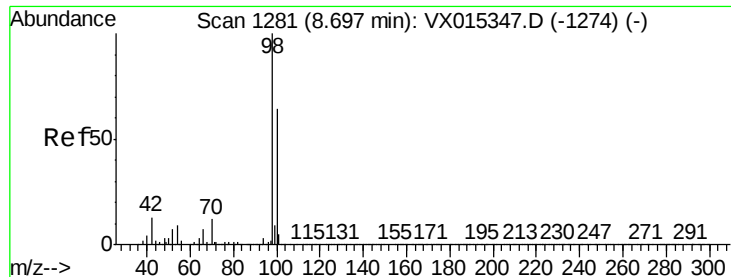
Delta R.T. 0.00 min

Lab File: VX015742.D

Acq: 17 Apr 2020 16:46

Tgt Ion	91	Resp	832760
Ion Ratio	Lower	Upper	
91	100		
92	59.0	46.7	70.1





#63

Toluene-d8

Concen: 29.794 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VX015742.D

Acq: 17 Apr 2020 16:46

Instrument :

MSVOA_X

ClientSampleId :

VX0417WBSD01

Tot Ion: 98 Resp: 1109791

Ion Ratio Lower Upper

98 100

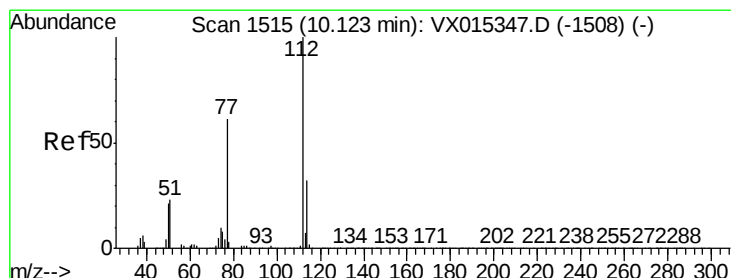
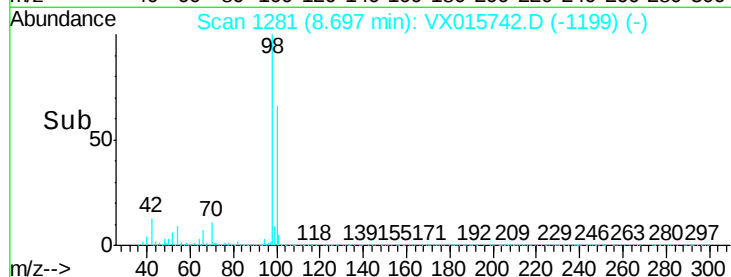
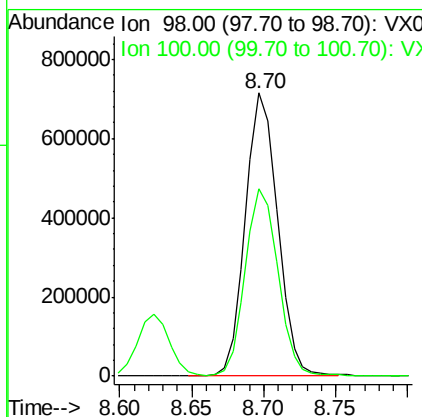
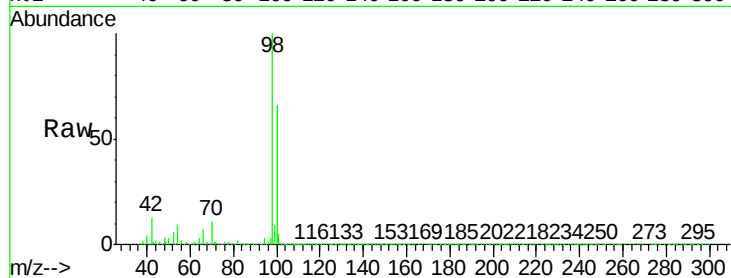
100 66.7 52.2 78.2

Manual Integrations

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#64

Chlorobenzene

Concen: 19.224 ug/l

RT: 10.12 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VX015742.D

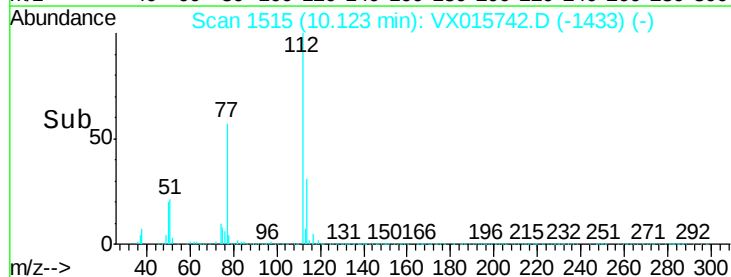
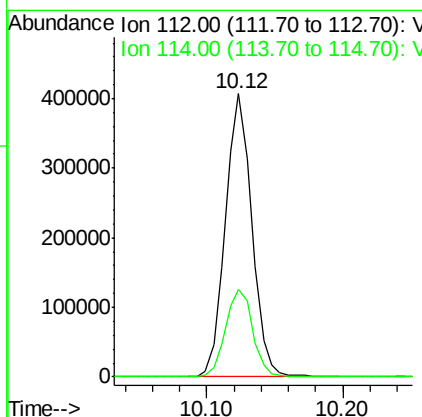
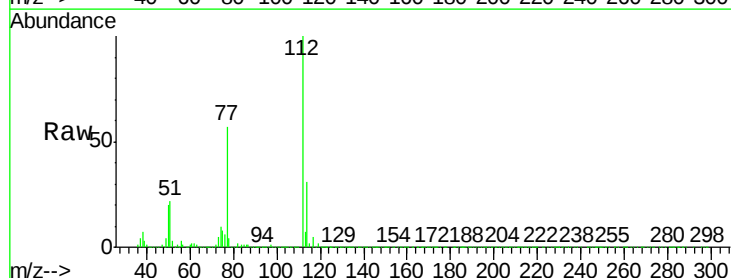
Acq: 17 Apr 2020 16:46

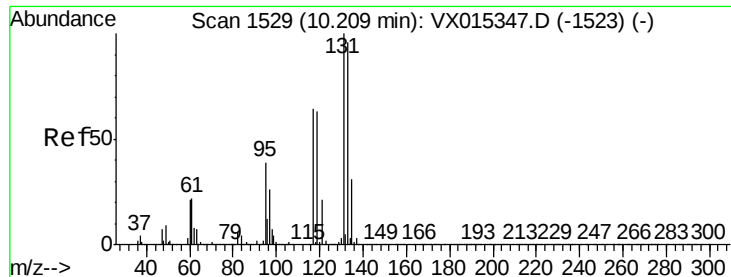
Tgt Ion: 112 Resp: 548886

Ion Ratio Lower Upper

112 100

114 30.7 25.8 38.8





#65

1,1,1,2-Tetrachloroethane

Concen: 17.829 ug/l

RT: 10.21 min Scan# 1529

Delta R.T. 0.00 min

Lab File: VX015742.D

Acq: 17 Apr 2020 16:46

Instrument :

MSVOA_X

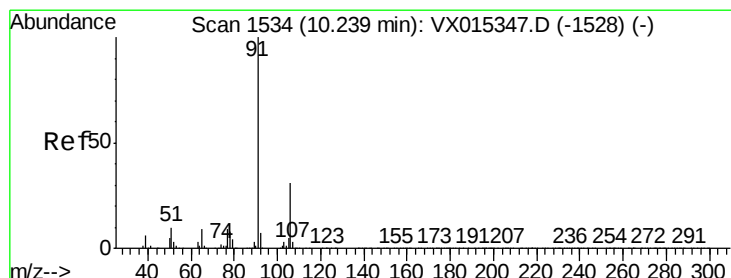
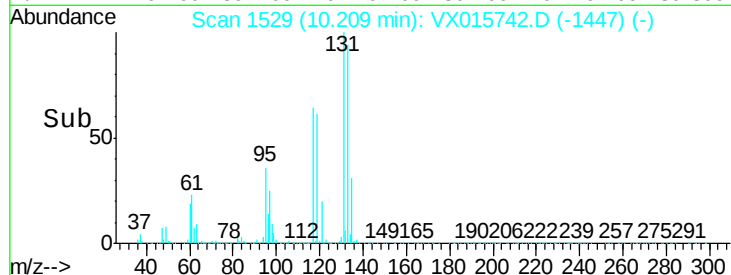
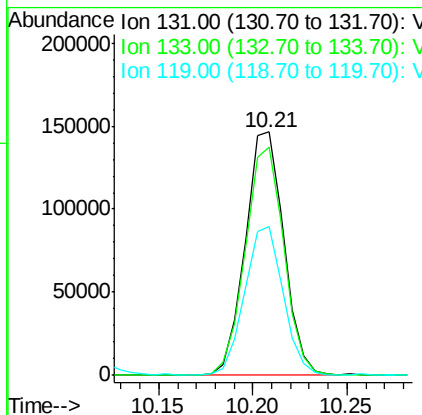
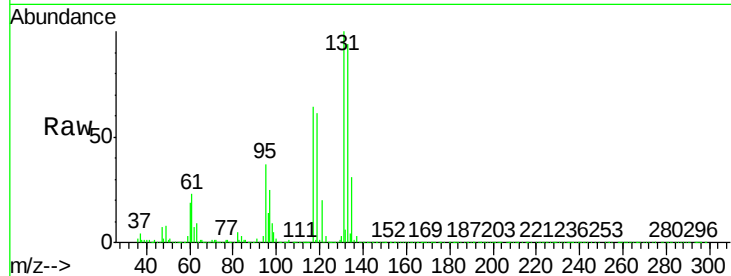
ClientSampleId :

VX0417WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
131	100	208010		
133	93.6	0.0	193.6	
119	60.9	0.0	128.0	

