

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042220\
 Data File : VX015839.D
 Acq On : 22 Apr 2020 14:16
 Operator : JC/SP
 Sample : VX0422WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0422WBS01

Manual Integrations
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 4/23/2020 11:58:25 AM

Quant Time: Apr 23 06:09:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 23 04:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	995182	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1432278	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1336154	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	707578	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	532427	47.04	ug/l	0.00
Spiked Amount			Recovery	=	94.08%	
35) Dibromofluoromethane	5.47	113	418190	50.58	ug/l	0.00
Spiked Amount			Recovery	=	101.16%	
50) Toluene-d8	8.70	98	1652067	49.64	ug/l	0.00
Spiked Amount			Recovery	=	99.28%	
62) 4-Bromofluorobenzene	11.12	95	655623	48.02	ug/l	0.00
Spiked Amount			Recovery	=	96.04%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	187930	22.061	ug/l	98
3) Chloromethane	1.31	50	168993	19.370	ug/l	97
4) Vinyl Chloride	1.39	62	190135	18.829	ug/l	98
5) Bromomethane	1.63	94	81896	24.180	ug/l	98
6) Chloroethane	1.72	64	111395	19.358	ug/l	97
7) Trichlorofluoromethane	1.92	101	250956	20.030	ug/l	99
8) Diethyl Ether	2.17	74	96390	18.971	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	165984	19.529	ug/l	97
10) Methyl Iodide	2.49	142	206930	19.707	ug/l	99
11) Tert butyl alcohol	3.01	59	214888	92.920	ug/l	98
12) 1,1-Dichloroethene	2.36	96	164114	18.828	ug/l	97
13) Acrolein	2.27	56	118838	86.846	ug/l	100
14) Allyl chloride	2.71	41	352525	19.032	ug/l	100
15) Acrylonitrile	3.12	53	511202	95.232	ug/l	99
16) Acetone	2.42	43	416929	84.596	ug/l	99
17) Carbon Disulfide	2.55	76	487966	15.415	ug/l	98
18) Methyl Acetate	2.75	43	296861	18.246	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	593181	19.277	ug/l	99
20) Methylene Chloride	2.84	84	189073	18.898	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	182735	18.895	ug/l	98
22) Diisopropyl ether	3.83	45	650049	19.471	ug/l	97
23) Vinyl Acetate	3.78	43	2672925	96.737	ug/l	99
24) 1,1-Dichloroethane	3.67	63	330324	18.983	ug/l	99
25) 2-Butanone	4.63	43	712875	91.513	ug/l	98
26) 2,2-Dichloropropane	4.55	77	302314	19.449	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	206437	18.802	ug/l	99
28) Bromochloromethane	4.98	49	175099	19.177	ug/l #	99
29) Tetrahydrofuran	5.09	42	481820	93.512	ug/l	99
30) Chloroform	5.18	83	329993	18.849	ug/l	98
31) Cyclohexane	5.54	56	327946	19.831	ug/l	92
32) 1,1,1-Trichloroethane	5.47	97	297299	19.046	ug/l	99
36) 1,1-Dichloropropene	5.77	75	258052	20.323	ug/l	99
37) Ethyl Acetate	4.80	43	296620	19.629	ug/l	99
38) Carbon Tetrachloride	5.76	117	254813	20.373	ug/l	96

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 Quant Title : SW846 8260
 QLast Update : Thu Apr 23 04:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	326749	20.321	ug/l	99
40) Benzene	6.12	78	758306	19.829	ug/l	100
41) Methacrylonitrile	5.00	41	164780	19.623	ug/l	99
42) 1,2-Dichloroethane	6.16	62	271239	19.696	ug/l	99
43) Isopropyl Acetate	6.41	43	498055	19.539	ug/l	99
44) Trichloroethene	7.19	130	261199	19.435	ug/l	90
45) 1,2-Dichloropropane	7.49	63	196913	19.648	ug/l	98
46) Dibromomethane	7.64	93	140656	19.226	ug/l	97
47) Bromodichloromethane	7.87	83	257565	19.790	ug/l	99
48) Methyl methacrylate	7.75	41	243691	19.435	ug/l	99
49) 1,4-Dioxane	7.72	88	86964	366.983	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	1466861	99.695	ug/l	100
52) Toluene	8.76	92	487057	19.870	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	321004	19.878	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	339220	19.875	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	191687	20.026	ug/l	98
56) Ethyl methacrylate	9.16	69	314209	19.380	ug/l	98
57) 1,3-Dichloropropane	9.36	76	329416	19.805	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.29	63	793637	97.988	ug/l	99
59) 2-Hexanone	9.47	43	1090619	97.300	ug/l	100
60) Dibromochloromethane	9.57	129	193704	19.596	ug/l	98
61) 1,2-Dibromoethane	9.65	107	201506	19.048	ug/l	99
64) Tetrachloroethene	9.32	164	357758	19.864	ug/l	92
65) Chlorobenzene	10.12	112	526052	19.688	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.20	131	198012	19.826	ug/l	99
67) Ethyl Benzene	10.23	91	936289	19.955	ug/l	99
68) m/p-Xylenes	10.34	106	731501	41.535	ug/l	97
69) o-Xylene	10.68	106	346264	19.980	ug/l	99
70) Styrene	10.70	104	601988	20.061	ug/l	100
71) Bromoform	10.84	173	130854	20.106	ug/l #	98
73) Isopropylbenzene	11.00	105	929886	20.693	ug/l	99
74) N-amyl acetate	10.88	43	457608	19.725	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	185289	19.483	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	270248m	20.085	ug/l	
77) Bromobenzene	11.24	156	245252	19.974	ug/l	98
78) n-propylbenzene	11.34	91	1061732	20.625	ug/l	99
79) 2-Chlorotoluene	11.40	91	631531	20.423	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	799758	20.872	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	107430	19.206	ug/l #	89
82) 4-Chlorotoluene	11.50	91	749541	20.398	ug/l	100
83) tert-Butylbenzene	11.76	119	684849	20.149	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	808840	20.332	ug/l	99
85) sec-Butylbenzene	11.93	105	912548	20.367	ug/l	100
86) p-Isopropyltoluene	12.05	119	868673	20.734	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	449895	19.961	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	450253	19.956	ug/l	97
89) n-Butylbenzene	12.37	91	754631	20.145	ug/l	99
90) Hexachloroethane	12.58	117	99574	22.497	ug/l	97
91) 1,2-Dichlorobenzene	12.37	146	424825	19.873	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	55104	19.538	ug/l	97

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ClientSampleId :
VX0422WBS01

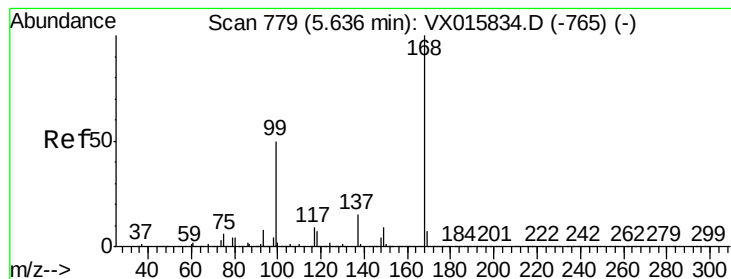
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Quant Title : SW846 8260
QLast Update : Thu Apr 23 04:36:12 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	335206	19.901	ug/l	98
94) Hexachlorobutadiene	13.77	225	156893	20.775	ug/l	98
95) Naphthalene	13.82	128	959456	19.799	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	326663	19.878	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 778

Delta R.T. -0.01 min

Lab File: VX015839.D

Acq: 22 Apr 2020 14:16

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBS01

Tot Ion:168 Resp: 995182

Ion Ratio Lower Upper

168 100

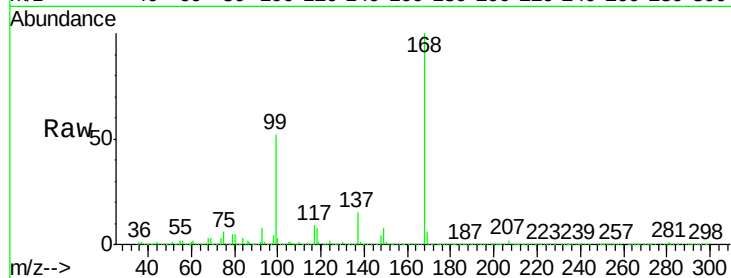
99 51.5 40.3 60.5

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

400000

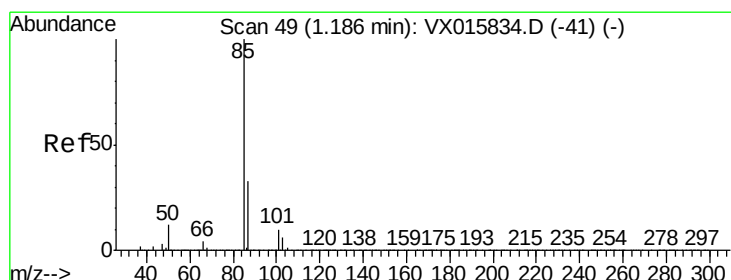
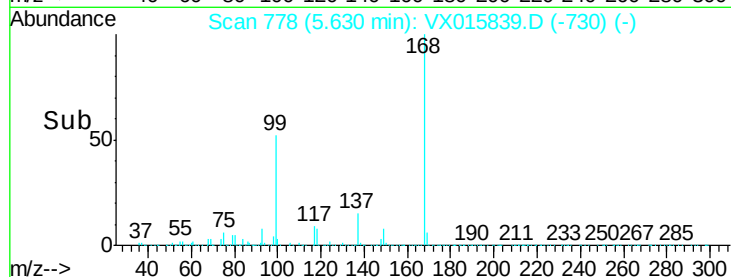
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 22.061 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX015839.D

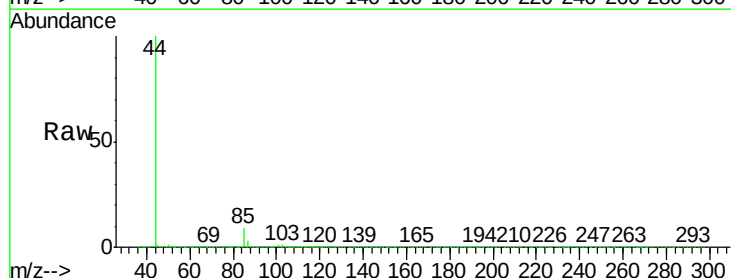
Acq: 22 Apr 2020 14:16

Tgt Ion: 85 Resp: 187930

Ion Ratio Lower Upper

85 100

87 31.7 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

250000

200000

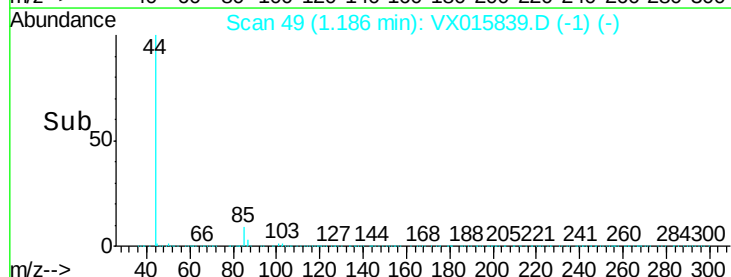
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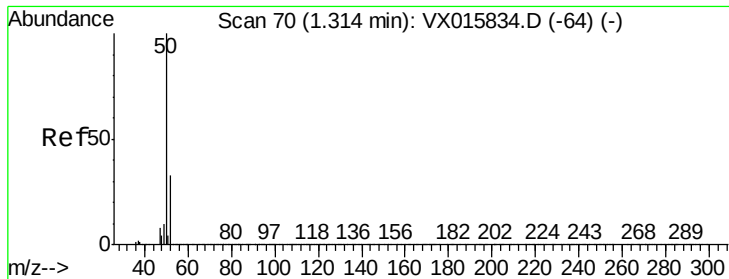
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50000

