

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX043020\
 Data File : VX015989.D
 Acq On : 30 Apr 2020 11:17
 Operator : JC/SP
 Sample : VSTDIC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Manual Integrations
 APPROVED

MMDadoda
 5/4/2020 3:10:12 PM

Quant Time: Apr 30 12:44:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X043020W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Apr 30 12:23:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	49114	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.84	114	274876	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	258216	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	113325	29.60	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.67%
60) 4-Bromofluorobenzene	11.12	95	129097	29.53	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.43%
63) Toluene-d8	8.70	98	326571	29.73	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.10%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	186449	64.314	ug/l 98
3) Chloromethane	1.31	50	175676	55.480	ug/l 99
4) Vinyl Chloride	1.39	62	194255	60.151	ug/l 99
5) Bromomethane	1.62	94	127013	69.917	ug/l 100
6) Chloroethane	1.71	64	126871	61.937	ug/l 98
7) Trichlorofluoromethane	1.92	101	280341	61.002	ug/l 100
8) Diethyl Ether	2.17	74	107276	60.484	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	141394	52.455	ug/l 99
10) 1,1-Dichloroethene	2.36	96	140247	51.361	ug/l 96
11) Methyl Iodide	2.49	142	199276	54.956	ug/l 99
12) Methyl Acetate	2.75	43	255002	58.548	ug/l 99
13) Acrolein	2.27	56	103866	227.150	ug/l 99
14) Acrylonitrile	3.12	53	457945	266.742	ug/l 99
15) Acetone	2.42	58	121395	274.956	ug/l 97
16) Carbon Disulfide	2.55	76	431174	53.241	ug/l 99
17) Allyl chloride	2.71	41	267266	46.584	ug/l 98
18) Methylene Chloride	2.84	84	159171	52.090	ug/l 98
19) trans-1,2-Dichloroethene	3.14	96	154575	52.246	ug/l 96
20) Diisopropyl ether	3.82	45	506759	48.423	ug/l 93
21) 1,1-Dichloroethane	3.67	63	284015	51.169	ug/l 100
22) cis-1,2-Dichloroethene	4.56	96	176140	52.064	ug/l 98
23) tert-Butyl Alcohol	3.01	59	224618	267.055	ug/l # 100
24) Methyl tert-Butyl Ether	3.17	73	511089	51.339	ug/l 99
25) Chloroform	5.18	83	288256	51.917	ug/l 96
26) Cyclohexane	5.55	56	262902	50.058	ug/l # 99
29) 1,1-Dichloropropene	5.77	75	220306	52.558	ug/l 98
30) 2-Butanone	4.64	43	655572	262.569	ug/l 99
31) 2,2-Dichloropropane	4.56	77	262854	52.147	ug/l 99
32) 1,1,1-Trichloroethane	5.46	97	265296	52.092	ug/l 99
33) Carbon Tetrachloride	5.76	117	239477	51.890	ug/l 99
34) Benzene	6.12	78	643128	53.022	ug/l 98
35) Methacrylonitrile	5.01	41	137506	49.735	ug/l 97
36) 1,2-Dichloroethane	6.17	62	243178	52.478	ug/l 99
37) Trichloroethene	7.19	130	226928	59.340	ug/l 98
38) Methylcyclohexane	7.44	83	267751	52.330	ug/l 99
39) 1,2-Dichloropropane	7.49	63	164091	51.296	ug/l 97
40) Dibromomethane	7.64	93	113178	52.123	ug/l 98

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MMDadoda
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.88	83	235373	51.192	ug/l	98
42) Vinyl Acetate	3.79	43	2160476	244.279	ug/l	100
43) Ethyl Acetate	4.79	43	253437	47.109	ug/l	99
44) Isopropyl Acetate	6.42	43	419253	49.659	ug/l	100
45) 1,4-Dioxane	7.71	88	88596	1087.366	ug/l	98
46) Methyl methacrylate	7.75	41	200041	48.437	ug/l	97
47) n-amyl Acetate	10.88	43	369081	50.303	ug/l	100
48) t-1,3-Dichloropropene	9.02	75	275431	51.812	ug/l	98
49) cis-1,3-Dichloropropene	8.42	75	282108	51.345	ug/l	99
50) 1,1,2-Trichloroethane	9.20	97	158822	51.612	ug/l	99
51) Ethyl methacrylate	9.16	69	266270	51.239	ug/l	98
52) 1,3-Dichloropropane	9.35	76	277420	52.134	ug/l	100
53) Dibromochloromethane	9.57	129	185605	50.336	ug/l	100
54) 1,2-Dibromoethane	9.65	107	177481	53.203	ug/l	99
55) 2-Chloroethyl vinyl ether	8.29	63	686708	270.389	ug/l	100
56) Bromoform	10.84	173	139222	47.480	ug/l	97
58) 4-Methyl-2-Pentanone	8.62	43	1283644	261.347	ug/l	100
59) 2-Hexanone	9.48	43	992586	263.823	ug/l	100
61) Tetrachloroethene	9.32	164	256070	63.530	ug/l	97
62) Toluene	8.77	91	691563	52.327	ug/l	100
64) Chlorobenzene	10.12	112	440098	51.804	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.21	131	167951	49.673	ug/l	99
66) Ethyl Benzene	10.24	91	789467	52.496	ug/l	100
67) m/p-Xylenes	10.34	106	603606	105.447	ug/l	99
68) o-Xylene	10.68	106	290474	52.330	ug/l	99
69) Styrene	10.70	104	500363	52.145	ug/l	100
70) Isopropylbenzene	11.01	105	788712	53.215	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.26	83	147304	37.589	ug/l	99
72) 1,2,3-Trichloropropane	11.28	75	240000m	53.229	ug/l	
73) Bromobenzene	11.24	156	197932	50.651	ug/l	99
74) n-propylbenzene	11.35	91	920694	53.992	ug/l	99
75) 2-Chlorotoluene	11.40	91	534782	52.179	ug/l	99
76) 1,3,5-Trimethylbenzene	11.49	105	670683	53.069	ug/l	98
77) t-1,4-Dichloro-2-butene	11.06	75	101916	52.702	ug/l	99
78) 4-Chlorotoluene	11.49	91	631830	52.922	ug/l	99
79) tert-butylbenzene	11.76	119	575869	48.218	ug/l	97
80) 1,2,4-Trimethylbenzene	11.79	105	666531	52.362	ug/l	100
81) sec-Butylbenzene	11.93	105	776399	53.404	ug/l	100
82) p-Isopropyltoluene	12.05	119	720240	52.794	ug/l	100
83) 1,3-Dichlorobenzene	12.01	146	351156	50.022	ug/l	100
84) 1,4-Dichlorobenzene	12.08	146	354212	50.717	ug/l	99
85) n-Butylbenzene	12.37	91	652464	53.440	ug/l	100
86) Hexachloroethane	12.58	117	124150	48.874	ug/l	97
87) 1,2-Dichlorobenzene	12.38	146	343205	50.283	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.98	75	60572	49.836	ug/l	99
89) 1,2,4-Trichlorobenzene	13.63	180	251143	46.859	ug/l	99
90) Hexachlorobutadiene	13.77	225	108553	40.279	ug/l	95
91) Naphthalene	13.82	128	808159	51.039	ug/l	100
92) 1,2,3-Trichlorobenzene	14.01	180	240899	45.992	ug/l	98

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ClientSampleId :
VSTDICC050

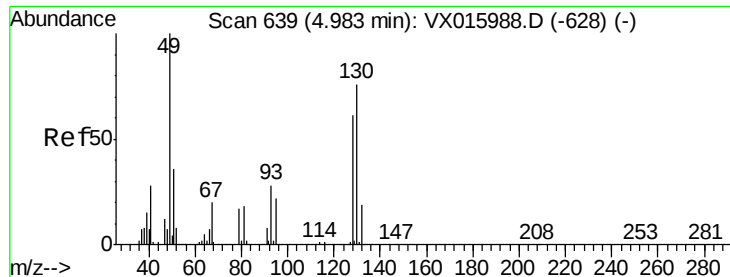
Manual Integrations
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5/4/2020 3:10:12 PM

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X043020W.M
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QLast Update : Thu Apr 30 12:23:54 2020
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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: 4.98 min Scan# 639

Delta R.T. 0.00 min

Lab File: VX015989.D

Acq: 30 Apr 2020 11:17

Instrument :

MSVOA_X

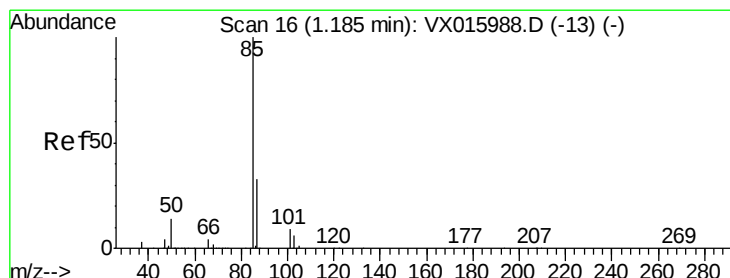
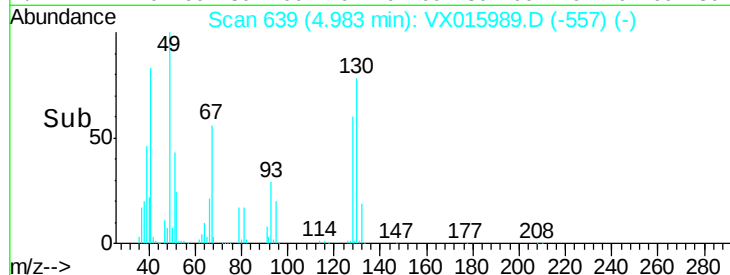
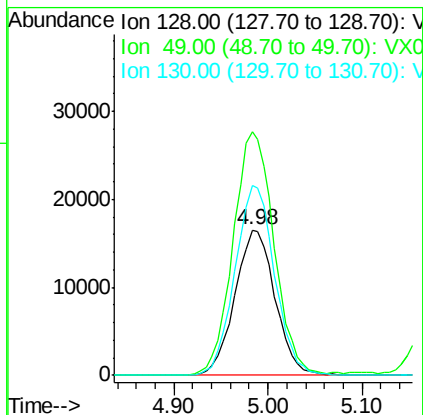
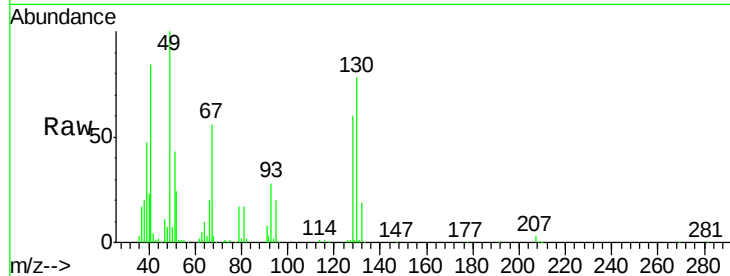
ClientSampleId :

VSTDIC050

Tot Ion:	128	Resp:	49114
Ion	Ratio	Lower	Upper
128	100		
49	170.4	0.0	418.5
130	129.6	0.0	326.3

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#2

Dichlorodifluoromethane

Concen: 64.314 ug/l

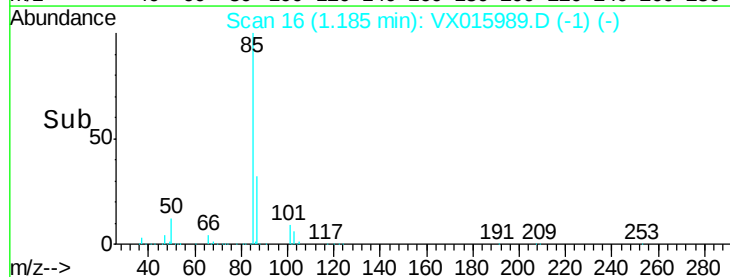
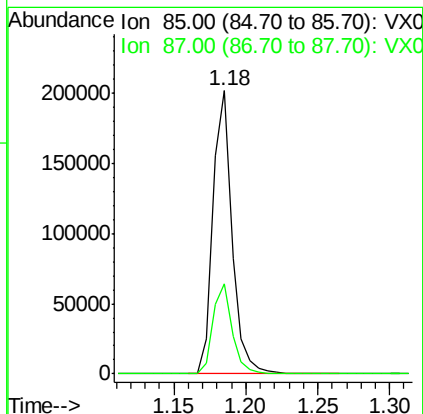
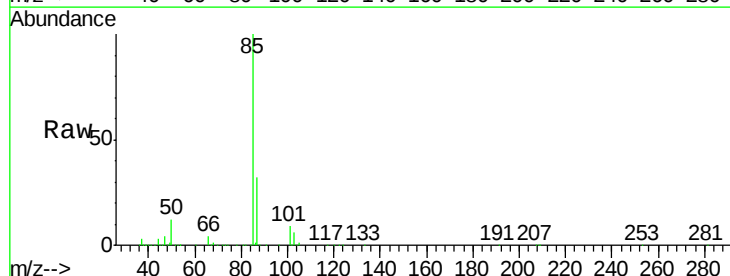
RT: 1.18 min Scan# 16

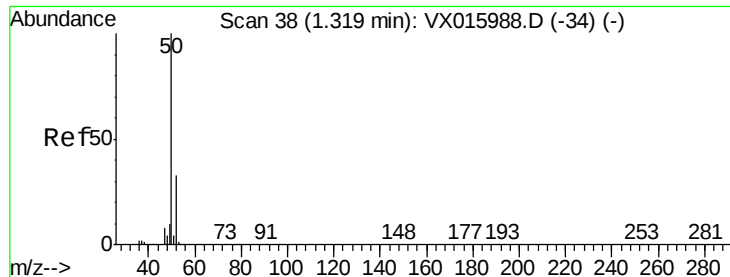
Delta R.T. 0.00 min

Lab File: VX015989.D

Acq: 30 Apr 2020 11:17

Tgt Ion:	85	Resp:	186449
Ion	Ratio	Lower	Upper
85	100		
87	31.9	16.6	49.7





#3

Chloromethane

Concen: 55.480 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.01 min

Lab File: VX015989.D

Acq: 30 Apr 2020 11:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tot Ion: 50 Resp: 175676

Ion Ratio Lower Upper

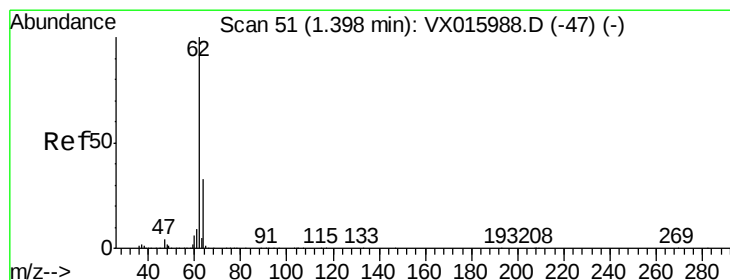
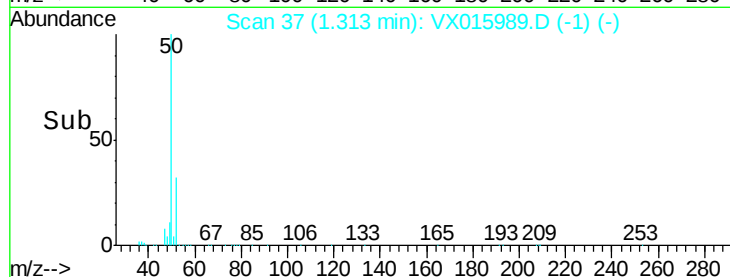
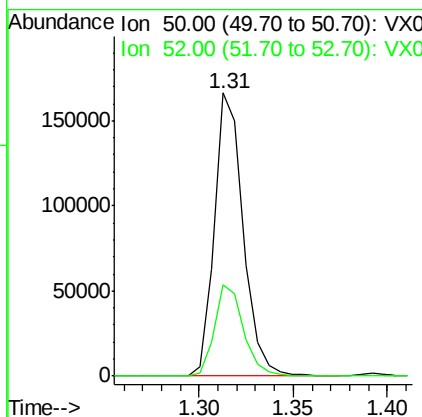
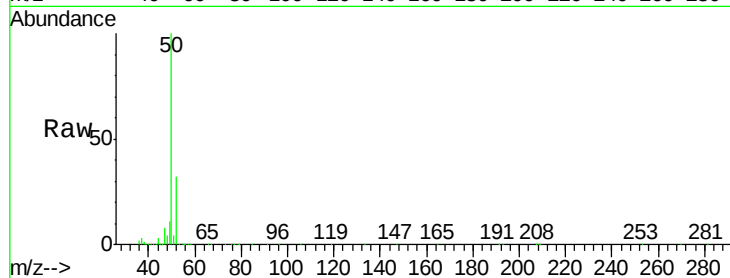
50 100

52 32.4 26.5 39.7

Manual Integrations
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#4

Vinyl Chloride

Concen: 60.151 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.01 min

Lab File: VX015989.D

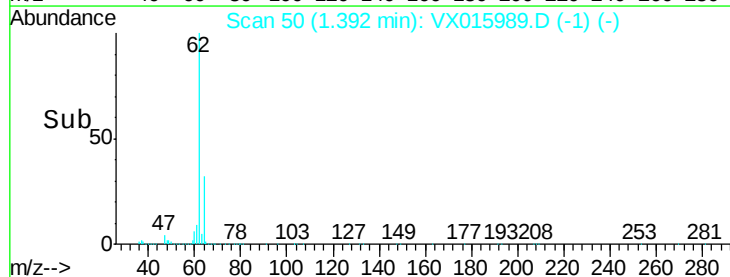
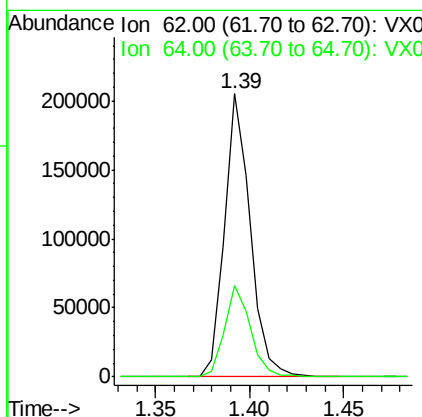
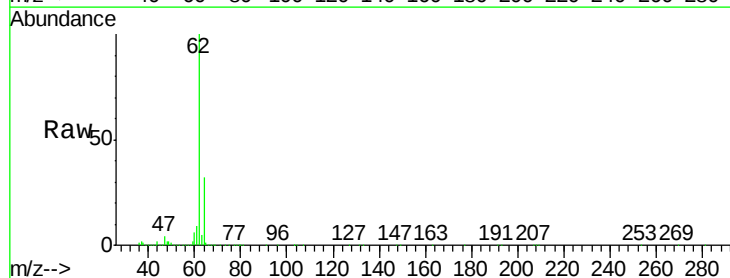
Acq: 30 Apr 2020 11:17

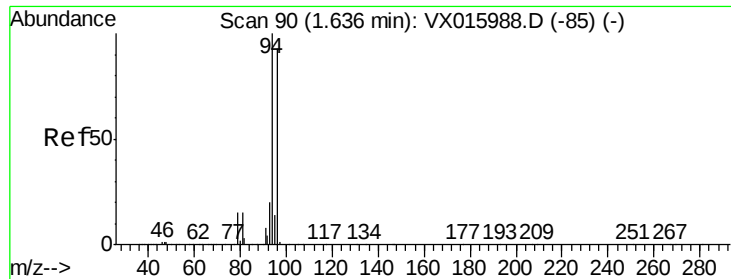
Tgt Ion: 62 Resp: 194255

Ion Ratio Lower Upper

62 100

64 32.5 26.3 39.5





#5

Bromomethane

Concen: 69.917 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.01 min

Lab File: VX015989.D

Acq: 30 Apr 2020 11:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tot Ion: 94 Resp: 127013

Ion Ratio Lower Upper

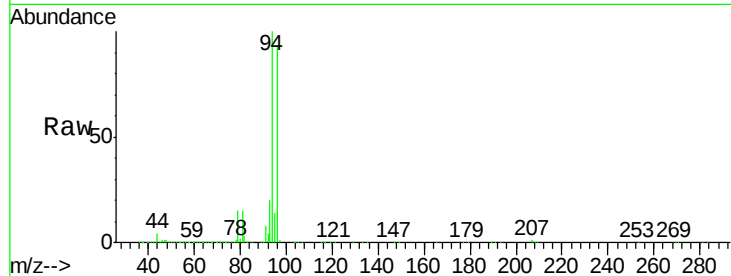
94 100

96 92.9 74.2 111.2

Manual Integrations
APPROVED

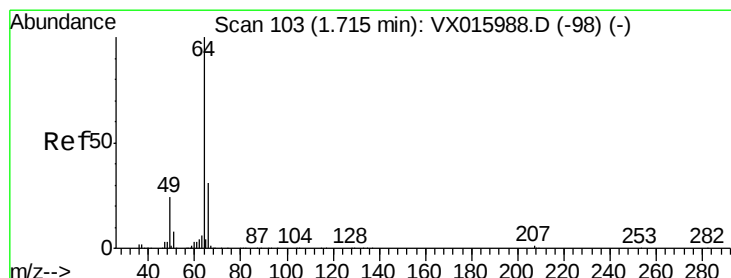
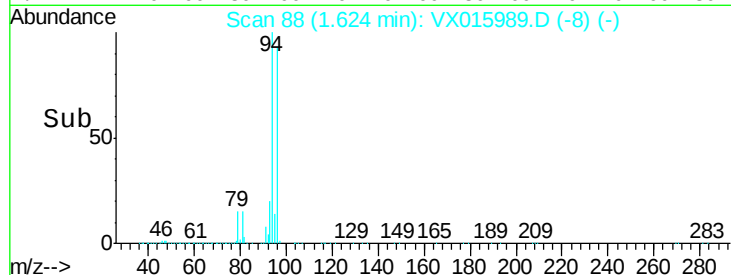
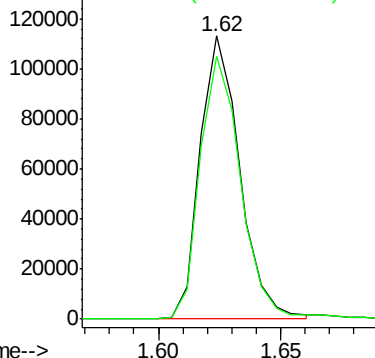
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Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 61.937 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.01 min

Lab File: VX015989.D

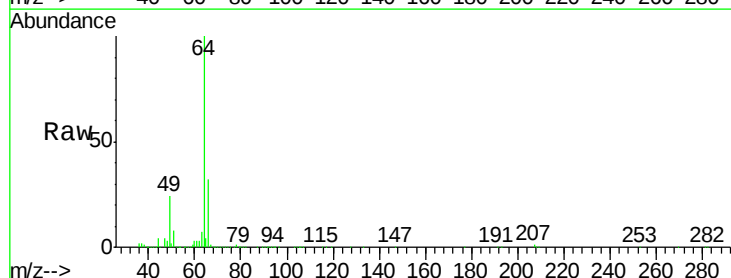
Acq: 30 Apr 2020 11:17

Tgt Ion: 64 Resp: 126871

Ion Ratio Lower Upper

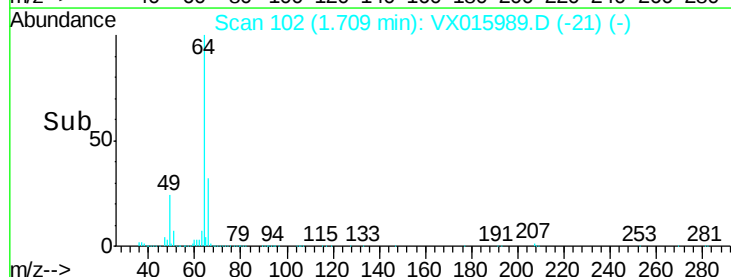
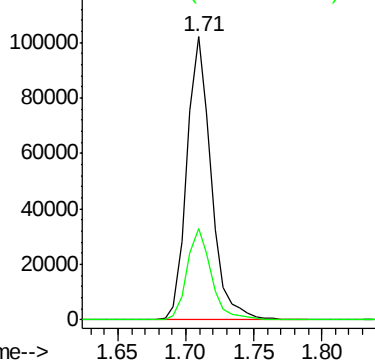
64 100

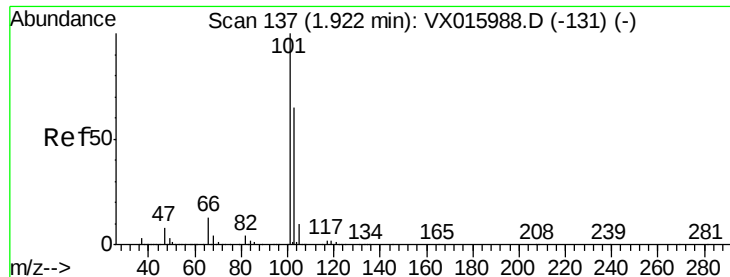
66 32.4 24.9 37.3



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0





#7

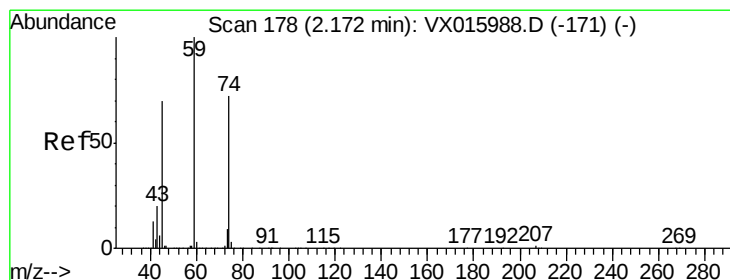
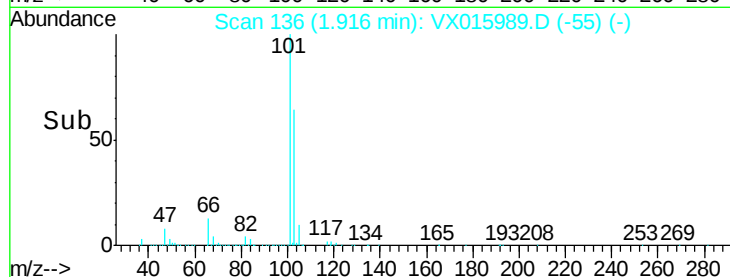
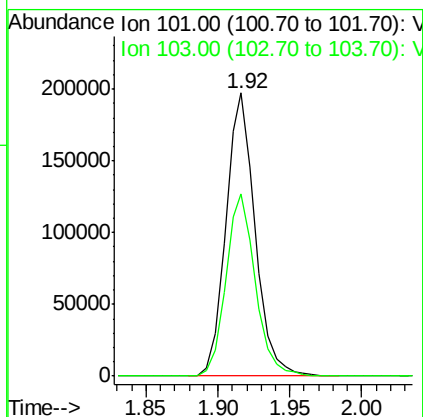
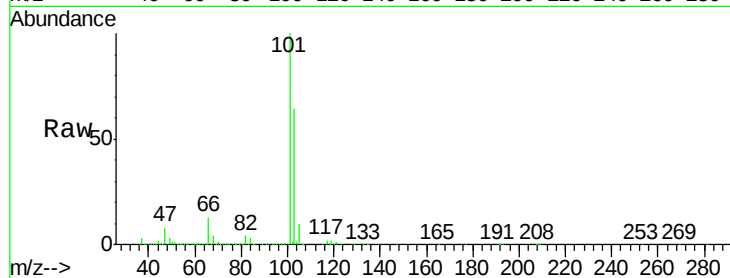
Trichlorofluoromethane
Concen: 61.002 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.01 min
Lab File: VX015989.D
Acq: 30 Apr 2020 11:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.4	51.8	77.8

Manual Integrations
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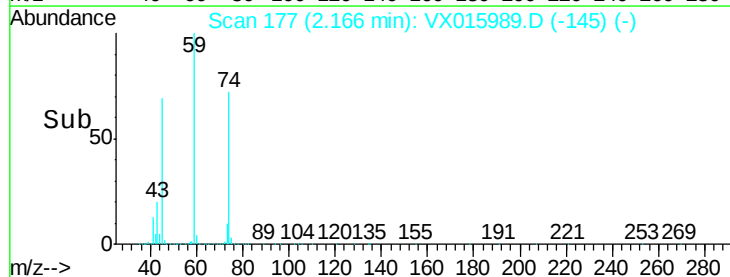
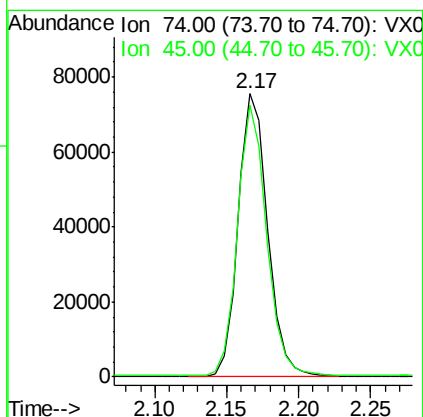
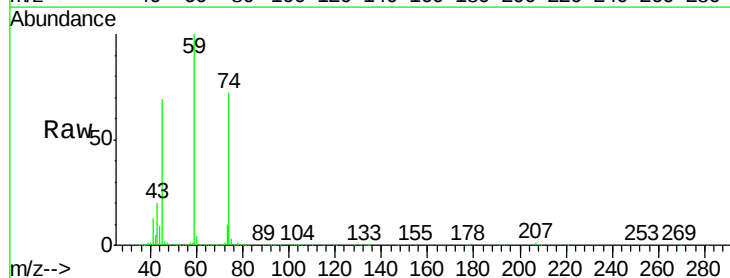
MMDadoda
5/4/2020 3:10:12 PM

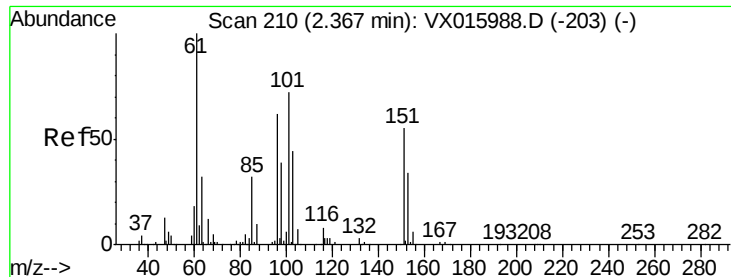


#8

Diethyl Ether
Concen: 60.484 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.01 min
Lab File: VX015989.D
Acq: 30 Apr 2020 11:17

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.6	19.4	174.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.455 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX015989.D

Acq: 30 Apr 2020 11:17

Instrument :

MSVOA_X

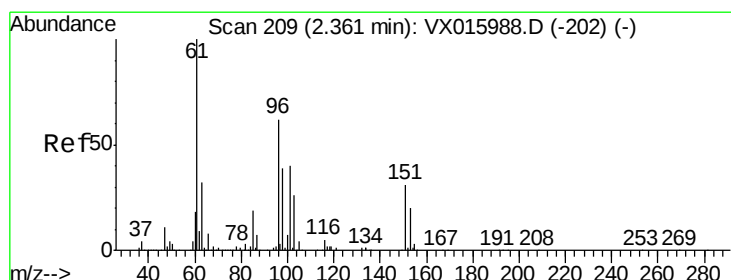
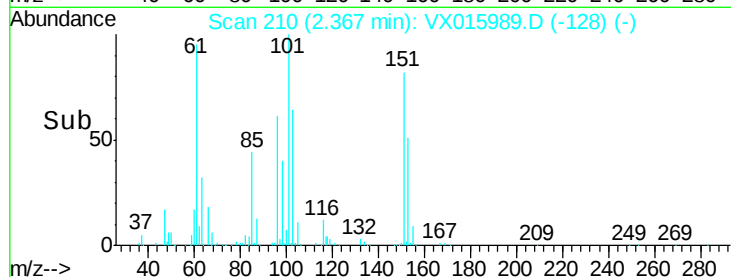
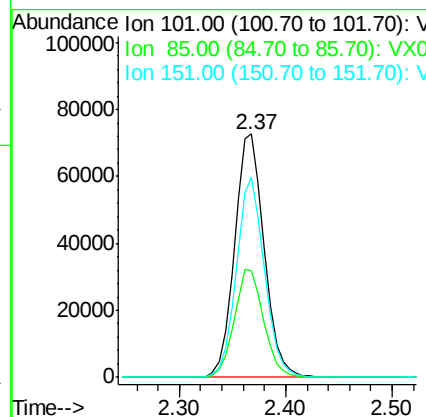
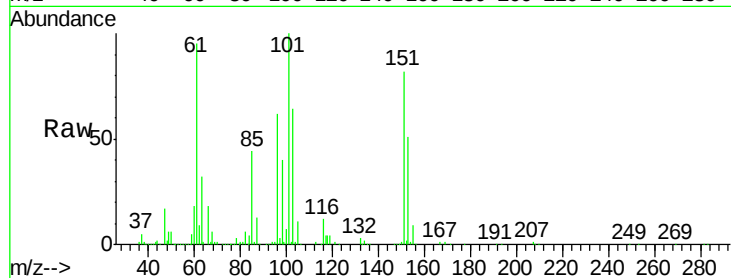
ClientSampled :