Manual Integrations
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#66

Ethyl Benzene

Concen: 18.883 ug/l

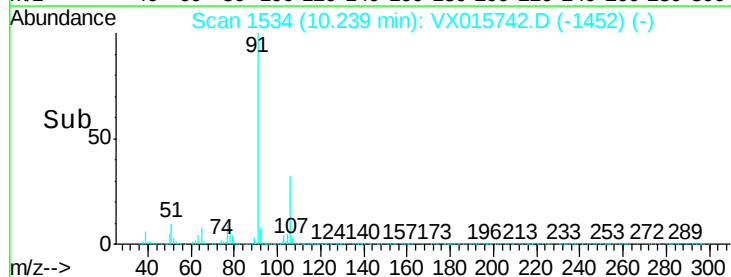
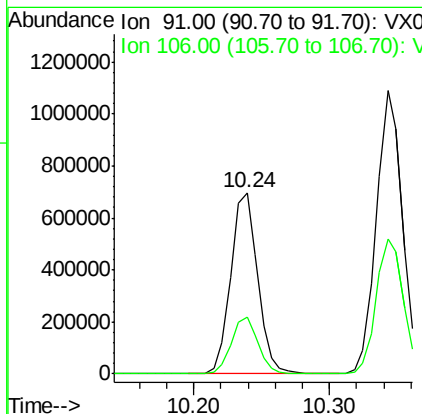
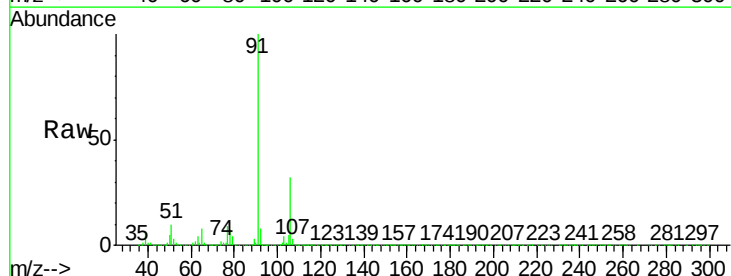
RT: 10.24 min Scan# 1534

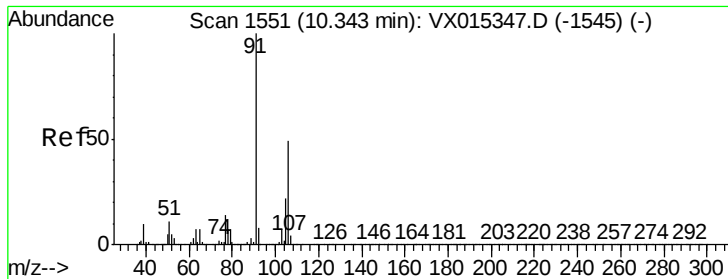
Delta R.T. 0.00 min

Lab File: VX015742.D

Acq: 17 Apr 2020 16:46

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	957935		
106	31.5	25.0	37.6	





#67

m/p-Xvlenes

Concen: 37.891 ug/l

RT: 10.34 min Scan# 1551

Delta R.T. 0.00 min

Lab File: VX015742.D

Acq: 17 Apr 2020 16:46

Instrument :

MSVOA_X

ClientSampleId :

VX0417WBSD01

Tot Ion:106 Resp: 727550

Ion Ratio Lower Upper

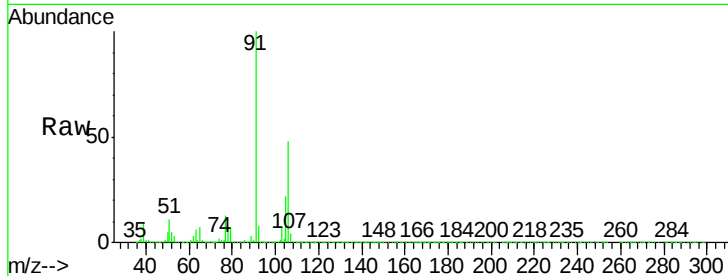
106 100

91 201.0 165.0 247.4

Manual Integrations
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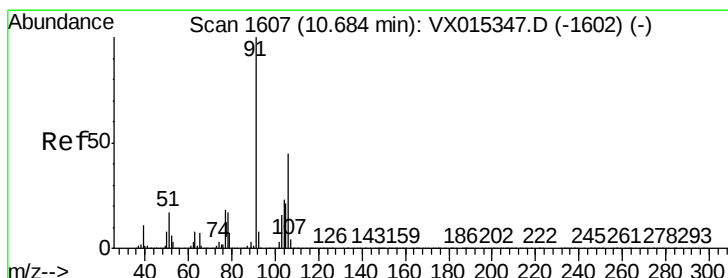
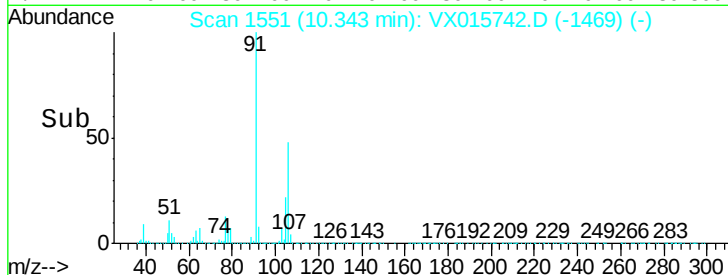
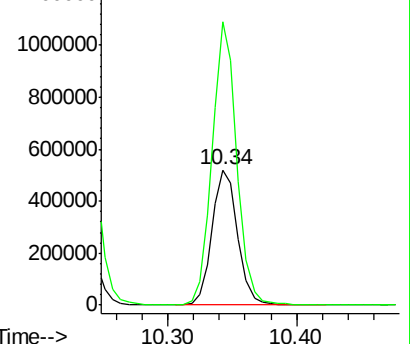
MMDadoda

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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: 18.461 ug/l

RT: 10.68 min Scan# 1607

Delta R.T. 0.00 min

Lab File: VX015742.D

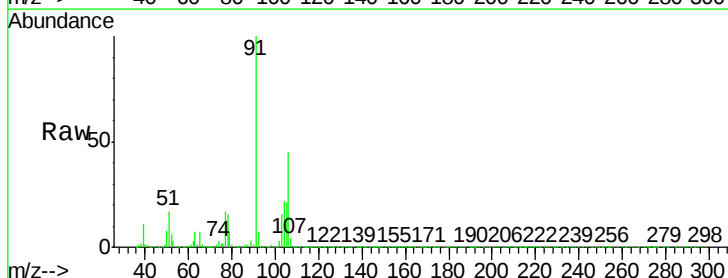
Acq: 17 Apr 2020 16:46

Tgt Ion:106 Resp: 346484

Ion Ratio Lower Upper

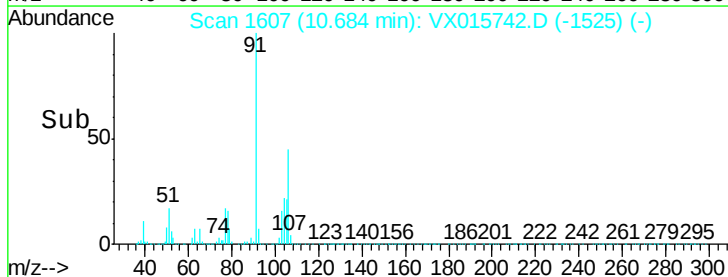
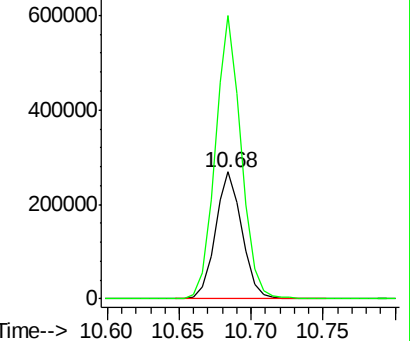
106 100

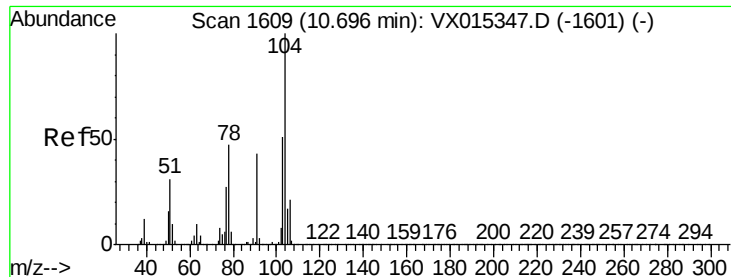
91 217.5 109.1 327.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





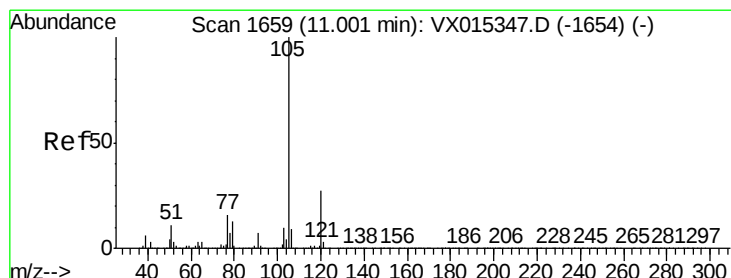
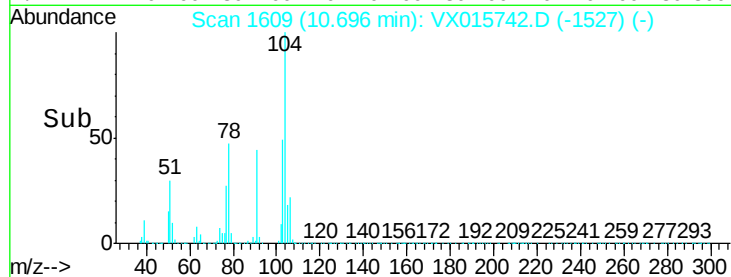
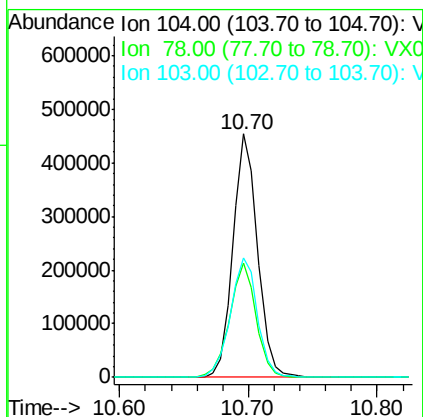
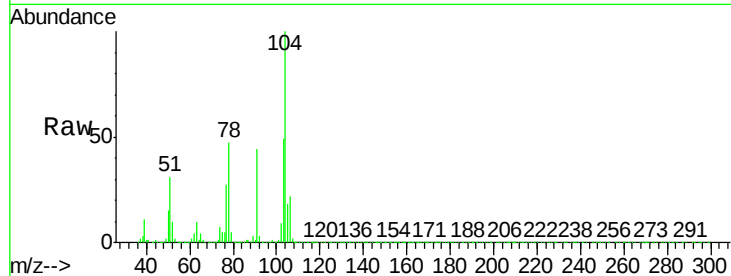
#69
Stvrene
Concen: 18.530 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015742.D
Acq: 17 Apr 2020 16:46