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Time-->





#3

Chloromethane

Concen: 19.370 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX015839.D

Acq: 22 Apr 2020 14:16

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBS01

Tot Ion: 50 Resp: 168993

Ion Ratio Lower Upper

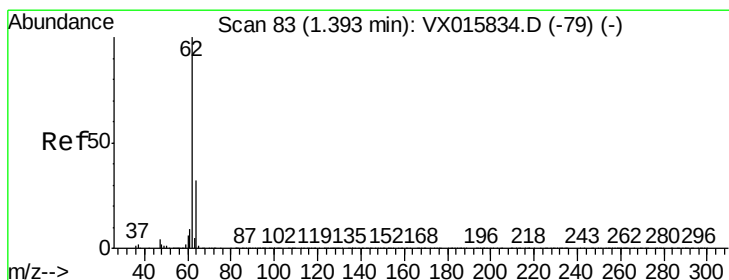
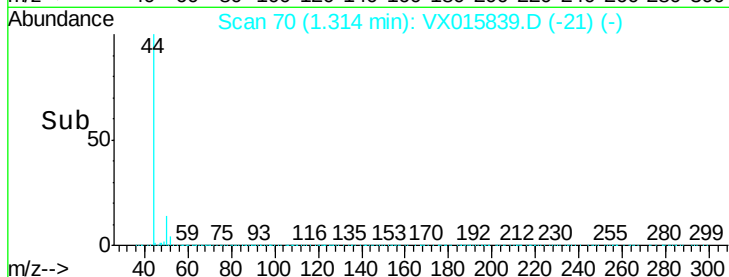
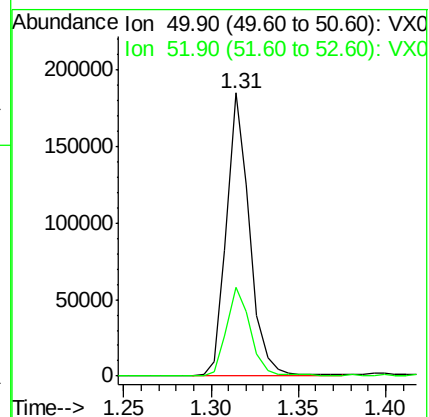
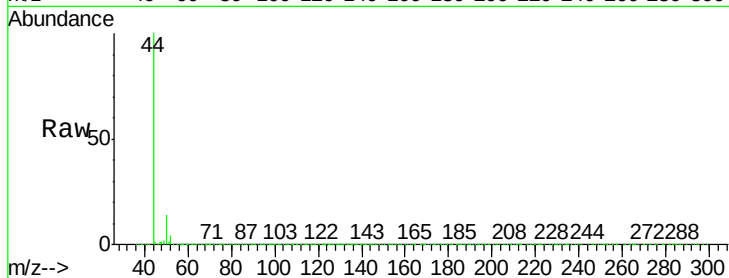
50 100

52 31.3 26.2 39.4

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#4

Vinyl Chloride

Concen: 18.829 ug/l

RT: 1.39 min Scan# 83

Delta R.T. 0.00 min

Lab File: VX015839.D

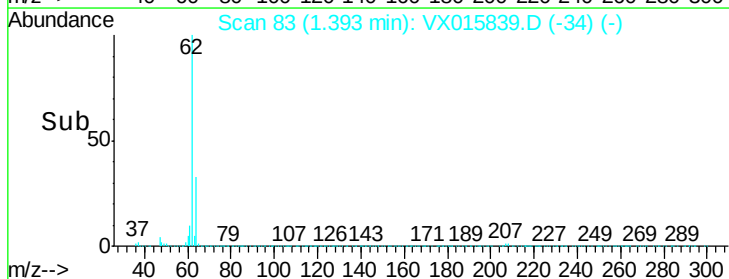
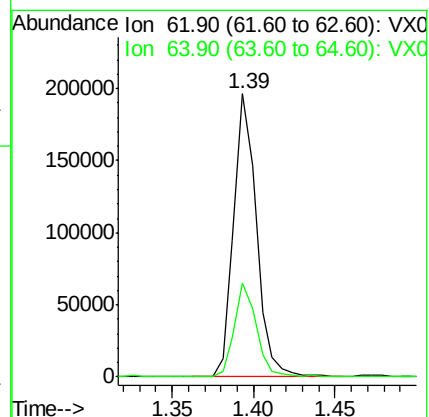
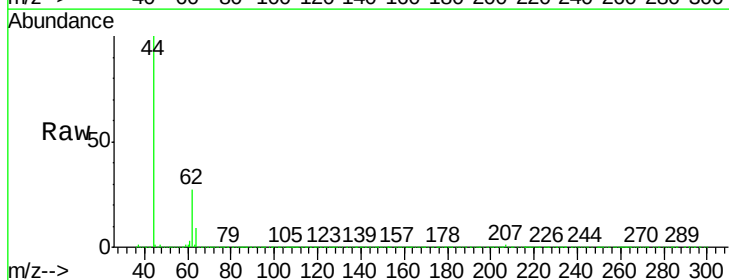
Acq: 22 Apr 2020 14:16

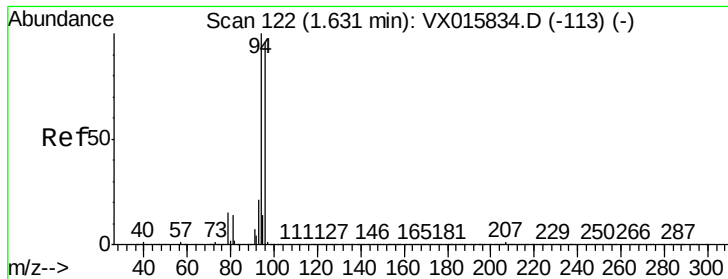
Tgt Ion: 62 Resp: 190135

Ion Ratio Lower Upper

62 100

64 33.0 25.4 38.2





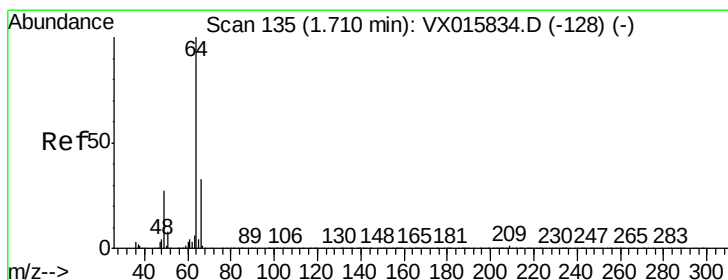
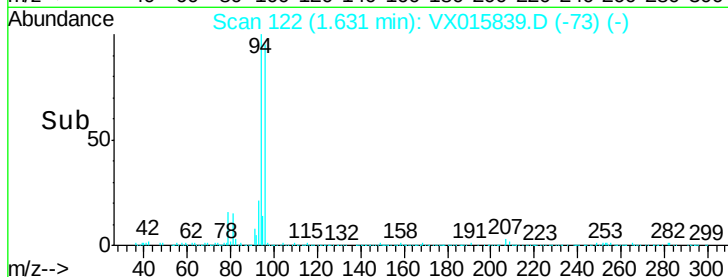
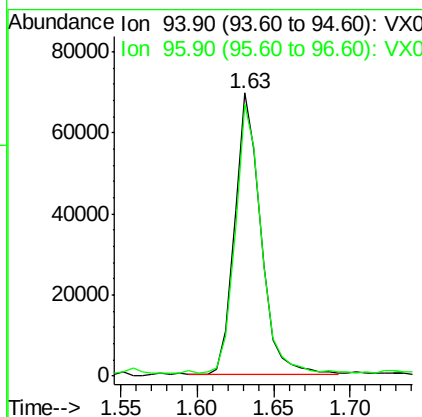
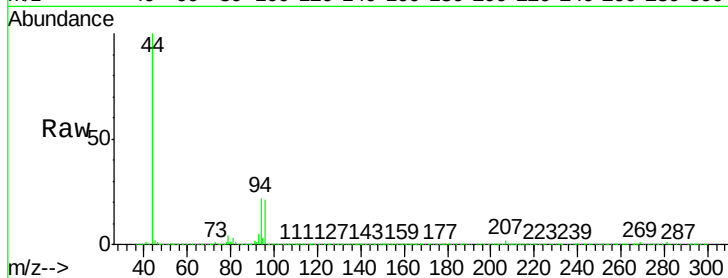
#5
Bromomethane
Concen: 24.180 ug/l
RT: 1.63 min Scan# 122
Delta R.T. 0.00 min
Lab File: VX015839.D
Acq: 22 Apr 2020 14:16

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBS01

Tot Ion: 94 Resp: 81896
Ion Ratio Lower Upper
94 100
96 94.4 76.7 115.1

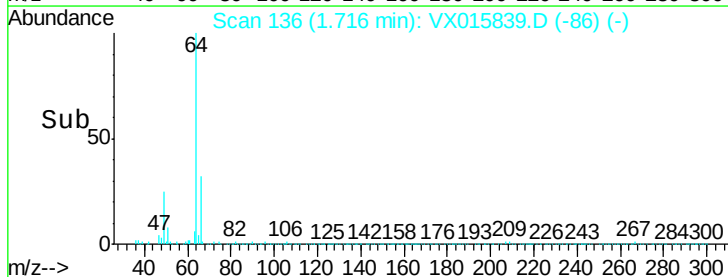
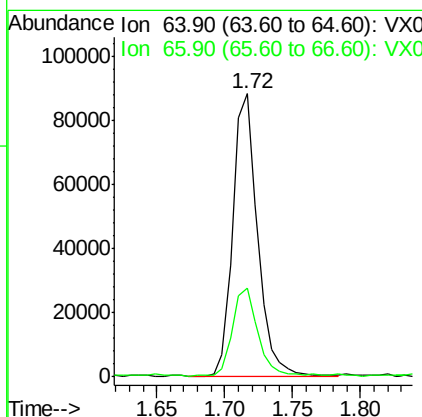
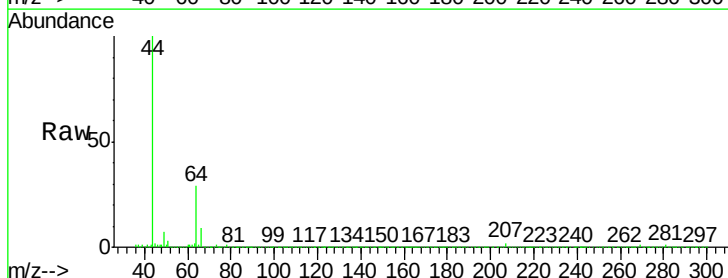
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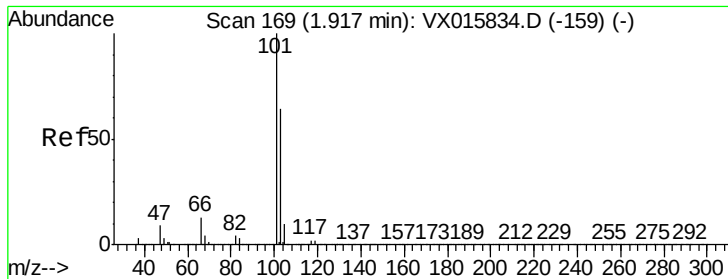
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#6
Chloroethane
Concen: 19.358 ug/l
RT: 1.72 min Scan# 136
Delta R.T. 0.01 min
Lab File: VX015839.D
Acq: 22 Apr 2020 14:16