VSTDIC050

Tot Ion:	101	Resp:	141394
Ion Ratio	Lower	Upper	
101	100		
85	44.3	0.0	90.6
151	78.6	0.0	157.0

Manual Integrations
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#10

1,1-Dichloroethene

Concen: 51.361 ug/l

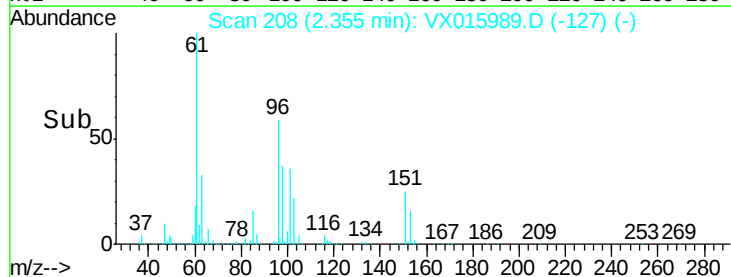
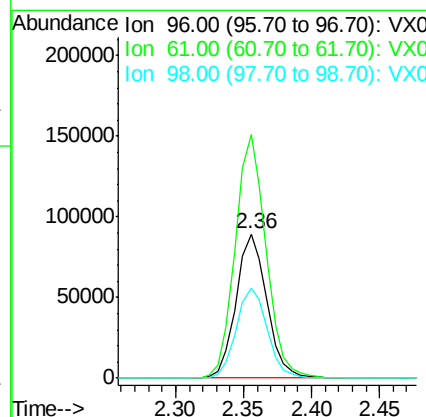
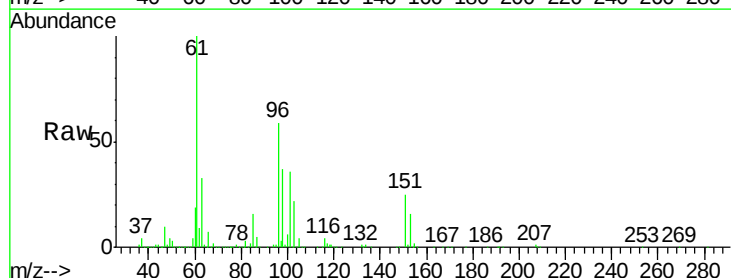
RT: 2.36 min Scan# 208

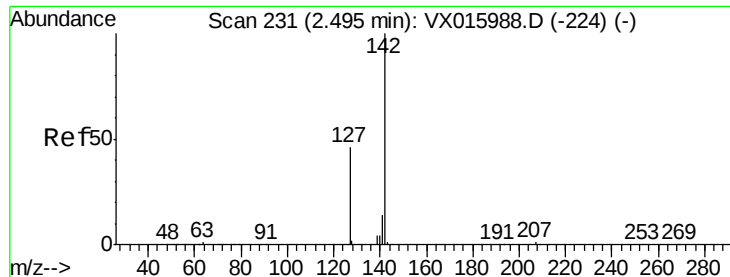
Delta R.T. -0.01 min

Lab File: VX015989.D

Acq: 30 Apr 2020 11:17

Tgt Ion:	96	Resp:	140247
Ion Ratio	Lower	Upper	
96	100		
61	169.6	129.8	194.8
98	63.1	51.1	76.7





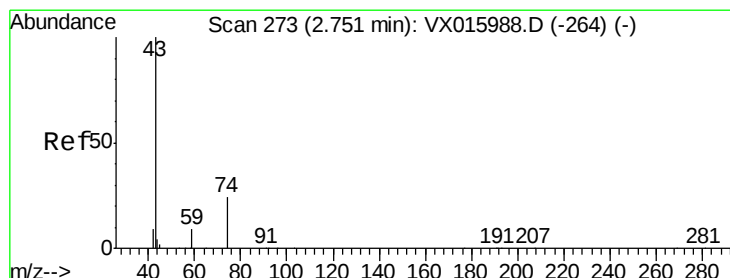
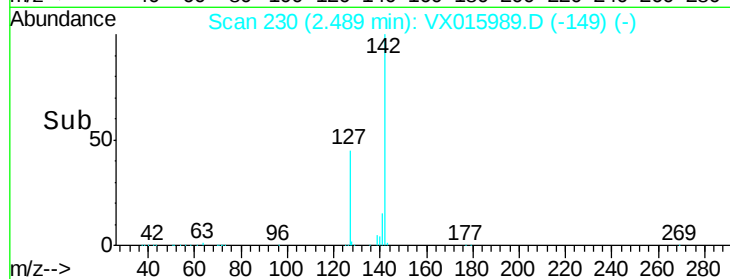
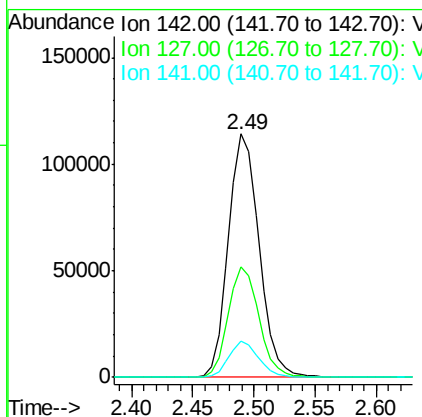
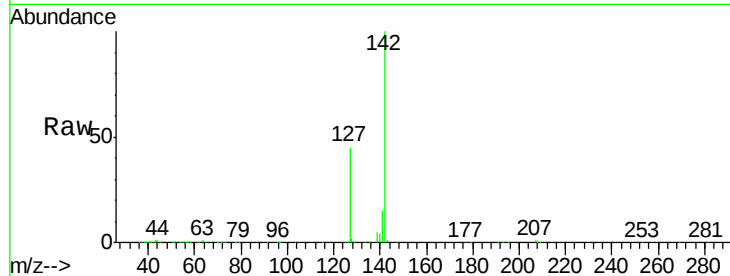
#11
Methvl Iodide
Concen: 54.956 ug/l
RT: 2.49 min Scan# 230
Delta R.T. -0.01 min
Lab File: VX015989.D
Acq: 30 Apr 2020 11:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
142	100	199276		
127	45.2		22.8	68.4
141	14.8		7.0	21.1

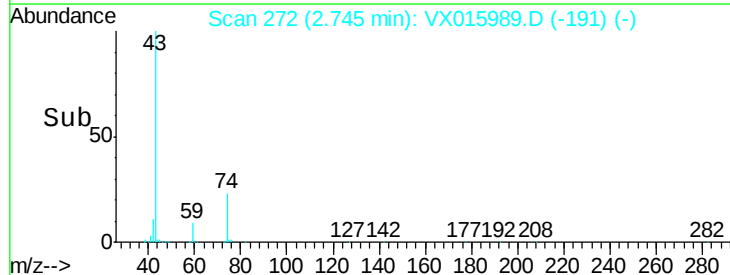
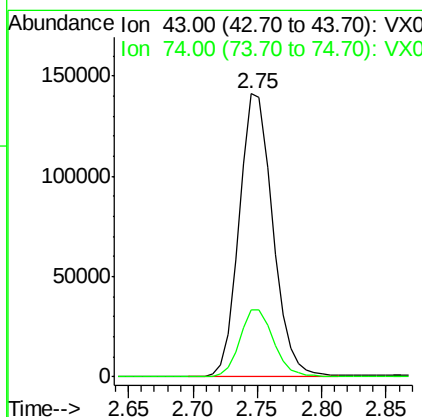
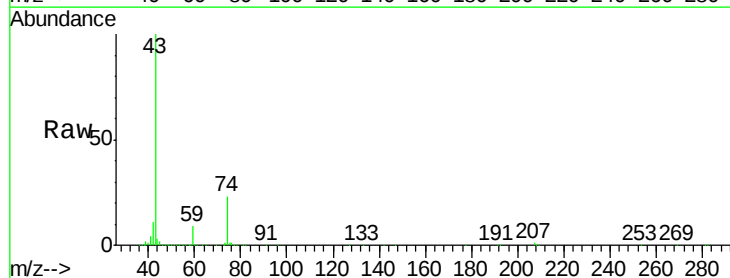
Manual Integrations
APPROVED

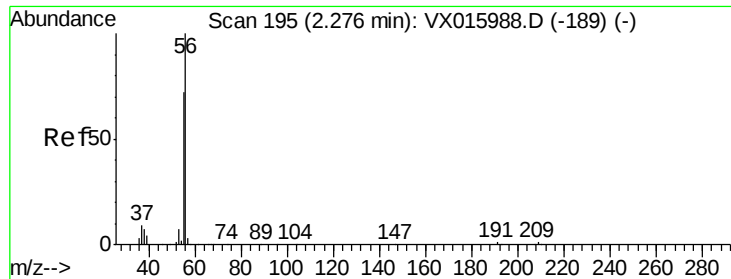
MMDadoda
5/4/2020 3:10:12 PM



#12
Methyl Acetate
Concen: 58.548 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX015989.D
Acq: 30 Apr 2020 11:17

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	255002		
74	23.4		19.0	28.4





#13

Acrolein

Concen: 227.150 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX015989.D

Acq: 30 Apr 2020 11:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tot Ion: 56 Resp: 103866

Ion Ratio Lower Upper

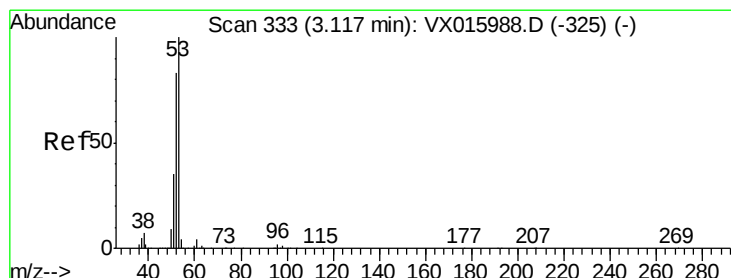
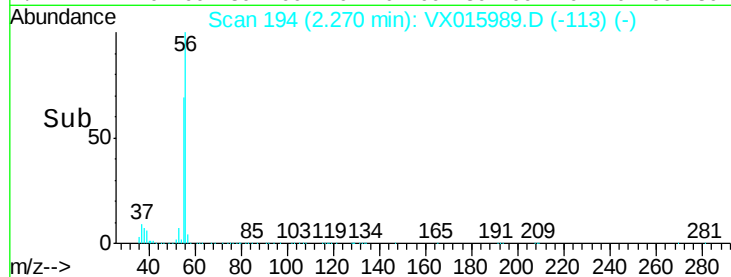
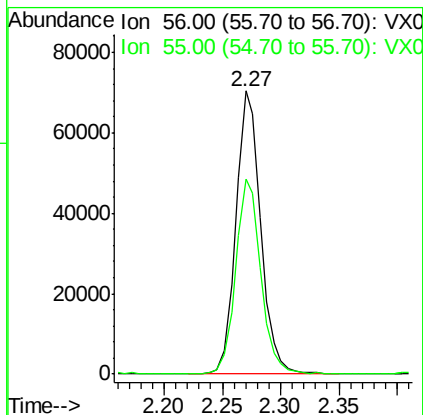
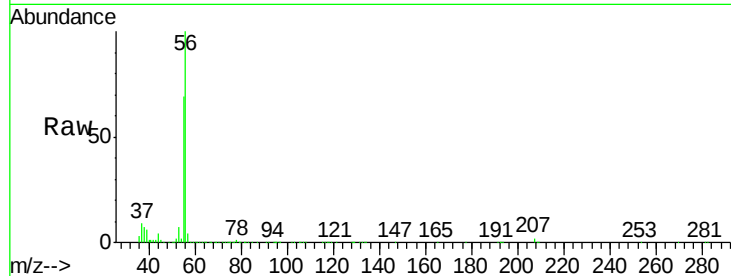
56 100

55 69.1 56.2 84.4

Manual Integrations
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MMDadoda

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#14

Acrylonitrile

Concen: 266.742 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX015989.D

Acq: 30 Apr 2020 11:17

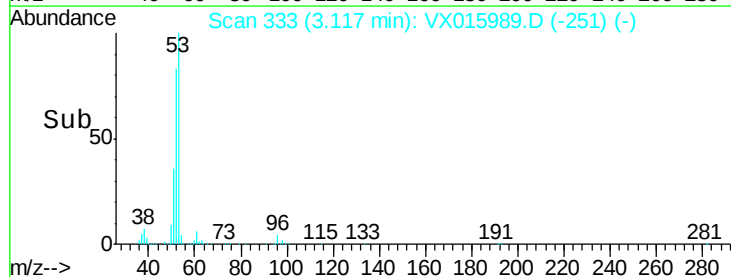
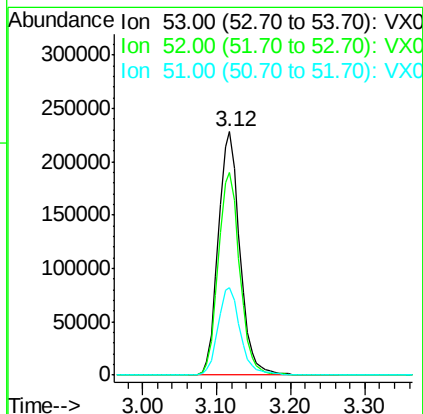
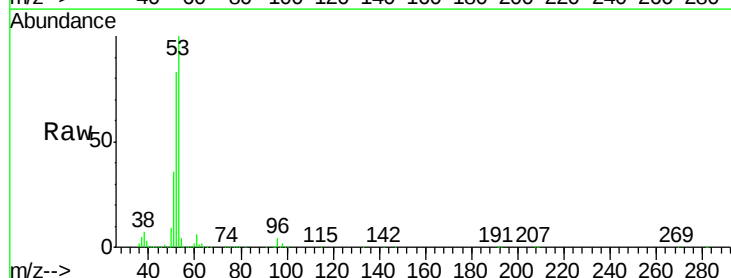
Tgt Ion: 53 Resp: 457945

Ion Ratio Lower Upper

53 100

52 82.6 41.2 123.6

51 36.8 17.8 53.5





#15

Acetone

Concen: 274.956 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX015989.D

Acq: 30 Apr 2020 11:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tot Ion: 58 Resp: 121395

Ion Ratio Lower Upper

58 100

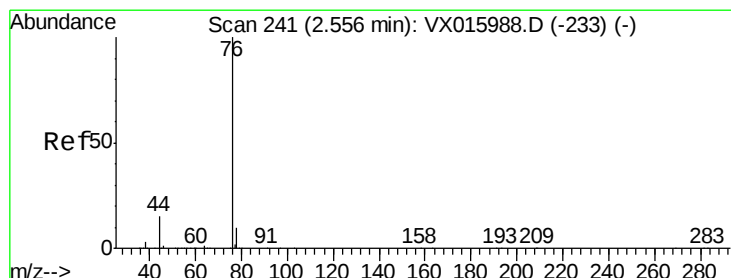
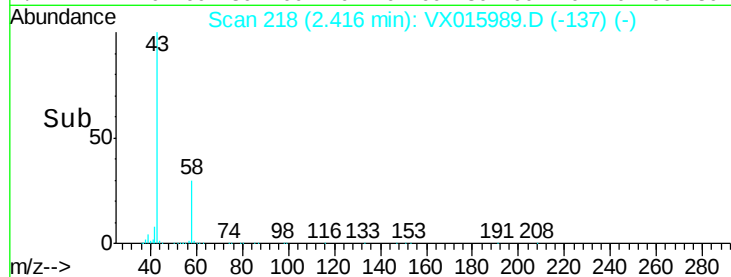
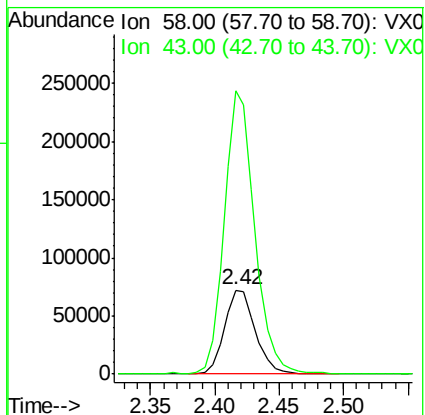
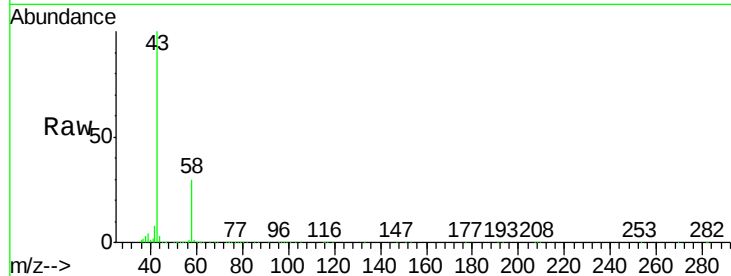
43 336.6 264.2 396.2

Manual Integrations

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#16

Carbon Disulfide

Concen: 53.241 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.01 min

Lab File: VX015989.D

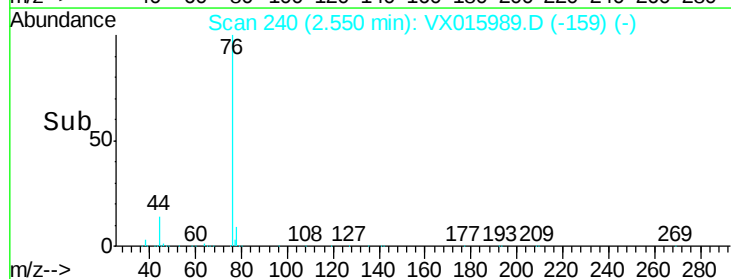
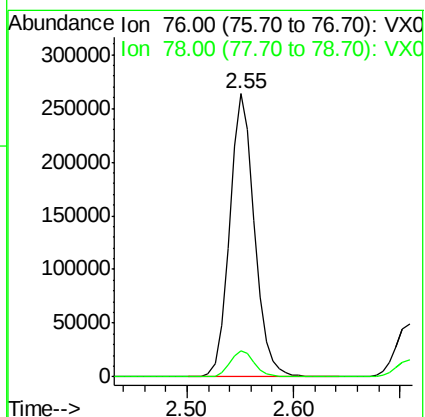
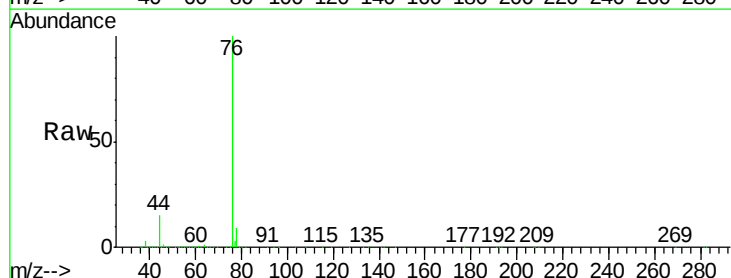
Acq: 30 Apr 2020 11:17

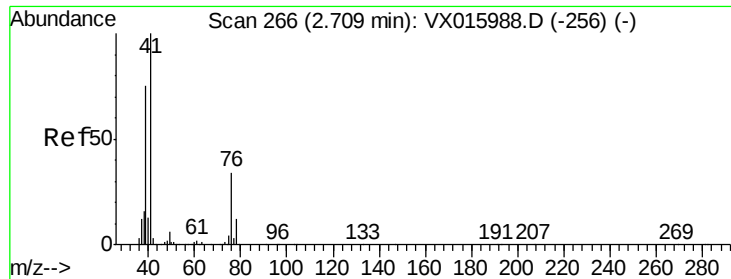
Tgt Ion: 76 Resp: 431174

Ion Ratio Lower Upper

76 100

78 9.2 7.7 11.5





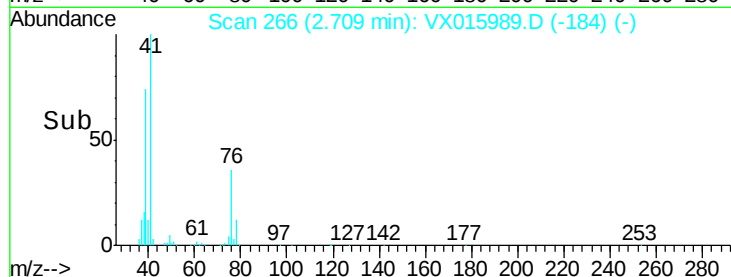
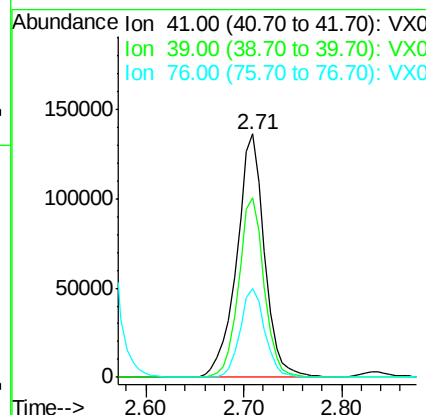
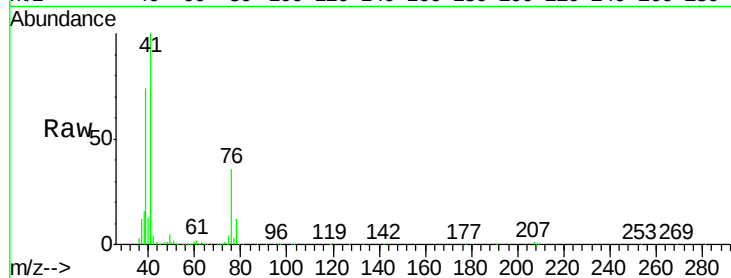
#17
Allvl chloride
Concen: 46.584 ug/l
RT: 2.71 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX015989.D
Acq: 30 Apr 2020 11:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	73.7	37.6	112.8
76	36.4	17.2	51.5

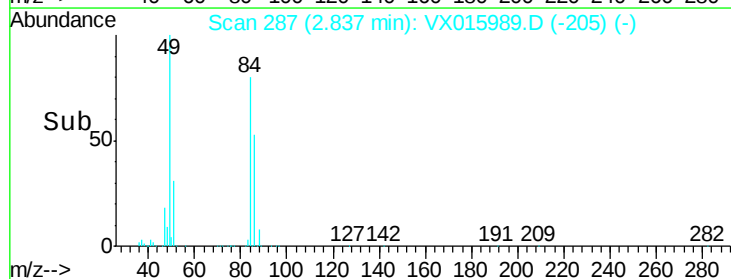
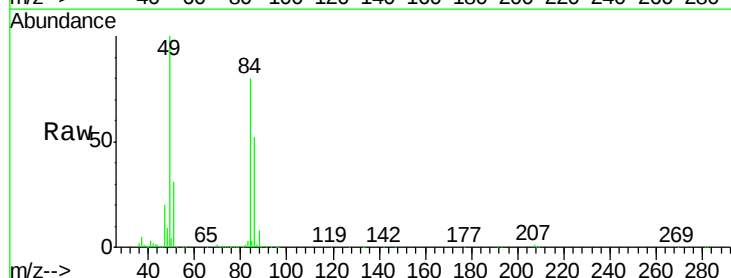
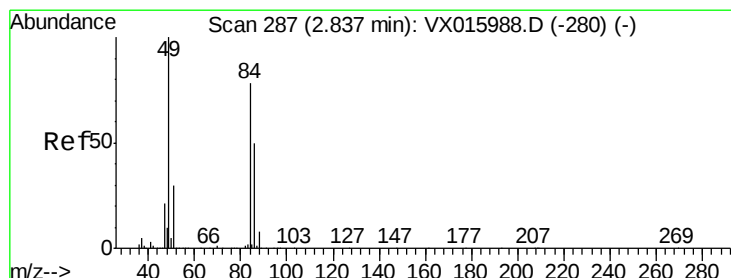
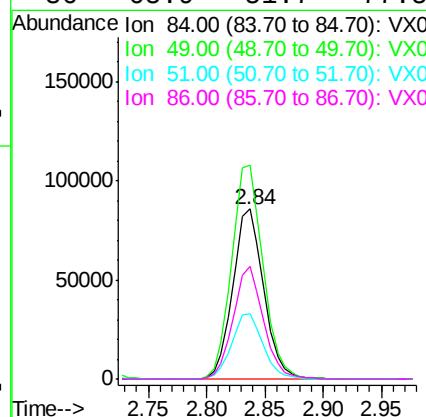
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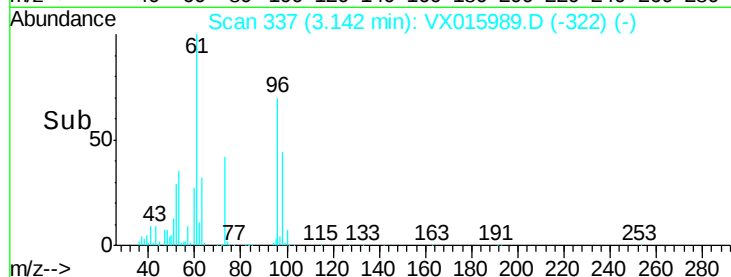
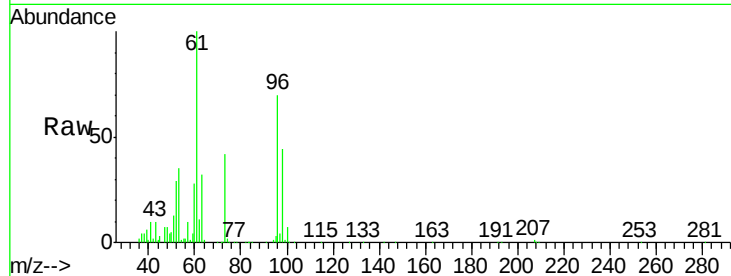
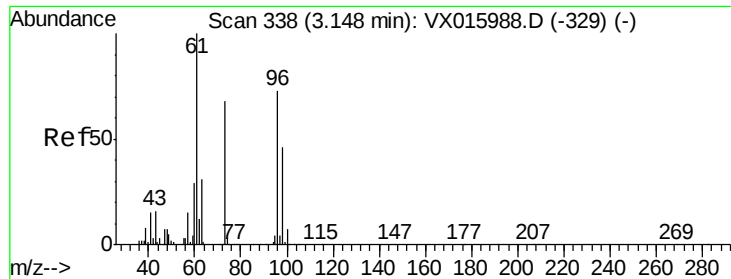
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5/4/2020 3:10:12 PM



#18
Methylene Chloride
Concen: 52.090 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX015989.D
Acq: 30 Apr 2020 11:17

Tgt Ion	Ratio	Lower	Upper
84	100		
49	125.4	103.0	154.4
51	38.5	31.4	47.0
86	65.9	51.7	77.5





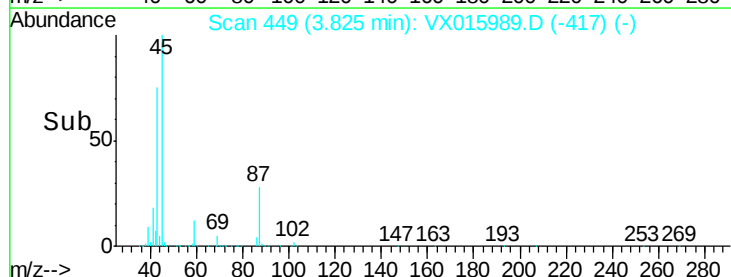
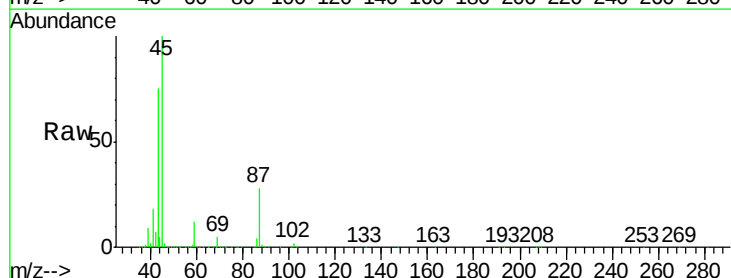
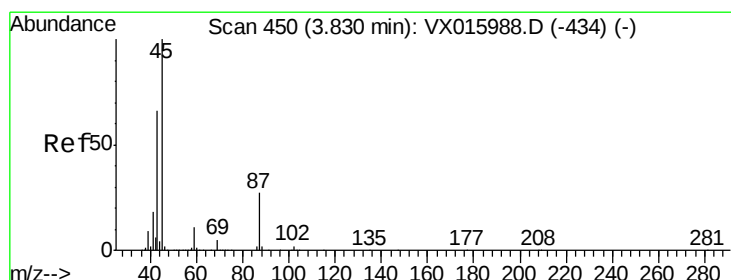
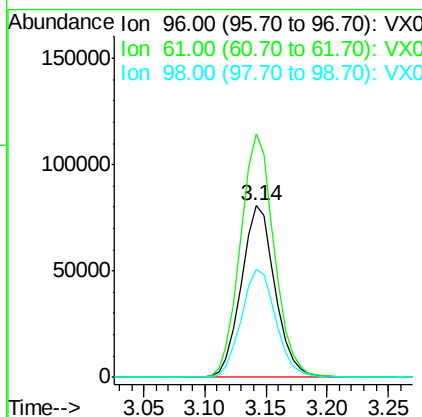
#19
trans-1,2-Dichloroethene
Concen: 52.246 ug/l
RT: 3.14 min Scan# 337
Delta R.T. -0.01 min
Lab File: VX015989.D
Acq: 30 Apr 2020 11:17

Tot Ion	Ratio	Lower	Upper
96	100		
61	142.2	109.0	163.4
98	62.7	50.0	75.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

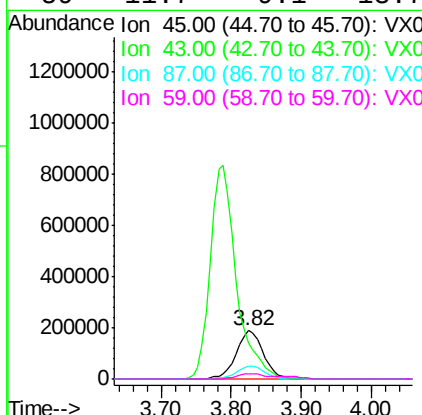
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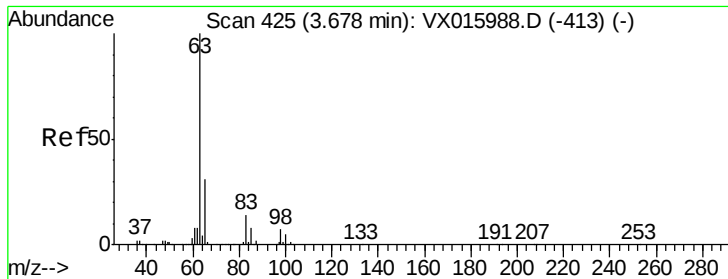
MMDadoda
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#20
Diisopropyl ether
Concen: 48.423 ug/l
RT: 3.82 min Scan# 449
Delta R.T. -0.01 min
Lab File: VX015989.D
Acq: 30 Apr 2020 11:17

Tgt Ion	Ratio	Lower	Upper
45	100		
43	75.1	53.0	79.4
87	27.9	21.9	32.9
59	11.7	9.1	13.7





#21

1,1-Dichloroethane

Concen: 51.169 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.01 min

Lab File: VX015989.D

Acq: 30 Apr 2020 11:17

Instrument :

MSVOA_X

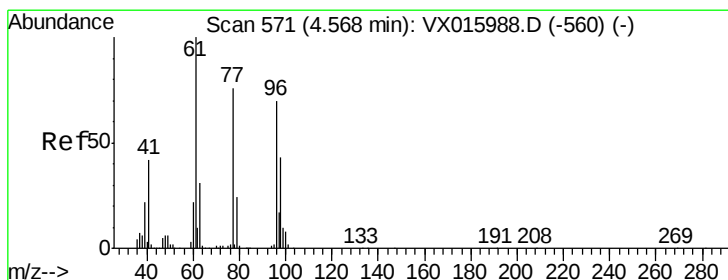
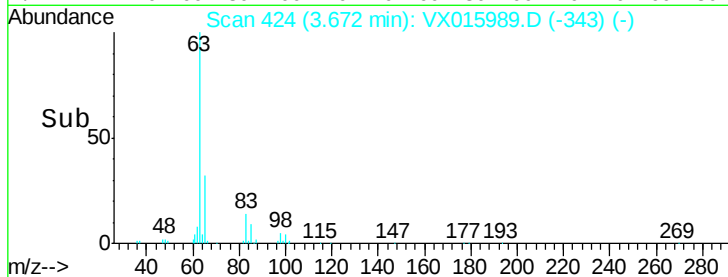
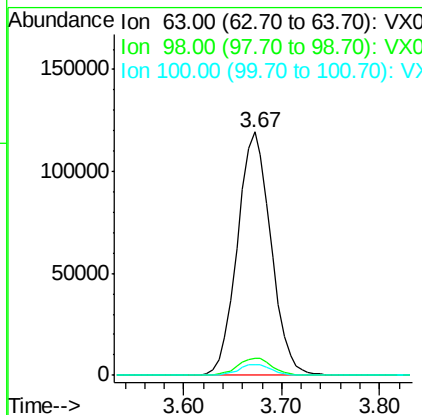
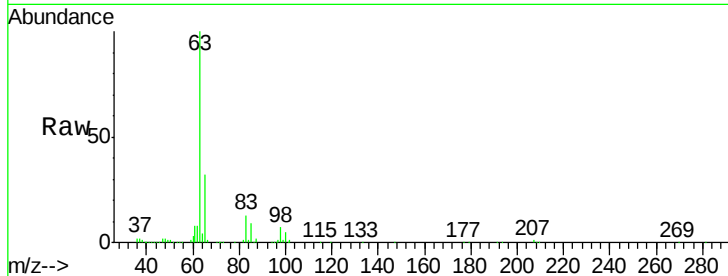
ClientSampleId :