Instrument :
MSVOA_X
ClientSampleId :
VX0417WBSD01

Tot Ion	Ratio	Lower	Upper
104	100		
78	50.5	41.5	62.3
103	53.7	43.4	65.2

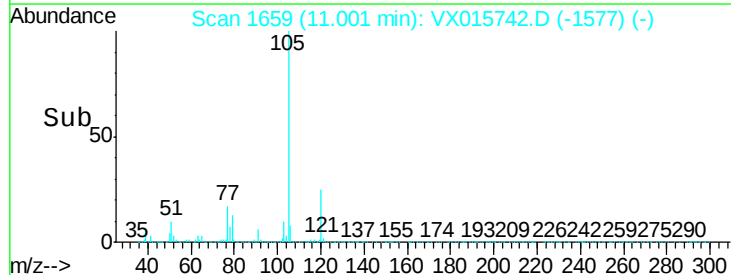
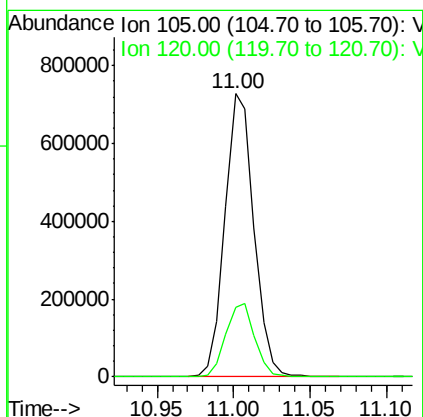
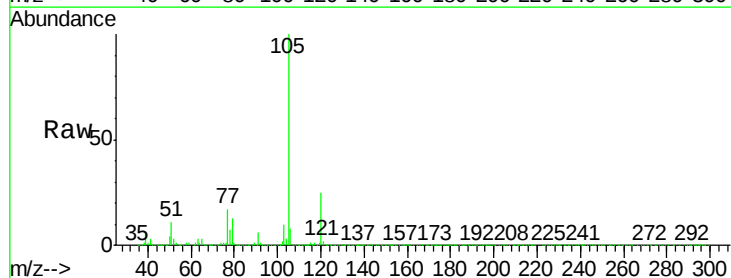
Manual Integrations
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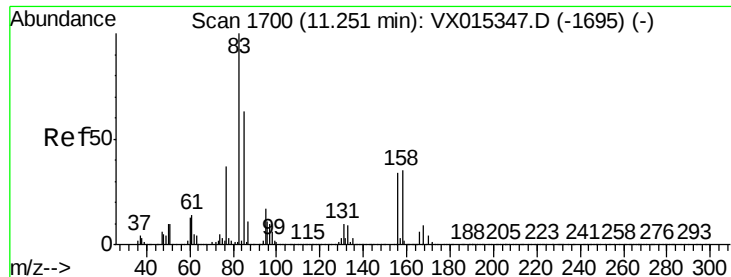
MMDadoda
4/20/2020 10:06:43 AM



#70
Isopropylbenzene
Concen: 19.171 ug/l
RT: 11.00 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX015742.D
Acq: 17 Apr 2020 16:46

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.0	18.8	34.8





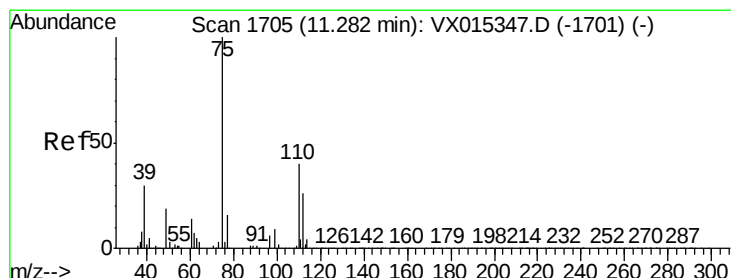
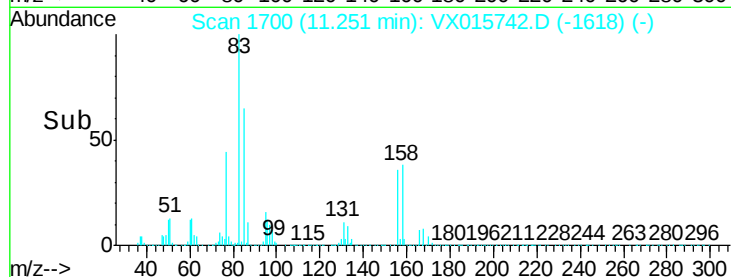
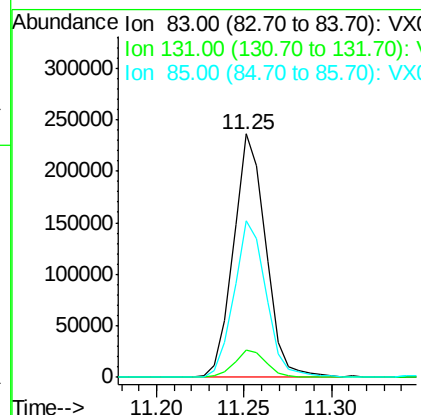
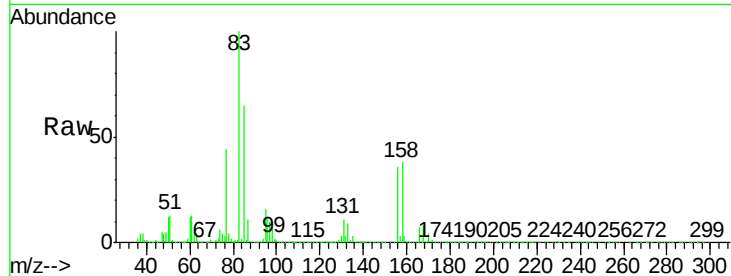
#71
 1,1,2,2-Tetrachloroethane
 Concen: 18.742 ug/l
 RT: 11.25 min Scan# 1700
 Delta R.T. 0.00 min
 Lab File: VX015742.D
 Acq: 17 Apr 2020 16:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0417WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
131	11.2	5.3	15.9	
85	64.6	32.0	96.2	

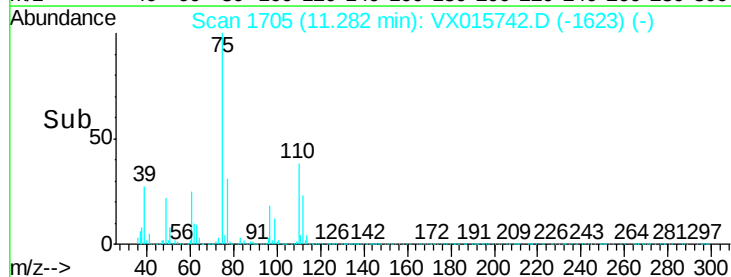
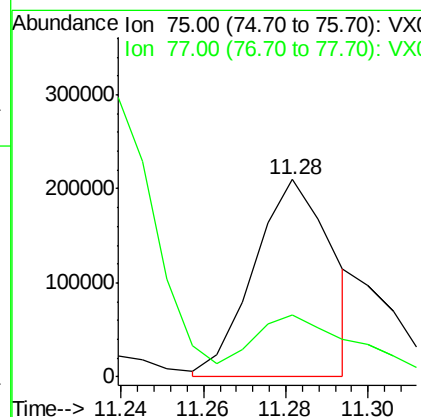
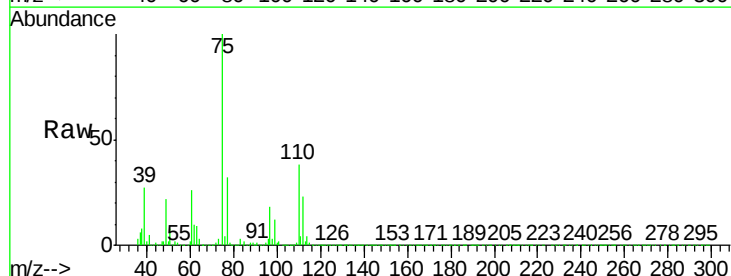
Manual Integrations
 APPROVED

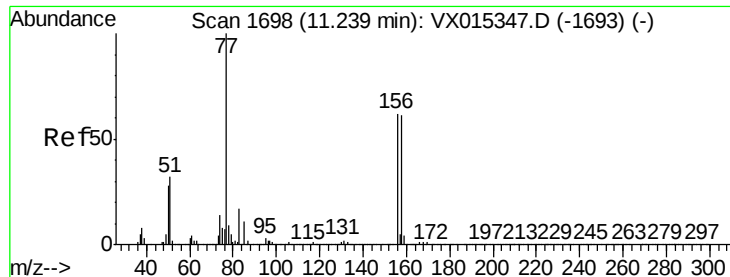
MMDadoda
 4/20/2020 10:06:43 AM



#72
 1,2,3-Trichloropropane
 Concen: 18.440 ug/l m
 RT: 11.28 min Scan# 1705
 Delta R.T. 0.00 min
 Lab File: VX015742.D
 Acq: 17 Apr 2020 16:46

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
77	40.7	0.0	80.0	





#73

Bromobenzene

Concen: 18.697 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX015742.D

Acq: 17 Apr 2020 16:46

Instrument :

MSVOA_X

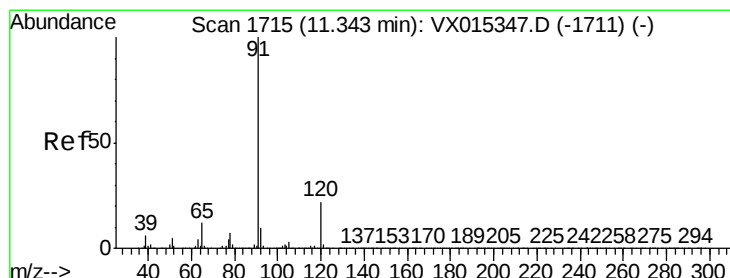
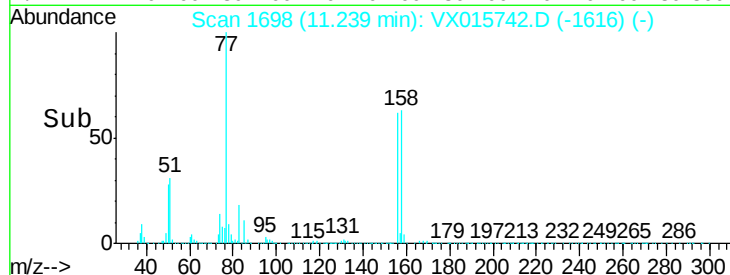
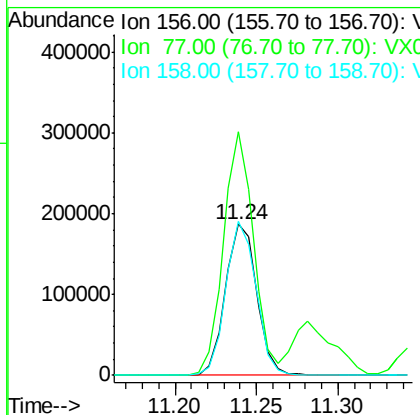
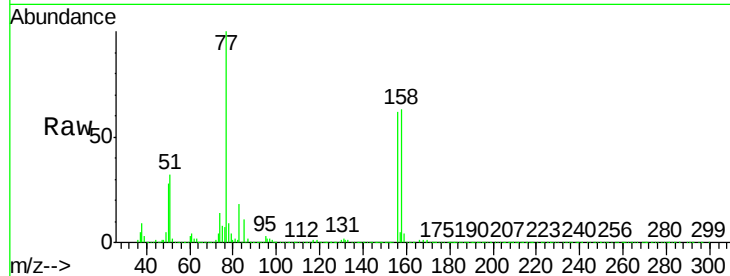
ClientSampleId :