Tgt Ion: 64 Resp: 111395
Ion Ratio Lower Upper
64 100
66 30.9 26.2 39.2





#7

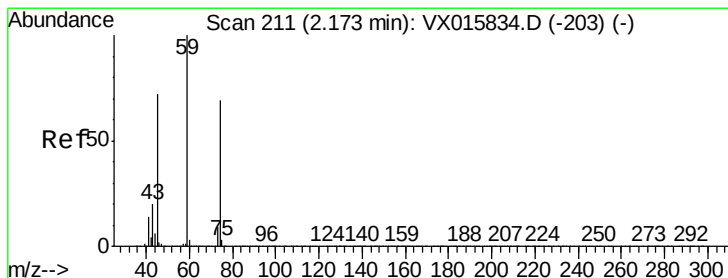
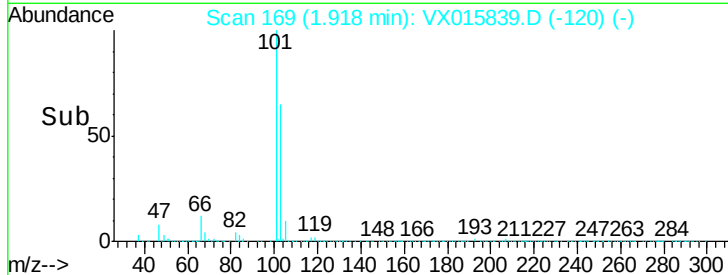
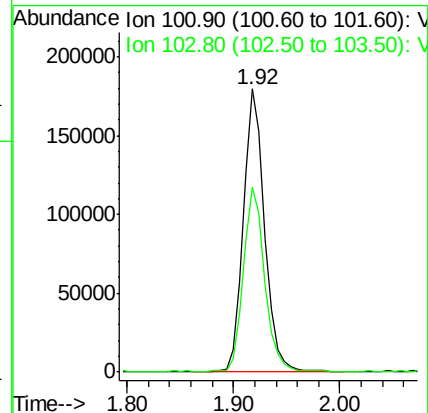
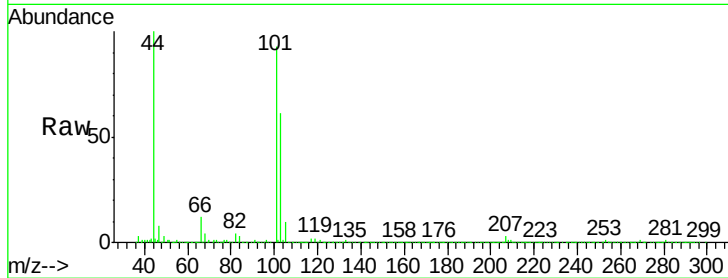
Trichlorofluoromethane
Concen: 20.030 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX015839.D
Acq: 22 Apr 2020 14:16

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBS01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	250956		
103	65.0		51.4	77.0

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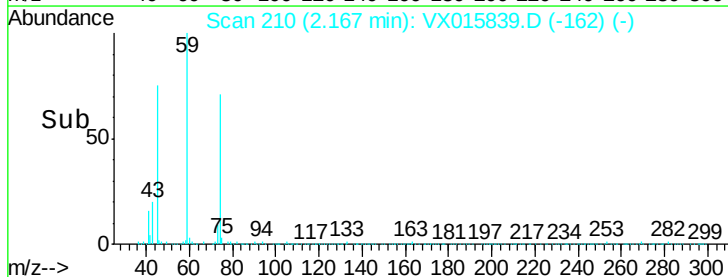
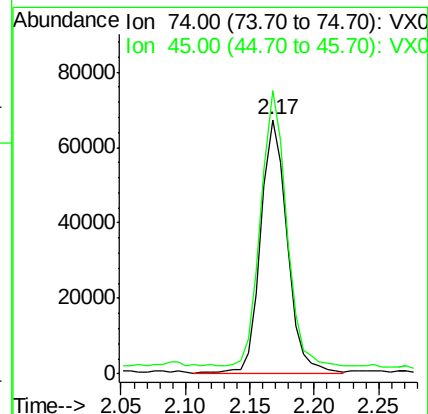
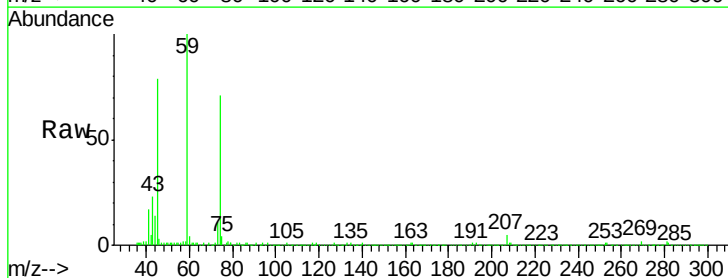
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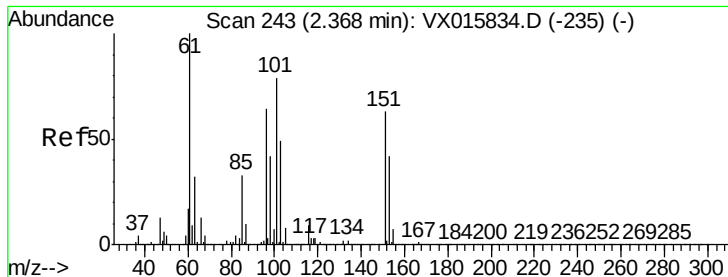


#8

Diethyl Ether
Concen: 18.971 ug/l
RT: 2.17 min Scan# 210
Delta R.T. -0.01 min
Lab File: VX015839.D
Acq: 22 Apr 2020 14:16

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	96390		
45	103.9		53.8	161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.529 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX015839.D

Acq: 22 Apr 2020 14:16

Instrument :

MSVOA_X

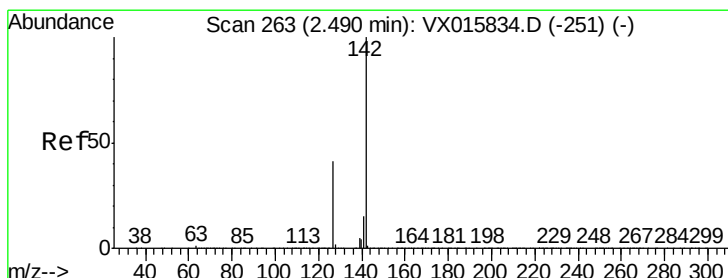
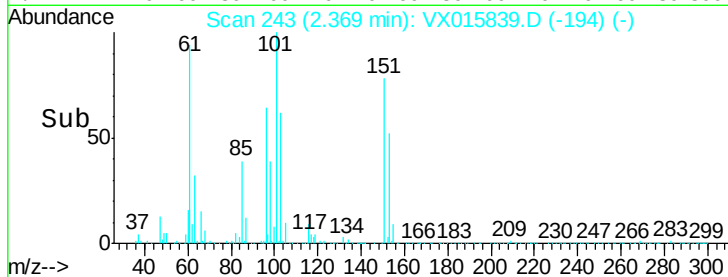
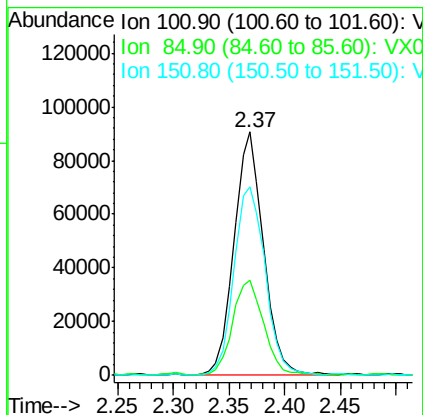
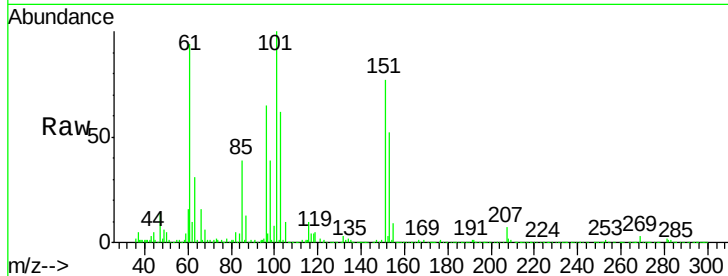
ClientSampleId :

VX0422WBS01

Tot Ion:	101	Resp:	165984
Ion Ratio	Lower	Upper	
101	100		
85	40.6	33.8	50.6
151	81.9	67.8	101.6

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#10

Methyl Iodide

Concen: 19.707 ug/l

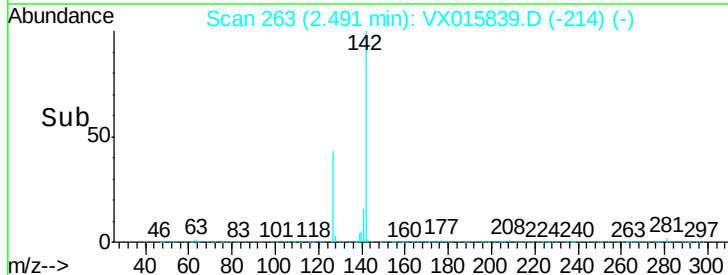
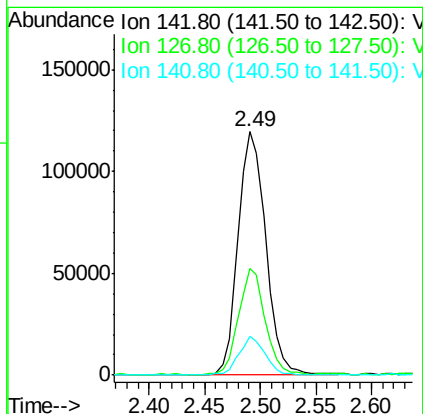
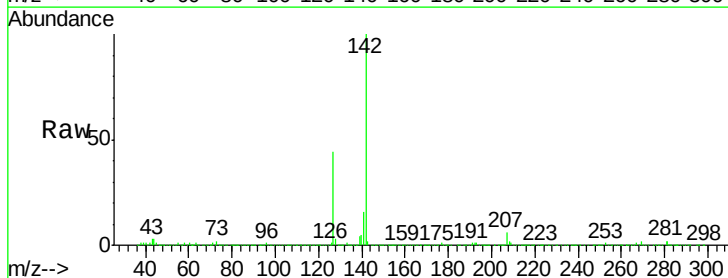
RT: 2.49 min Scan# 263

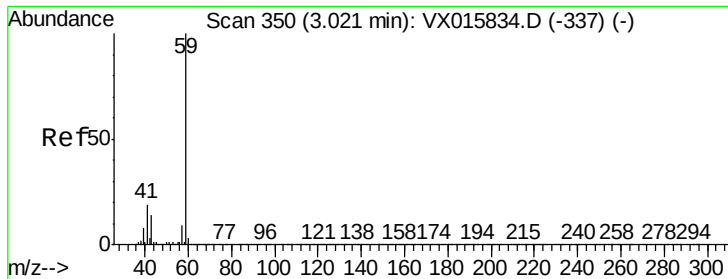
Delta R.T. 0.00 min

Lab File: VX015839.D

Acq: 22 Apr 2020 14:16

Tgt Ion:	142	Resp:	206930
Ion Ratio	Lower	Upper	
142	100		
127	41.3	33.3	49.9
141	15.1	11.8	17.6