VSTDIC050

Tot Ion:	63	Resp:	284015
Ion Ratio	Lower	Upper	
63	100		
98	7.0	3.5	10.4
100	4.5	2.3	6.9

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#22

cis-1,2-Dichloroethene

Concen: 52.064 ug/l

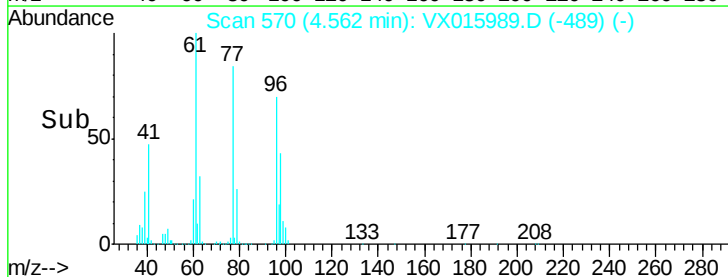
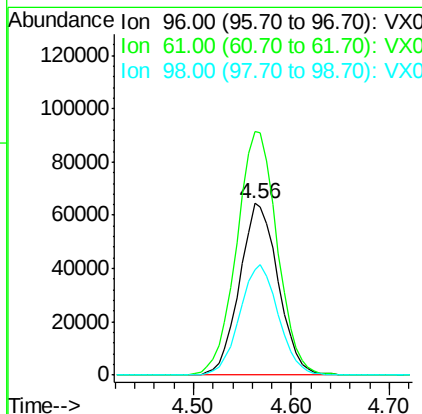
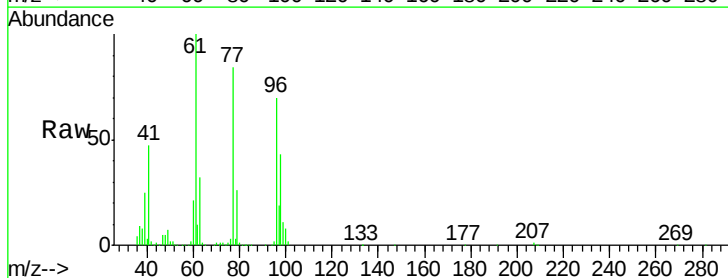
RT: 4.56 min Scan# 570

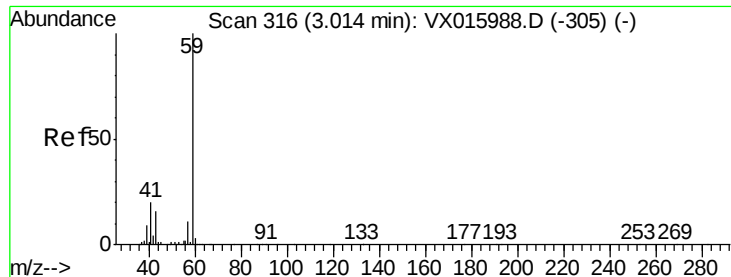
Delta R.T. -0.01 min

Lab File: VX015989.D

Acq: 30 Apr 2020 11:17

Tgt Ion:	96	Resp:	176140
Ion Ratio	Lower	Upper	
96	100		
61	149.3	121.6	182.4
98	64.6	51.9	77.9





#23

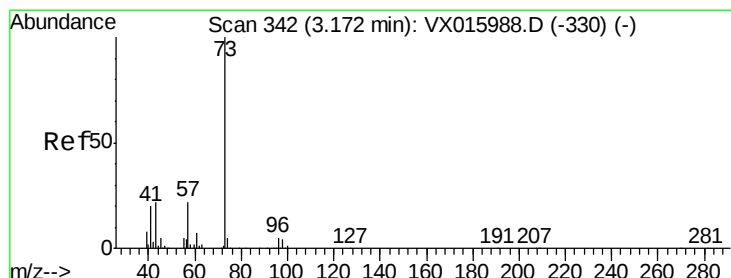
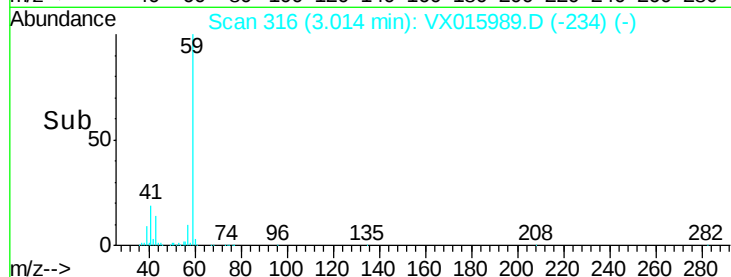
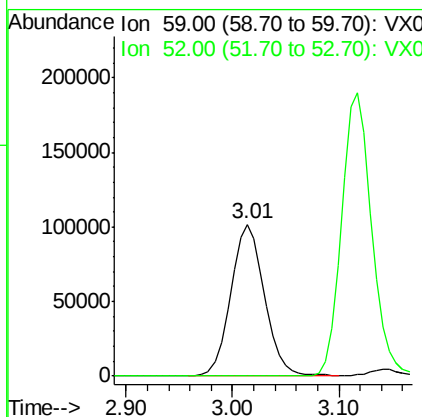
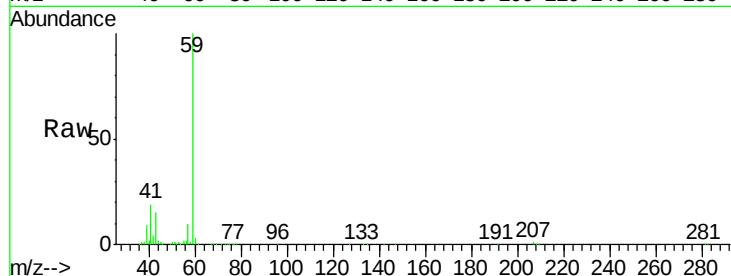
tert-Butyl Alcohol
Concen: 267.055 ug/l
RT: 3.01 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX015989.D
Acq: 30 Apr 2020 11:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ion	Ratio	Lower	Upper
59	59	100		
52	52	0.3	0.1	0.1#

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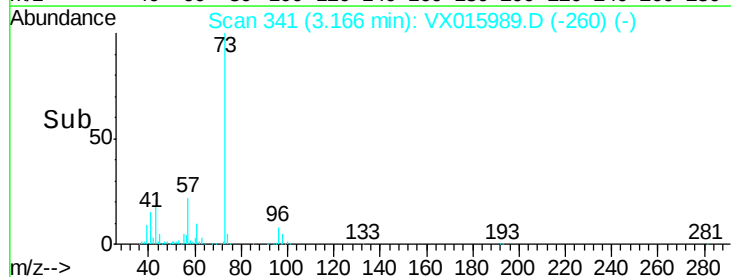
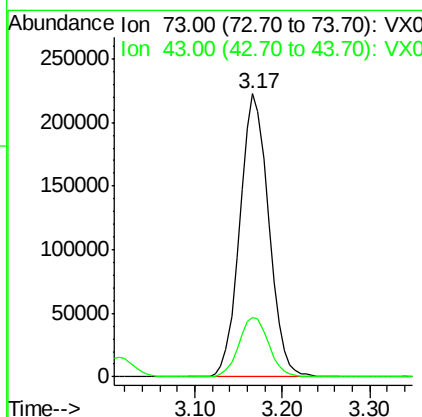
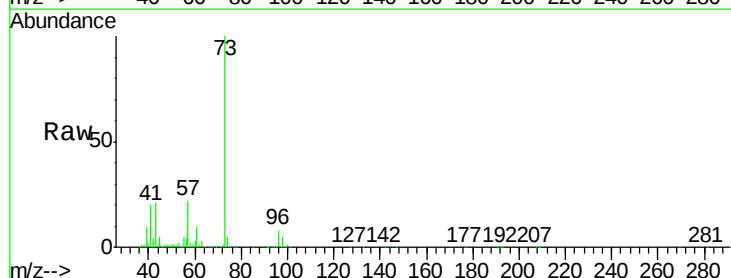
MMDadoda
5/4/2020 3:10:12 PM

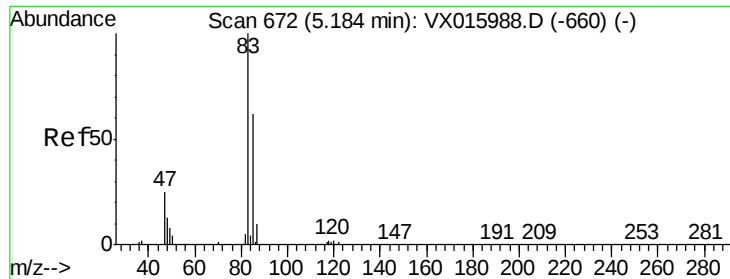


#24

Methyl tert-Butyl Ether
Concen: 51.339 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.01 min
Lab File: VX015989.D
Acq: 30 Apr 2020 11:17

Tgt Ion	Ion	Ratio	Lower	Upper
73	73	100		
43	43	21.5	17.8	26.6





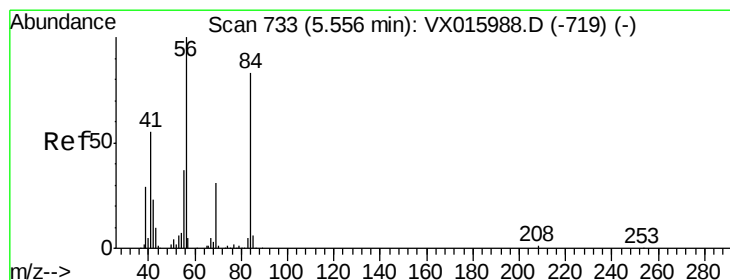
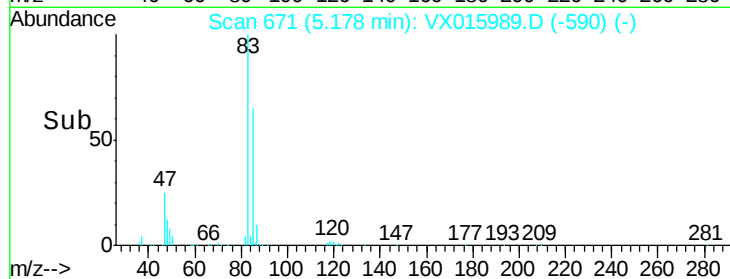
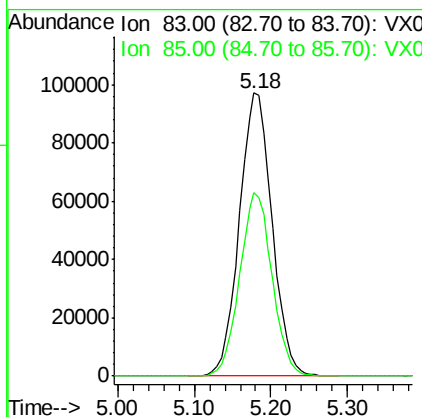
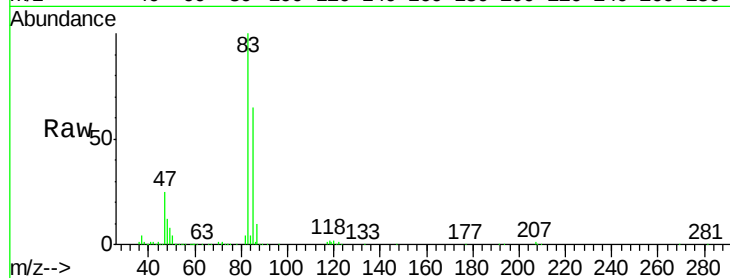
#25
Chloroform
Concen: 51.917 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.01 min
Lab File: VX015989.D
Acq: 30 Apr 2020 11:17

Instrument :
MSVOA_X
ClientSampled :
VSTDIC050

Tot Ion	83	Resp	288256
Ion Ratio	100	Lower	Upper
83	100		
85	64.9	49.6	74.4

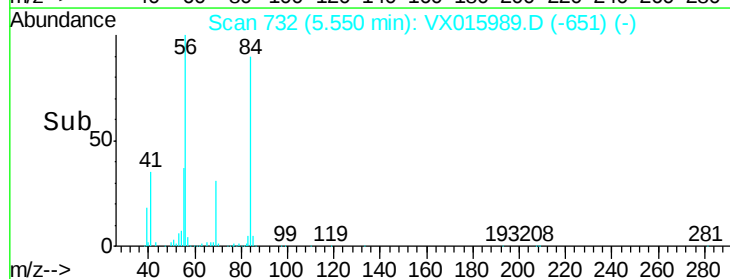
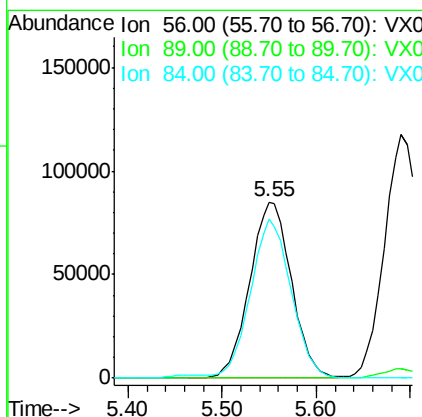
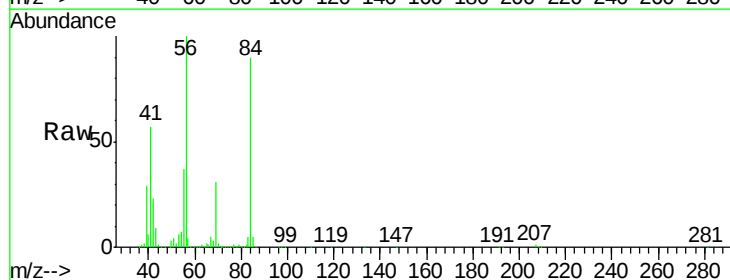
Manual Integrations
APPROVED

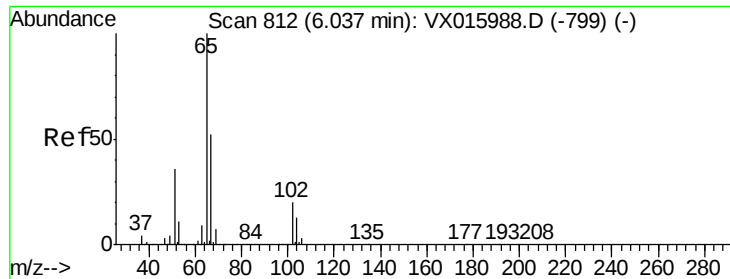
MMDadoda
5/4/2020 3:10:12 PM



#26
Cyclohexane
Concen: 50.058 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.01 min
Lab File: VX015989.D
Acq: 30 Apr 2020 11:17

Tgt Ion	56	Resp	262902
Ion Ratio	100	Lower	Upper
56	100		
89	0.0	0.1	0.1#
84	88.1	70.1	105.1





#27

1,2-Dichloroethane-d4

Concen: 29.596 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.01 min

Lab File: VX015989.D

Acq: 30 Apr 2020 11:17

Tot Ion: 65 Resp: 113325

Ion Ratio Lower Upper

65 100

67 52.3 41.0 61.4

Instrument :

MSVOA_X

ClientSampleId :

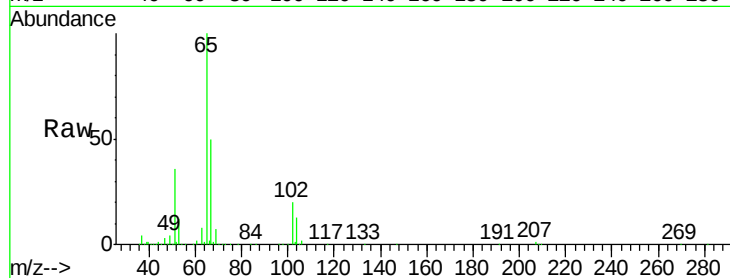
VSTDIC050

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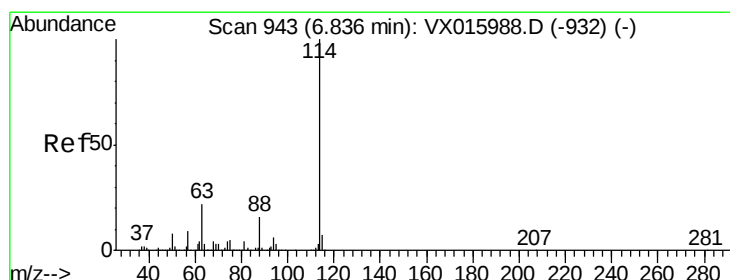
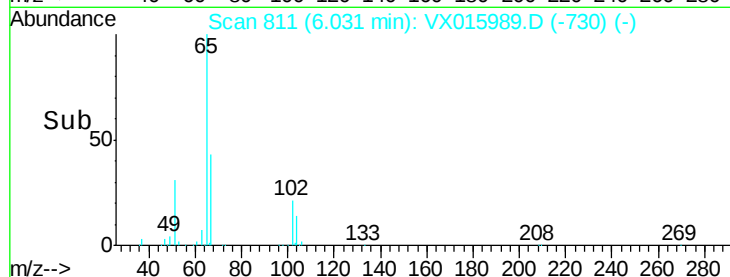
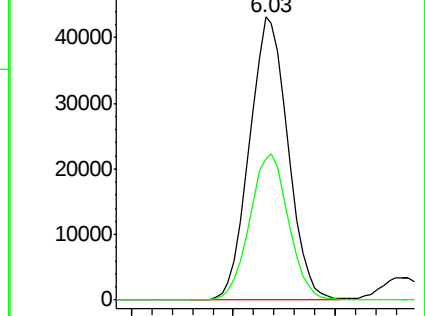
MMDadoda

5/4/2020 3:10:12 PM



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.00 min

Lab File: VX015989.D

Acq: 30 Apr 2020 11:17

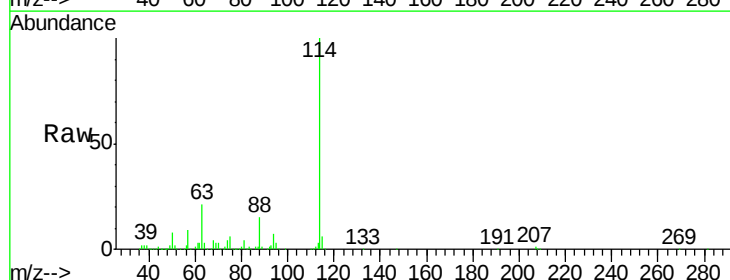
Tgt Ion: 114 Resp: 274876

Ion Ratio Lower Upper

114 100

63 21.6 17.1 25.7

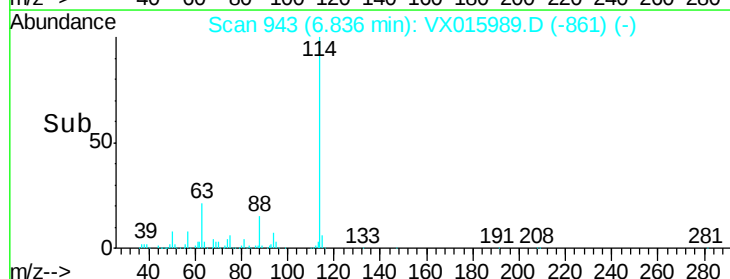
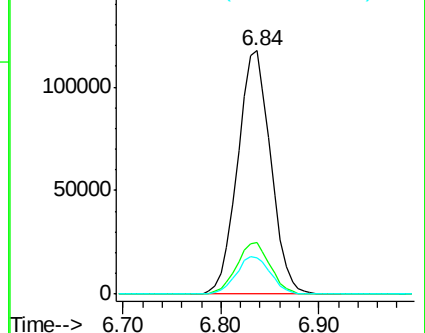
88 15.8 13.0 19.4

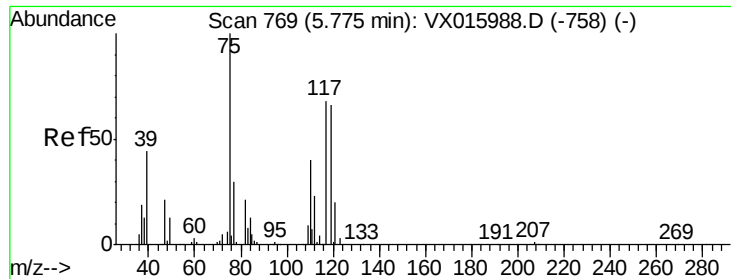


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0





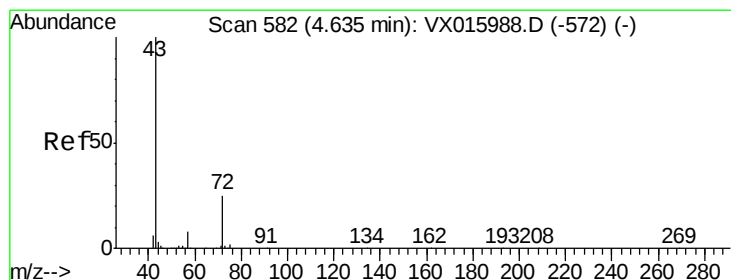
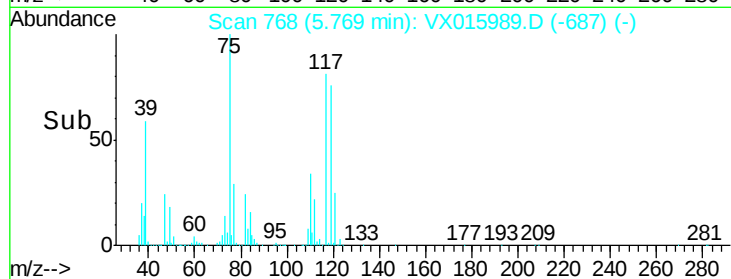
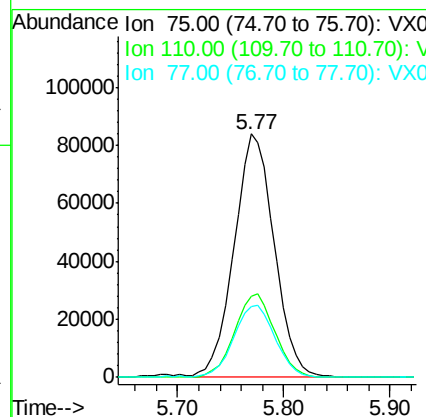
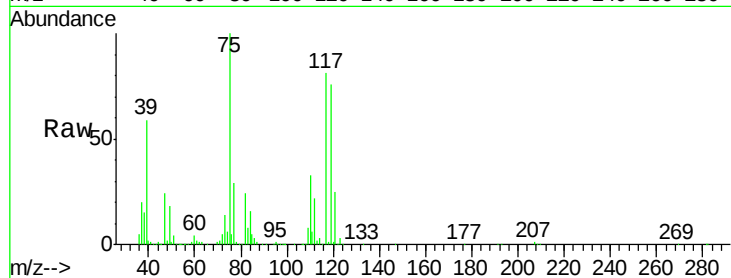
#29
 1,1-Dichloropropene
 Concen: 52.558 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.01 min
 Lab File: VX015989.D
 Acq: 30 Apr 2020 11:17

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
75	100			
110	34.8	0.0	71.0	
77	30.5	0.0	64.2	

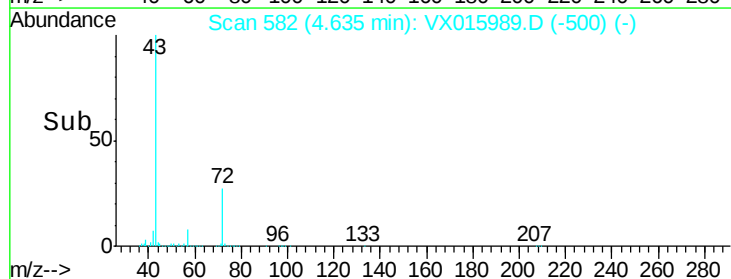
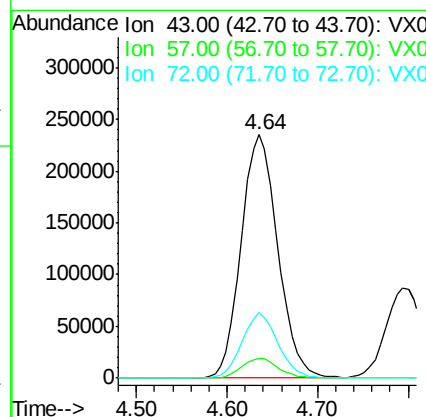
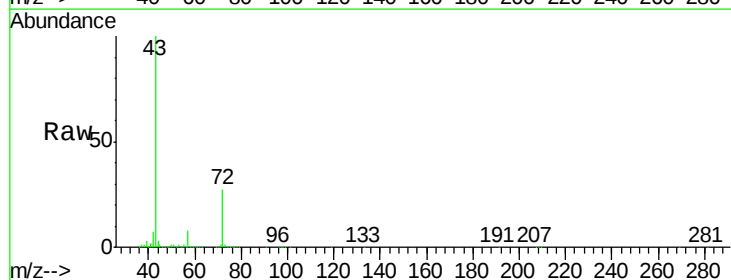
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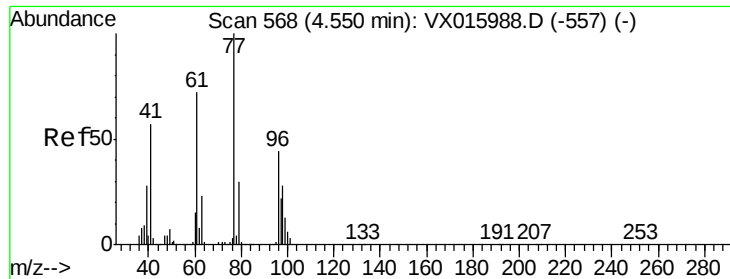
MMDadoda
 5/4/2020 3:10:12 PM



#30
 2-Butanone
 Concen: 262.569 ug/l
 RT: 4.64 min Scan# 582
 Delta R.T. 0.00 min
 Lab File: VX015989.D
 Acq: 30 Apr 2020 11:17

Tgt Ion	Ratio	Resp	Lower	Upper
43	100			
57	8.2	6.3	9.5	
72	26.2	20.8	31.2	





#31

2,2-Dichloropropane

Concen: 52.147 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.01 min

Lab File: VX015989.D

Acq: 30 Apr 2020 11:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tot Ion: 77 Resp: 262854

Ion Ratio Lower Upper

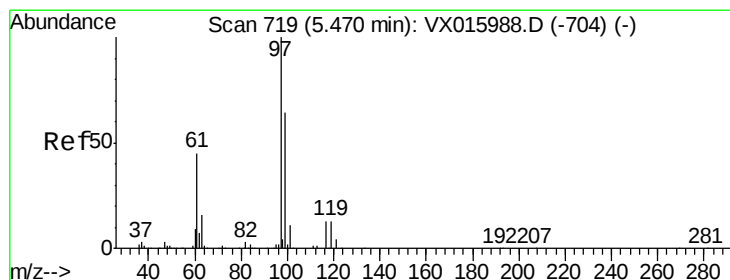
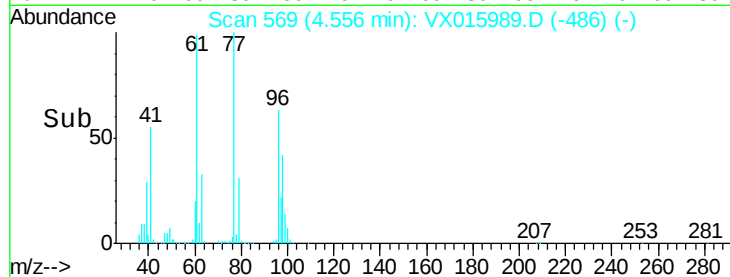
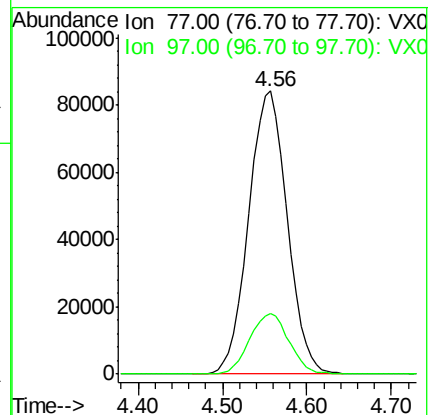
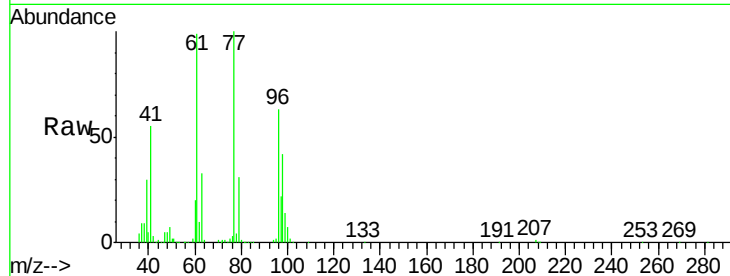
77 100

97 21.9 17.8 26.8

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 52.092 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX015989.D

Acq: 30 Apr 2020 11:17

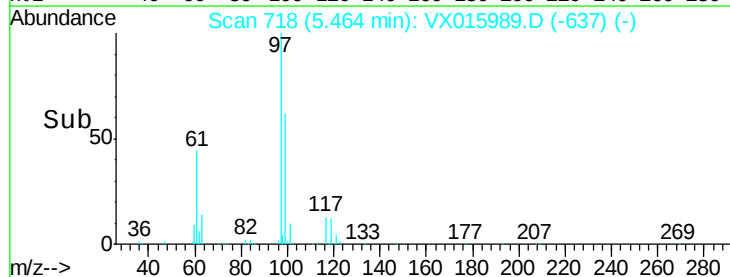
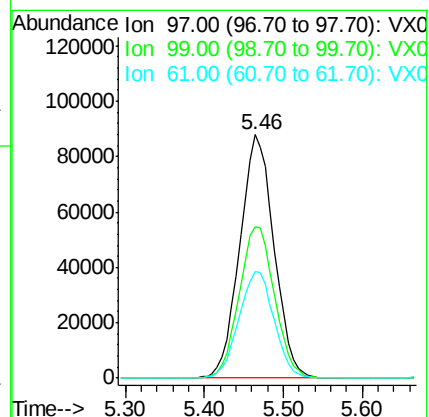
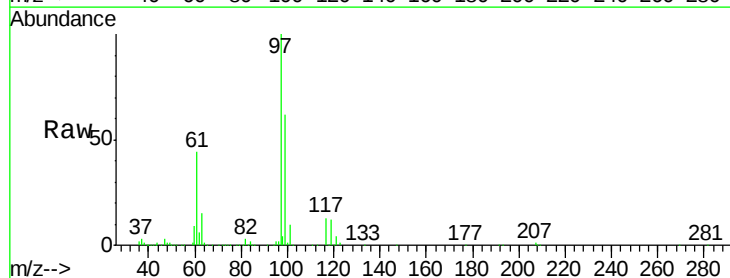
Tgt Ion: 97 Resp: 265296