VX0417WBSD01

Tot Ion:	156	Resp:	249719
Ion Ratio	Lower	Upper	
156	100		
77	154.0	0.0	324.4
158	98.2	0.0	200.0

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#74

n-propylbenzene

Concen: 19.004 ug/l

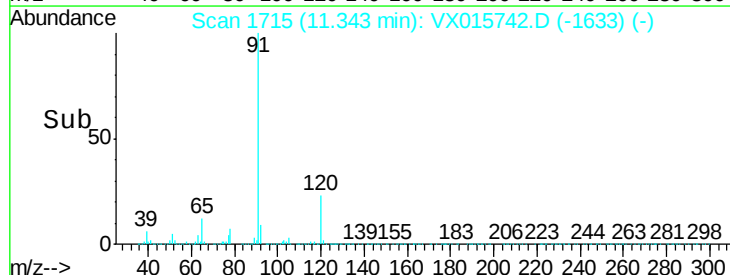
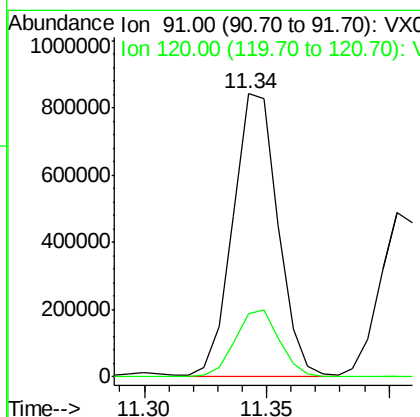
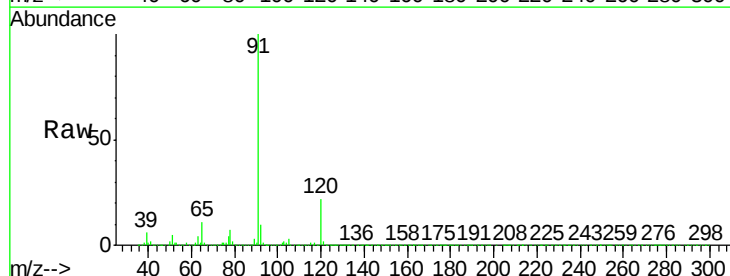
RT: 11.34 min Scan# 1715

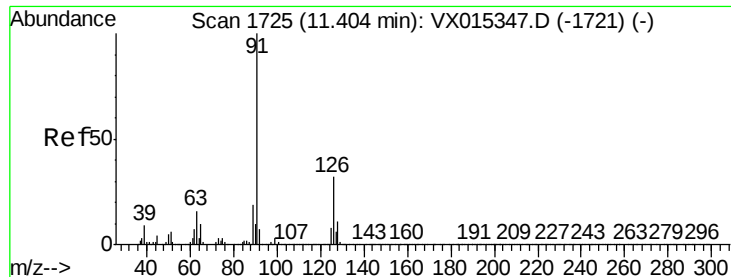
Delta R.T. 0.00 min

Lab File: VX015742.D

Acq: 17 Apr 2020 16:46

Tgt Ion:	91	Resp:	1084517
Ion Ratio	Lower	Upper	
91	100		
120	22.9	0.0	46.2





#75

2-Chlorotoluene

Concen: 18.784 ug/l

RT: 11.40 min Scan# 1725

Delta R.T. 0.00 min

Lab File: VX015742.D

Acq: 17 Apr 2020 16:46

Instrument :

MSVOA_X

ClientSampleId :

VX0417WBSD01

Tot Ion: 91 Resp: 651990

Ion Ratio Lower Upper

91 100

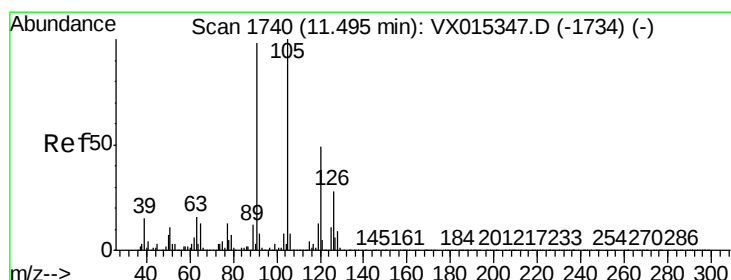
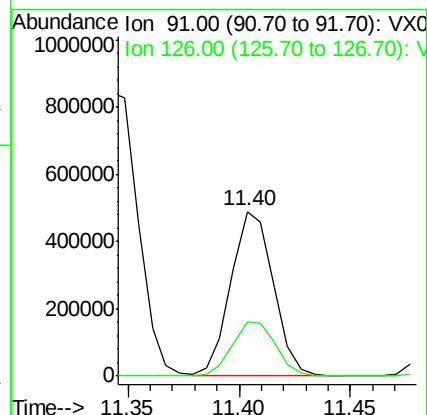
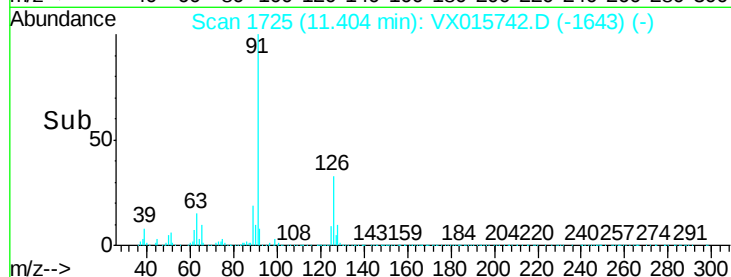
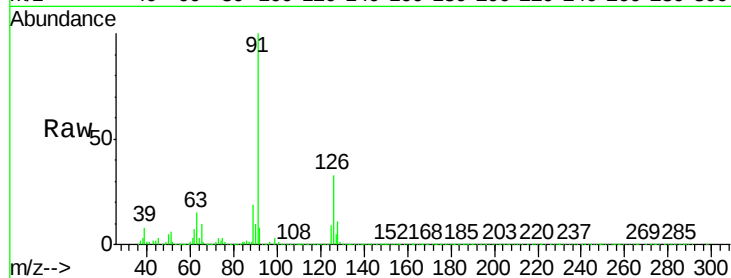
126 33.6 0.0 65.2

Manual Integrations

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#76

1,3,5-Trimethylbenzene

Concen: 18.466 ug/l

RT: 11.49 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VX015742.D

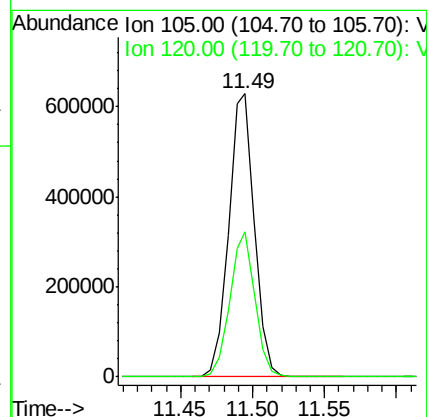
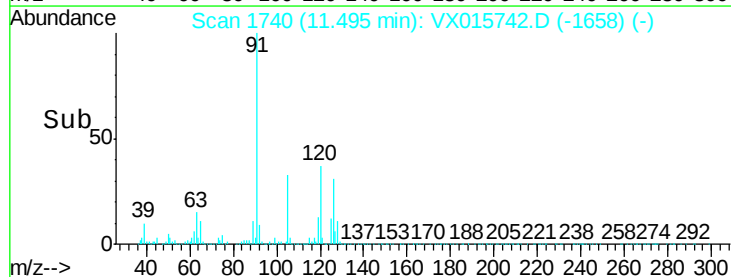
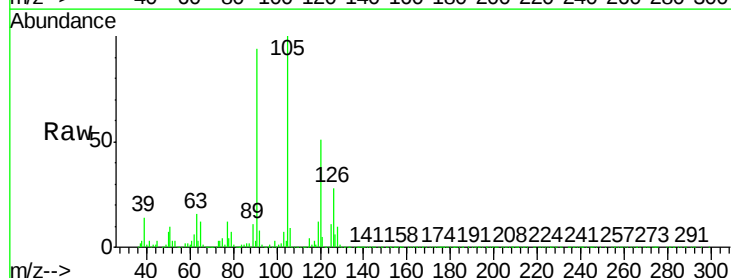
Acq: 17 Apr 2020 16:46

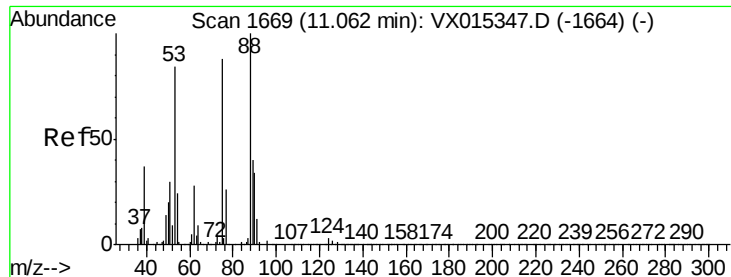
Tgt Ion: 105 Resp: 789002

Ion Ratio Lower Upper

105 100

120 49.7 0.0 98.0





#77

t-1,4-Dichloro-2-butene

Concen: 14.737 ug/l

RT: 11.06 min Scan# 1669

Delta R.T. 0.00 min

Lab File: VX015742.D

Acq: 17 Apr 2020 16:46

Instrument :