#11

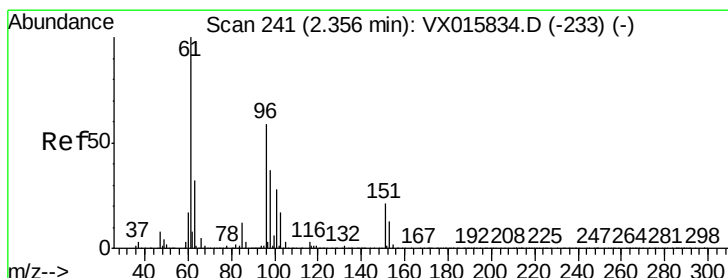
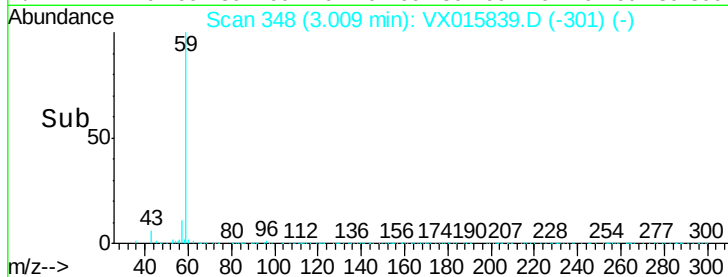
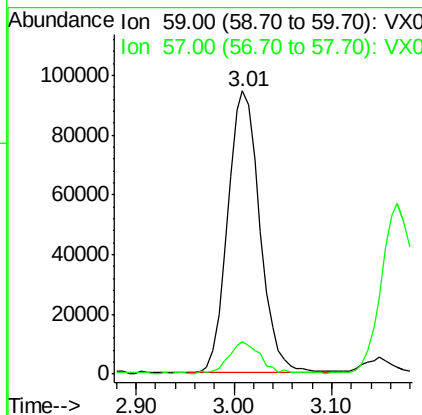
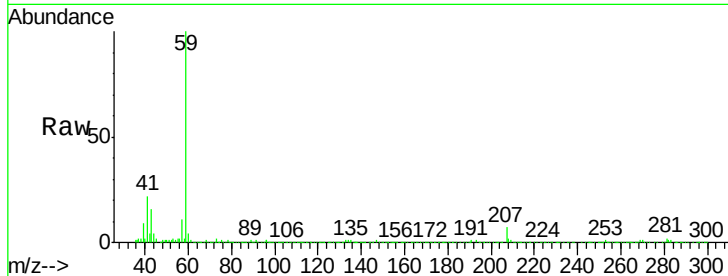
Tert butyl alcohol
Concen: 92.920 ug/l
RT: 3.01 min Scan# 348
Delta R.T. -0.01 min
Lab File: VX015839.D
Acq: 22 Apr 2020 14:16

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.9	8.2	12.2

Manual Integrations
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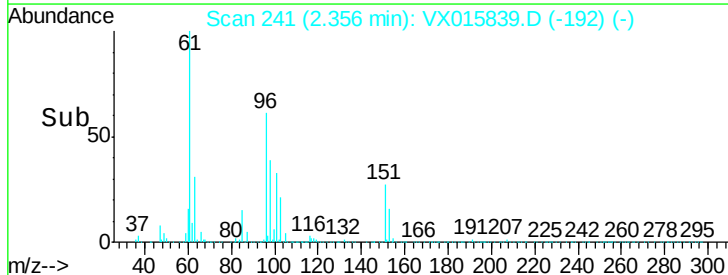
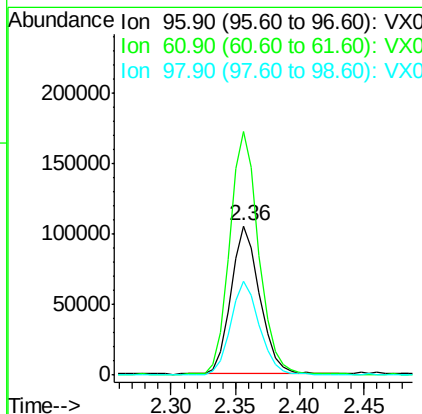
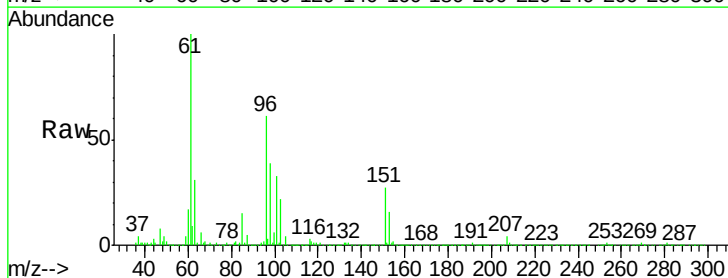
MMDadoda
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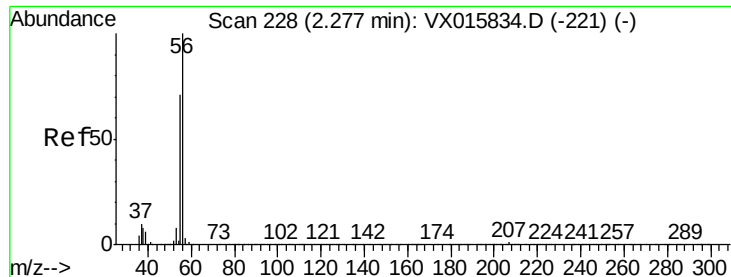


#12

1,1-Dichloroethene
Concen: 18.828 ug/l
RT: 2.36 min Scan# 241
Delta R.T. 0.00 min
Lab File: VX015839.D
Acq: 22 Apr 2020 14:16

Tgt Ion	Ratio	Lower	Upper
96	100		
61	163.5	135.0	202.6
98	63.4	50.6	76.0





#13

Acrolein

Concen: 86.846 ug/l

RT: 2.27 min Scan# 227

Delta R.T. -0.01 min

Lab File: VX015839.D

Acq: 22 Apr 2020 14:16

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBS01

Tot Ion: 56 Resp: 118838

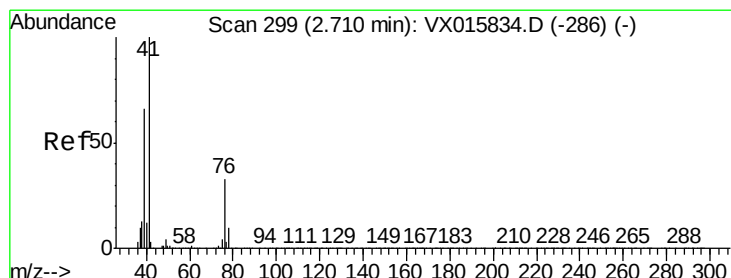
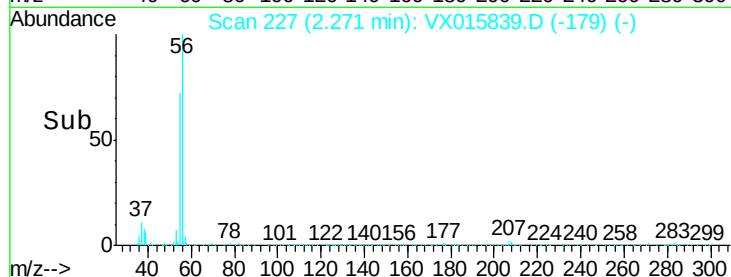
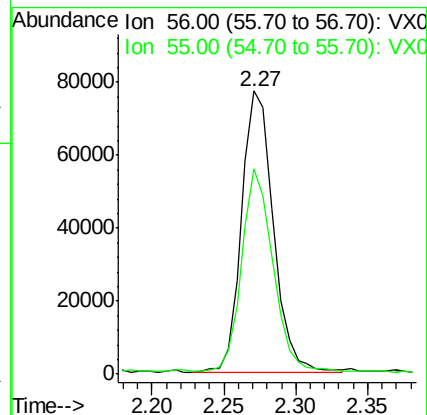
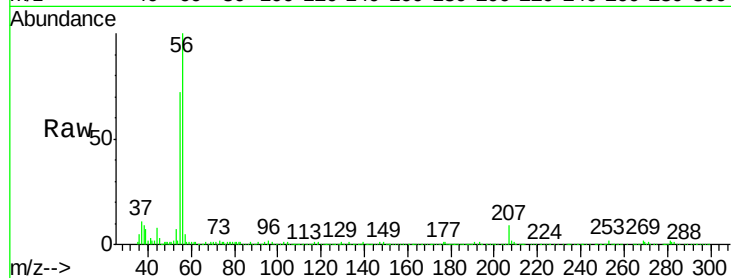
Ion Ratio Lower Upper

56 100

55 70.2 56.1 84.1

Manual Integrations
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#14

Allyl chloride

Concen: 19.032 ug/l

RT: 2.71 min Scan# 299

Delta R.T. 0.00 min

Lab File: VX015839.D

Acq: 22 Apr 2020 14:16

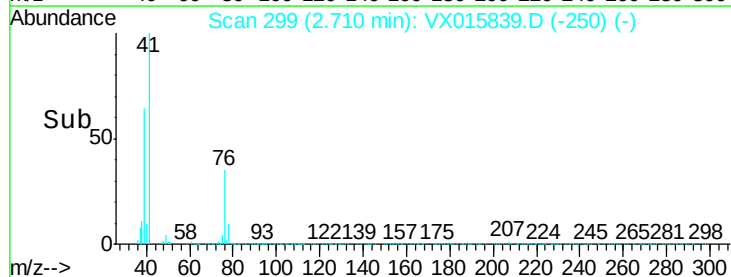
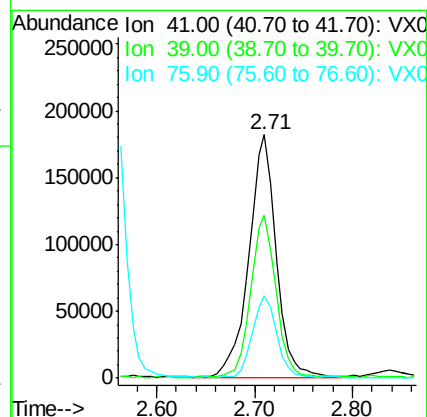
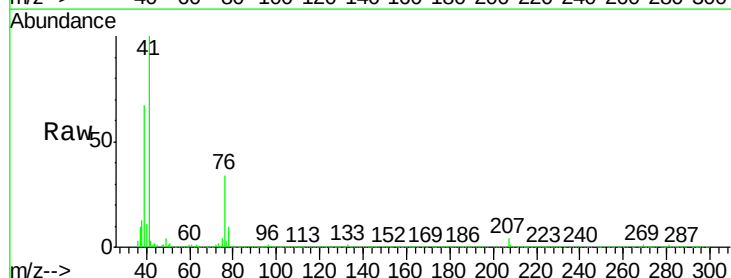
Tgt Ion: 41 Resp: 352525

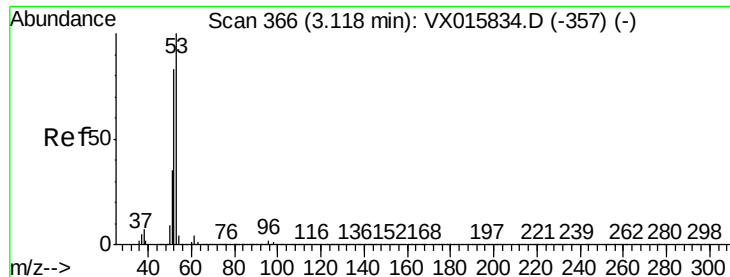
Ion Ratio Lower Upper

41 100

39 60.9 48.4 72.6

76 29.6 23.8 35.8





#15

Acrylonitrile

Concen: 95.232 ug/l

RT: 3.12 min Scan# 366

Delta R.T. 0.00 min

Lab File: VX015839.D

Acq: 22 Apr 2020 14:16

Instrument :