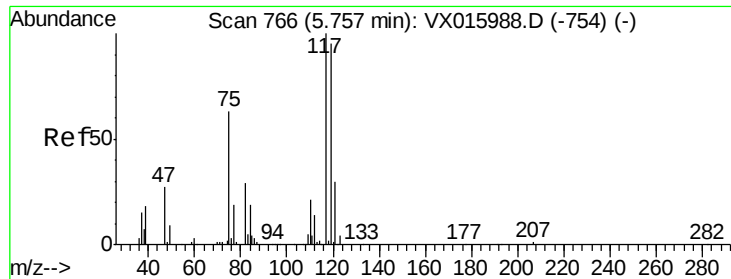
Ion Ratio Lower Upper

97 100

99 64.4 50.7 76.1

61 45.2 35.9 53.9





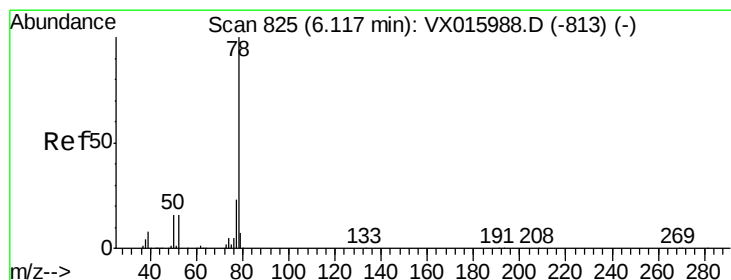
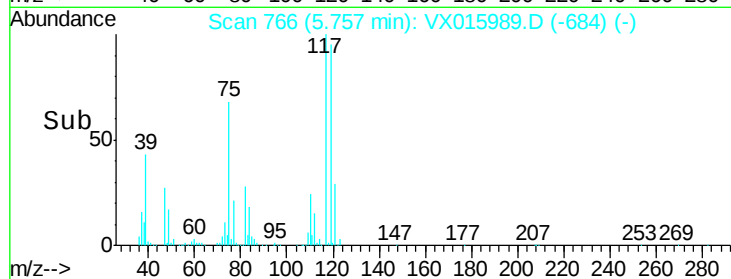
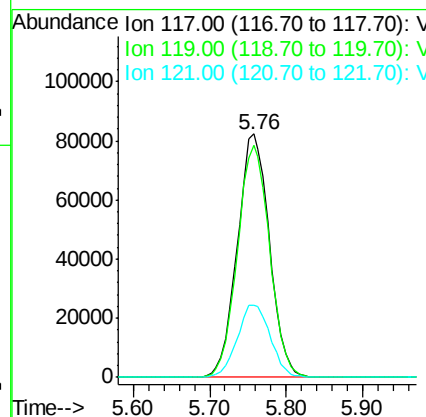
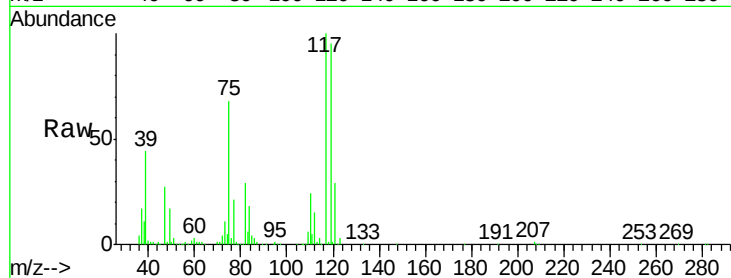
#33
Carbon Tetrachloride
Concen: 51.890 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.00 min
Lab File: VX015989.D
Acq: 30 Apr 2020 11:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
117	100		
119	95.3	76.3	114.5
121	29.4	24.2	36.4

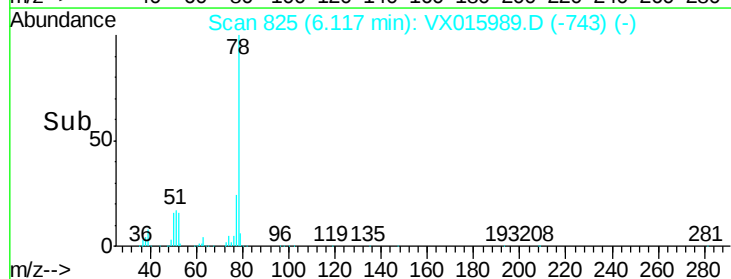
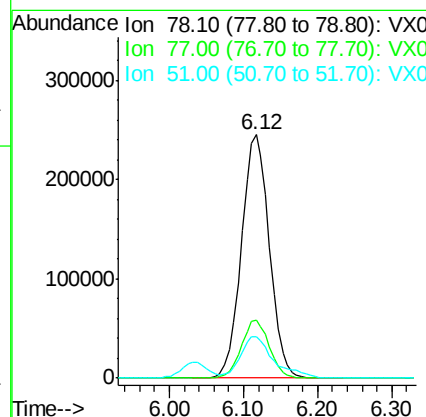
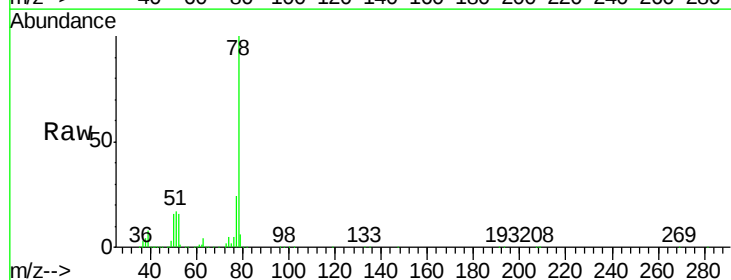
Manual Integrations
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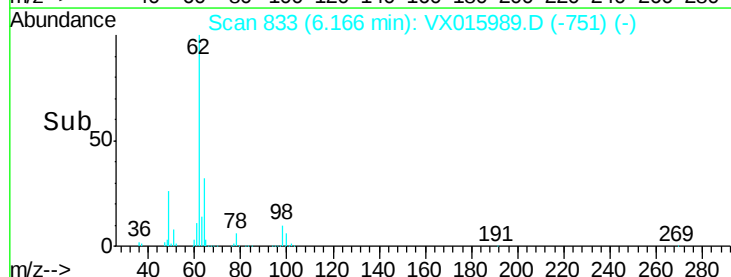
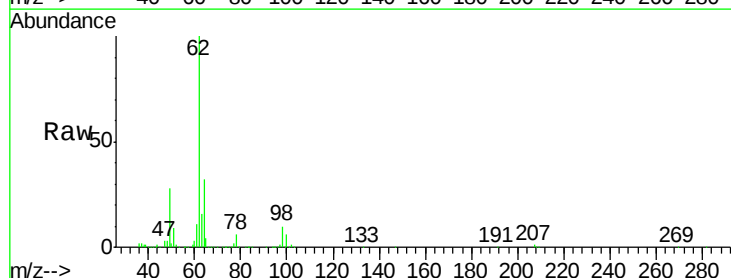
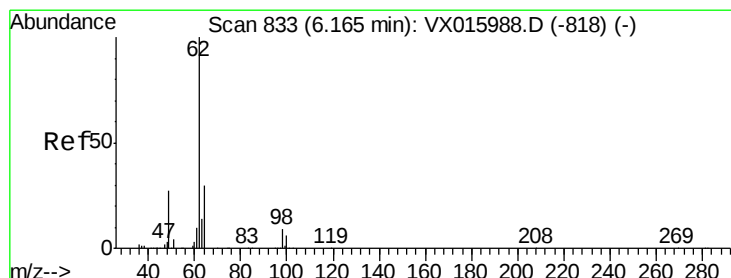
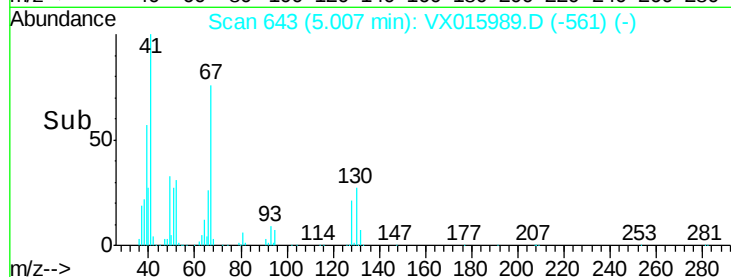
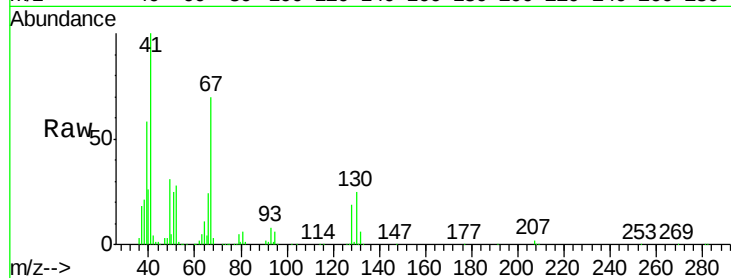
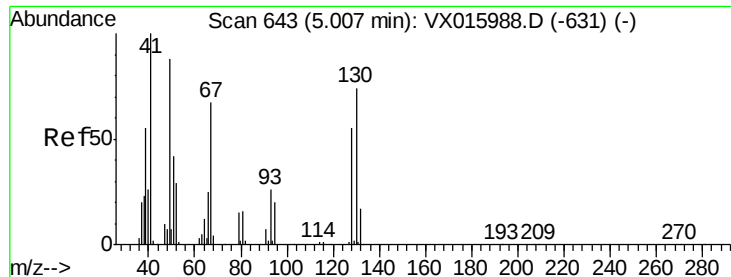
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#34
Benzene
Concen: 53.022 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.00 min
Lab File: VX015989.D
Acq: 30 Apr 2020 11:17

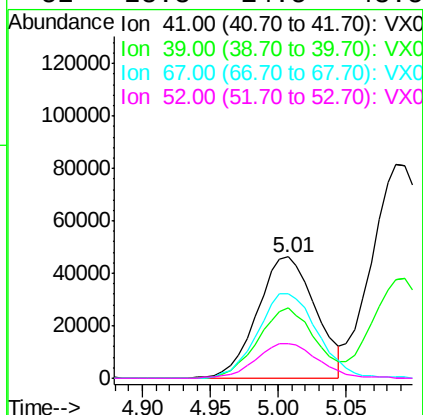
Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.7	28.1
51	17.2	12.7	19.1





#35
Methacrylonitrile
Concen: 49.735 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.00 min
Lab File: VX015989.D
Acq: 30 Apr 2020 11:17

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	57.5	27.5	82.4	
67	69.7	33.6	100.6	
52	28.3	14.5	43.5	



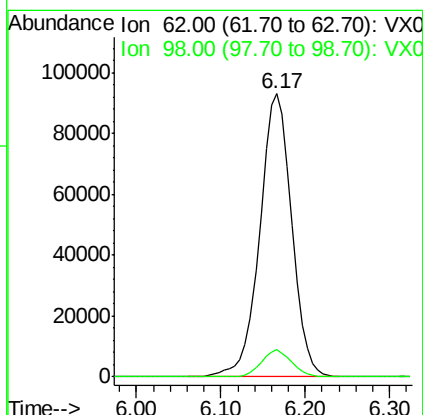
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

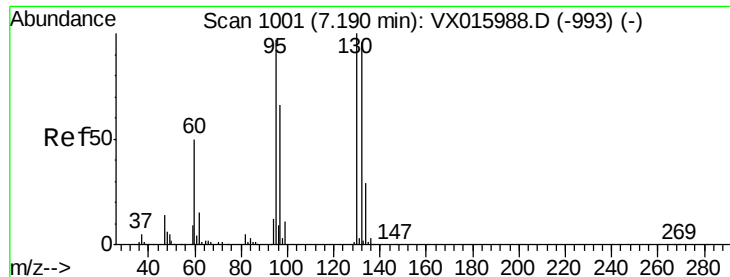
Manual Integrations
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5/4/2020 3:10:12 PM

#36
1,2-Dichloroethane
Concen: 52.478 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX015989.D
Acq: 30 Apr 2020 11:17

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.1	7.4	11.2	





#37

Trichloroethene

Concen: 59.340 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX015989.D

Acq: 30 Apr 2020 11:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tot Ion:130 Resp: 226928

Ion Ratio Lower Upper

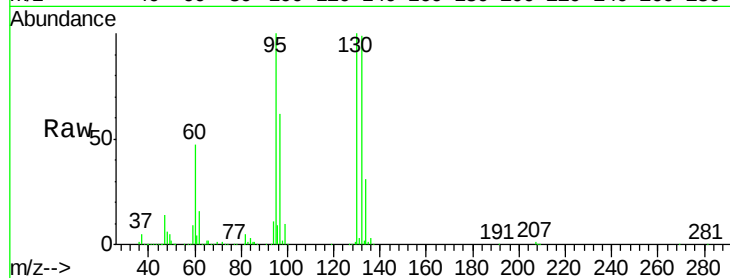
130 100

95 99.4 77.8 116.8

Manual Integrations
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MMDadoda

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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

100000

80000

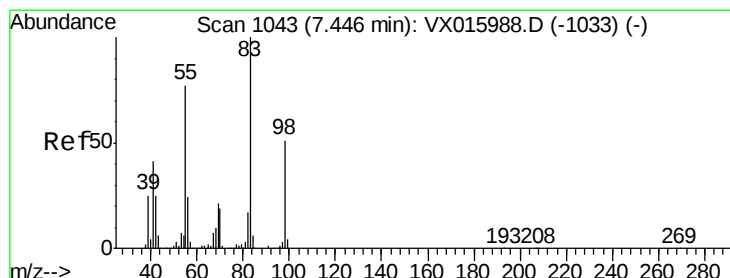
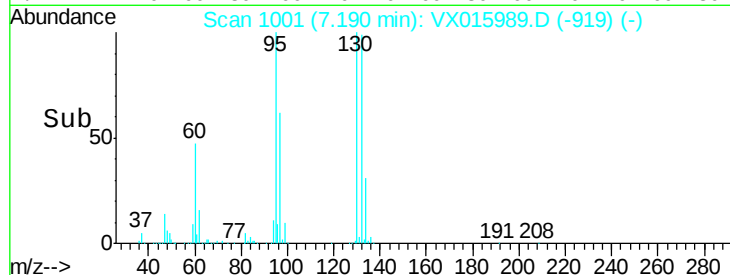
60000

40000

20000

0

Time-->



#38

Methylcyclohexane

Concen: 52.330 ug/l

RT: 7.44 min Scan# 1042

Delta R.T. -0.01 min

Lab File: VX015989.D

Acq: 30 Apr 2020 11:17

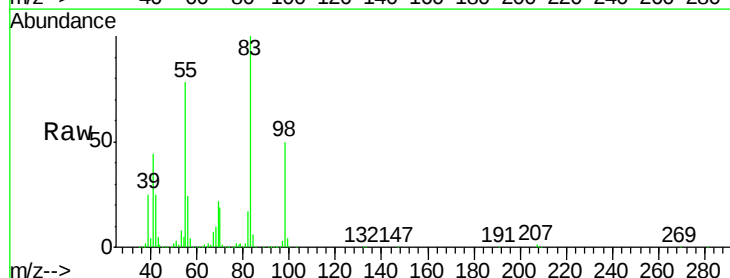
Tgt Ion: 83 Resp: 267751

Ion Ratio Lower Upper

83 100

55 77.9 38.8 116.4

98 49.4 25.1 75.3



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

7.44

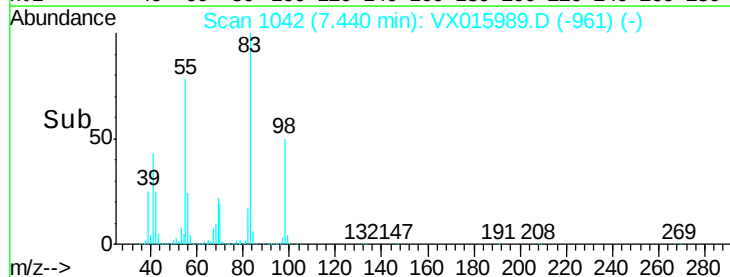
150000

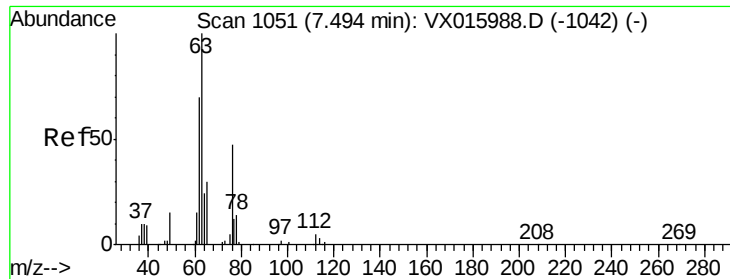
100000

50000

0

Time-->





#39

1,2-Dichloropropane

Concen: 51.296 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VX015989.D

Acq: 30 Apr 2020 11:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tot Ion: 63 Resp: 164091

Ion Ratio Lower Upper

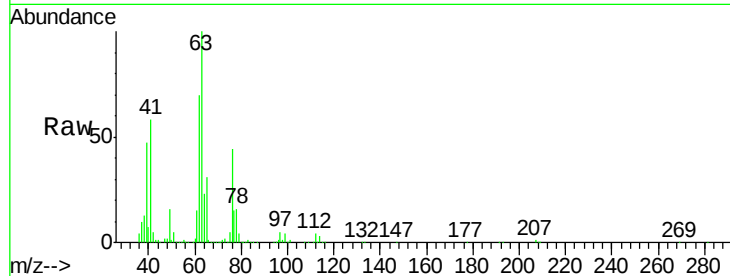
63 100

65 30.6 25.9 38.9

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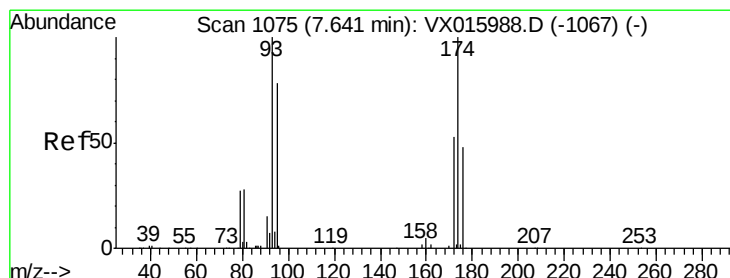
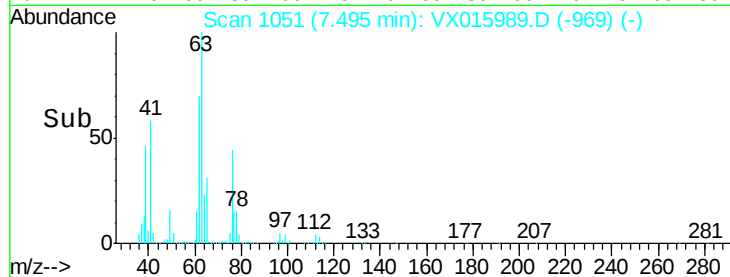
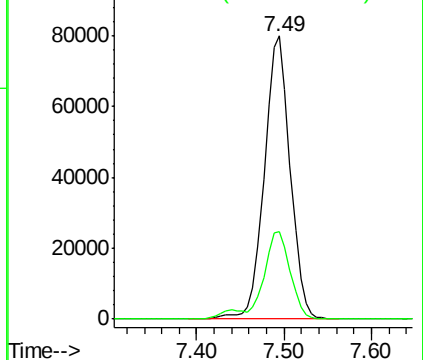
MMDadoda

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Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 65.00 (64.70 to 65.70): VX0



#40

Dibromomethane

Concen: 52.123 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VX015989.D

Acq: 30 Apr 2020 11:17

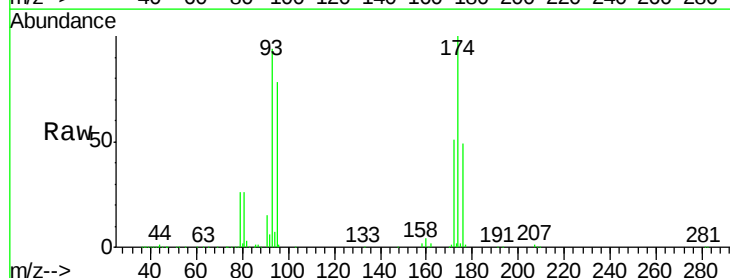
Tgt Ion: 93 Resp: 113178

Ion Ratio Lower Upper

93 100

95 83.2 0.0 162.8

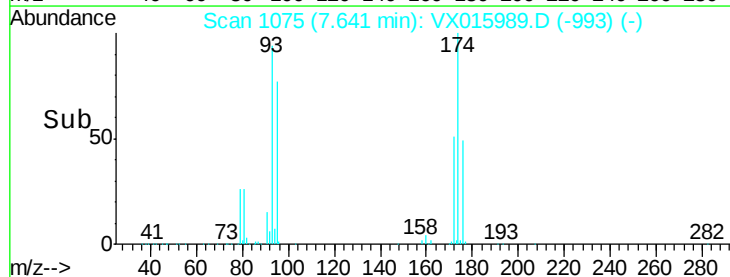
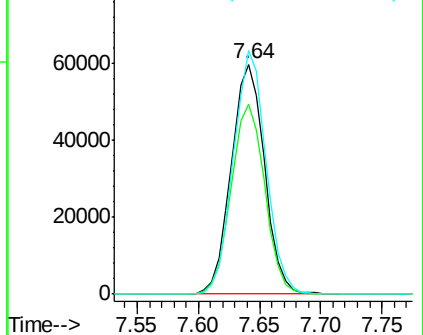
174 103.8 0.0 204.0

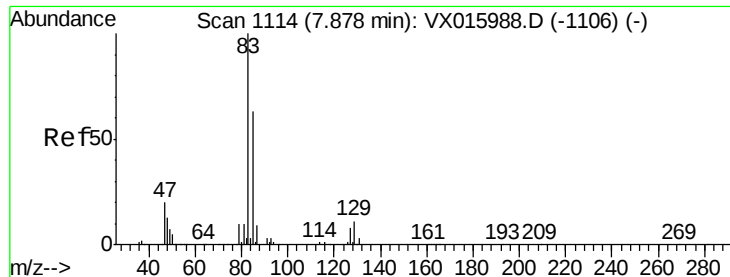


Abundance Ion 93.00 (92.70 to 93.70): VX0

Ion 95.00 (94.70 to 95.70): VX0

Ion 174.00 (173.70 to 174.70): V





#41

Bromodichloromethane

Concen: 51.192 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX015989.D

Acq: 30 Apr 2020 11:17

Instrument :

MSVOA_X

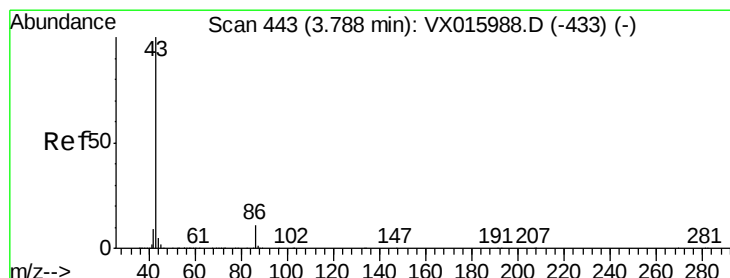
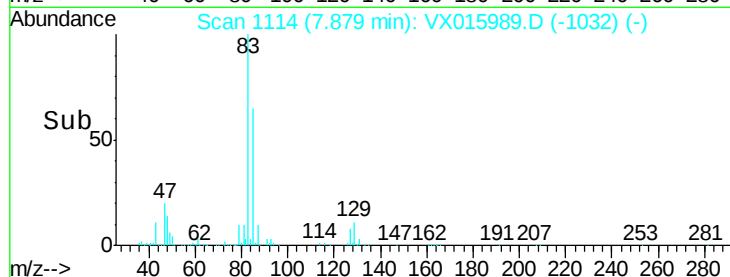
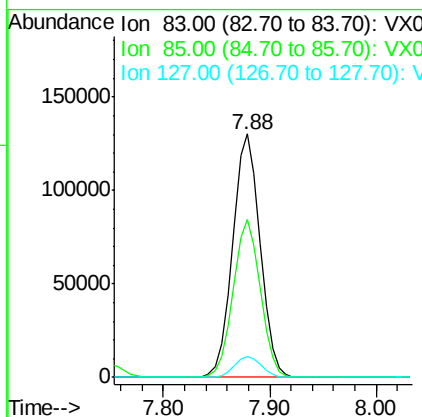
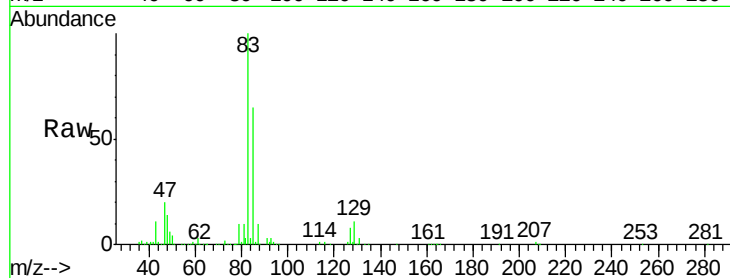
ClientSampleId :

VSTDIC050

Tot Ion:	83	Resp:	235373
Ion Ratio	Lower	Upper	
83	100		
85	65.0	50.4	75.6
127	8.4	6.7	10.1

Manual Integrations
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#42

Vinyl Acetate

Concen: 244.279 ug/l

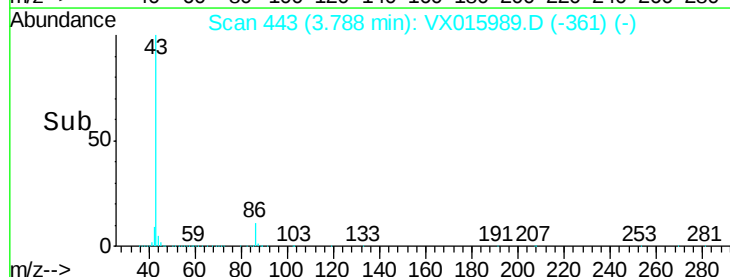
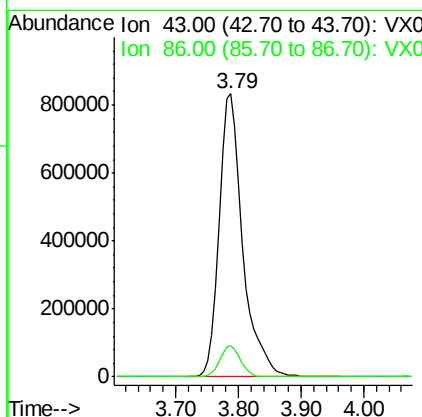
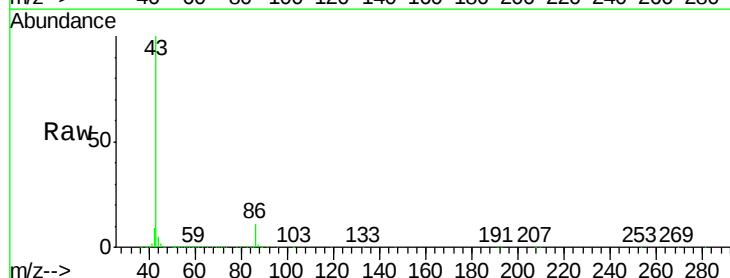
RT: 3.79 min Scan# 443

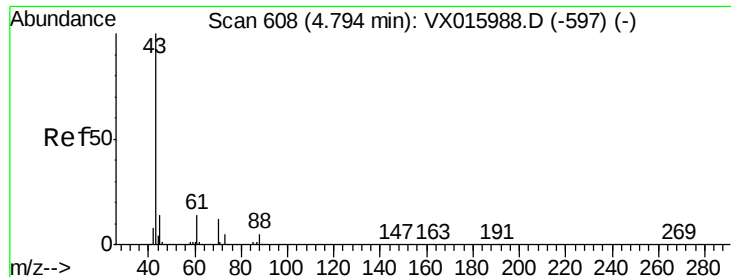
Delta R.T. 0.00 min

Lab File: VX015989.D

Acq: 30 Apr 2020 11:17

Tgt Ion:	43	Resp:	2160476
Ion Ratio	Lower	Upper	
43	100		
86	9.6	7.7	11.5





#43

Ethyl Acetate

Concen: 47.109 ug/l

RT: 4.79 min Scan# 608

Delta R.T. 0.00 min

Lab File: VX015989.D

Acq: 30 Apr 2020 11:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tot Ion: 43 Resp: 253437

Ion Ratio Lower Upper

43 100

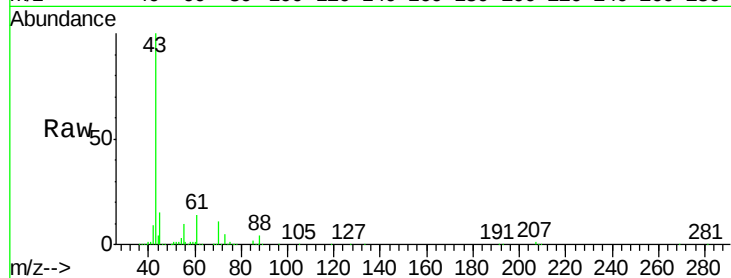
45 15.3 11.9 17.9

Manual Integrations

APPROVED

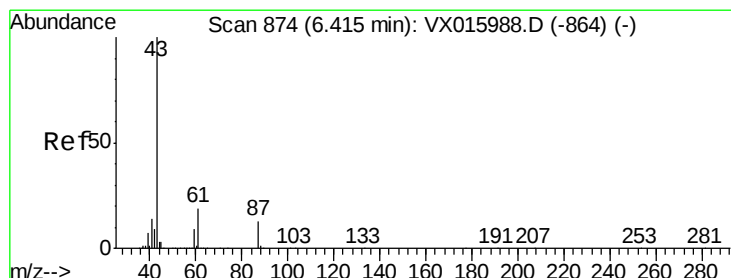
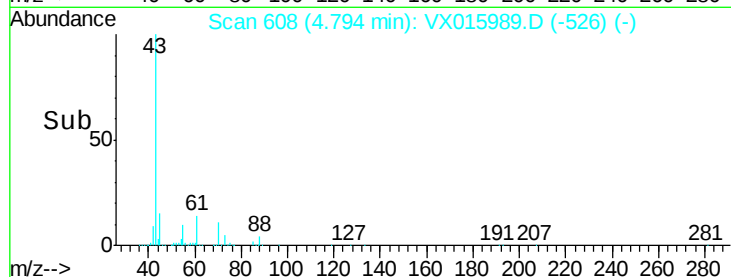
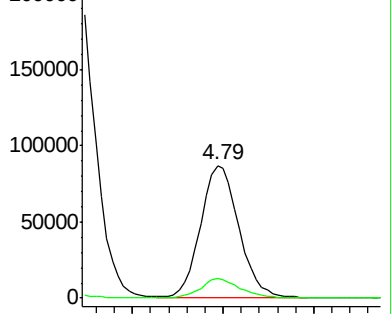
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



#44

Isopropyl Acetate

Concen: 49.659 ug/l

RT: 6.42 min Scan# 874

Delta R.T. 0.00 min

Lab File: VX015989.D

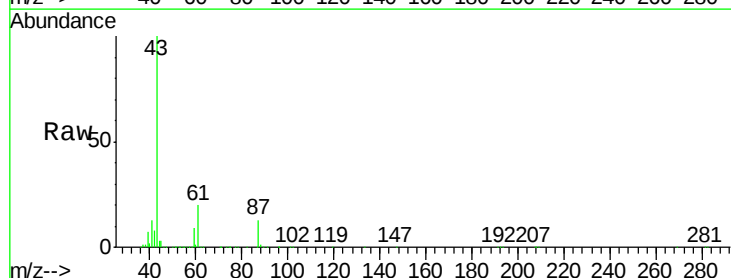
Acq: 30 Apr 2020 11:17

Tgt Ion: 43 Resp: 419253

Ion Ratio Lower Upper

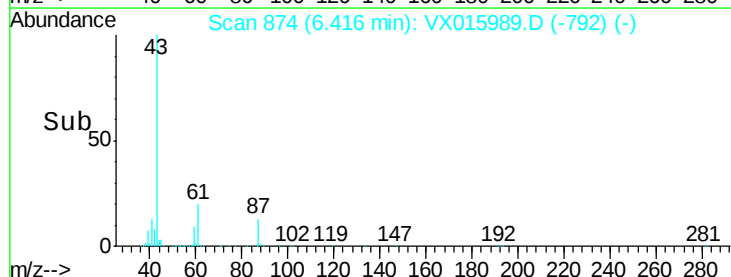
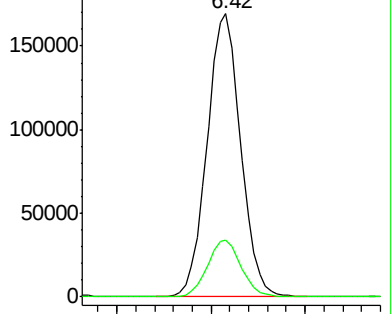
43 100

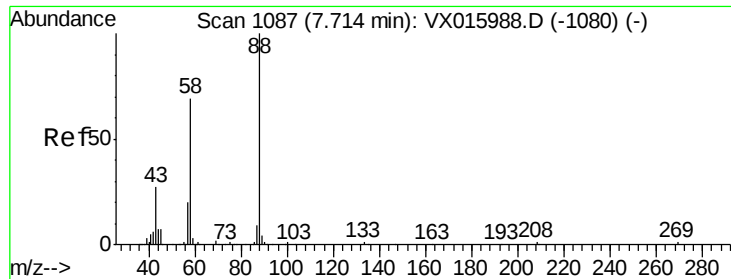
61 20.3 16.1 24.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