MSVOA_X

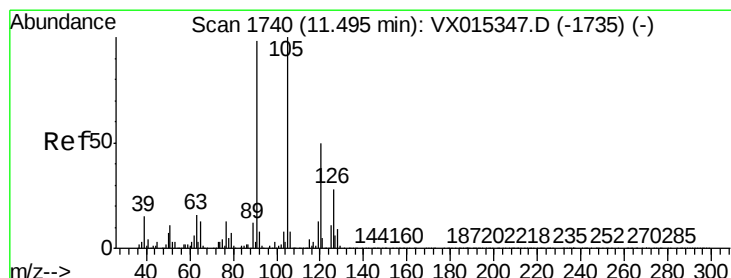
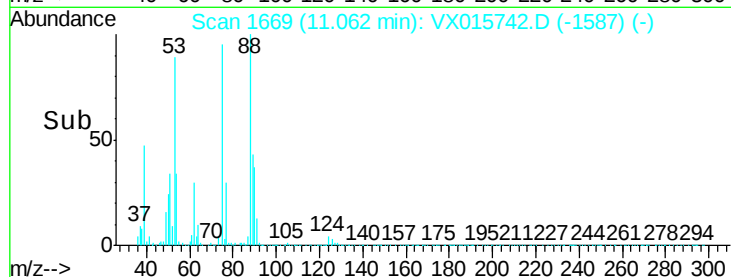
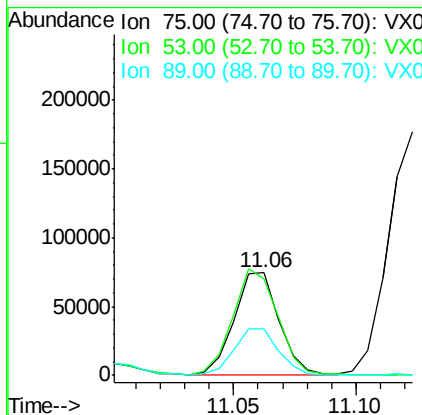
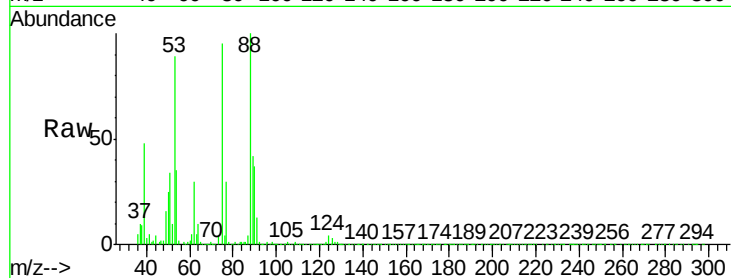
ClientSampleId :

VX0417WBSD01

Tot Ion:	75	Resp:	95827
Ion Ratio	Lower	Upper	
75	100		
53	93.9	47.5	142.6
89	44.3	22.8	68.3

Manual Integrations
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#78

4-Chlorotoluene

Concen: 18.636 ug/l

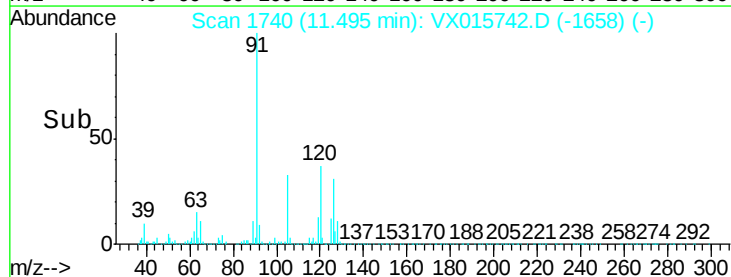
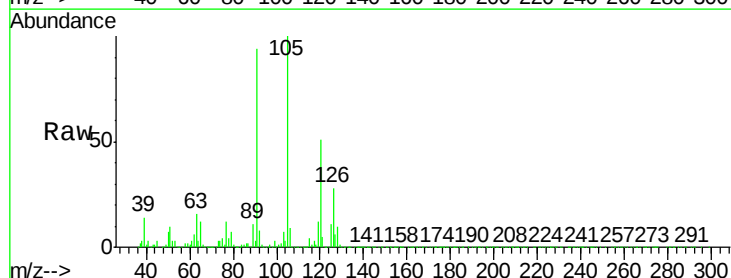
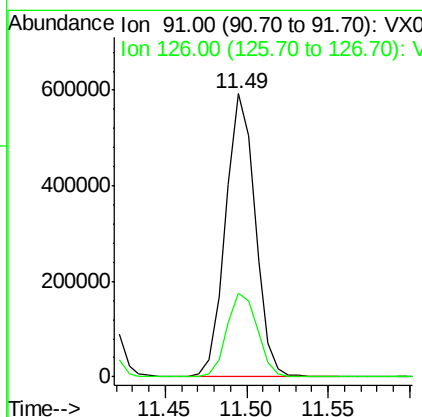
RT: 11.49 min Scan# 1740

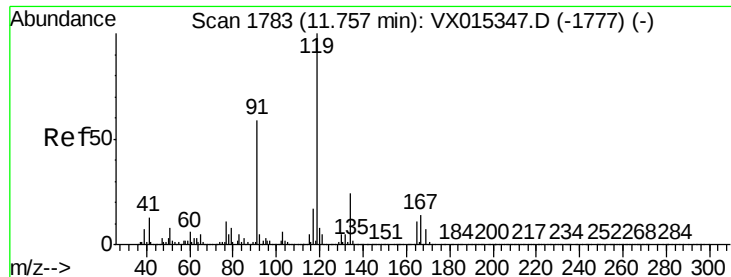
Delta R.T. 0.00 min

Lab File: VX015742.D

Acq: 17 Apr 2020 16:46

Tgt Ion:	91	Resp:	748297
Ion Ratio	Lower	Upper	
91	100		
126	30.5	0.0	57.8





#79

tert-butylbenzene

Concen: 18.503 ug/l

RT: 11.76 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX015742.D

Acq: 17 Apr 2020 16:46

Instrument :

MSVOA_X

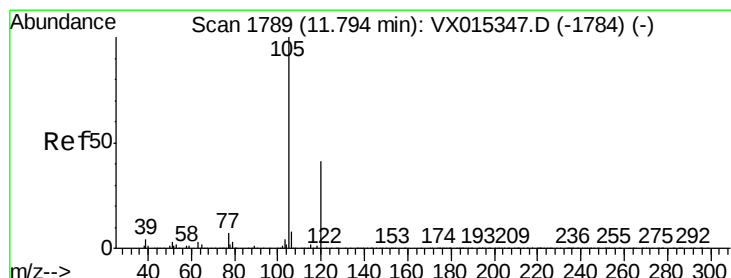
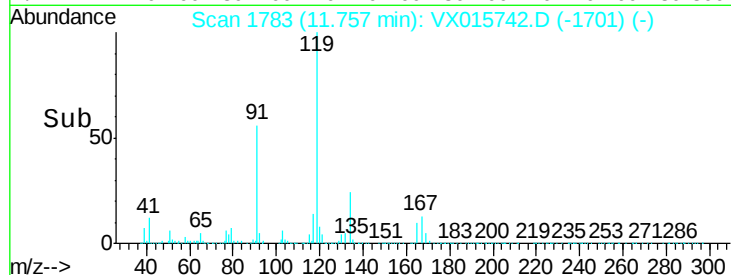
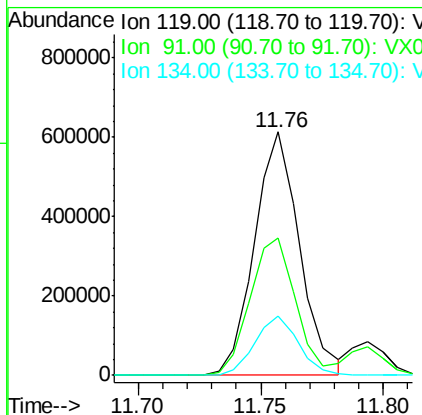
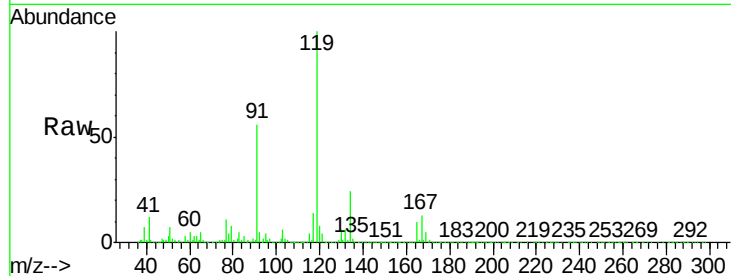
ClientSampleId :

VX0417WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
119	100		790161		
91	56.3	0.0	115.8		
134	23.6	0.0	47.0		

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#80

1,2,4-Trimethylbenzene

Concen: 18.494 ug/l

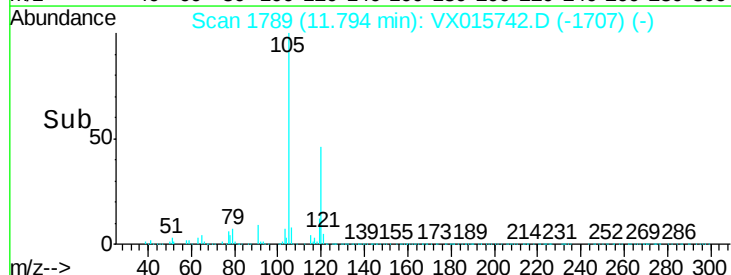
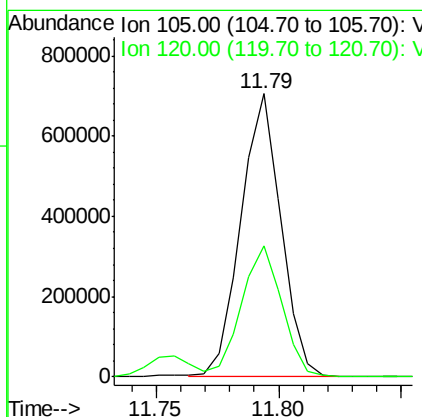
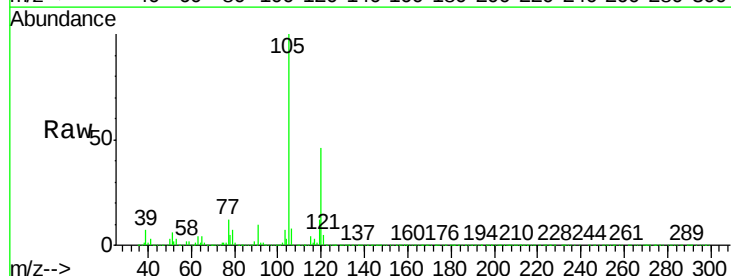
RT: 11.79 min Scan# 1789

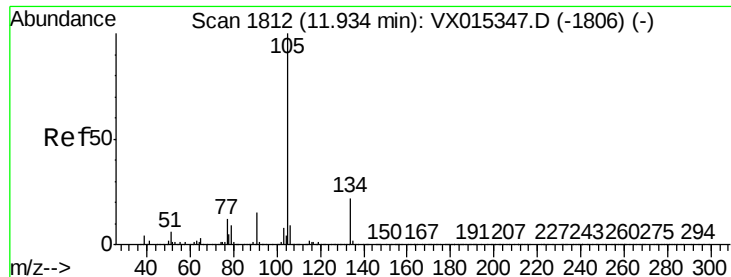
Delta R.T. 0.00 min

Lab File: VX015742.D

Acq: 17 Apr 2020 16:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		800461		
120	46.8	0.0	91.0		