MSVOA_X

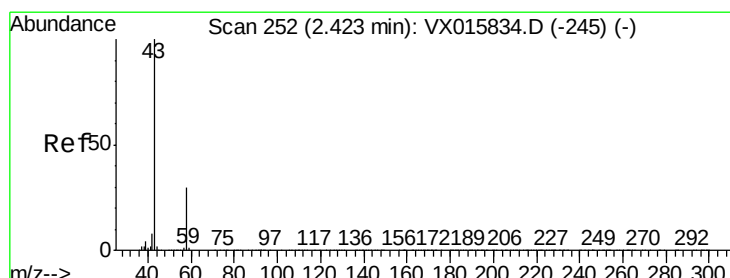
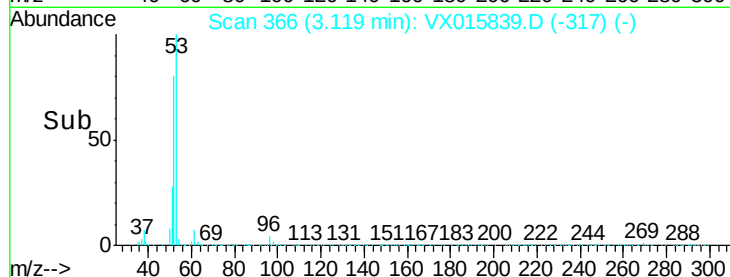
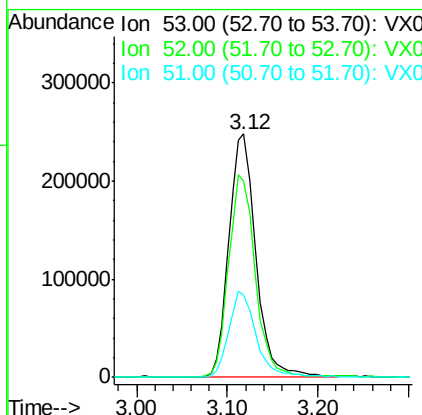
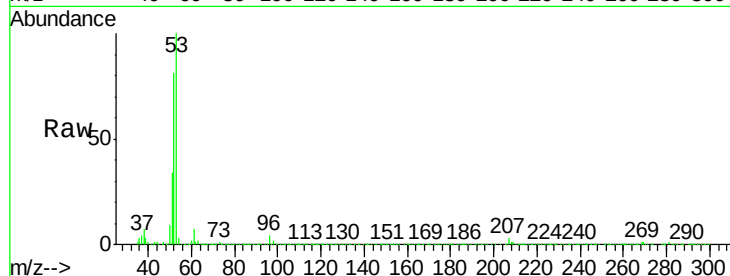
ClientSampleId :

VX0422WBS01

Tot Ion:	53	Resp:	511202
Ion Ratio	Lower	Upper	
53	100		
52	82.3	66.2	99.4
51	35.5	28.6	43.0

Manual Integrations
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#16

Acetone

Concen: 84.596 ug/l

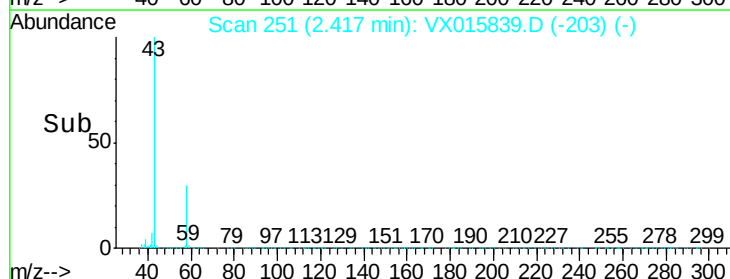
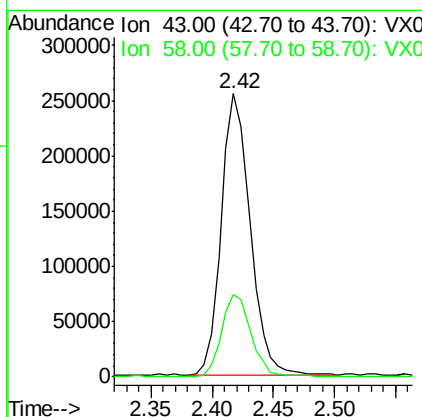
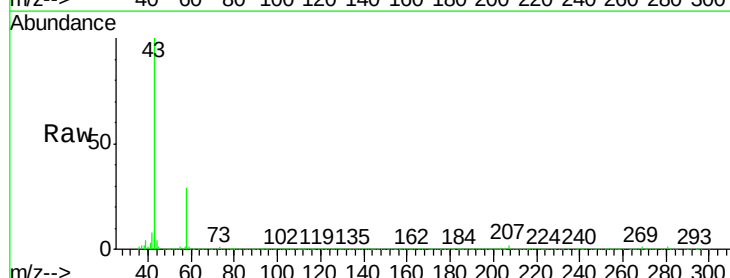
RT: 2.42 min Scan# 251

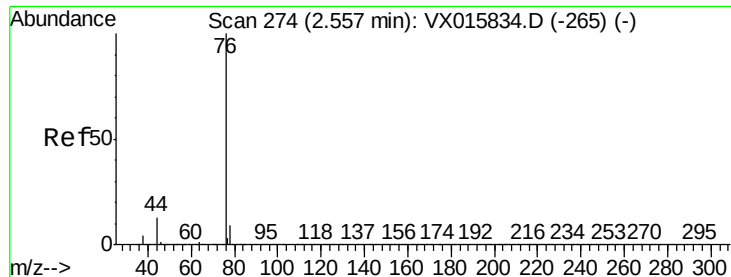
Delta R.T. -0.01 min

Lab File: VX015839.D

Acq: 22 Apr 2020 14:16

Tgt Ion:	43	Resp:	416929
Ion Ratio	Lower	Upper	
43	100		
58	29.3	24.0	36.0





#17

Carbon Disulfide

Concen: 15.415 ug/l

RT: 2.55 min Scan# 273

Delta R.T. -0.01 min

Lab File: VX015839.D

Acq: 22 Apr 2020 14:16

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBS01

Tot Ion: 76 Resp: 487966

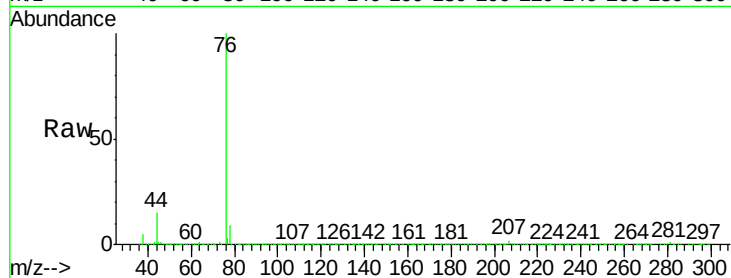
Ion Ratio Lower Upper

76 100

78 8.7 7.4 11.2

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.55

300000

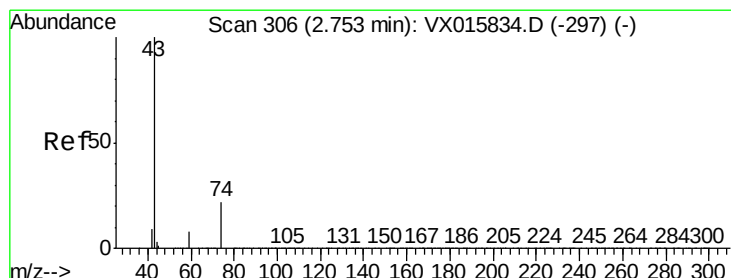
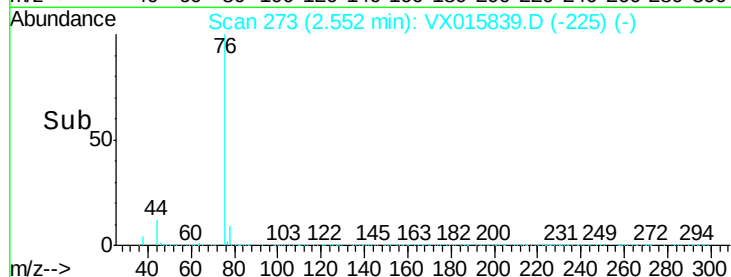
200000

100000

0

2.50 2.60 2.70

Time-->



#18

Methyl Acetate

Concen: 18.246 ug/l

RT: 2.75 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX015839.D

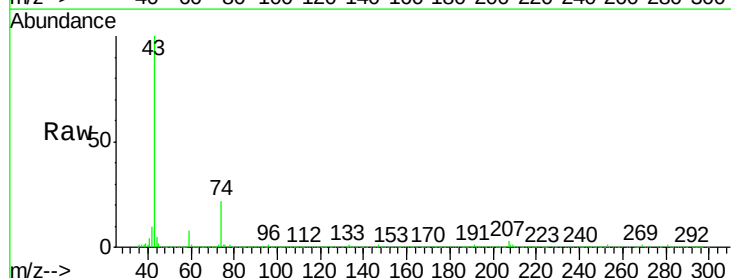
Acq: 22 Apr 2020 14:16

Tgt Ion: 43 Resp: 296861

Ion Ratio Lower Upper

43 100

74 22.1 17.9 26.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.75

150000

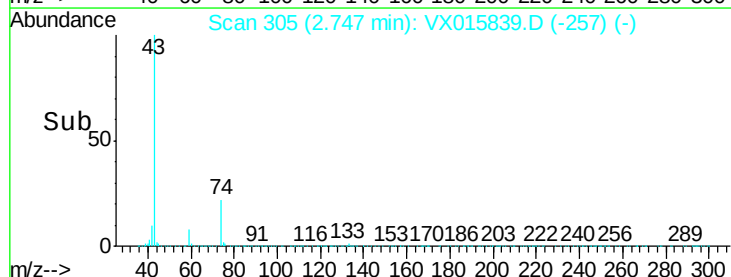
100000

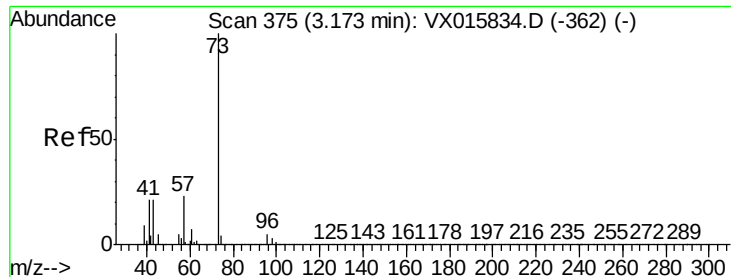
50000

0

2.70 2.80

Time-->





#19

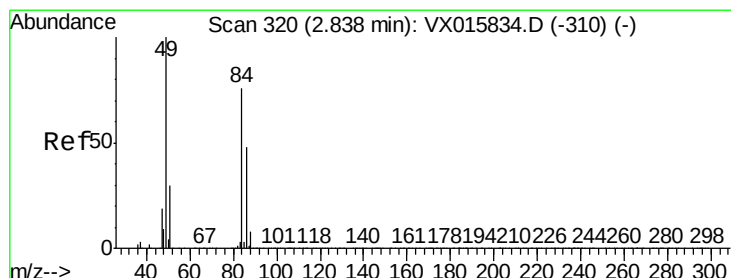
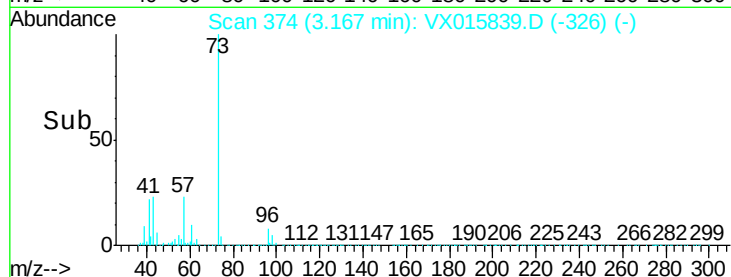
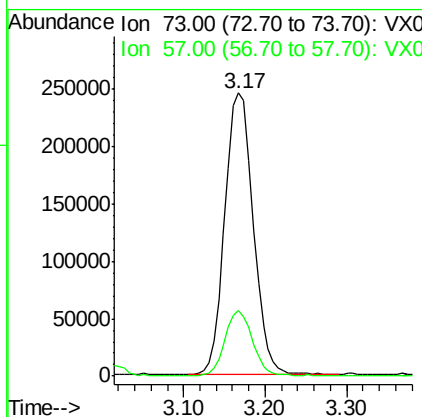
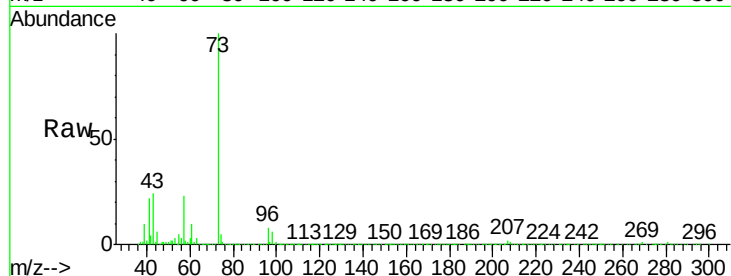
Methyl tert-butyl Ether
 Concen: 19.277 ug/l
 RT: 3.17 min Scan# 374
 Delta R.T. -0.01 min
 Lab File: VX015839.D
 Acq: 22 Apr 2020 14:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0422WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.1	18.1	27.1