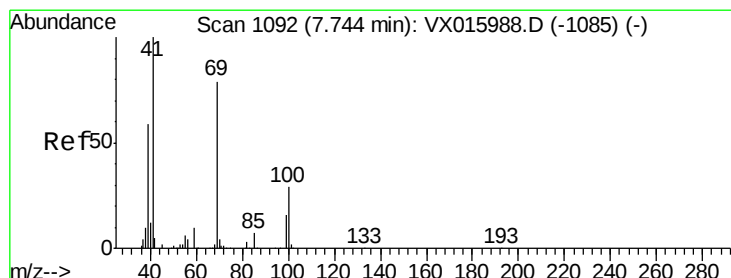
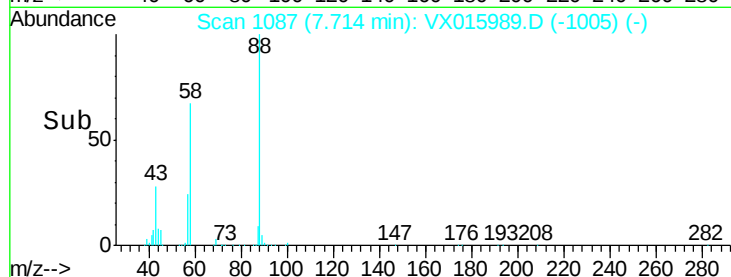
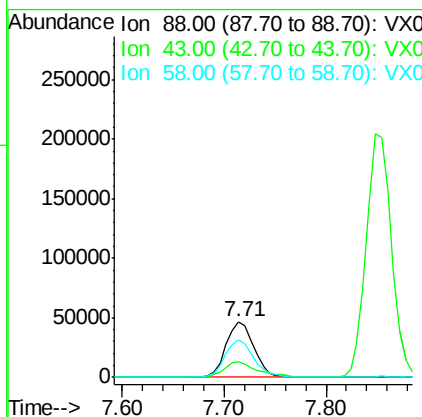
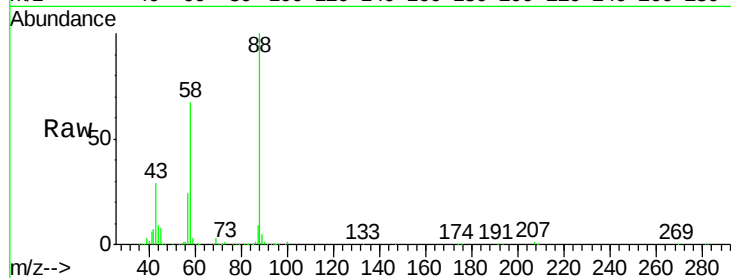
#45
1,4-Dioxane
Concen: 1087.366 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.00 min
Lab File: VX015989.D
Acq: 30 Apr 2020 11:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.1	26.3	39.5
58	68.9	57.0	85.6

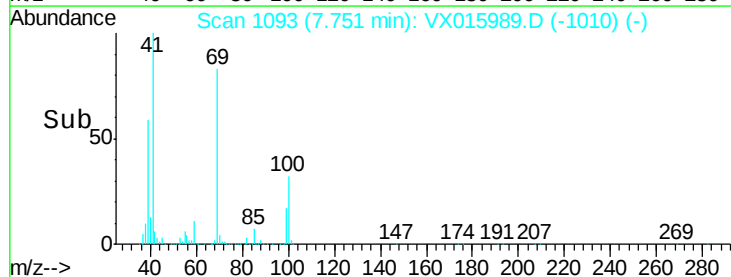
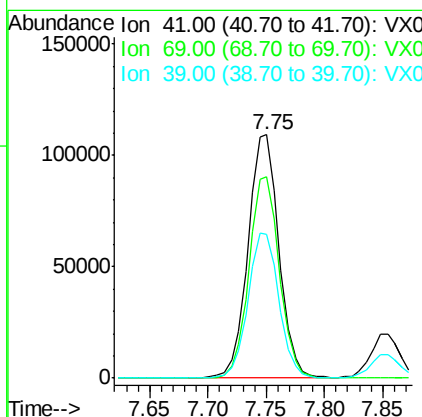
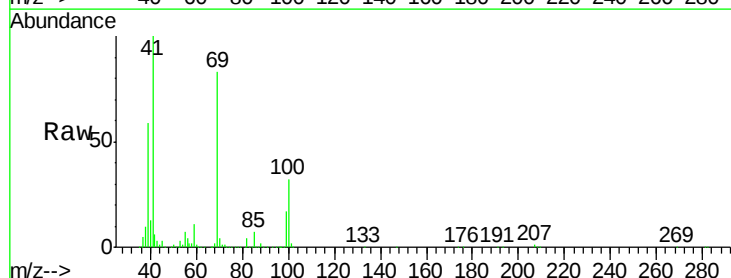
Manual Integrations
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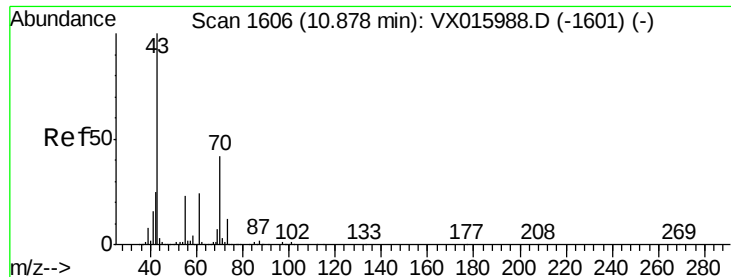
MMDadoda
5/4/2020 3:10:12 PM



#46
Methyl methacrylate
Concen: 48.437 ug/l
RT: 7.75 min Scan# 1093
Delta R.T. 0.01 min
Lab File: VX015989.D
Acq: 30 Apr 2020 11:17

Tgt Ion	Ratio	Lower	Upper
41	100		
69	82.9	39.5	118.5
39	59.1	29.6	88.9





#47

n-amvl Acetate

Concen: 50.303 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX015989.D

Acq: 30 Apr 2020 11:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tot Ion: 43 Resp: 369081

Ion Ratio Lower Upper

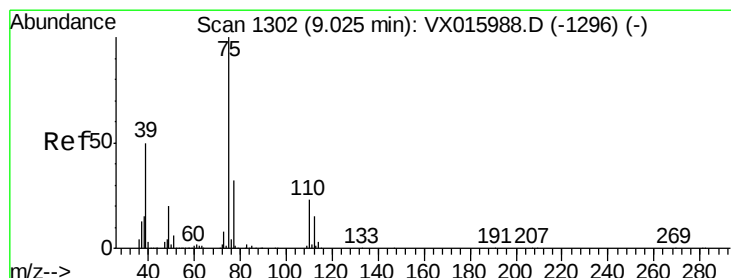
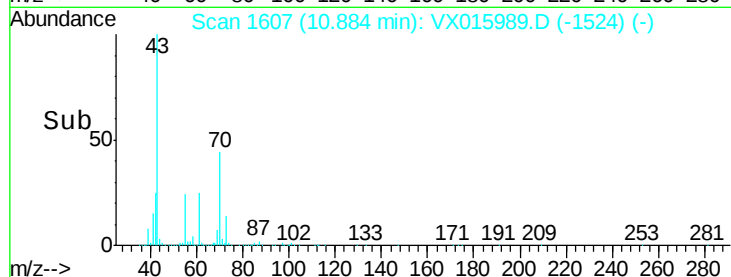
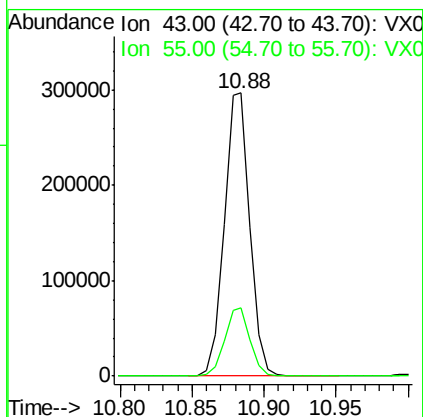
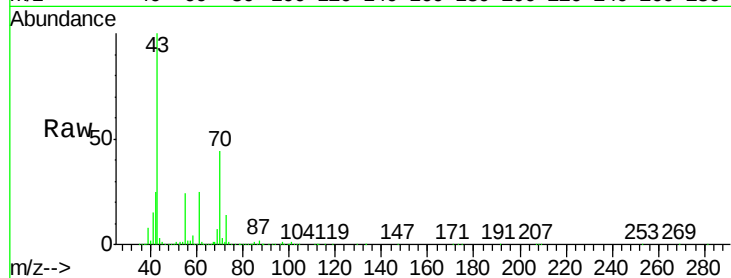
43 100

55 23.9 19.0 28.4

Manual Integrations
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MMDadoda

5/4/2020 3:10:12 PM



#48

t-1,3-Dichloropropene

Concen: 51.812 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX015989.D

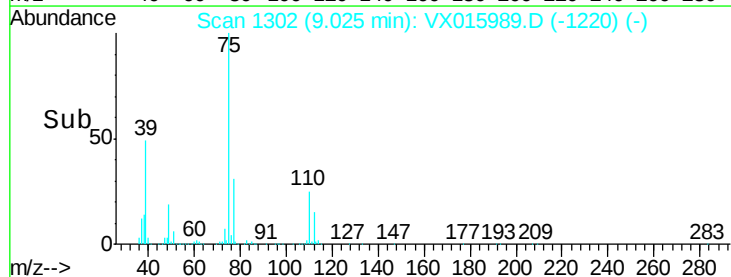
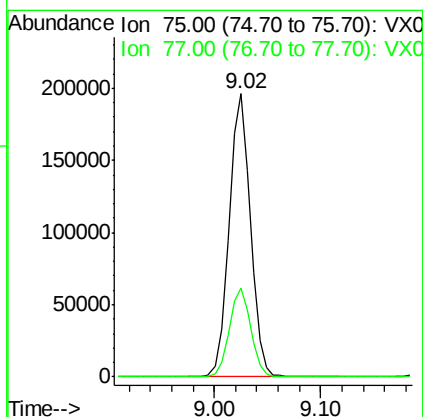
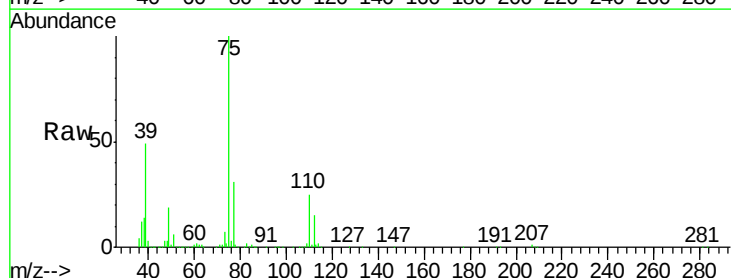
Acq: 30 Apr 2020 11:17

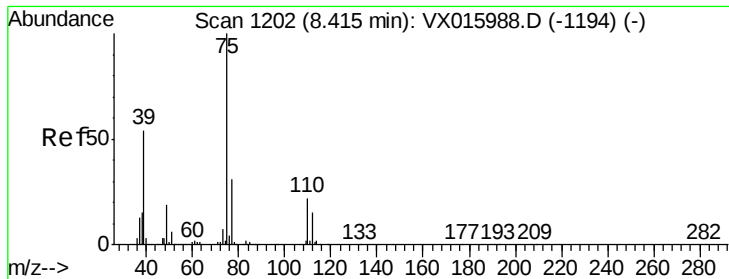
Tgt Ion: 75 Resp: 275431

Ion Ratio Lower Upper

75 100

77 31.3 25.8 38.8





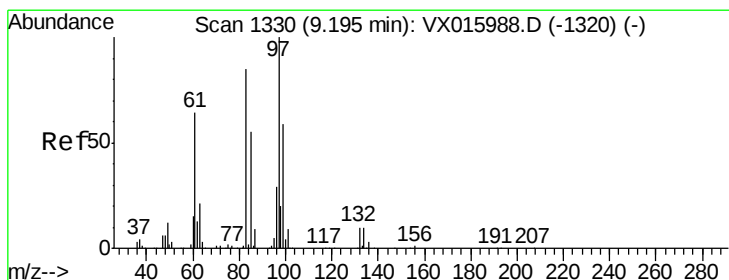
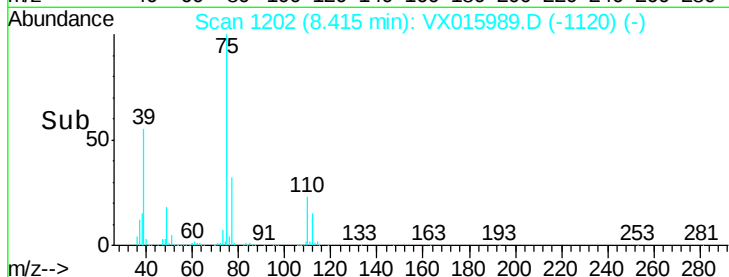
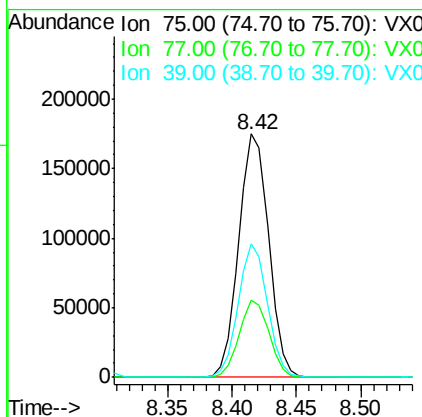
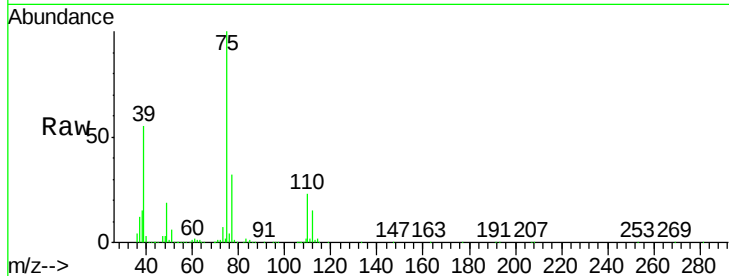
#49
 cis-1,3-Dichloropropene
 Concen: 51.345 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: VX015989.D
 Acq: 30 Apr 2020 11:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Tot Ion:	75	Resp:	282108
Ion Ratio	Lower	Upper	
75	100		
77	31.8	25.0	37.6
39	54.9	43.2	64.8

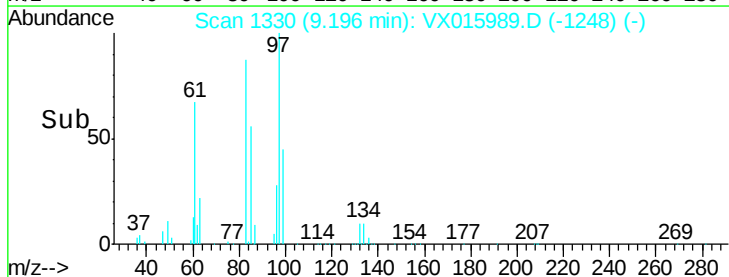
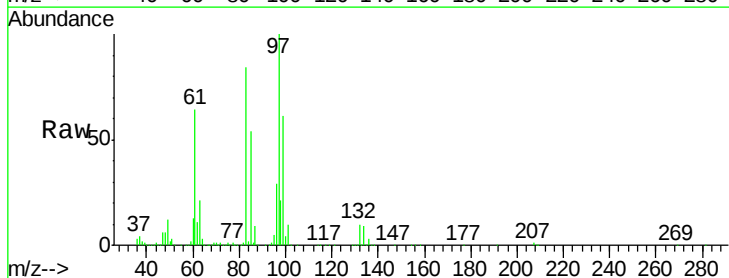
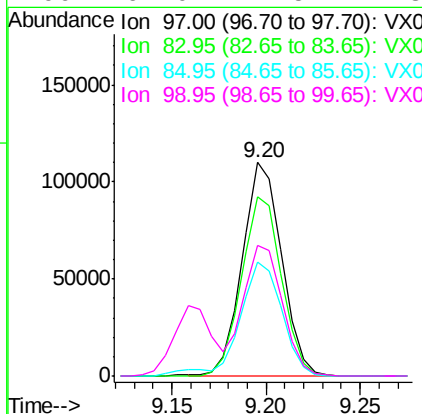
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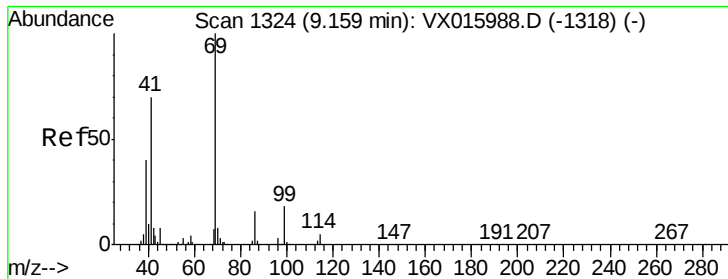
MMDadoda
 5/4/2020 3:10:12 PM



#50
 1,1,2-Trichloroethane
 Concen: 51.612 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX015989.D
 Acq: 30 Apr 2020 11:17

Tgt Ion:	97	Resp:	158822
Ion Ratio	Lower	Upper	
97	100		
83	83.9	67.7	101.5
85	53.6	43.7	65.5
99	61.0	47.5	71.3





#51

Ethyl methacrylate

Concen: 51.239 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX015989.D

Acq: 30 Apr 2020 11:17

Instrument :

MSVOA_X

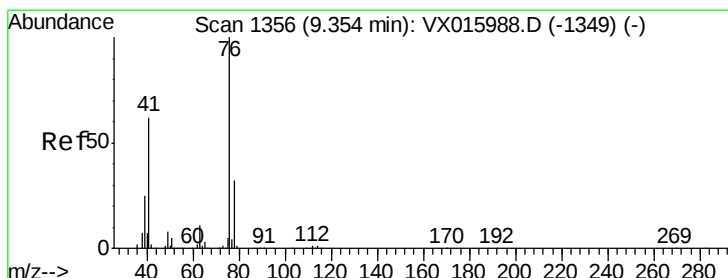
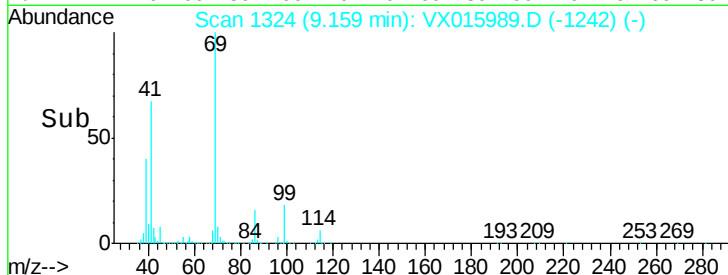
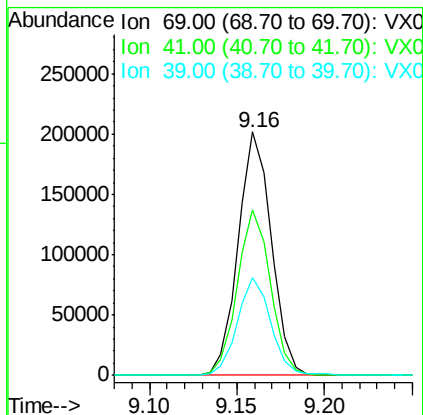
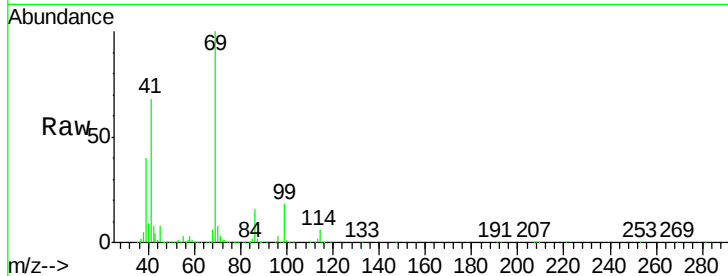
ClientSampleId :

VSTDIC050

Tot Ion:	69	Resp:	266270
Ion	Ratio	Lower	Upper
69	100		
41	67.7	34.8	104.4
39	39.8	19.8	59.4

Manual Integrations
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5/4/2020 3:10:12 PM



#52

1,3-Dichloropropane

Concen: 52.134 ug/l

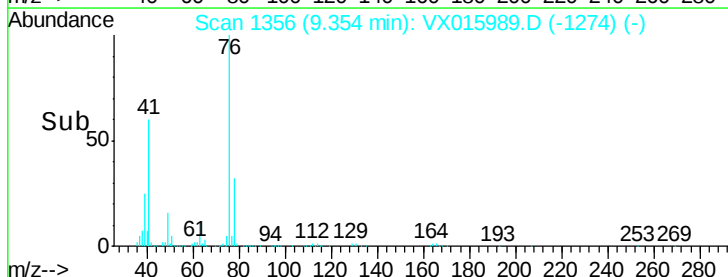
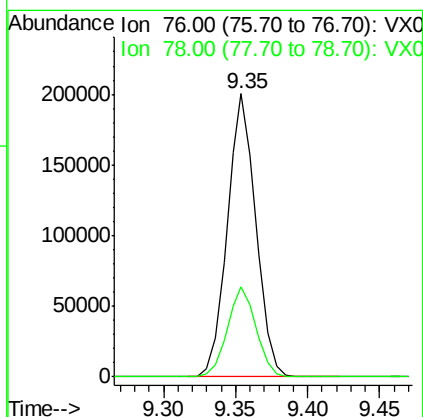
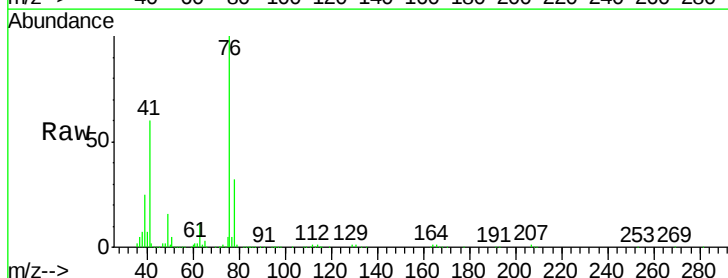
RT: 9.35 min Scan# 1356

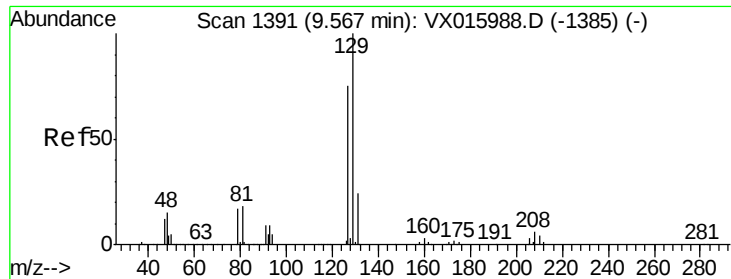
Delta R.T. 0.00 min

Lab File: VX015989.D

Acq: 30 Apr 2020 11:17

Tgt Ion:	76	Resp:	277420
Ion	Ratio	Lower	Upper
76	100		
78	32.1	0.0	64.2





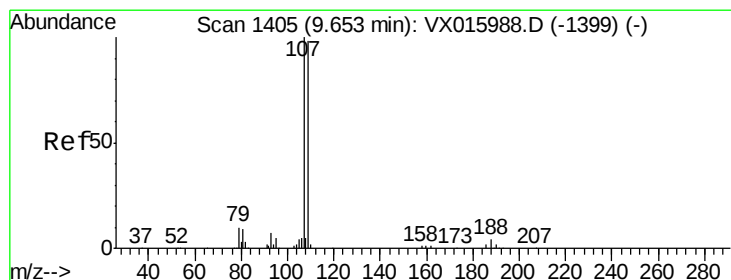
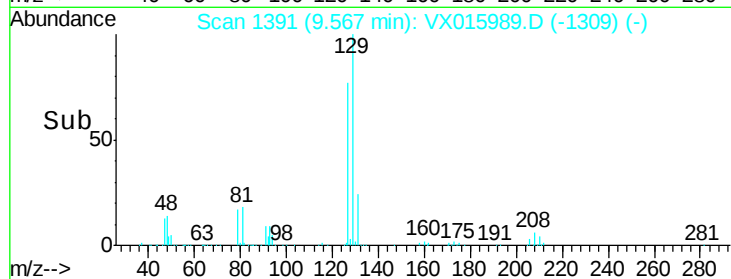
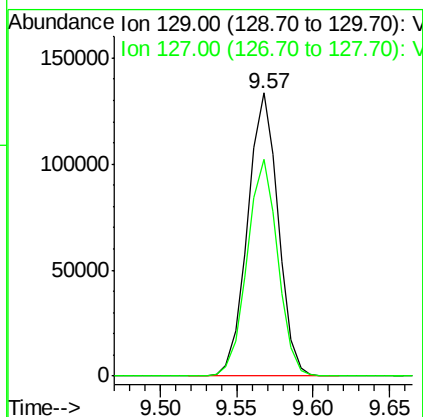
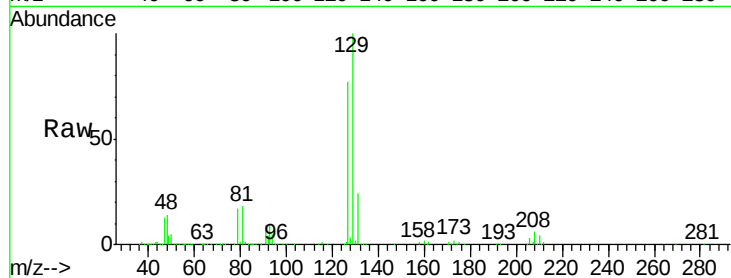
#53
 Dibromochloromethane
 Concen: 50.336 ug/l
 RT: 9.57 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX015989.D
 Acq: 30 Apr 2020 11:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Tot Ion	Ratio	Lower	Upper
129	100		
127	76.7	38.3	114.9

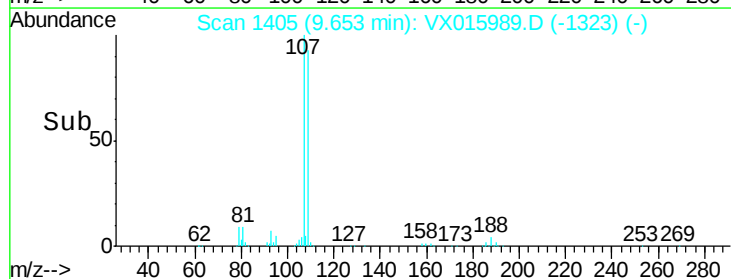
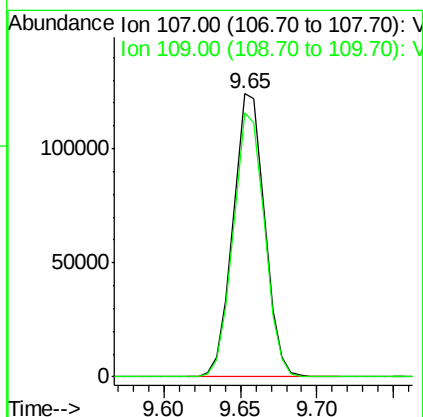
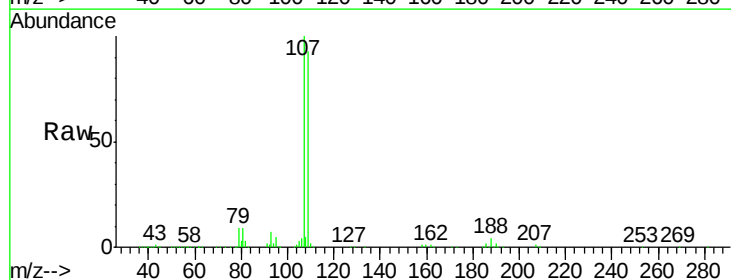
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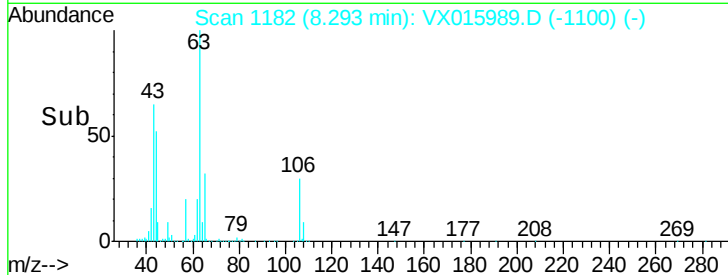
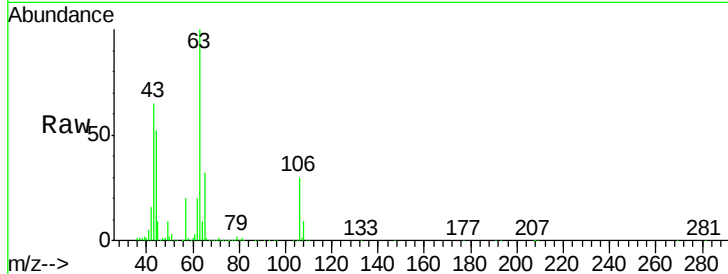
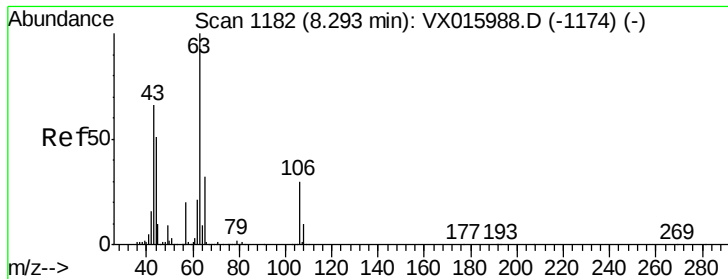
MMDadoda
 5/4/2020 3:10:12 PM



#54
 1,2-Dibromoethane
 Concen: 53.203 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: VX015989.D
 Acq: 30 Apr 2020 11:17

Tgt Ion	Ratio	Lower	Upper
107	100		
109	92.8	74.7	112.1





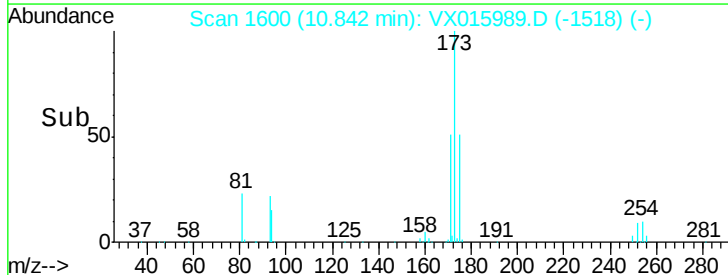
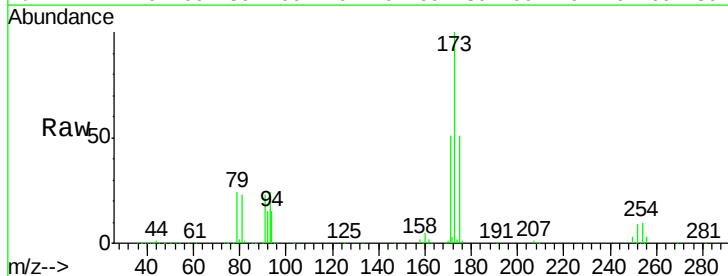
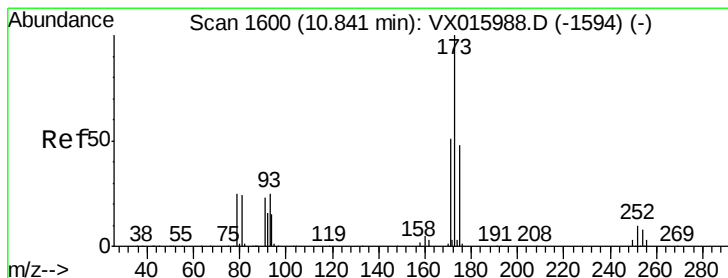
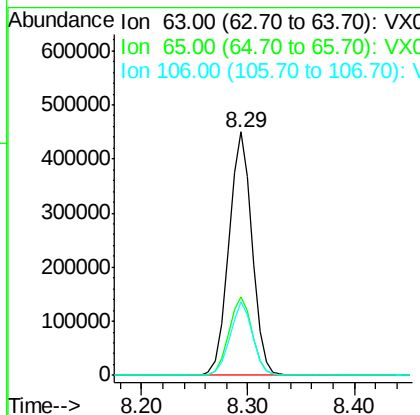
#55
2-Chloroethyl vinyl ether
Concen: 270.389 ug/l
RT: 8.29 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VX015989.D
Acq: 30 Apr 2020 11:17

Tot Ion	Ratio	Resp	Lower	Upper
63	100	686708		
65	32.3		25.6	38.4
106	29.4		23.4	35.0

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

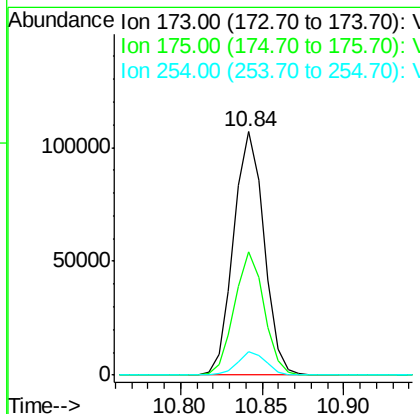
Manual Integrations
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5/4/2020 3:10:12 PM