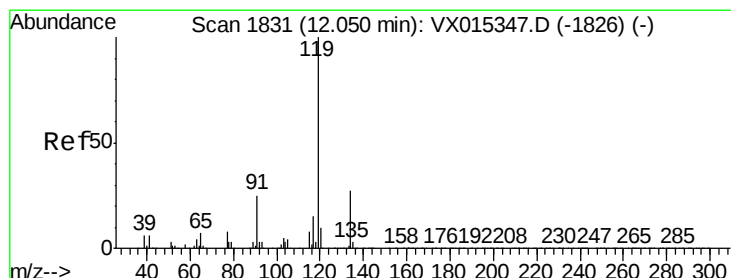
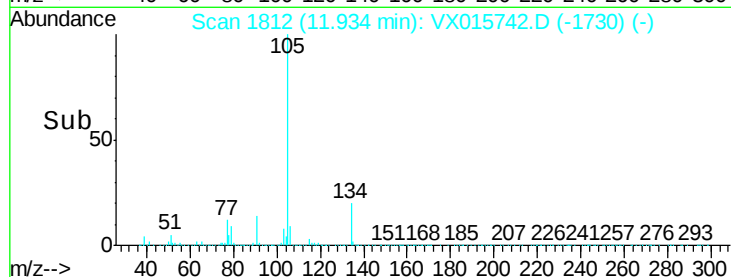
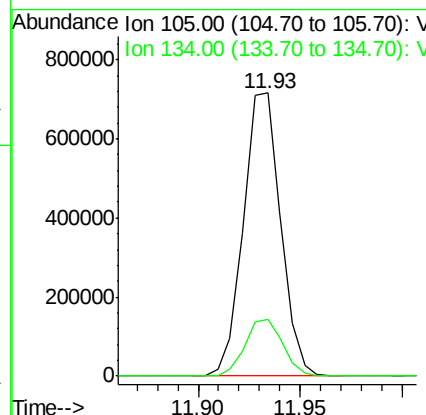
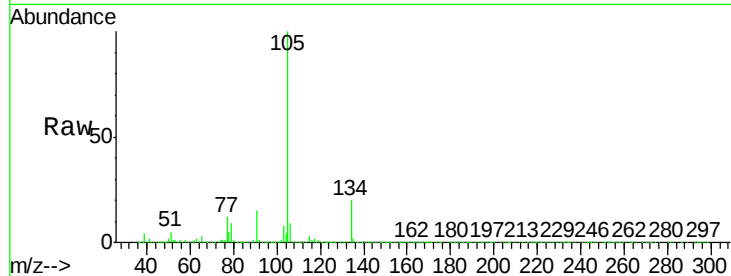
#81
 sec-Butylbenzene
 Concen: 18.546 ug/l
 RT: 11.93 min Scan# 1812
 Delta R.T. 0.00 min
 Lab File: VX015742.D
 Acq: 17 Apr 2020 16:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0417WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	908489		
134	20.3	0.0	41.6	

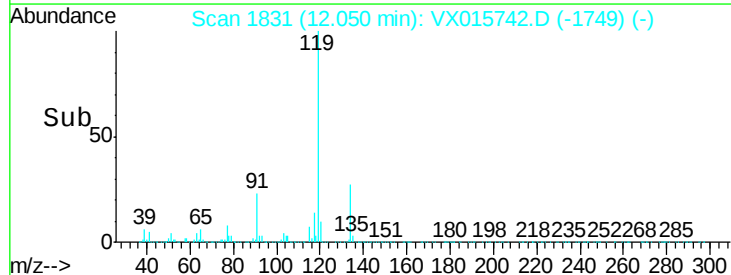
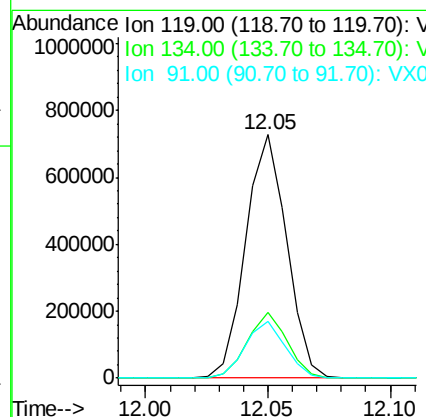
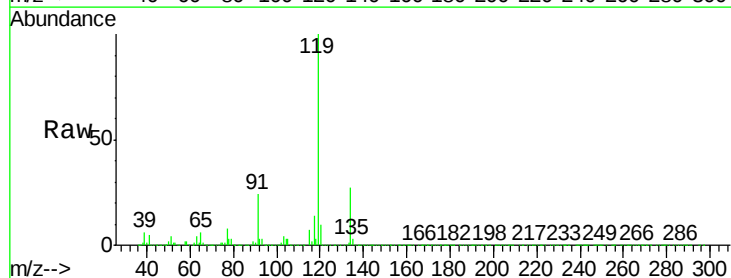
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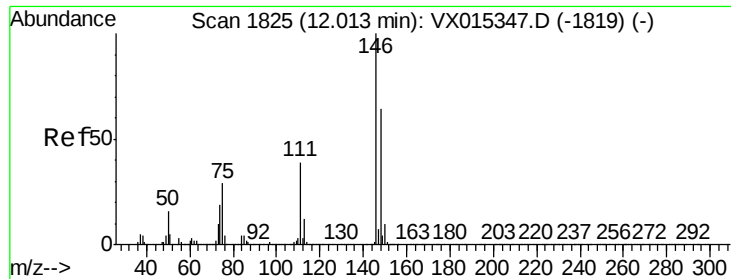
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#82
 p-Isopropyltoluene
 Concen: 18.346 ug/l
 RT: 12.05 min Scan# 1831
 Delta R.T. 0.00 min
 Lab File: VX015742.D
 Acq: 17 Apr 2020 16:46

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	847058		
134	26.2	0.0	53.2	
91	23.1	0.0	48.2	





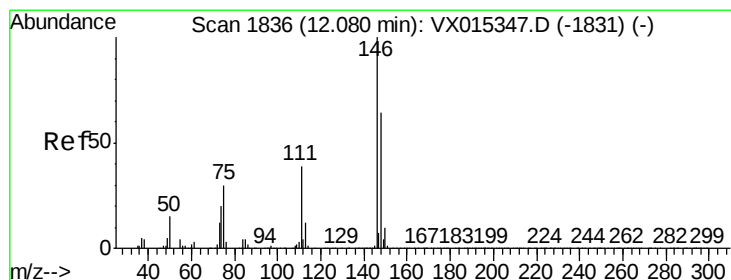
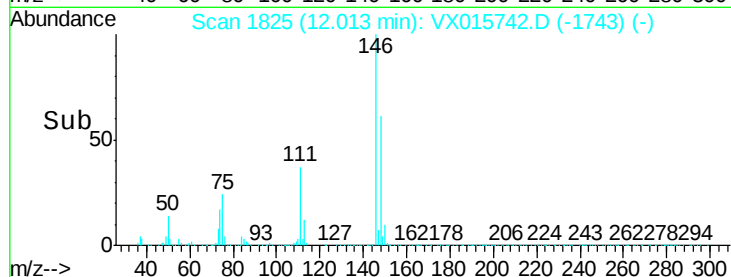
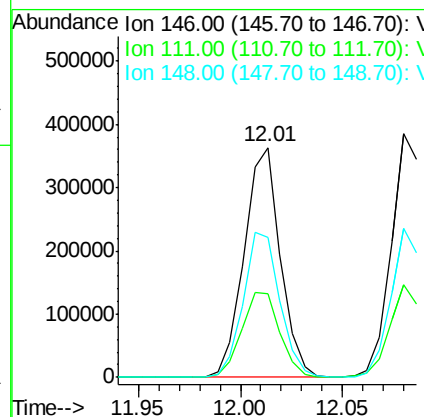
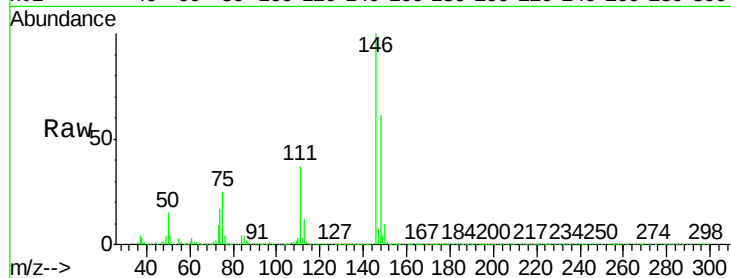
#83
 1,3-Dichlorobenzene
 Concen: 18.609 ug/l
 RT: 12.01 min Scan# 1825
 Delta R.T. 0.00 min
 Lab File: VX015742.D
 Acq: 17 Apr 2020 16:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0417WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.2	20.1	60.2
148	63.6	31.4	94.2

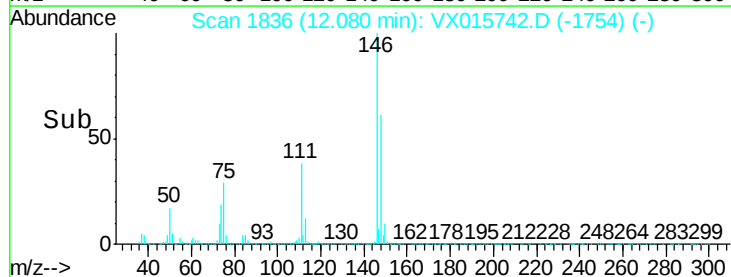
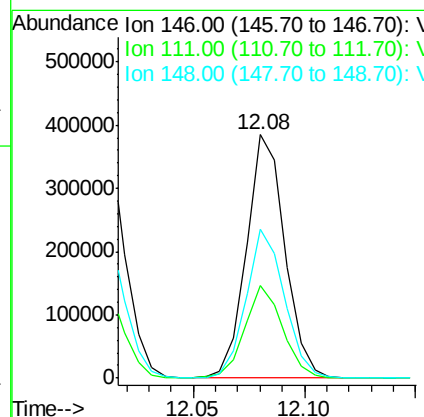
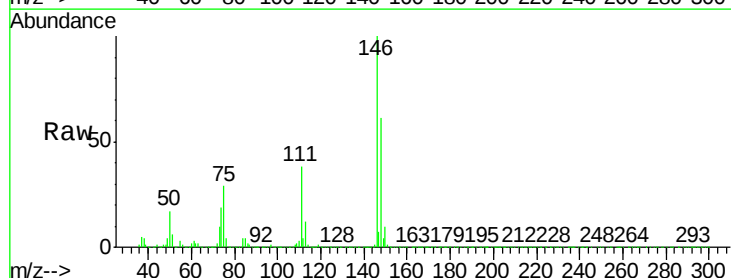
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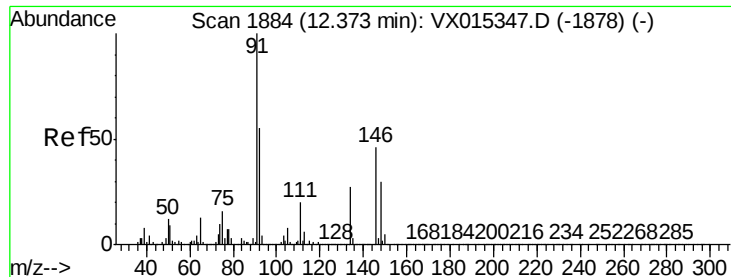
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#84
 1,4-Dichlorobenzene
 Concen: 19.261 ug/l
 RT: 12.08 min Scan# 1836
 Delta R.T. 0.00 min
 Lab File: VX015742.D
 Acq: 17 Apr 2020 16:46