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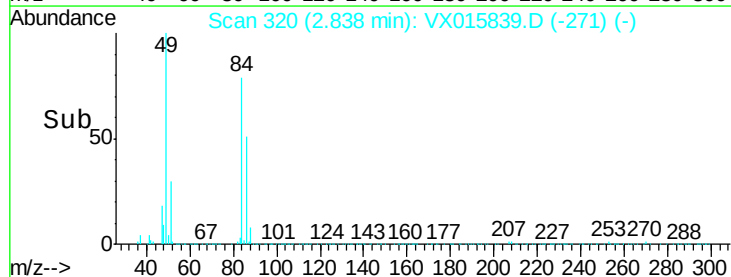
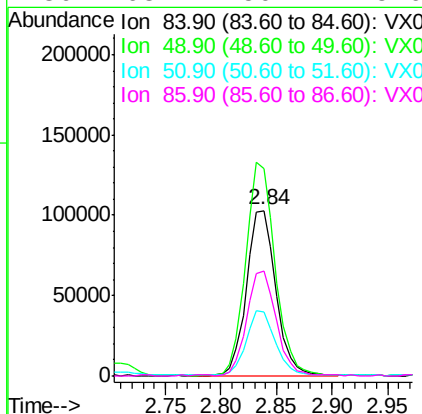
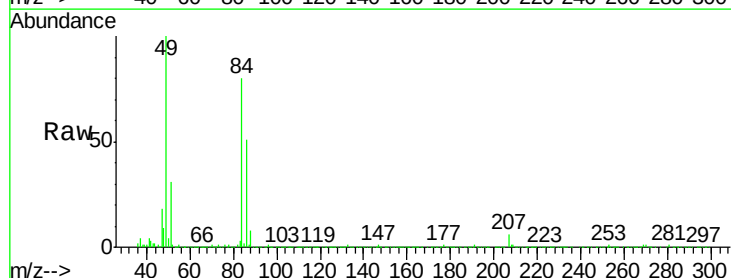
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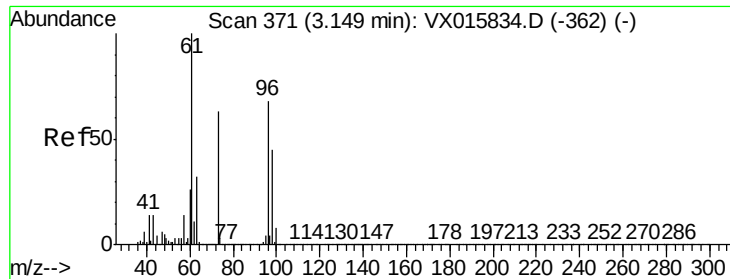


#20

Methylene Chloride
 Concen: 18.898 ug/l
 RT: 2.84 min Scan# 320
 Delta R.T. 0.00 min
 Lab File: VX015839.D
 Acq: 22 Apr 2020 14:16

Tgt Ion	Ratio	Lower	Upper
84	100		
49	125.6	104.9	157.3
51	38.2	32.0	48.0
86	63.7	50.4	75.6





#21

trans-1,2-Dichloroethene

Concen: 18.895 ug/l

RT: 3.14 min Scan# 370

Delta R.T. -0.01 min

Lab File: VX015839.D

Acq: 22 Apr 2020 14:16

Instrument :

MSVOA_X

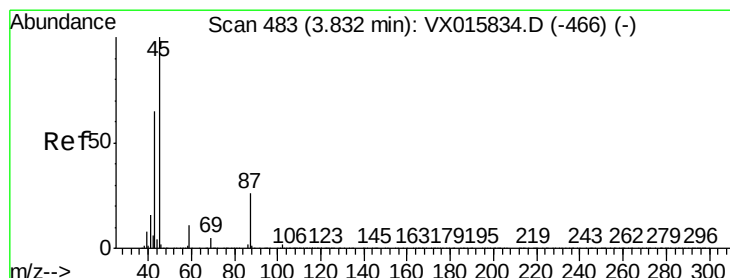
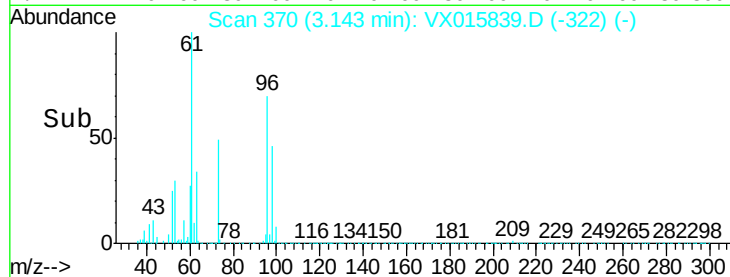
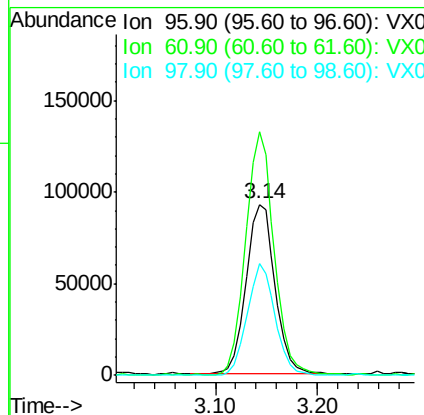
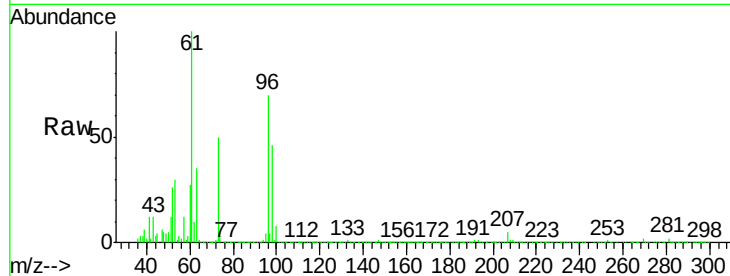
ClientSampleId :

VX0422WBS01

Tot Ion:	96	Resp:	182735
Ion Ratio	Lower	Upper	
96	100		
61	143.4	117.5	176.3
98	65.6	52.7	79.1

Manual Integrations
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#22

Diisopropyl ether

Concen: 19.471 ug/l

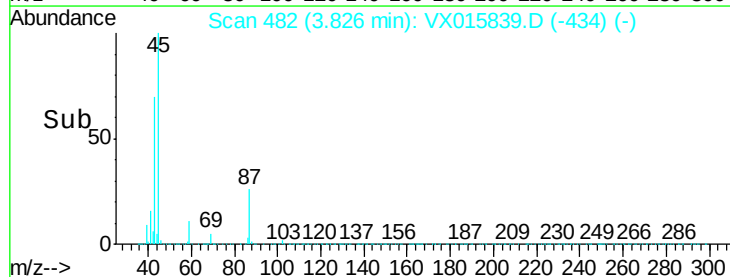
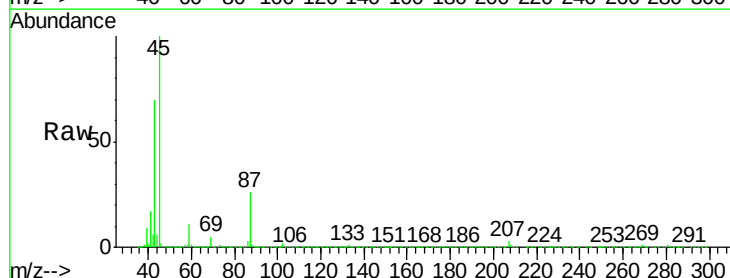
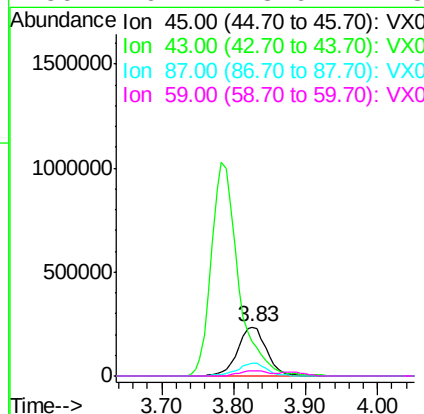
RT: 3.83 min Scan# 482

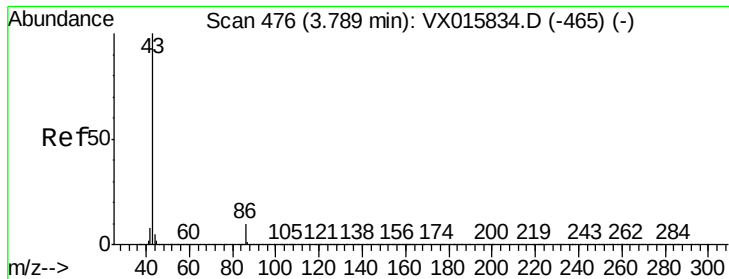
Delta R.T. -0.01 min

Lab File: VX015839.D

Acq: 22 Apr 2020 14:16

Tgt Ion:	45	Resp:	650049
Ion Ratio	Lower	Upper	
45	100		
43	68.8	52.4	78.6
87	26.4	20.7	31.1
59	10.7	8.6	12.8





#23

Vinyl Acetate

Concen: 96.737 ug/l

RT: 3.78 min Scan# 475

Delta R.T. -0.01 min

Lab File: VX015839.D

Acq: 22 Apr 2020 14:16

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBS01

Tot Ion: 43 Resp: 2672925

Ion Ratio Lower Upper

43 100

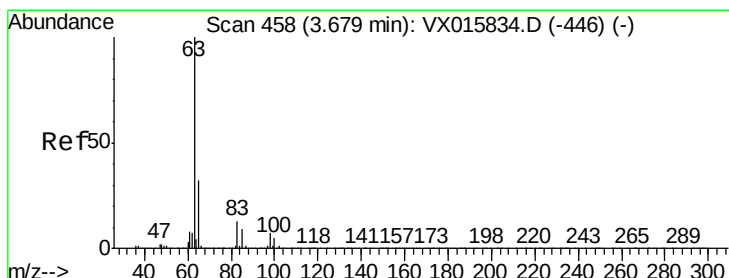
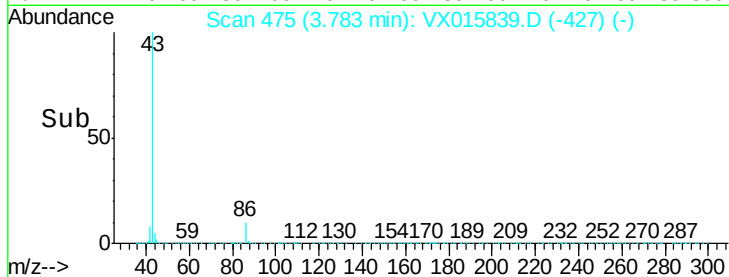
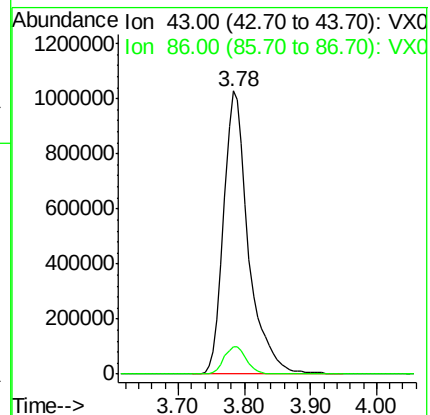
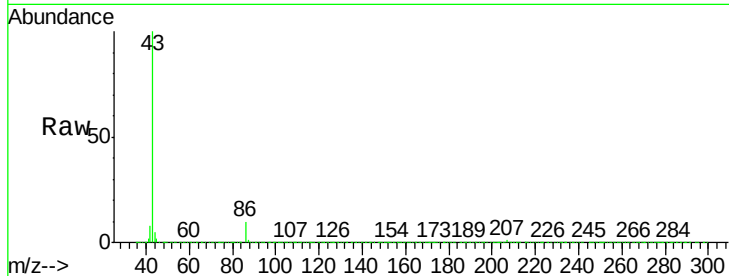
86 9.7 8.0 12.0