#56
Bromoform
Concen: 47.480 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VX015989.D
Acq: 30 Apr 2020 11:17

Tgt Ion	Ratio	Resp	Lower	Upper
173	100	139222		
175	49.3		38.0	57.0
254	9.3		6.8	10.2





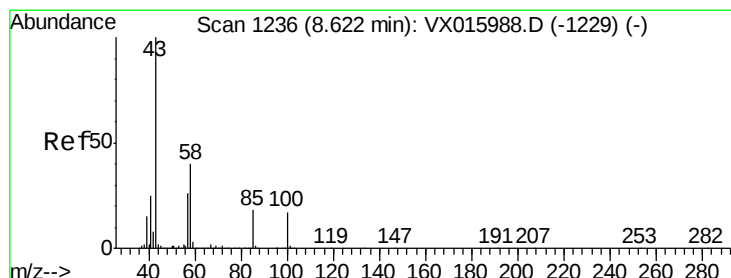
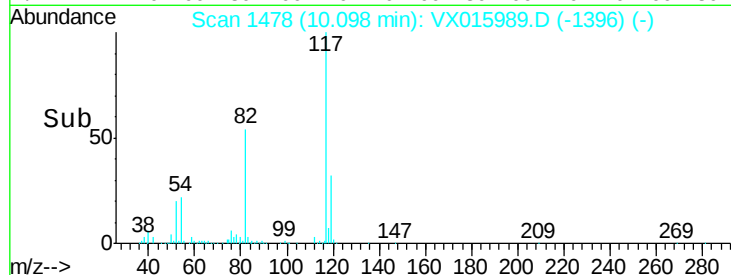
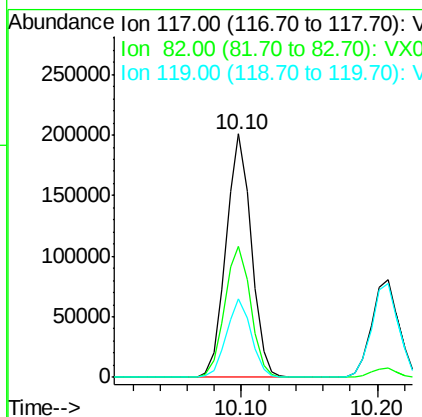
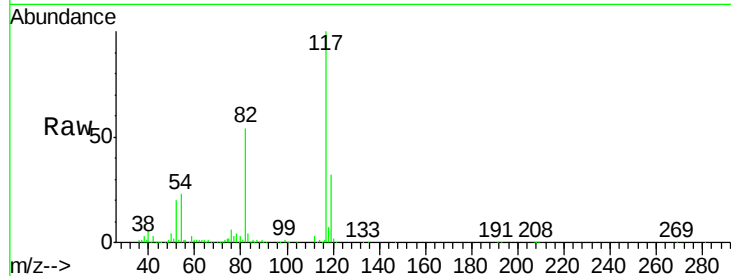
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX015989.D
Acq: 30 Apr 2020 11:17

Instrument :
MSVOA_X
ClientSampled :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.5	45.1	67.7
119	32.1	25.6	38.4

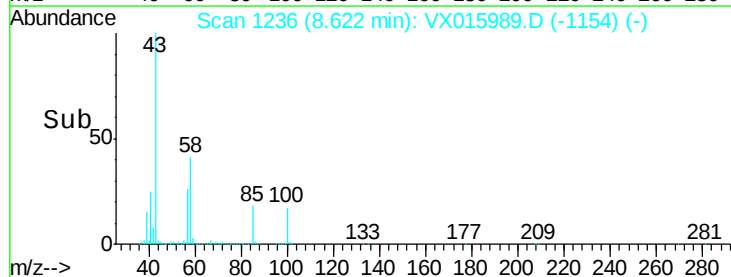
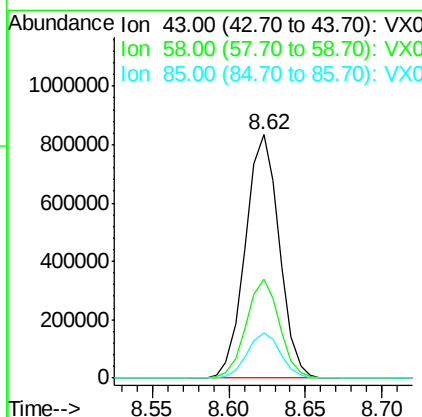
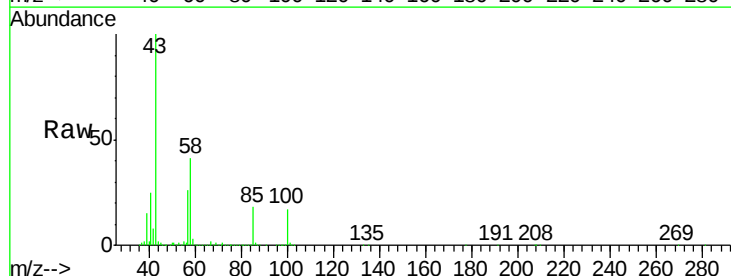
Manual Integrations
APPROVED

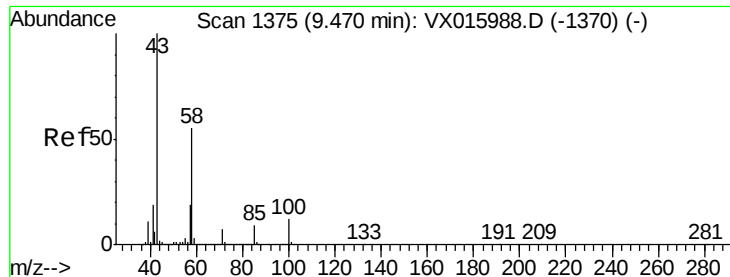
MMDadoda
5/4/2020 3:10:12 PM



#58
4-Methyl-2-Pentanone
Concen: 261.347 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VX015989.D
Acq: 30 Apr 2020 11:17

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.9	31.8	47.6
85	18.2	14.5	21.7





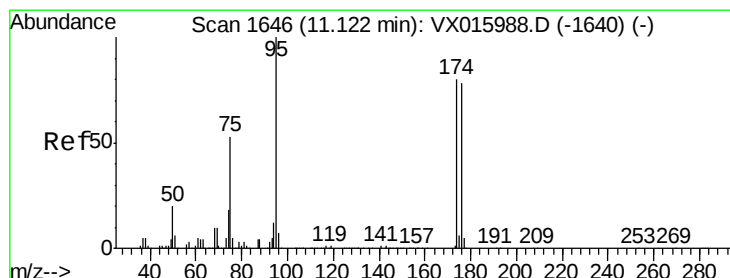
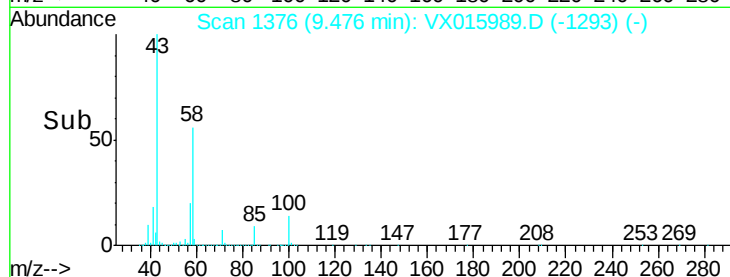
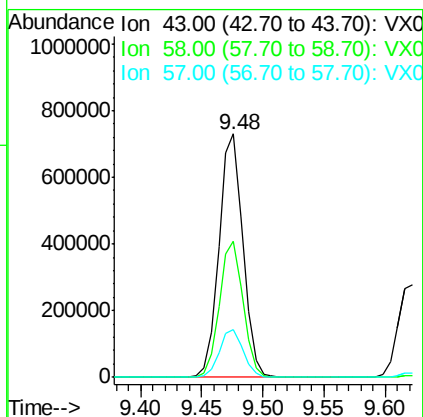
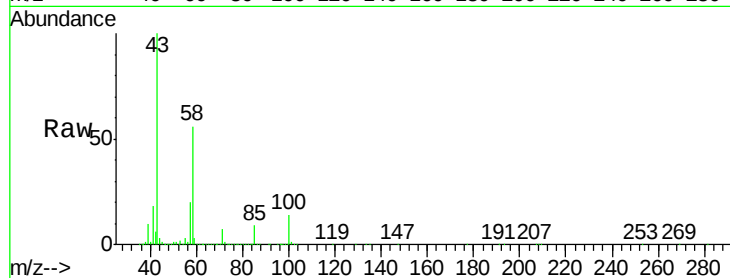
#59
2-Hexanone
Concen: 263.823 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX015989.D
Acq: 30 Apr 2020 11:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	55.3	44.0	66.0
57	19.7	15.5	23.3

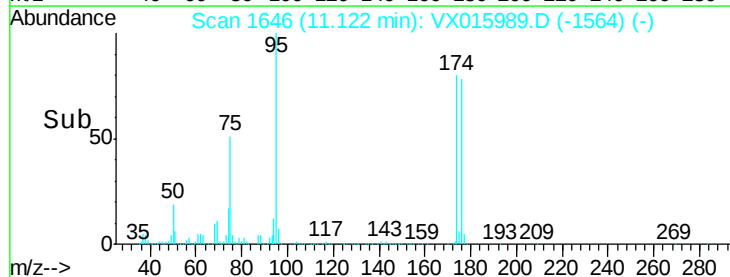
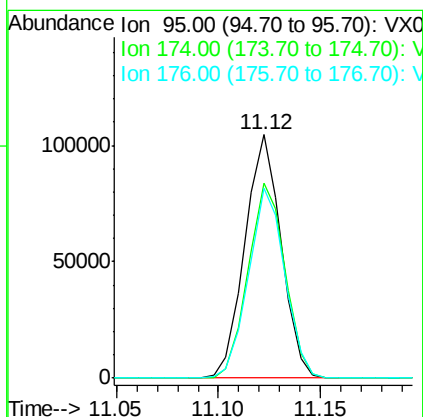
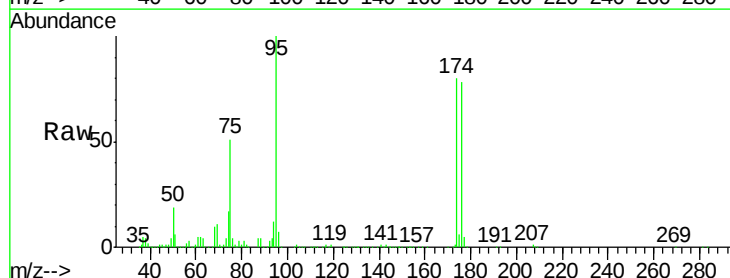
Manual Integrations
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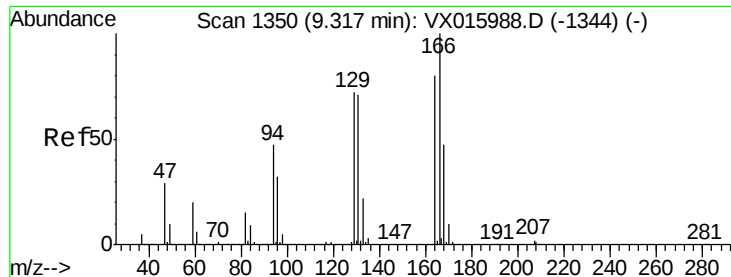
MMDadoda
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#60
4-Bromofluorobenzene
Concen: 29.527 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX015989.D
Acq: 30 Apr 2020 11:17

Tgt Ion	Ratio	Lower	Upper
95	100		
174	81.6	64.8	97.2
176	78.4	62.4	93.6





#61

Tetrachloroethene

Concen: 63.530 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX015989.D

Acq: 30 Apr 2020 11:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tot Ion:164 Resp: 256070

Ion Ratio Lower Upper

164 100

166 120.0 100.1 150.1

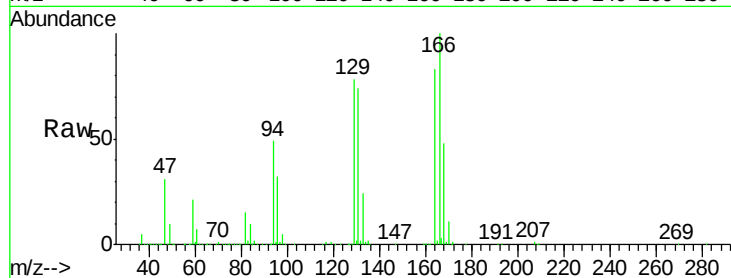
129 93.7 72.2 108.4

131 89.3 71.3 106.9

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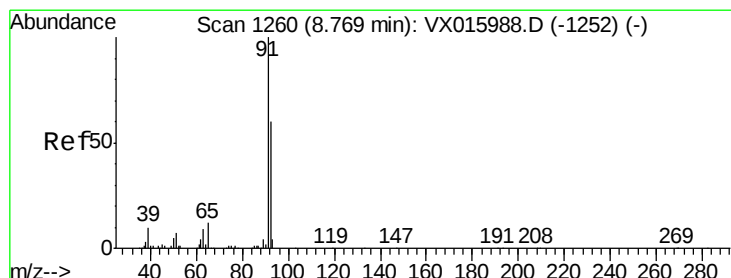
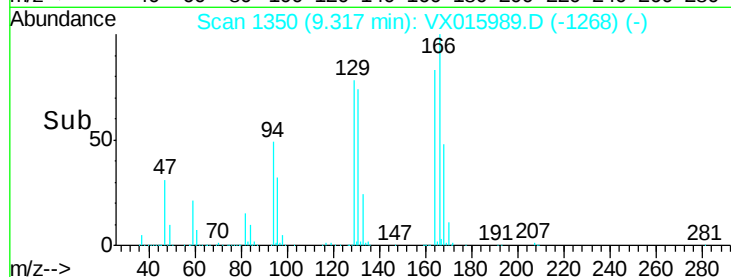
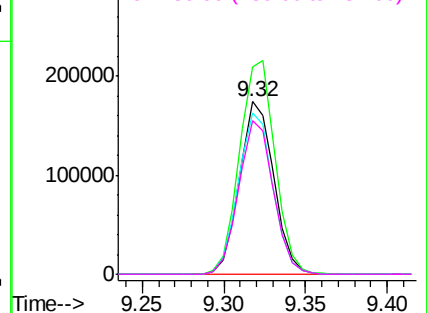


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 52.327 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.00 min

Lab File: VX015989.D

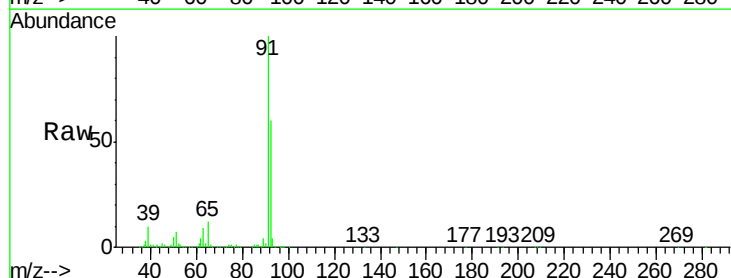
Acq: 30 Apr 2020 11:17

Tgt Ion: 91 Resp: 691563

Ion Ratio Lower Upper

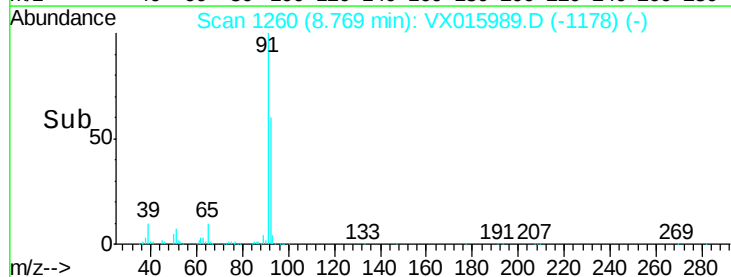
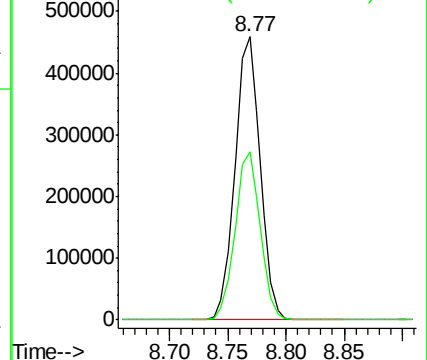
91 100

92 59.1 47.2 70.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 29.728 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX015989.D

Acq: 30 Apr 2020 11:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tot Ion: 98 Resp: 326571

Ion Ratio Lower Upper

98 100

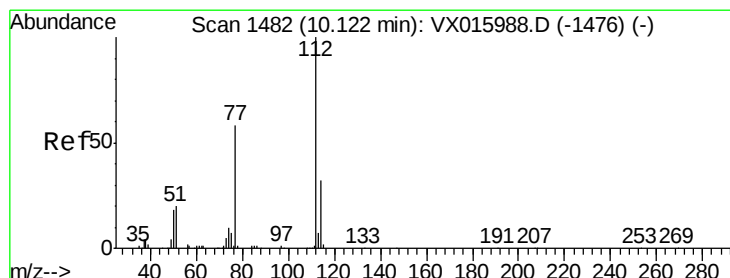
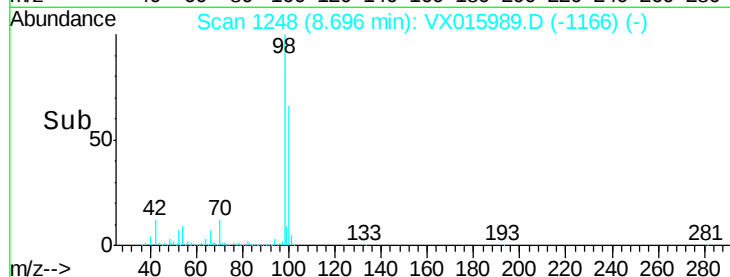
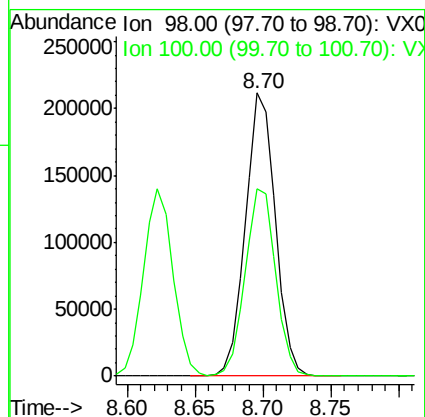
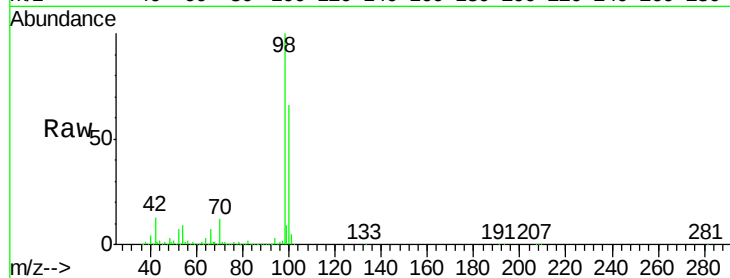
100 67.5 52.5 78.7

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#64

Chlorobenzene

Concen: 51.804 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX015989.D

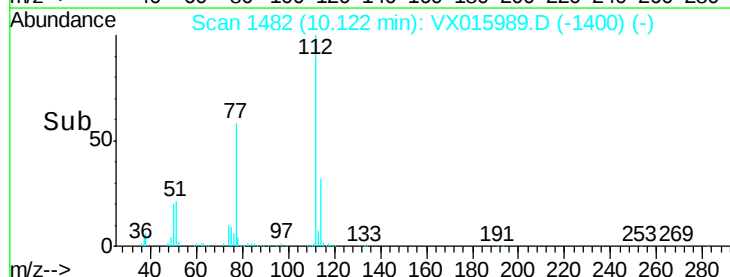
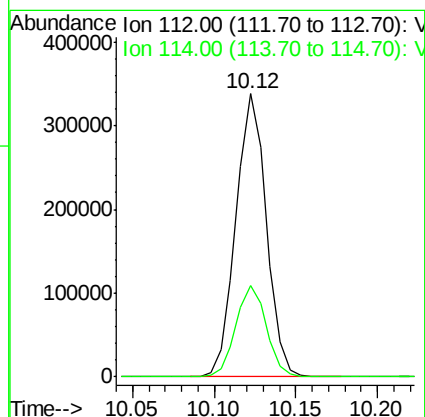
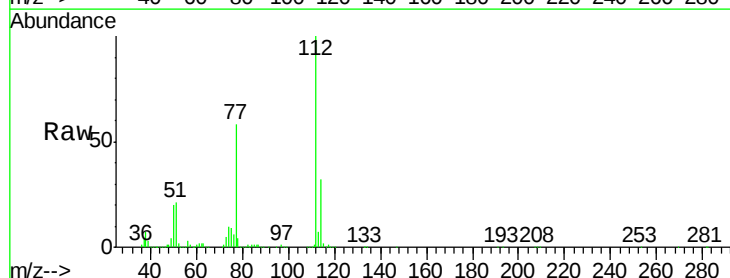
Acq: 30 Apr 2020 11:17

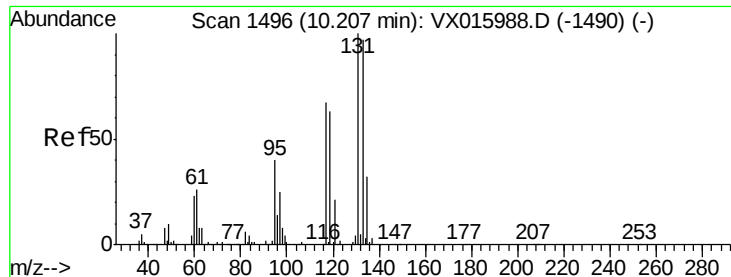
Tgt Ion: 112 Resp: 440098

Ion Ratio Lower Upper

112 100

114 32.1 25.8 38.6





#65

1,1,1,2-Tetrachloroethane

Concen: 49.673 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. 0.00 min

Lab File: VX015989.D

Acq: 30 Apr 2020 11:17

Instrument :

MSVOA_X

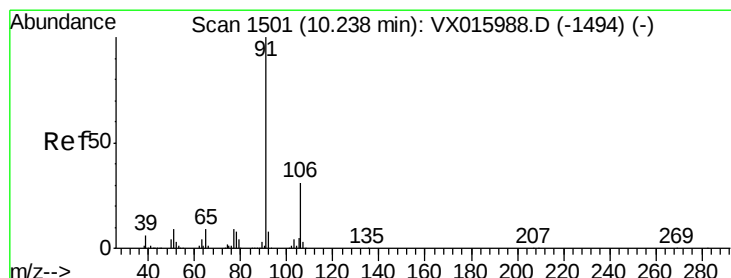
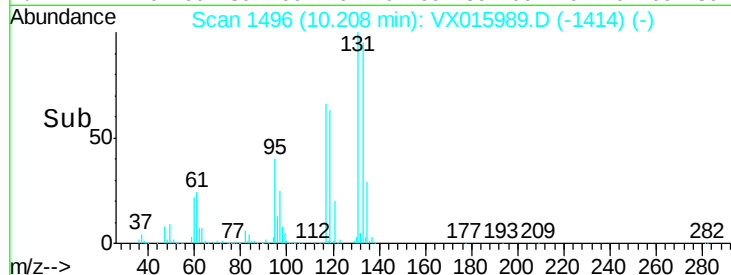
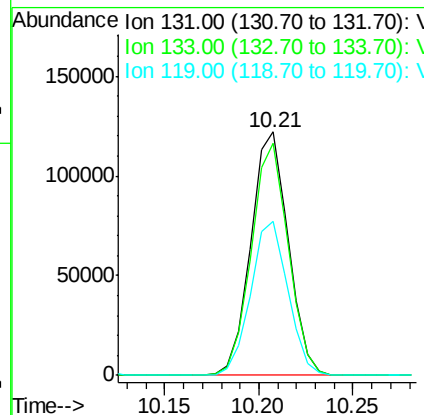
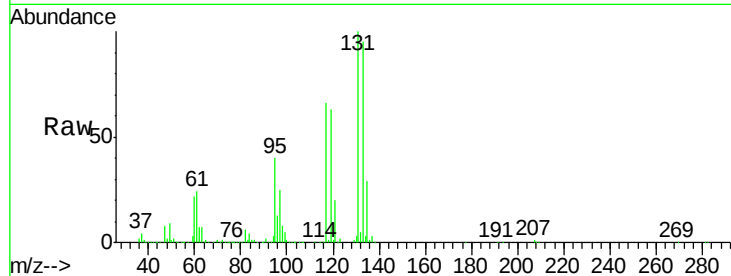
ClientSampleId :

VSTDIC050

Tot Ion:	131	Resp:	167951
Ion Ratio	Lower	Upper	
131	100		
133	93.6	0.0	187.0
119	62.9	0.0	129.0

Manual Integrations
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#66

Ethyl Benzene

Concen: 52.496 ug/l

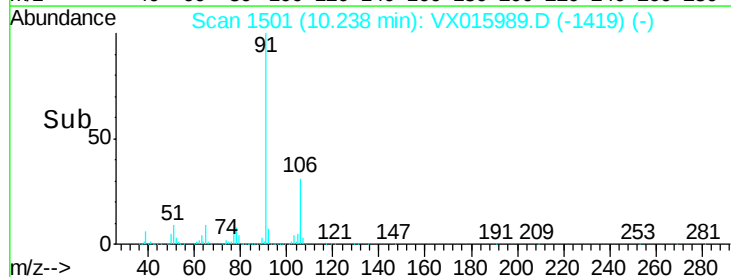
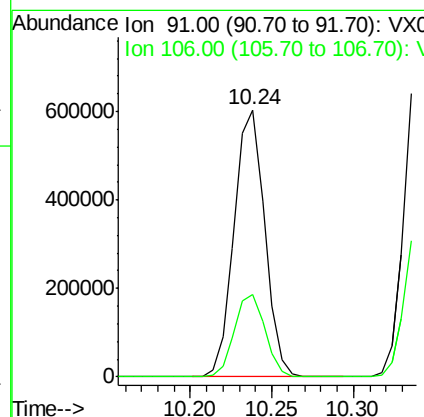
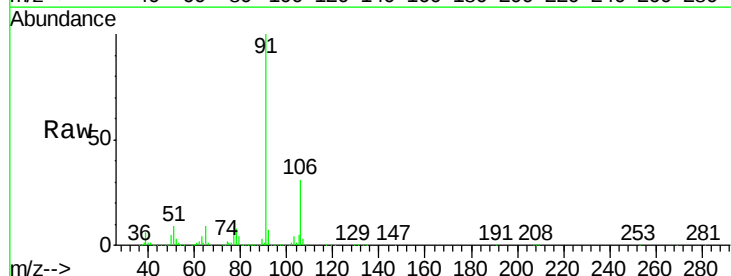
RT: 10.24 min Scan# 1501

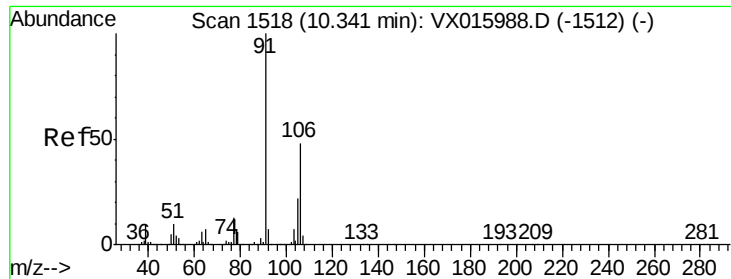
Delta R.T. 0.00 min

Lab File: VX015989.D

Acq: 30 Apr 2020 11:17

Tgt Ion:	91	Resp:	789467
Ion Ratio	Lower	Upper	
91	100		
106	31.0	24.8	37.2





#67

m/p-Xylenes

Concen: 105.447 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX015989.D

Acq: 30 Apr 2020 11:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tot Ion:106 Resp: 603606

Ion Ratio Lower Upper

106 100

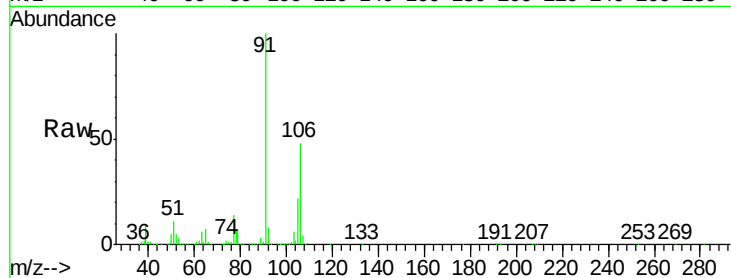
91 203.6 164.2 246.4

Manual Integrations

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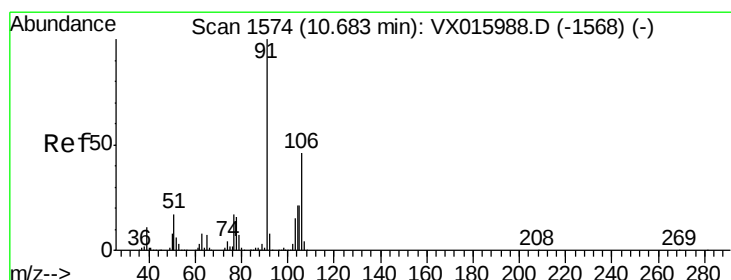
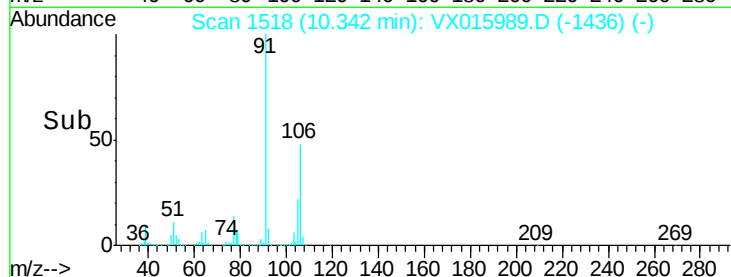
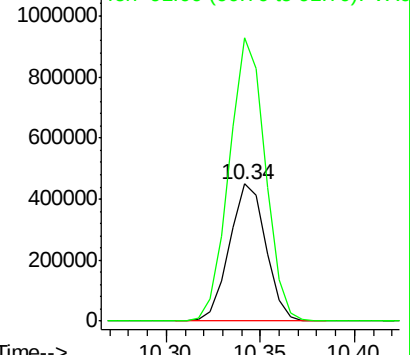
MMDadoda

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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: 52.330 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VX015989.D

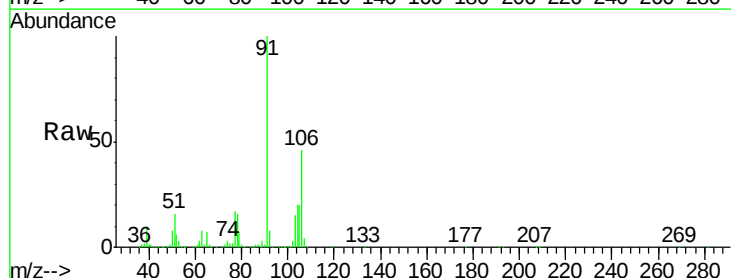
Acq: 30 Apr 2020 11:17

Tgt Ion:106 Resp: 290474

Ion Ratio Lower Upper

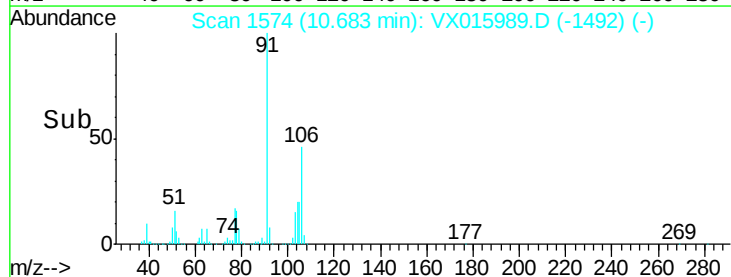
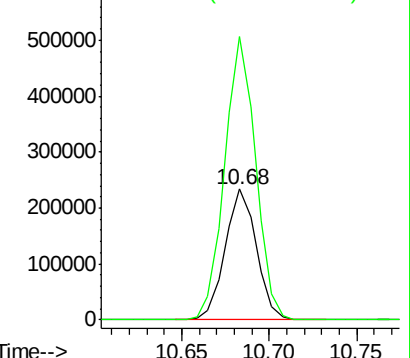
106 100