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.9	56.9
148	60.8	31.4	94.3





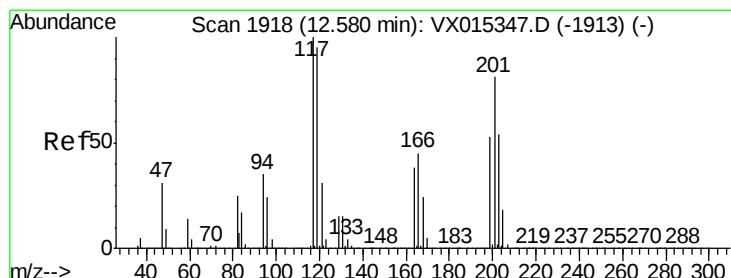
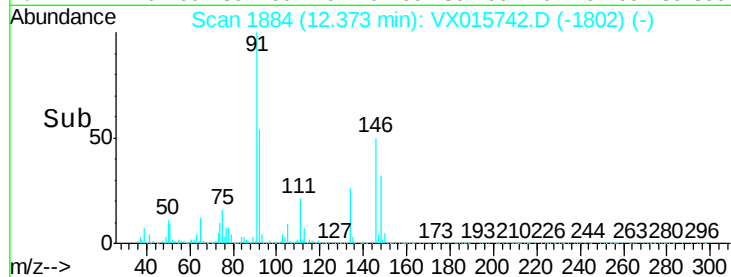
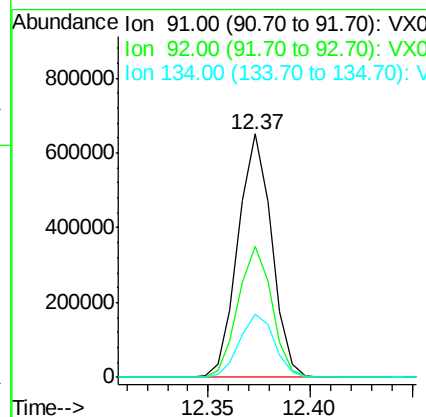
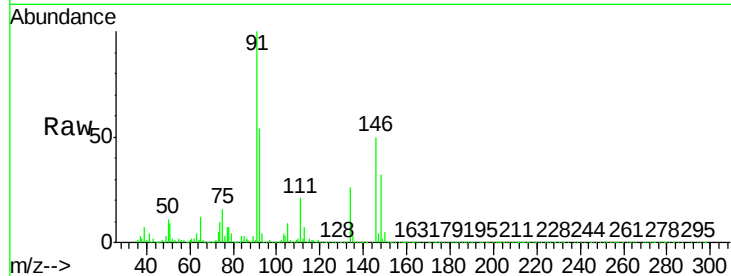
#85
n-Butylbenzene
Concen: 18.041 ug/l
RT: 12.37 min Scan# 1884
Delta R.T. 0.00 min
Lab File: VX015742.D
Acq: 17 Apr 2020 16:46

Instrument :
MSVOA_X
ClientSampleId :
VX0417WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	742446		
92	54.2	0.0	109.0	
134	27.1	0.0	54.0	

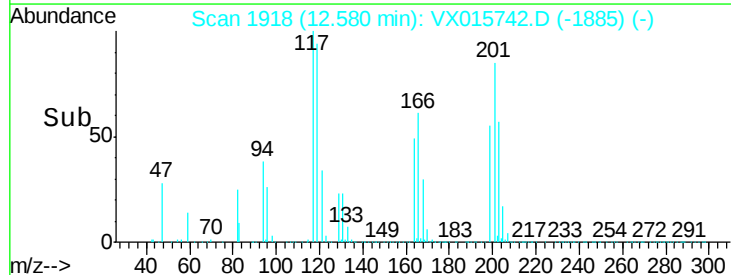
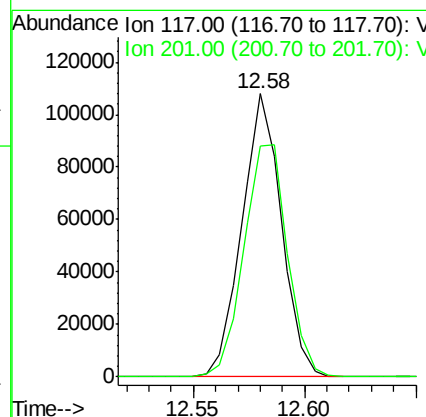
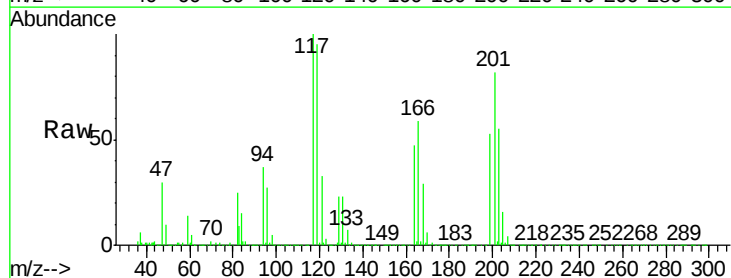
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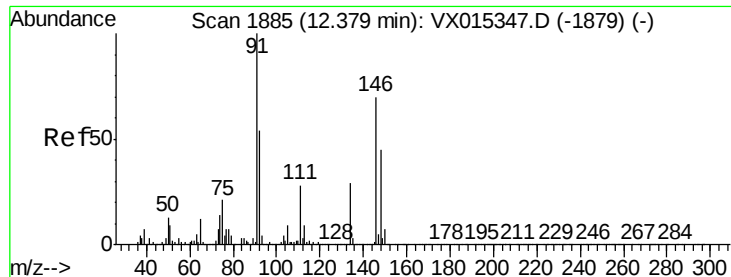
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#86
Hexachloroethane
Concen: 14.953 ug/l
RT: 12.58 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VX015742.D
Acq: 17 Apr 2020 16:46

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	133433		
201	90.4	44.9	134.5	





#87

1,2-Dichlorobenzene

Concen: 18.766 ug/l

RT: 12.38 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX015742.D

Acq: 17 Apr 2020 16:46

Instrument :

MSVOA_X

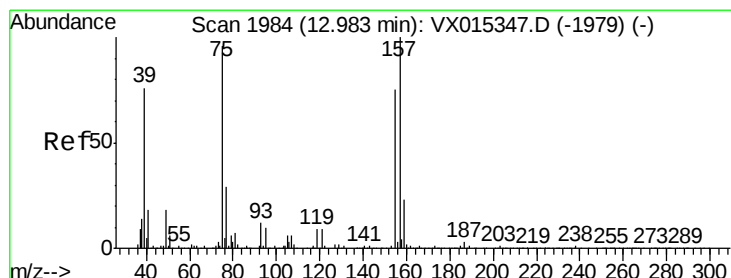
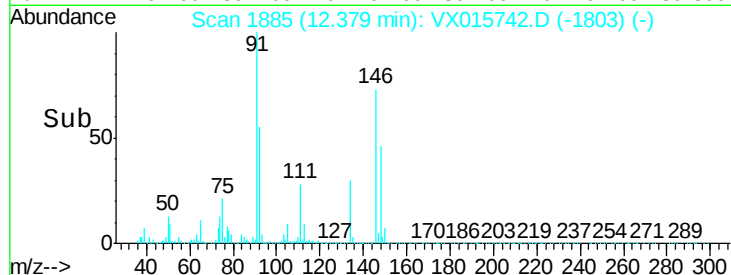
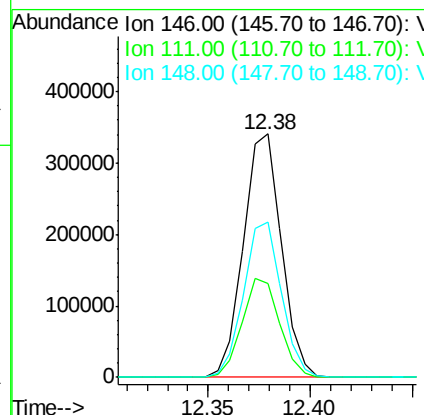
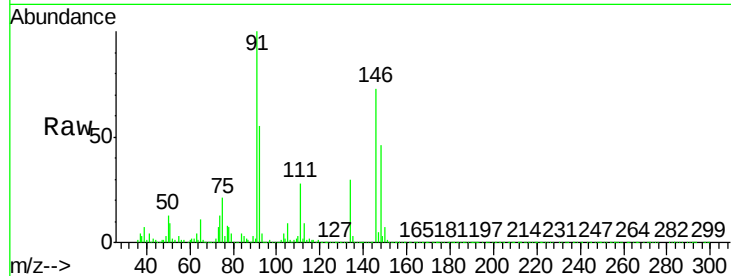
ClientSampleId :

VX0417WBSD01

Tot Ion:	146	Resp:	439694
Ion Ratio	Lower	Upper	
146	100		
111	40.3	20.4	61.2
148	63.7	31.9	95.9

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#88

1,2-Dibromo-3-Chloropropane

Concen: 16.346 ug/l

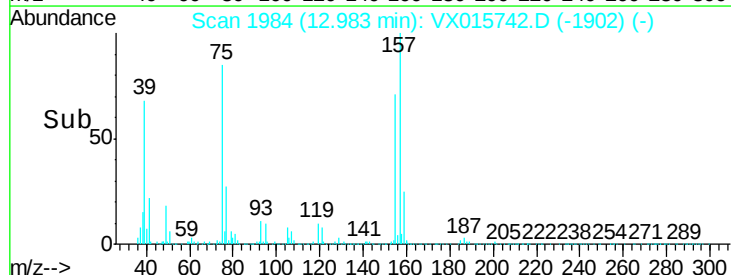
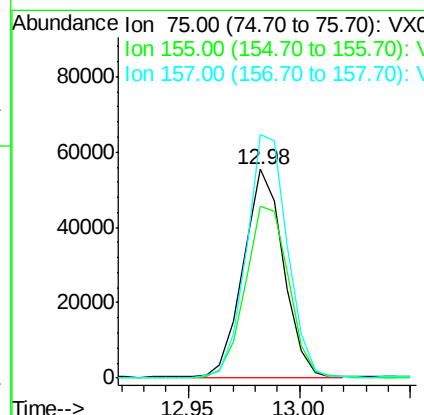
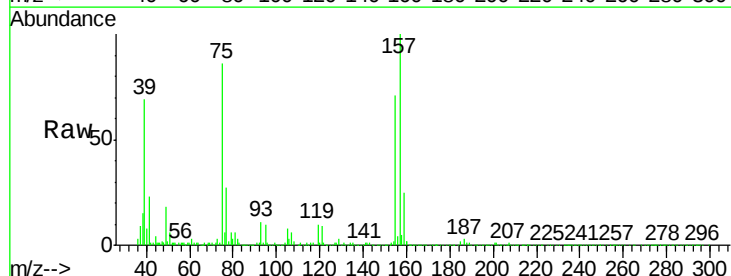
RT: 12.98 min Scan# 1984