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 18.983 ug/l

RT: 3.67 min Scan# 457

Delta R.T. -0.01 min

Lab File: VX015839.D

Acq: 22 Apr 2020 14:16

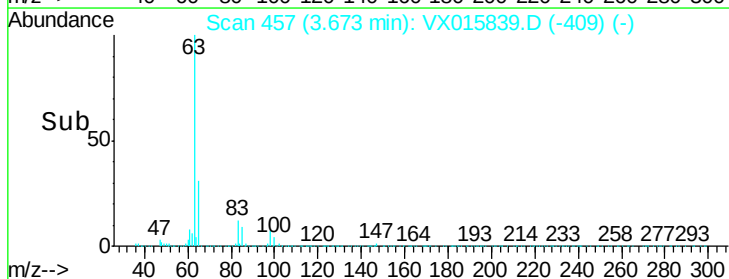
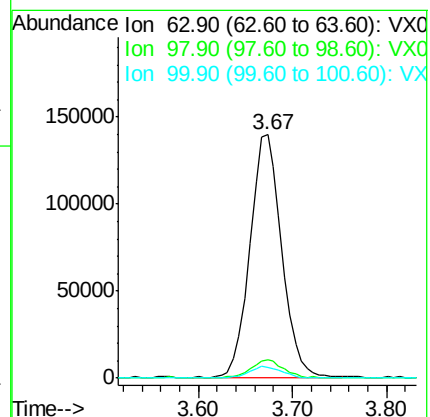
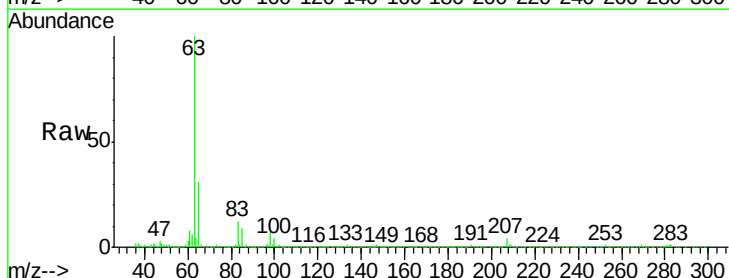
Tgt Ion: 63 Resp: 330324

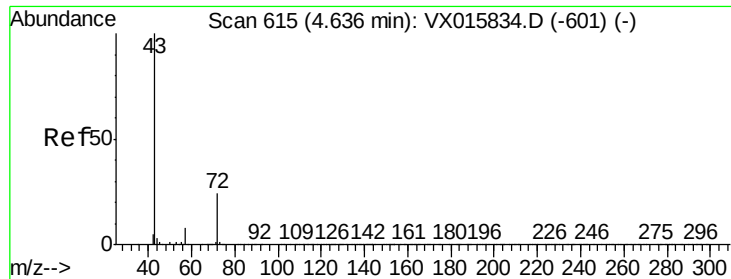
Ion Ratio Lower Upper

63 100

98 7.1 3.5 10.4

100 4.3 2.3 6.8





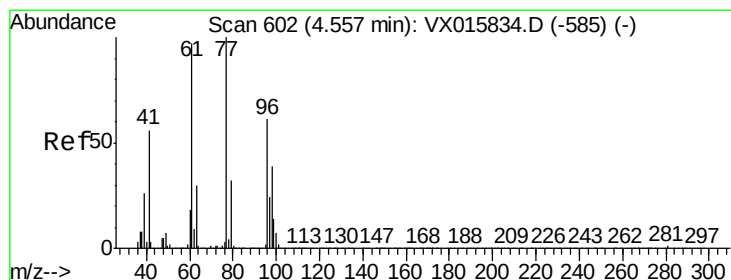
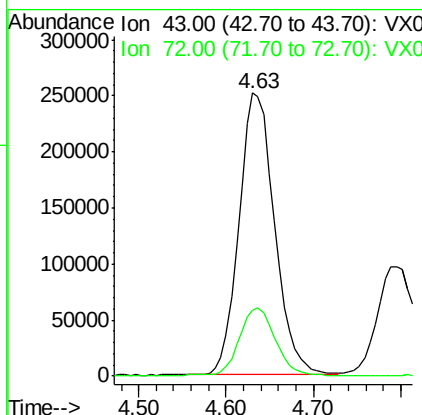
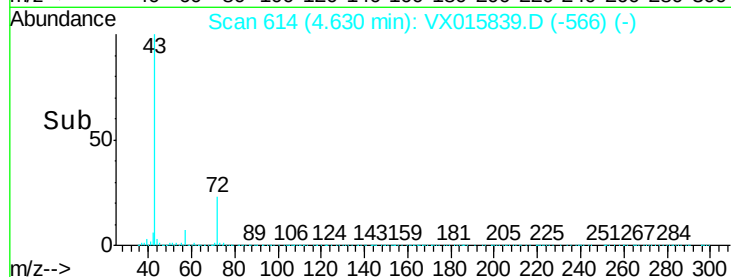
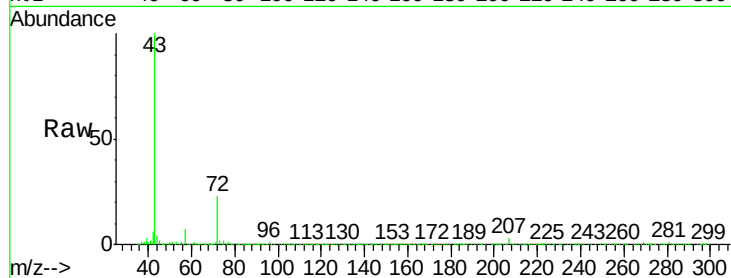
#25
2-Butanone
Concen: 91.513 ug/l
RT: 4.63 min Scan# 614
Delta R.T. -0.01 min
Lab File: VX015839.D
Acq: 22 Apr 2020 14:16

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBS01

Tot Ion: 43 Resp: 712875
Ion Ratio Lower Upper
43 100
72 23.1 19.4 29.2

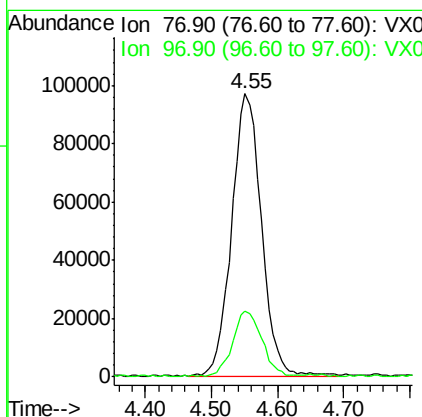
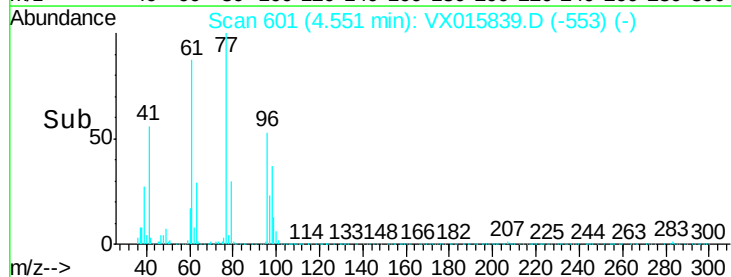
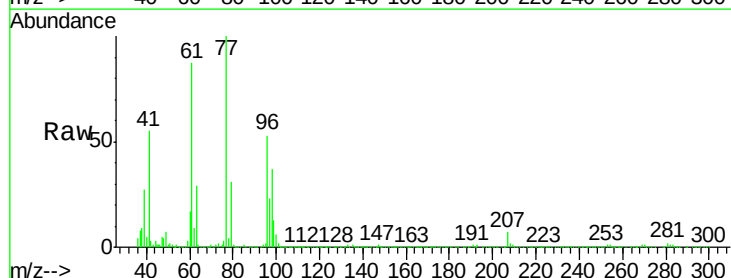
Manual Integrations
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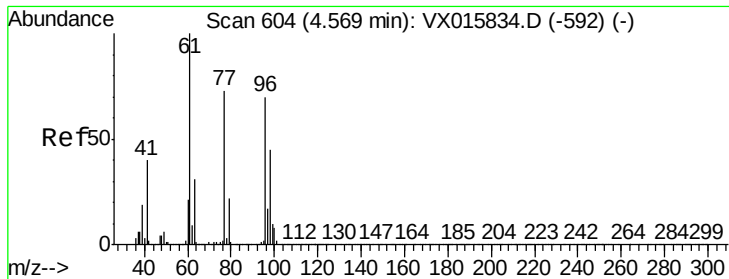
MMDadoda
4/23/2020 11:58:25 AM



#26
2,2-Dichloropropane
Concen: 19.449 ug/l
RT: 4.55 min Scan# 601
Delta R.T. -0.01 min
Lab File: VX015839.D
Acq: 22 Apr 2020 14:16

Tgt Ion: 77 Resp: 302314
Ion Ratio Lower Upper
77 100
97 22.5 11.4 34.1





#27

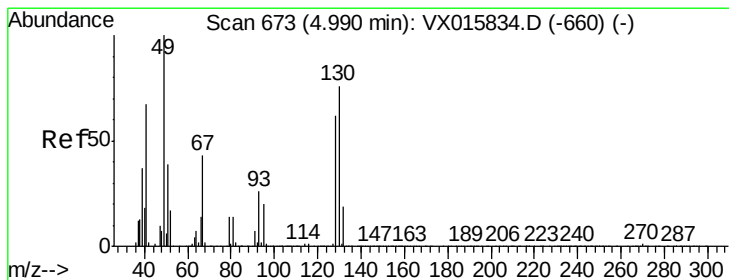
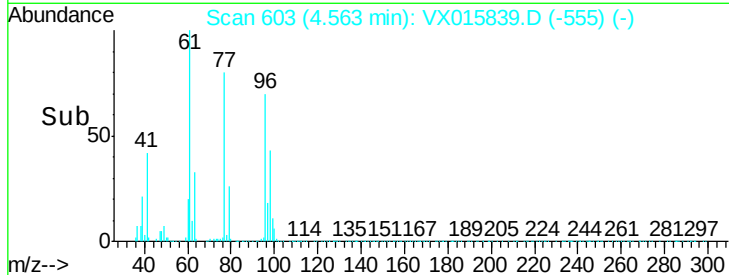
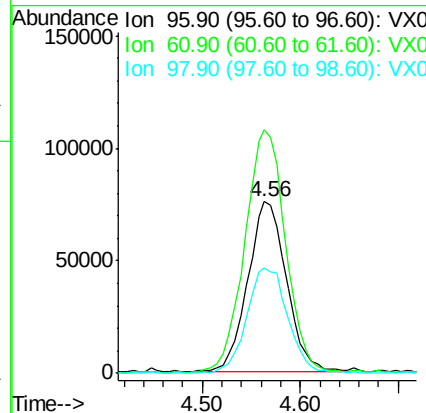
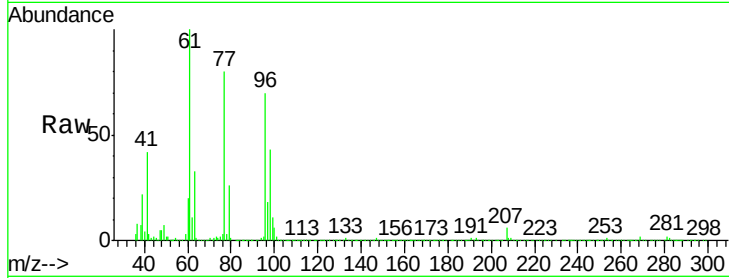
cis-1,2-Dichloroethene
Concen: 18.802 ug/l
RT: 4.56 min Scan# 603
Delta R.T. -0.01 min
Lab File: VX015839.D
Acq: 22 Apr 2020 14:16