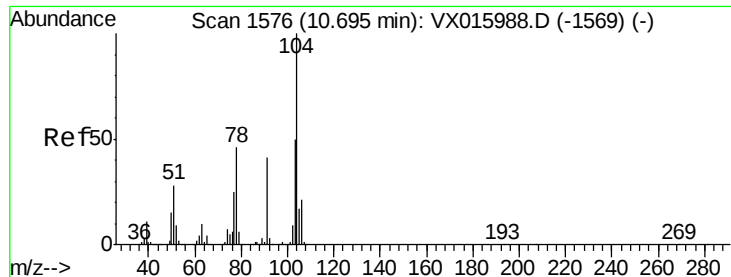
91 214.6 108.3 325.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





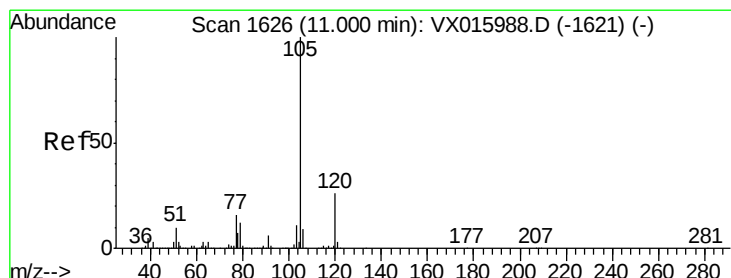
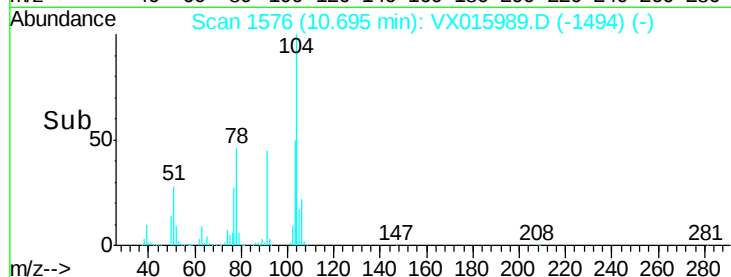
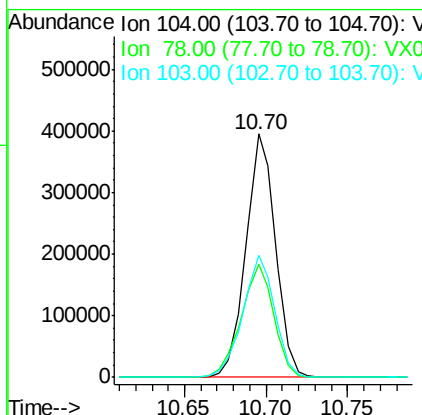
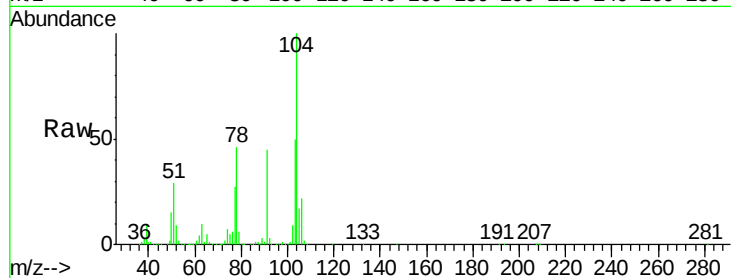
#69
Stvrene
Concen: 52.145 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX015989.D
Acq: 30 Apr 2020 11:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
104	100		
78	51.1	40.7	61.1
103	54.2	43.0	64.4

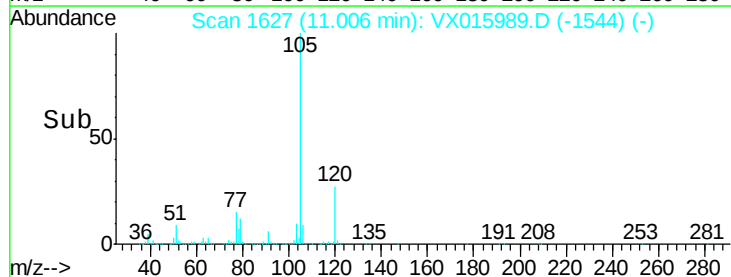
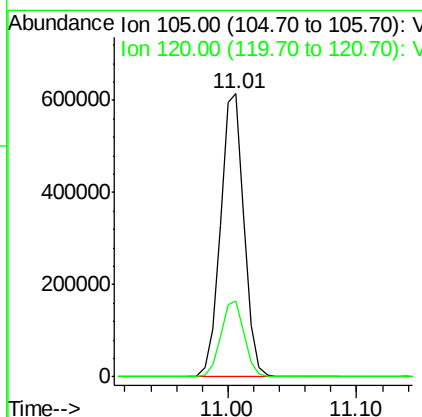
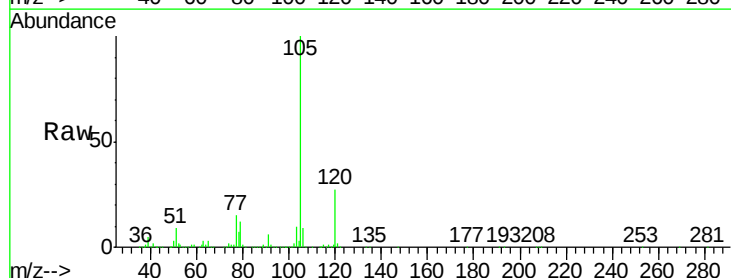
Manual Integrations
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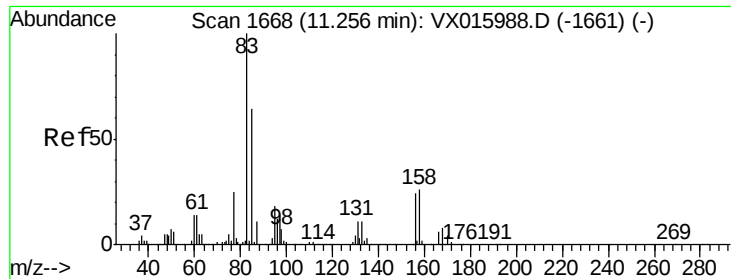
MMDadoda
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#70
Isopropylbenzene
Concen: 53.215 ug/l
RT: 11.01 min Scan# 1627
Delta R.T. 0.01 min
Lab File: VX015989.D
Acq: 30 Apr 2020 11:17

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.6	18.6	34.5





#71

1,1,2,2-Tetrachloroethane

Concen: 37.589 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.00 min

Lab File: VX015989.D

Acq: 30 Apr 2020 11:17

Instrument :

MSVOA_X

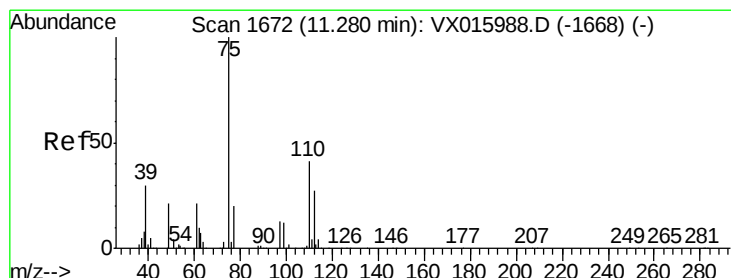
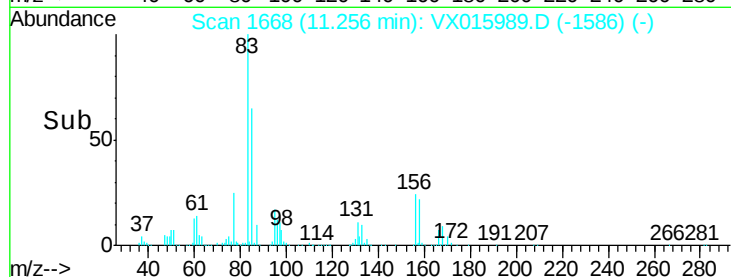
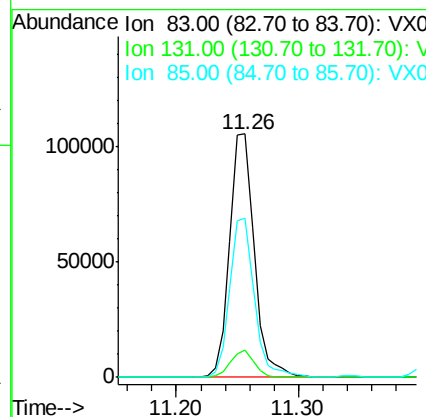
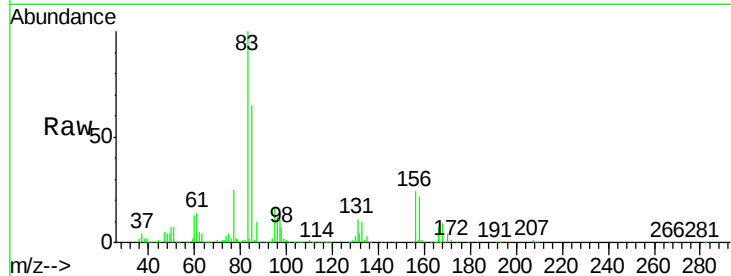
ClientSampled :

VSTDIC050

Tot Ion:	83	Resp:	147304
Ion Ratio	Lower	Upper	
83	100		
131	10.7	5.2	15.6
85	65.1	33.0	98.9

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#72

1,2,3-Trichloropropane

Concen: 53.229 ug/l m

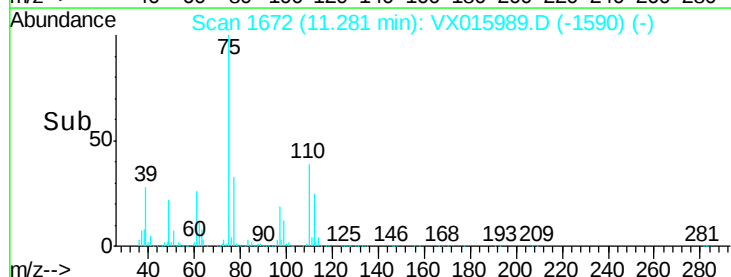
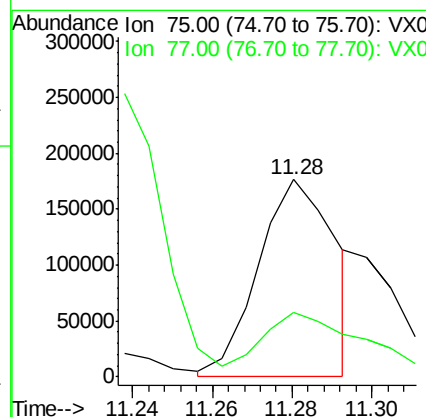
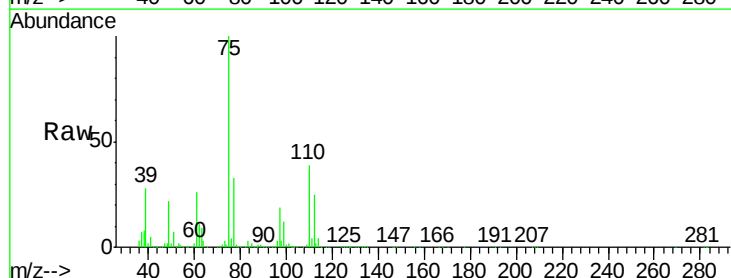
RT: 11.28 min Scan# 1672

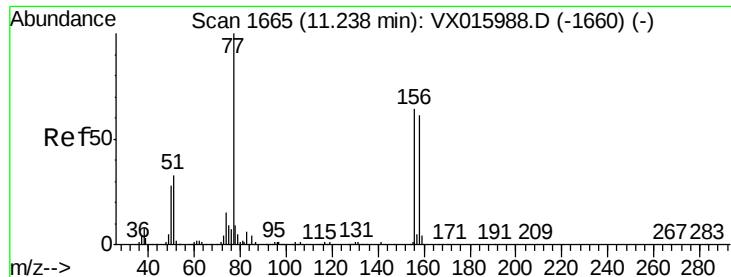
Delta R.T. 0.00 min

Lab File: VX015989.D

Acq: 30 Apr 2020 11:17

Tgt Ion:	75	Resp:	240000
Ion Ratio	Lower	Upper	
75	100		
77	43.0	0.0	86.0





#73

Bromobenzene

Concen: 50.651 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX015989.D

Acq: 30 Apr 2020 11:17

Instrument :

MSVOA_X

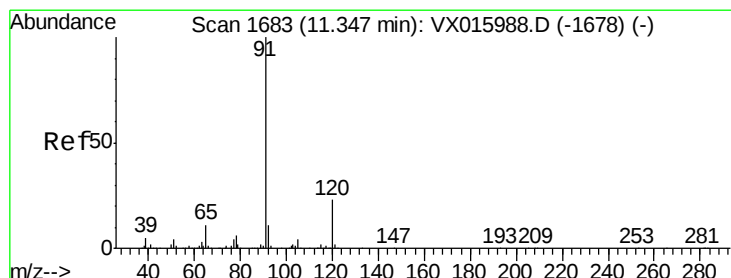
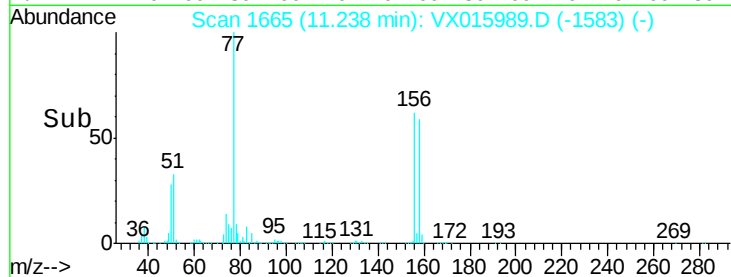
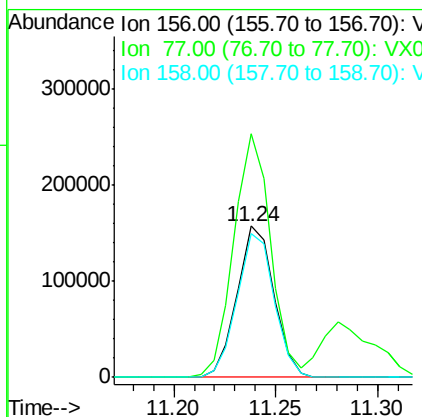
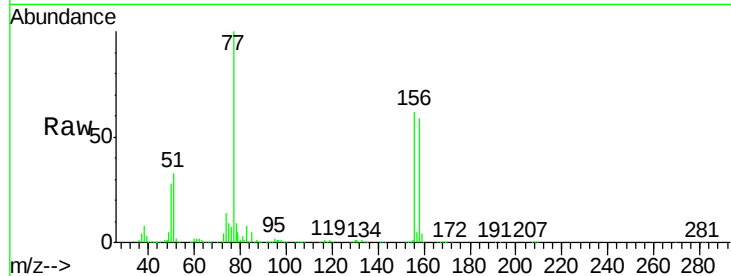
ClientSampleId :

VSTDIC050

Tot Ion:	156	Resp:	197932
Ion Ratio	Lower	Upper	
156	100		
77	160.2	0.0	318.0
158	95.7	0.0	193.2

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#74

n-propylbenzene

Concen: 53.992 ug/l

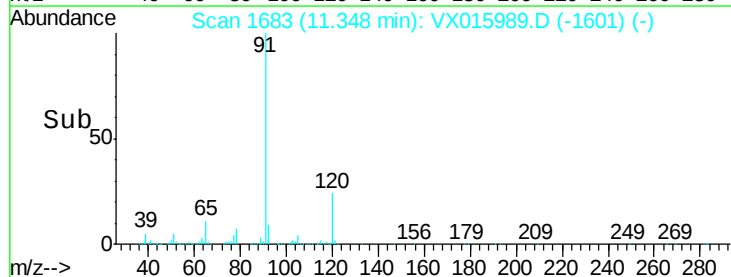
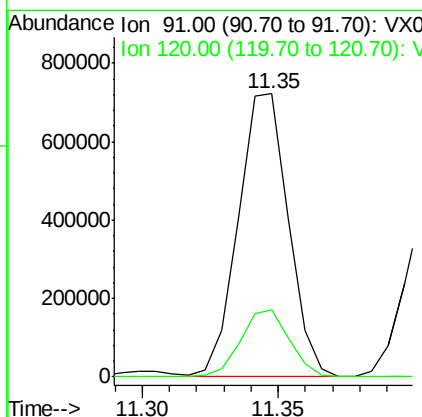
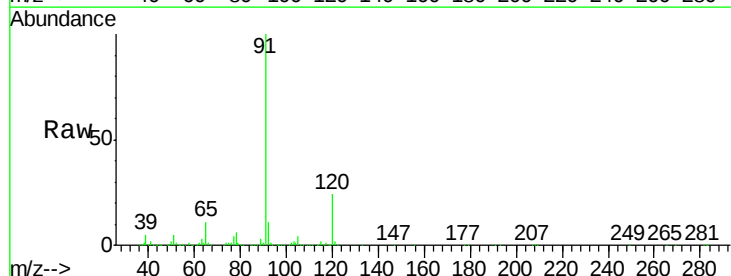
RT: 11.35 min Scan# 1683

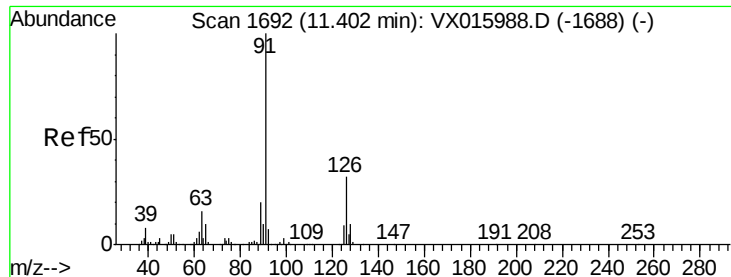
Delta R.T. 0.00 min

Lab File: VX015989.D

Acq: 30 Apr 2020 11:17

Tgt Ion:	91	Resp:	920694
Ion Ratio	Lower	Upper	
91	100		
120	23.0	0.0	45.4





#75

2-Chlorotoluene

Concen: 52.179 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX015989.D

Acq: 30 Apr 2020 11:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tot Ion: 91 Resp: 534782

Ion Ratio Lower Upper

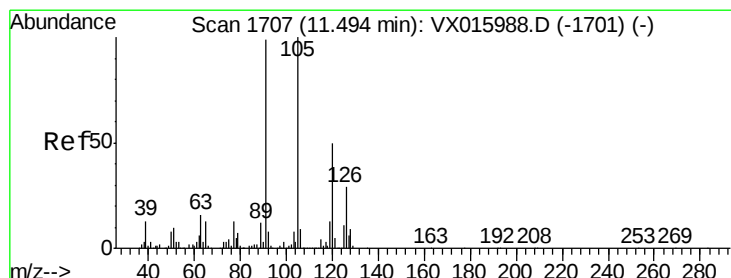
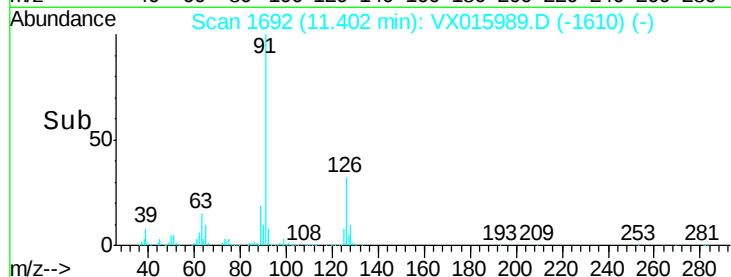
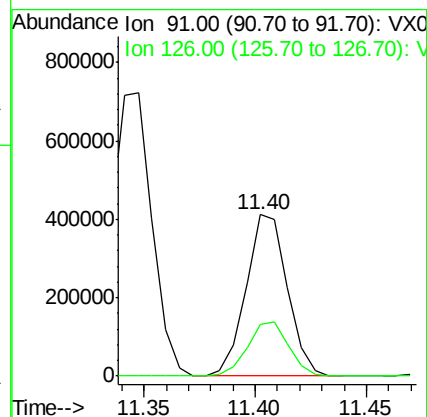
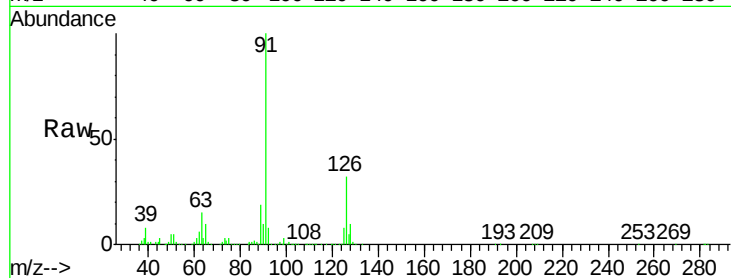
91 100

126 33.6 0.0 66.2

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#76

1,3,5-Trimethylbenzene

Concen: 53.069 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX015989.D

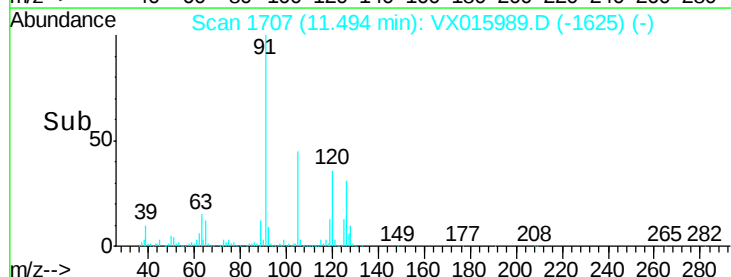
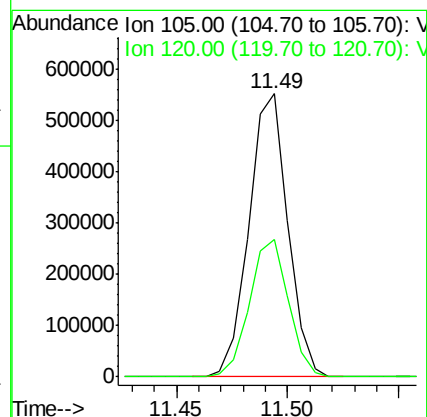
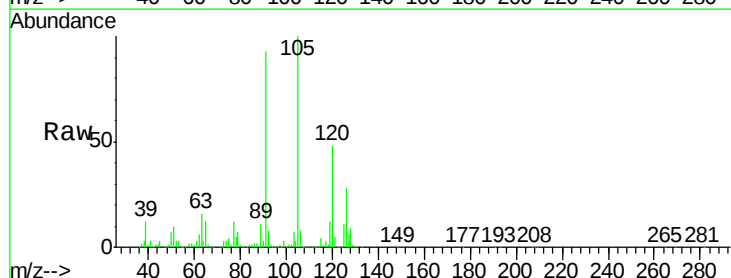
Acq: 30 Apr 2020 11:17

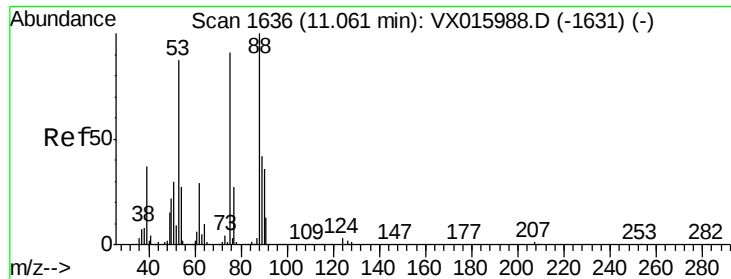
Tgt Ion: 105 Resp: 670683

Ion Ratio Lower Upper

105 100

120 48.6 0.0 99.4





#77

t-1,4-Dichloro-2-butene

Concen: 52.702 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VX015989.D

Acq: 30 Apr 2020 11:17

Instrument :

MSVOA_X

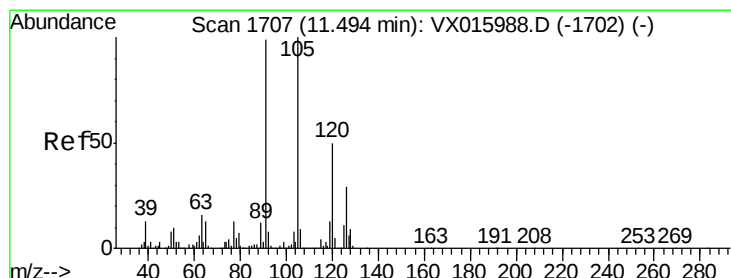
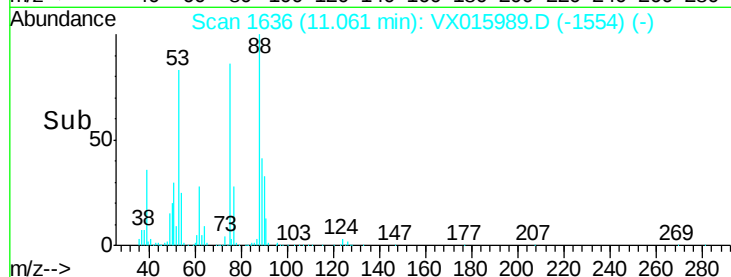
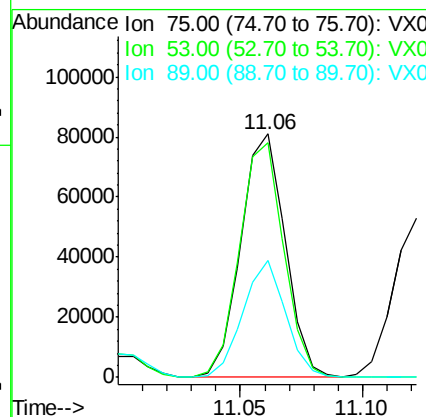
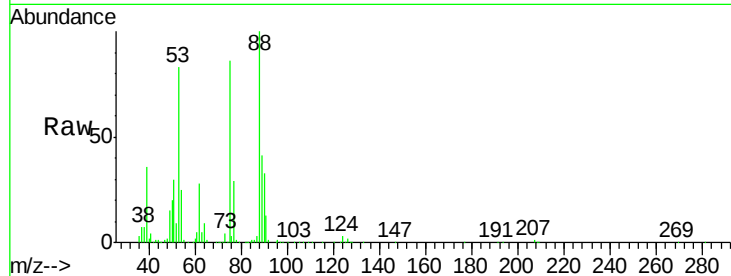
ClientSampleId :

VSTDIC050

Tot Ion:	75	Resp:	101916
Ion	Ratio	Lower	Upper
75	100		
53	96.3	48.0	144.2
89	47.9	23.4	70.3

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#78

4-Chlorotoluene

Concen: 52.922 ug/l

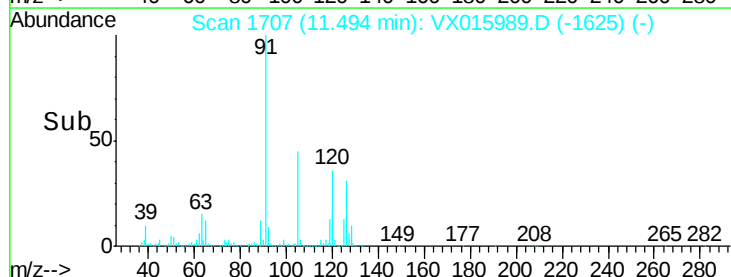
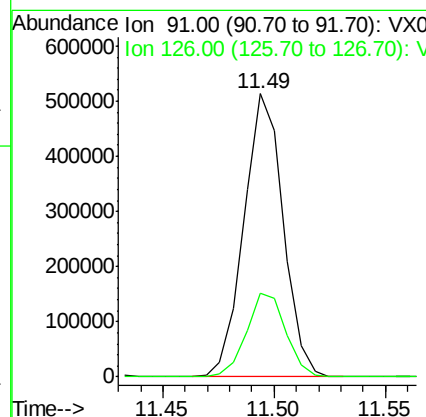
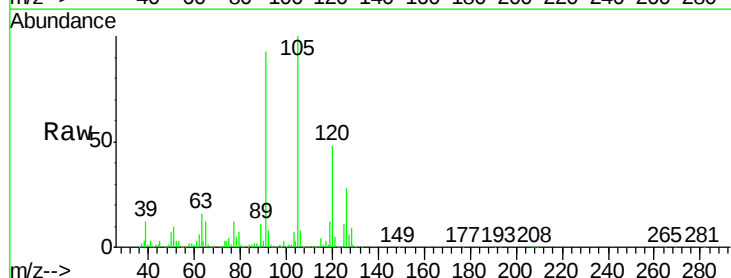
RT: 11.49 min Scan# 1707

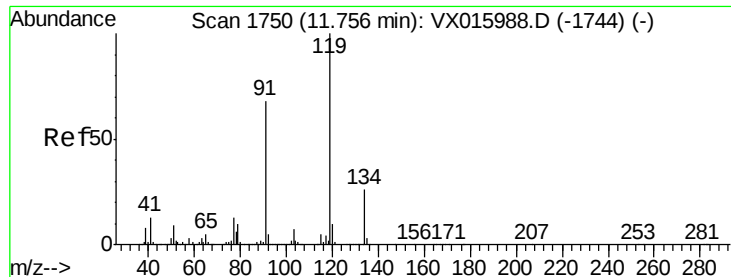
Delta R.T. 0.00 min

Lab File: VX015989.D

Acq: 30 Apr 2020 11:17

Tgt Ion:	91	Resp:	631830
Ion	Ratio	Lower	Upper
91	100		
126	29.7	0.0	58.4





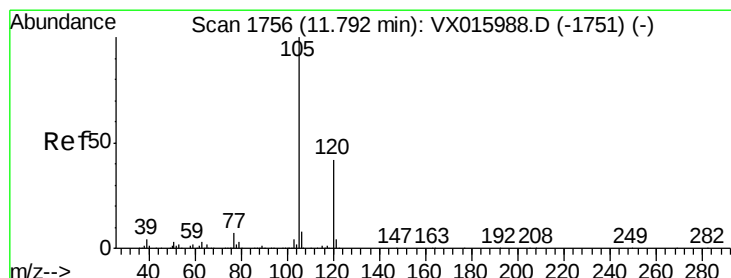
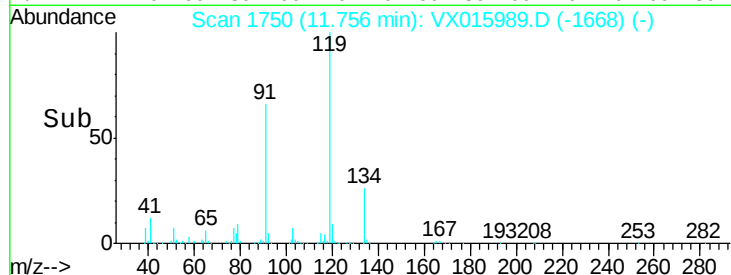
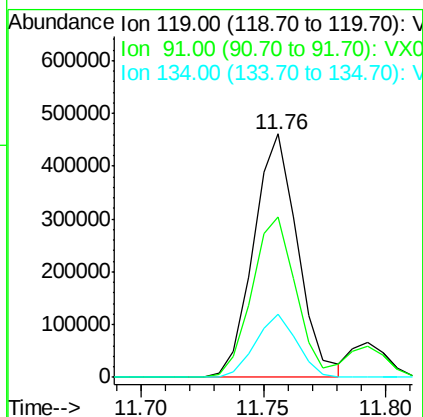
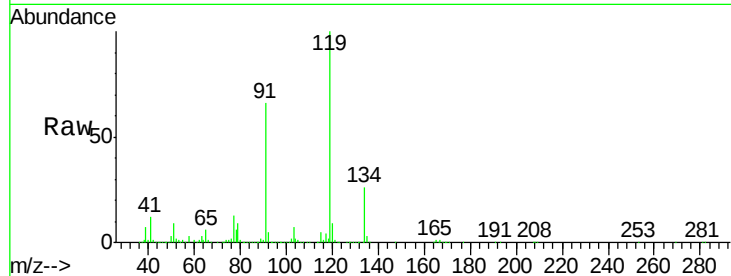
#79
tert-butylbenzene
Concen: 48.218 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX015989.D
Acq: 30 Apr 2020 11:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	575869		
91	65.5	0.0	135.6	
134	24.6	0.0	51.0	