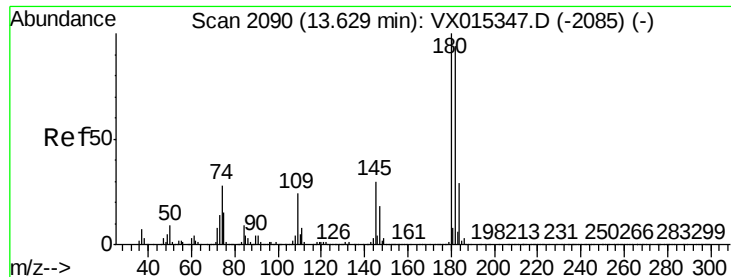
Delta R.T. 0.00 min

Lab File: VX015742.D

Acq: 17 Apr 2020 16:46

Tgt Ion:	75	Resp:	69429
Ion Ratio	Lower	Upper	
75	100		
155	88.9	67.7	101.5
157	119.2	88.5	132.7





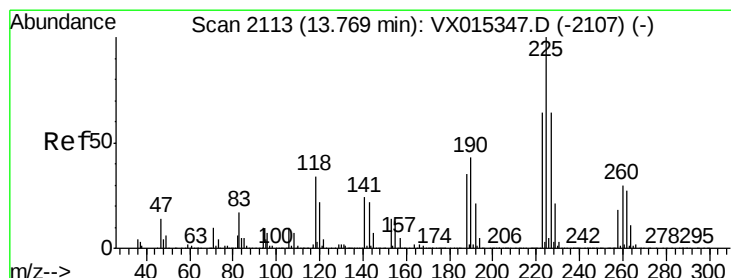
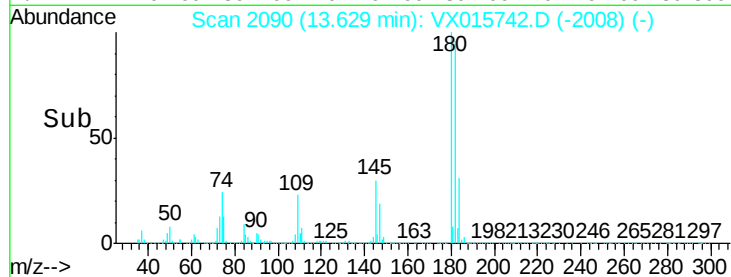
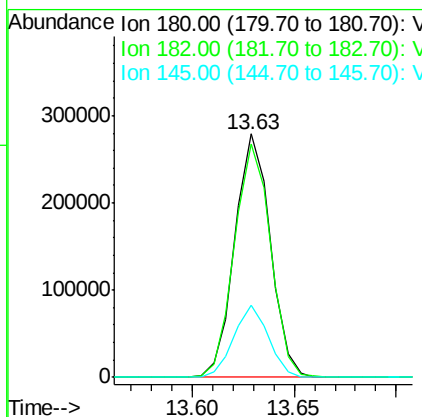
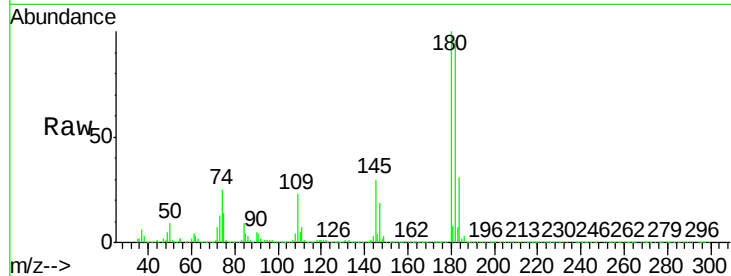
#89
 1,2,4-Trichlorobenzene
 Concen: 17.824 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. 0.00 min
 Lab File: VX015742.D
 Acq: 17 Apr 2020 16:46

Instrument :
 MSVOA_X
 ClientSampled :
 VX0417WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	336410		
182	97.8	76.9	115.3	
145	28.9	24.3	36.5	

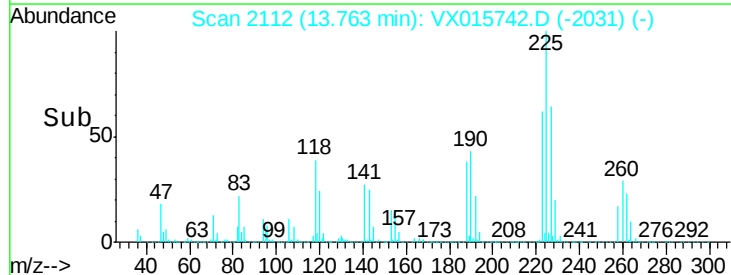
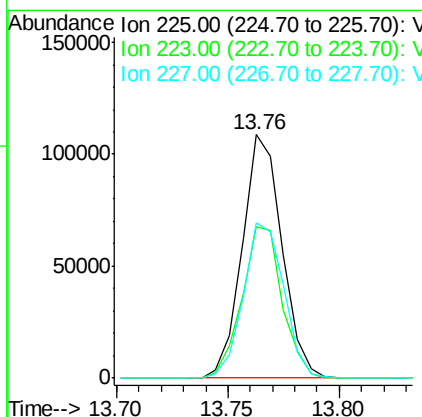
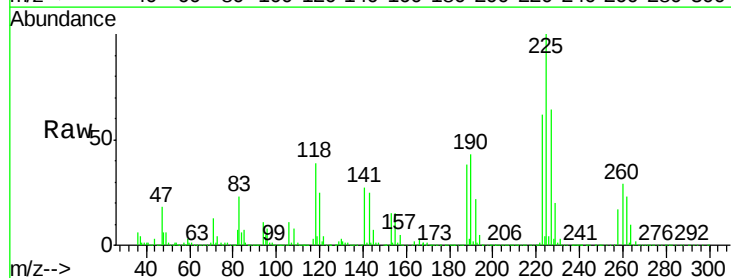
Manual Integrations
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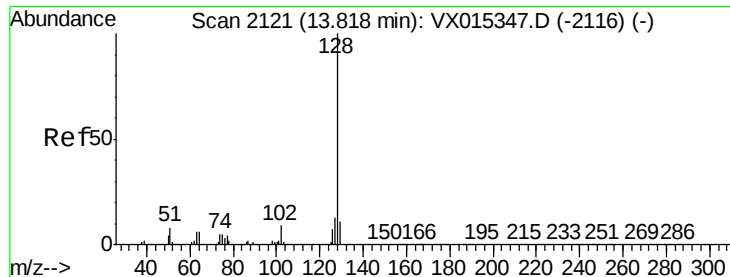
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#90
 Hexachlorobutadiene
 Concen: 13.656 ug/l
 RT: 13.76 min Scan# 2112
 Delta R.T. -0.01 min
 Lab File: VX015742.D
 Acq: 17 Apr 2020 16:46

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	135778		
223	62.8	0.0	127.0	
227	64.4	0.0	126.8	





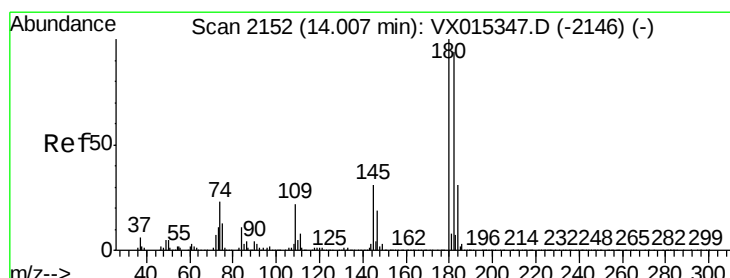
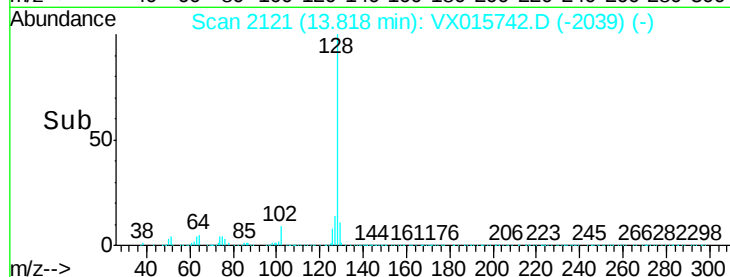
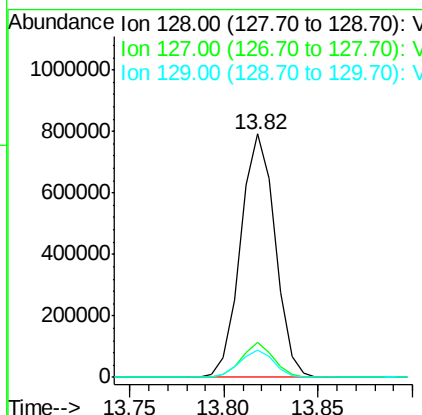
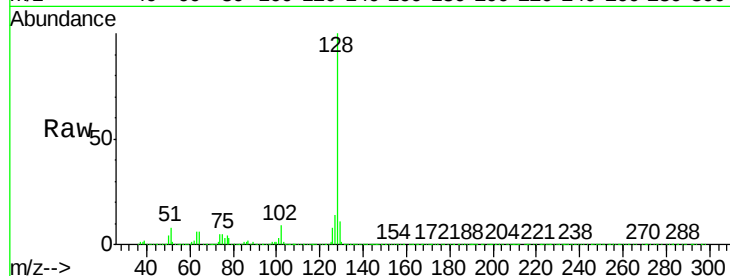
#91
Naphthalene
Concen: 18.404 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. 0.00 min
Lab File: VX015742.D
Acq: 17 Apr 2020 16:46

Instrument :
MSVOA_X
ClientSampleId :
VX0417WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.3	15.5
129	11.0	8.9	13.3

Manual Integrations
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#92
1,2,3-Trichlorobenzene
Concen: 17.941 ug/l
RT: 14.00 min Scan# 2151
Delta R.T. -0.01 min
Lab File: VX015742.D
Acq: 17 Apr 2020 16:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	0.0	191.0
145	30.1	0.0	62.2