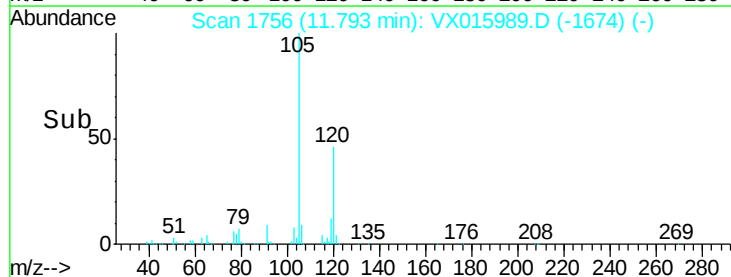
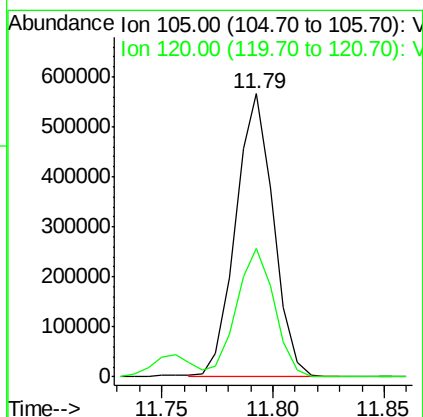
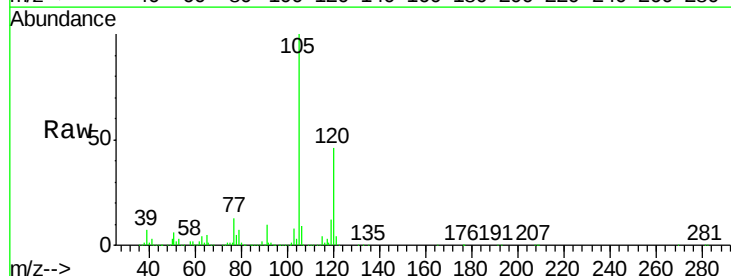
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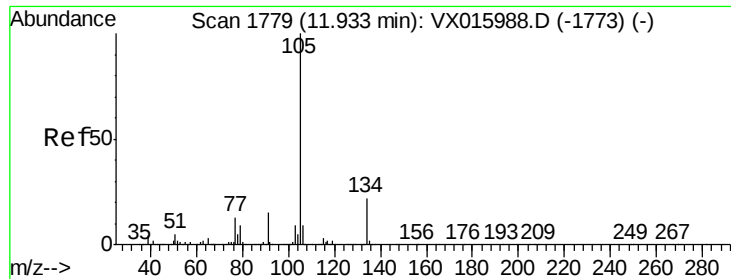
MMDadoda
5/4/2020 3:10:12 PM



#80
1,2,4-Trimethylbenzene
Concen: 52.362 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX015989.D
Acq: 30 Apr 2020 11:17

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	666531		
120	45.8	0.0	91.0	





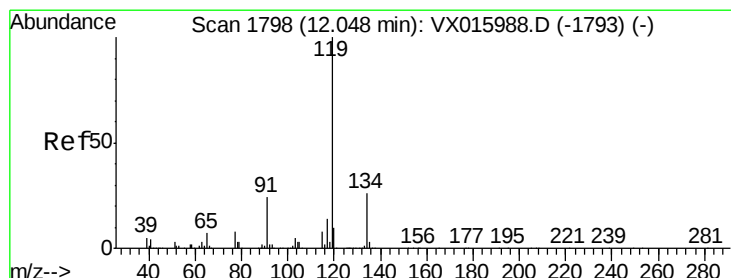
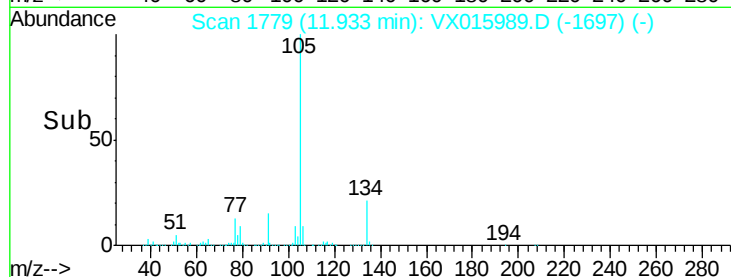
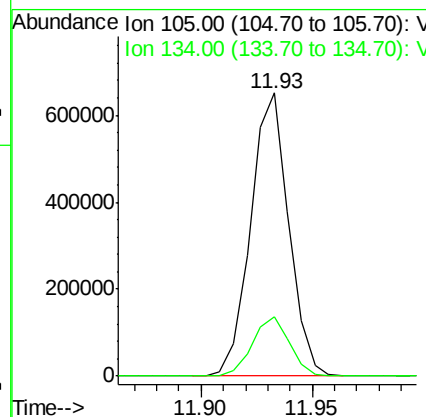
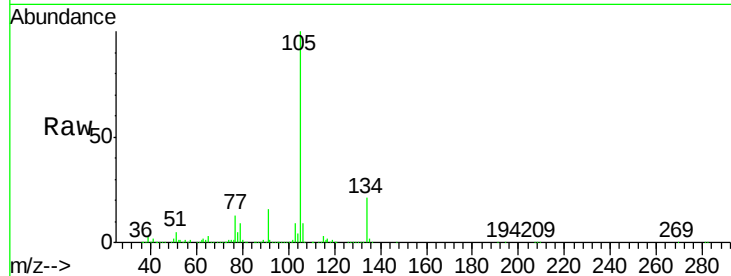
#81
 sec-Butylbenzene
 Concen: 53.404 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: VX015989.D
 Acq: 30 Apr 2020 11:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
105	100	776399		
134	20.5	0.0	41.2	

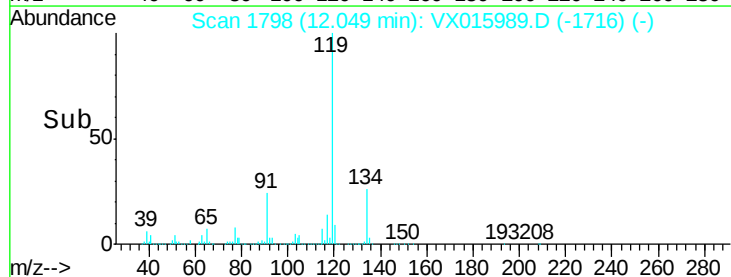
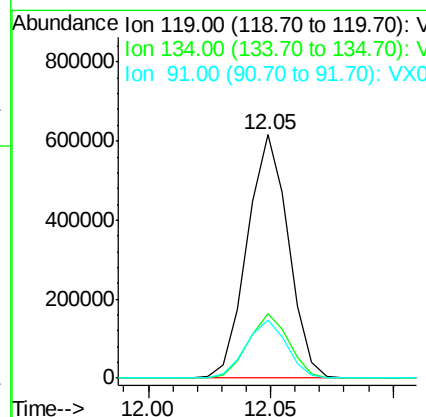
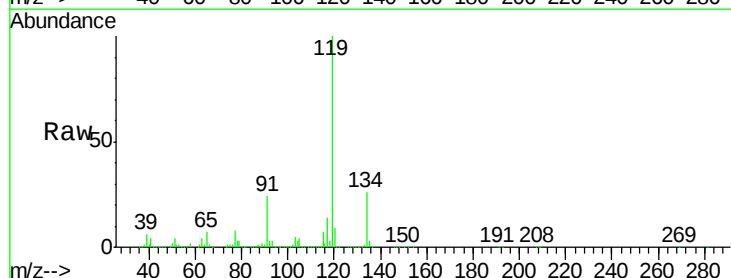
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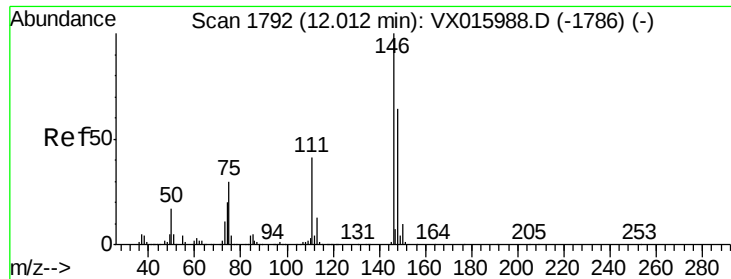
MMDadoda
 5/4/2020 3:10:12 PM



#82
 p-Isopropyltoluene
 Concen: 52.794 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX015989.D
 Acq: 30 Apr 2020 11:17

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	720240		
134	26.1	0.0	52.6	
91	23.5	0.0	47.6	





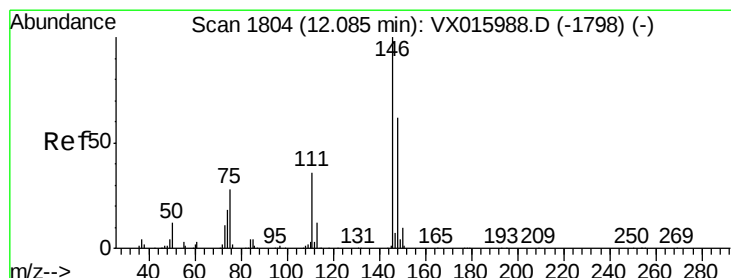
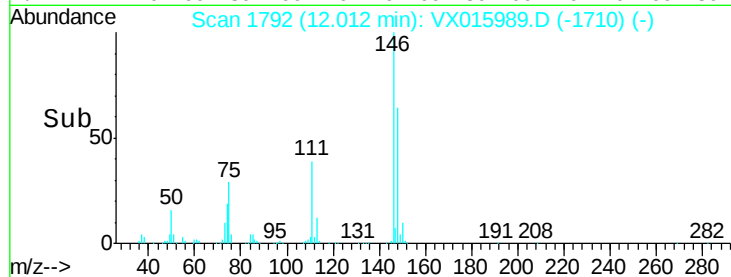
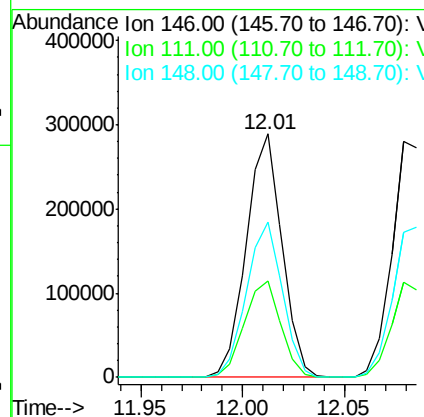
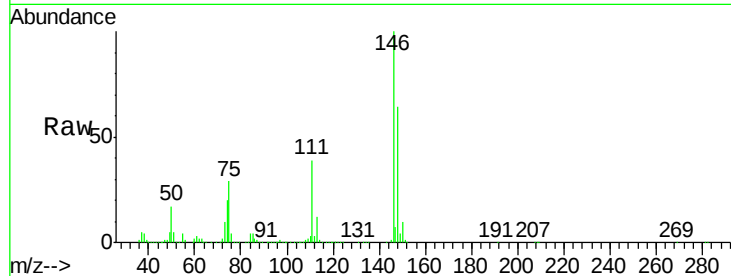
#83
 1,3-Dichlorobenzene
 Concen: 50.022 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX015989.D
 Acq: 30 Apr 2020 11:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.4	61.3
148	64.1	31.9	95.9

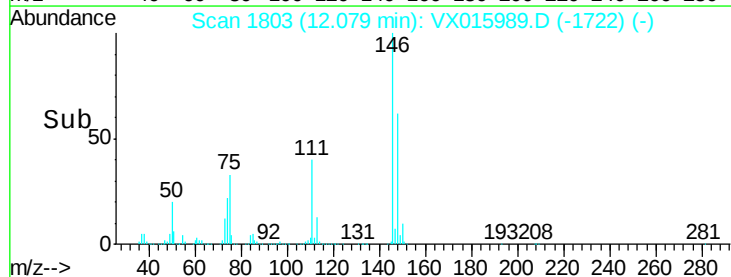
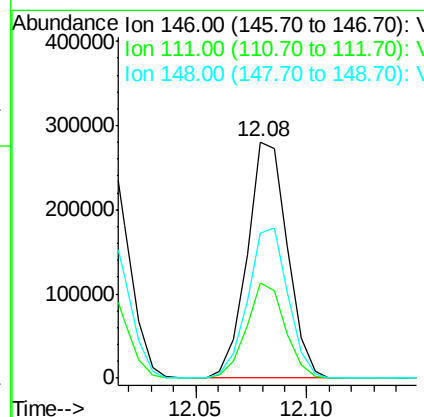
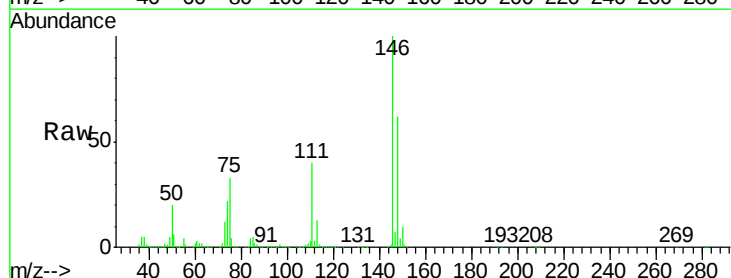
Manual Integrations
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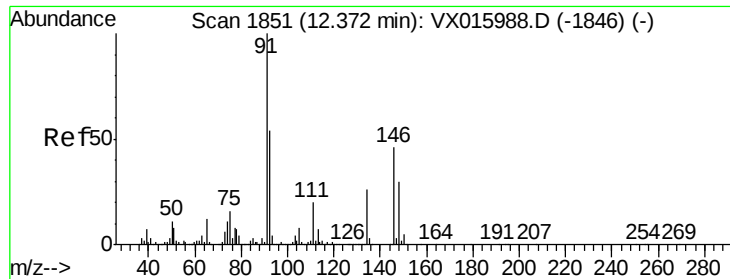
MMDadoda
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#84
 1,4-Dichlorobenzene
 Concen: 50.717 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: VX015989.D
 Acq: 30 Apr 2020 11:17

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.7	59.0
148	63.8	32.0	96.0





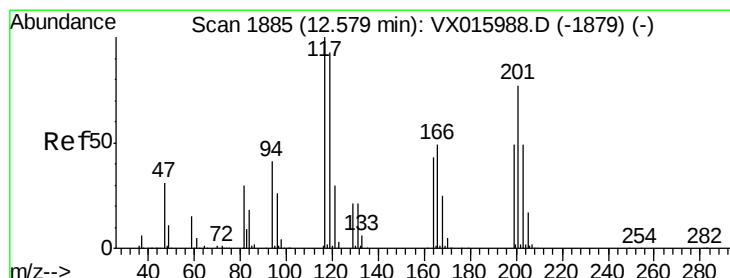
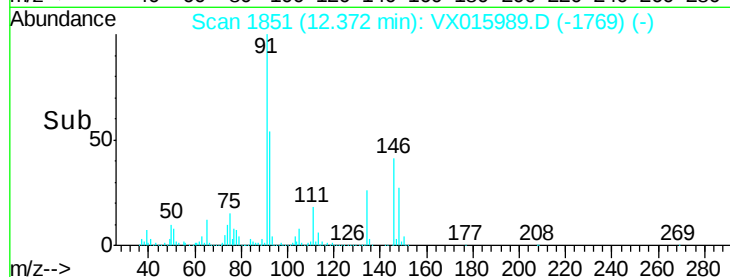
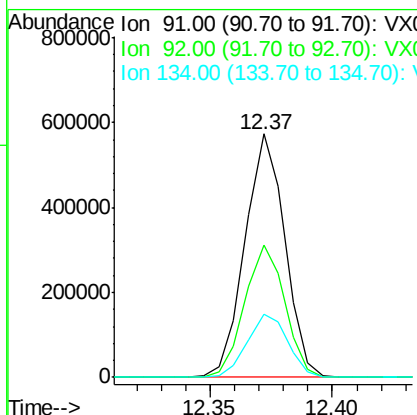
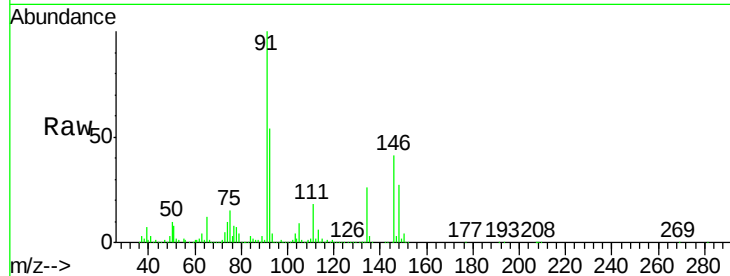
#85
n-Butylbenzene
Concen: 53.440 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX015989.D
Acq: 30 Apr 2020 11:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
91	100	652464		
92	54.7	0.0	110.2	
134	26.5	0.0	53.4	

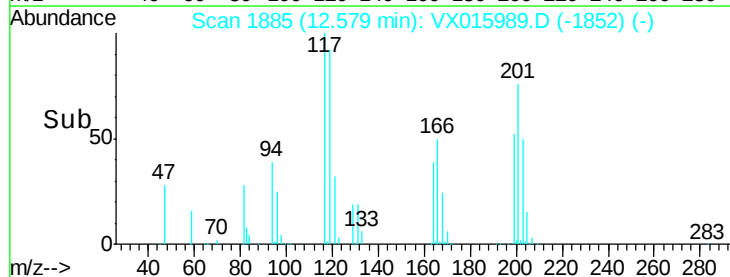
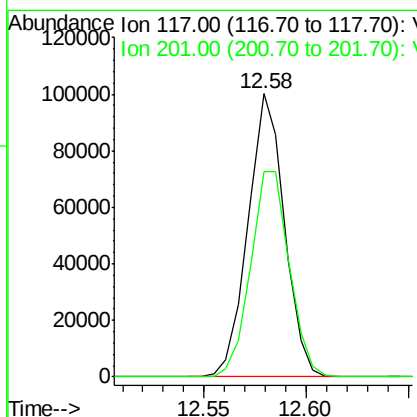
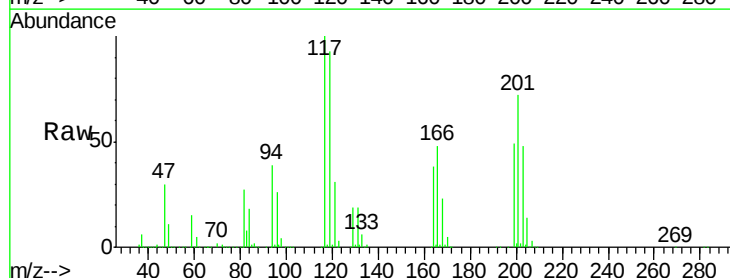
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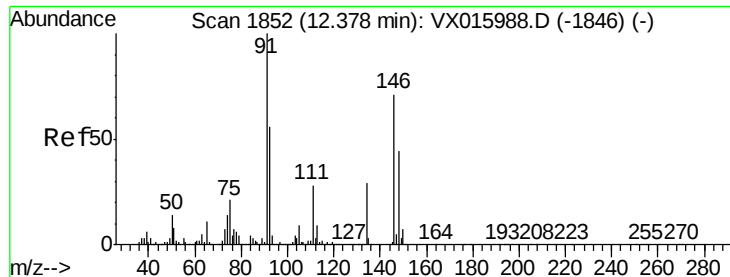
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#86
Hexachloroethane
Concen: 48.874 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX015989.D
Acq: 30 Apr 2020 11:17

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	124150		
201	77.5	40.1	120.2	





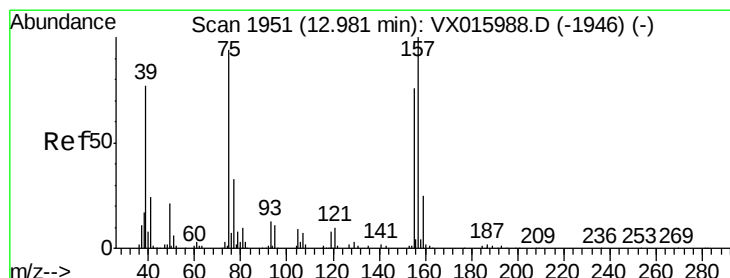
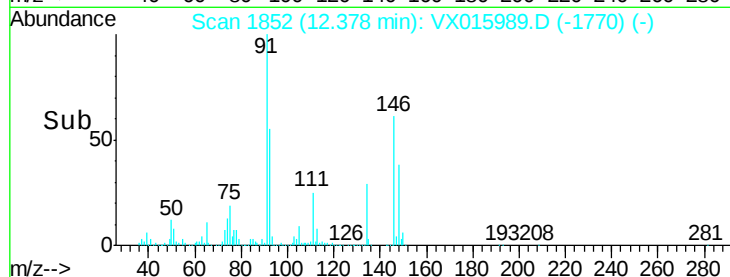
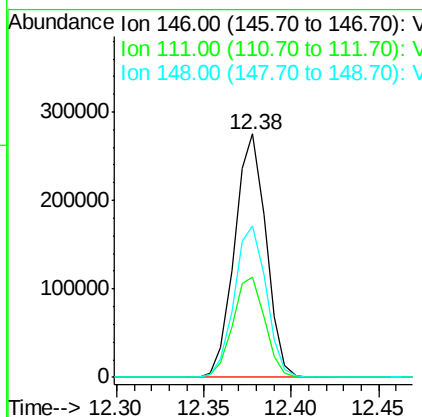
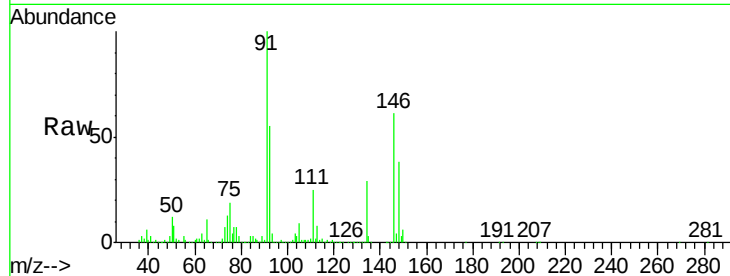
#87
 1,2-Dichlorobenzene
 Concen: 50.283 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX015989.D
 Acq: 30 Apr 2020 11:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	343205		
111	41.8	20.7	62.1	
148	63.1	32.0	96.2	

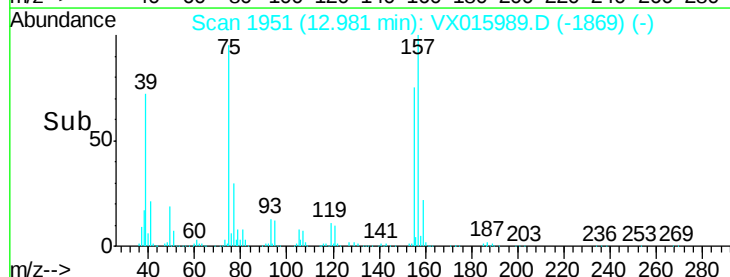
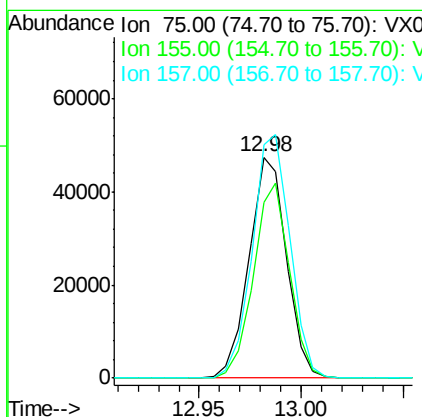
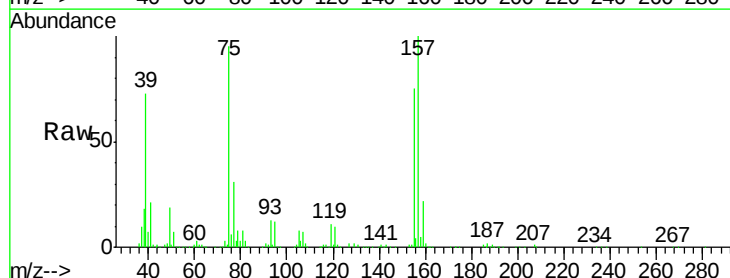
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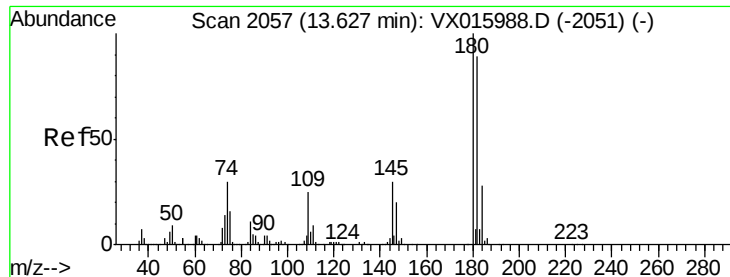
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 5/4/2020 3:10:12 PM



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 49.836 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX015989.D
 Acq: 30 Apr 2020 11:17

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	60572		
155	84.8	66.9	100.3	
157	111.4	88.2	132.2	





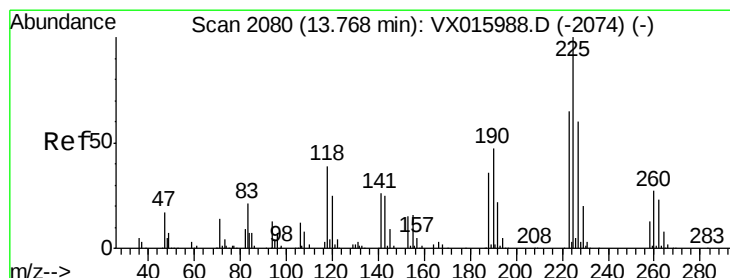
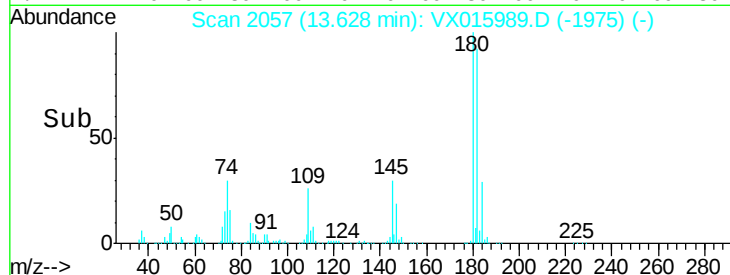
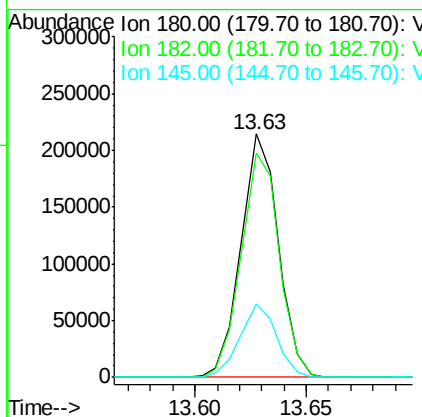
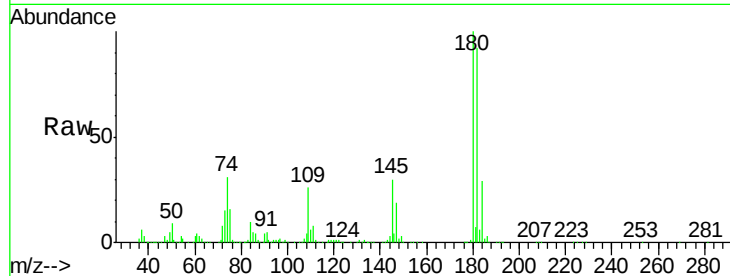
#89
 1,2,4-Trichlorobenzene
 Concen: 46.859 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX015989.D
 Acq: 30 Apr 2020 11:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	251143		
182	94.5	75.0	112.6	
145	30.0	23.9	35.9	

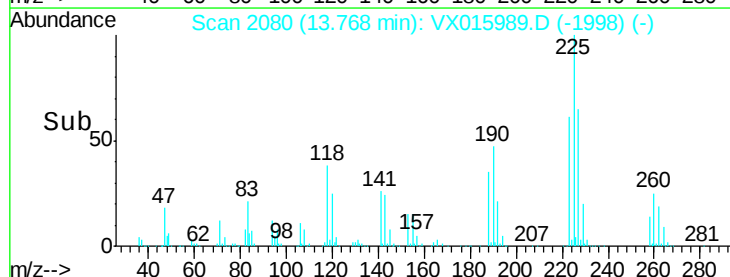
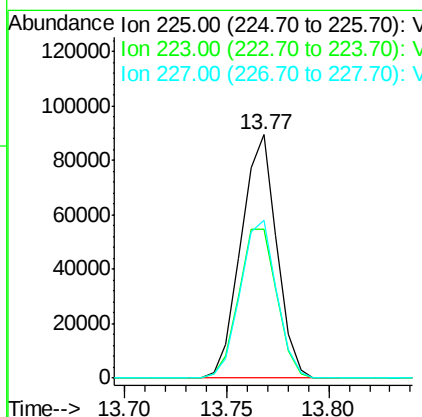
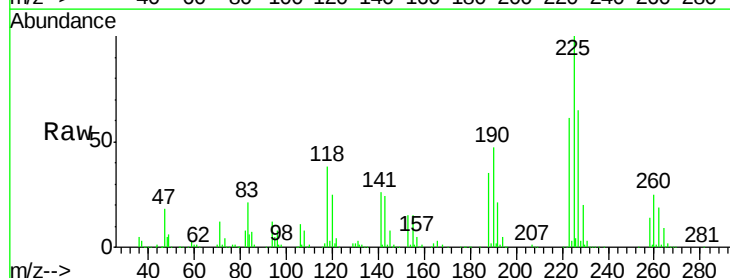
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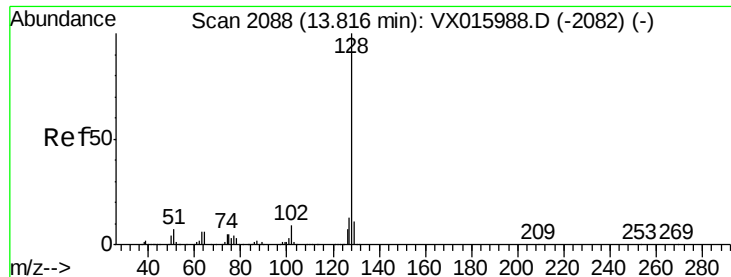
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#90
 Hexachlorobutadiene
 Concen: 40.279 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX015989.D
 Acq: 30 Apr 2020 11:17

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	108553		
223	65.3	0.0	123.6	
227	66.0	0.0	123.6	





#91

Naphthalene

Concen: 51.039 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX015989.D

Acq: 30 Apr 2020 11:17

Instrument :

MSVOA_X

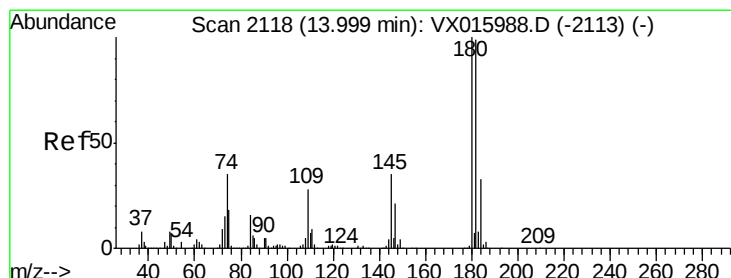
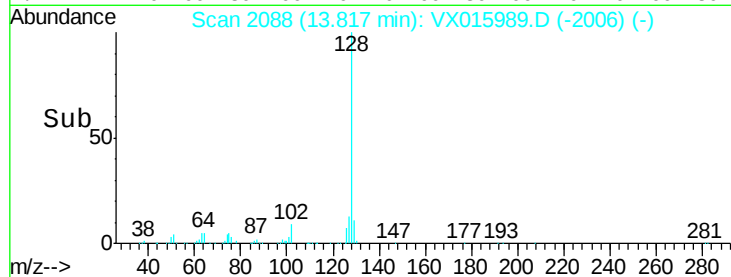
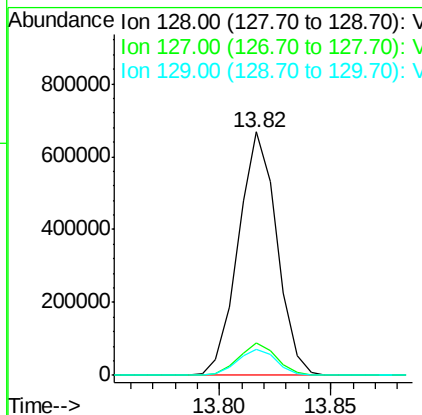
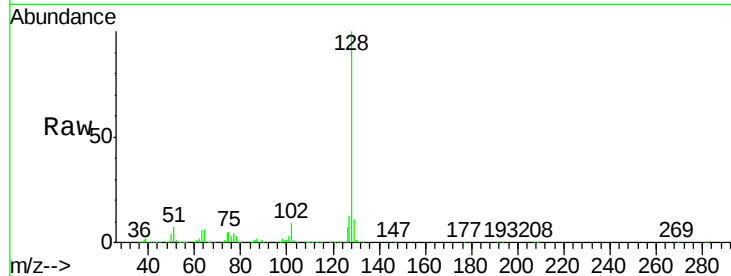
ClientSampleId :

VSTDIC050

Tot Ion:	128	Resp:	808159
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.5	15.7
129	10.7	8.6	13.0

Manual Integrations
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#92

1,2,3-Trichlorobenzene

Concen: 45.992 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. 0.01 min

Lab File: VX015989.D

Acq: 30 Apr 2020 11:17

Tgt Ion:	180	Resp:	240899
Ion Ratio	Lower	Upper	
180	100		
182	96.6	0.0	197.2
145	32.3	0.0	66.0