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBS01

Tot Ion	Ratio	Resp Lower	Upper
96	100		
61	150.6	0.0	299.4
98	65.8	0.0	129.6

Manual Integrations
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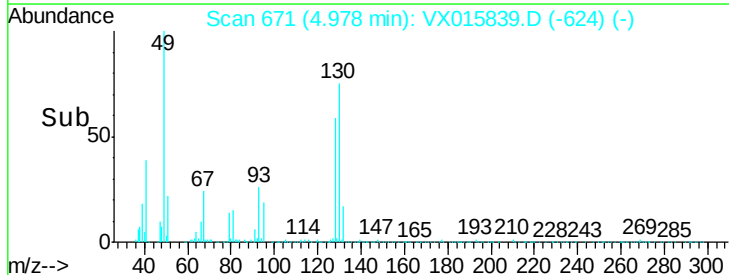
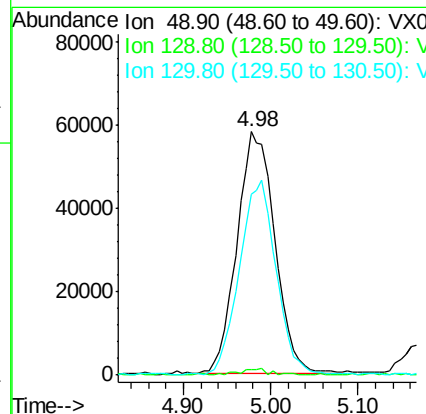
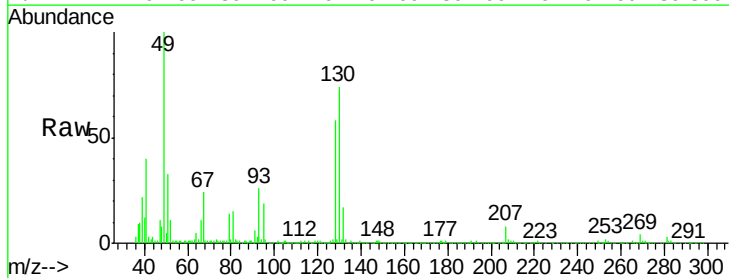
MMDadoda
4/23/2020 11:58:25 AM

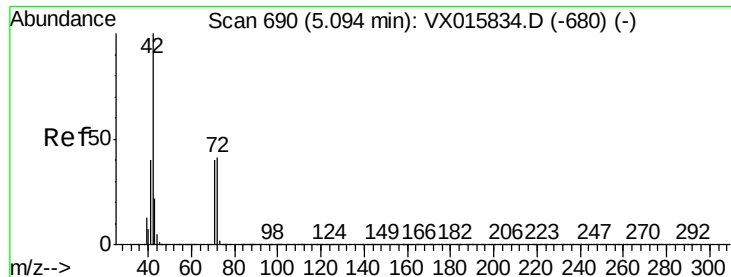


#28

Bromochloromethane
Concen: 19.177 ug/l
RT: 4.98 min Scan# 671
Delta R.T. -0.01 min
Lab File: VX015839.D
Acq: 22 Apr 2020 14:16

Tgt Ion	Ratio	Resp Lower	Upper
49	100		
129	1.9	0.0	1.8#
130	77.3	62.4	93.6





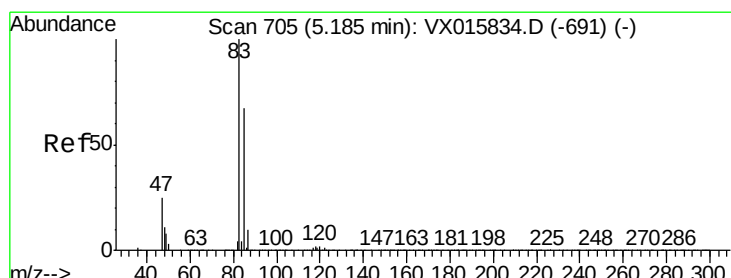
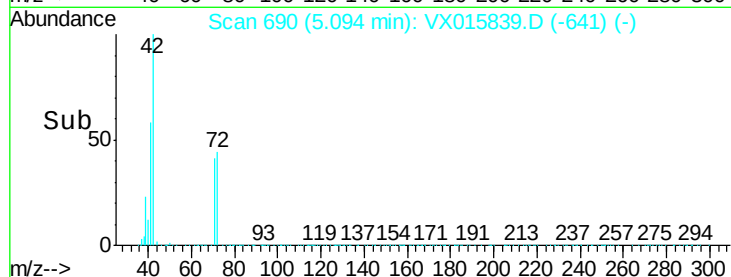
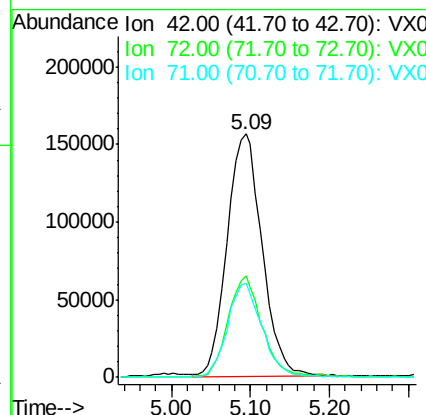
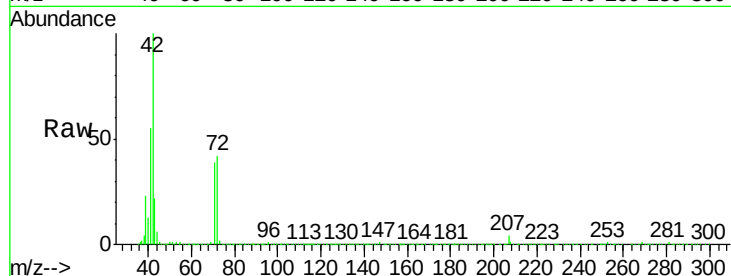
#29
Tetrahydrofuran
Concen: 93.512 ug/l
RT: 5.09 min Scan# 690
Delta R.T. 0.00 min
Lab File: VX015839.D
Acq: 22 Apr 2020 14:16

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.2	33.0	49.6
71	37.6	30.6	45.8

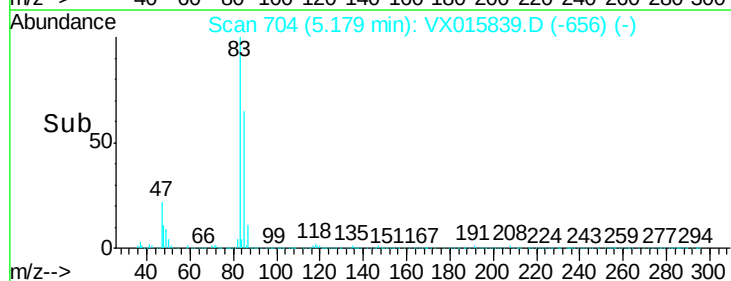
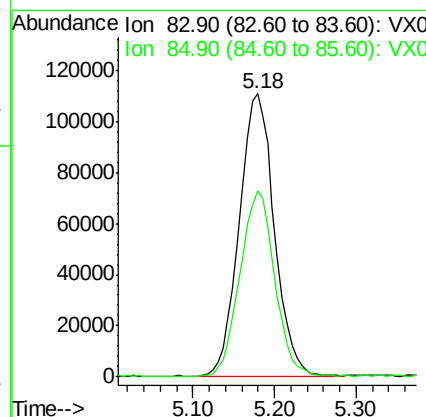
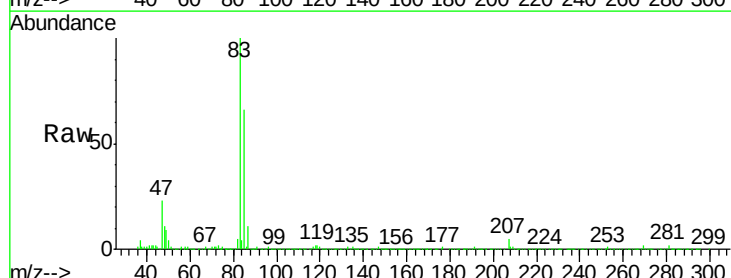
Manual Integrations
APPROVED

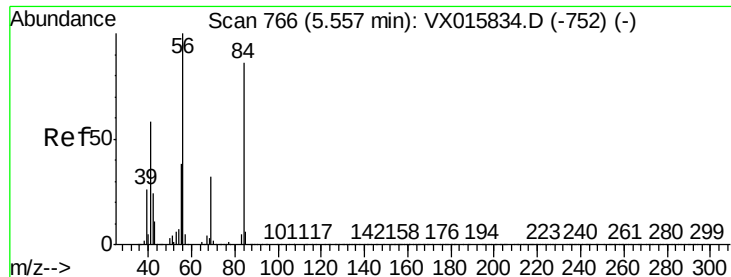
MMDadoda
4/23/2020 11:58:25 AM



#30
Chloroform
Concen: 18.849 ug/l
RT: 5.18 min Scan# 704
Delta R.T. -0.01 min
Lab File: VX015839.D
Acq: 22 Apr 2020 14:16

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.3	53.4	80.0





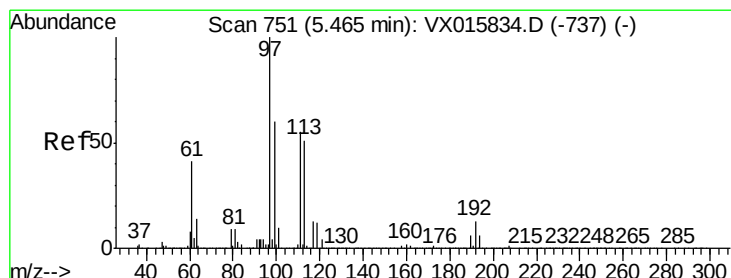
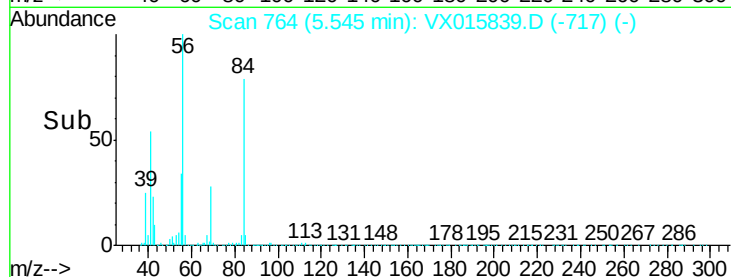
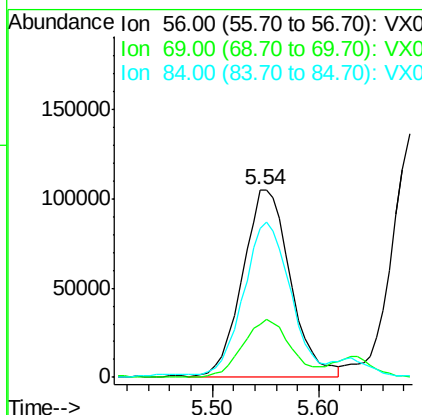
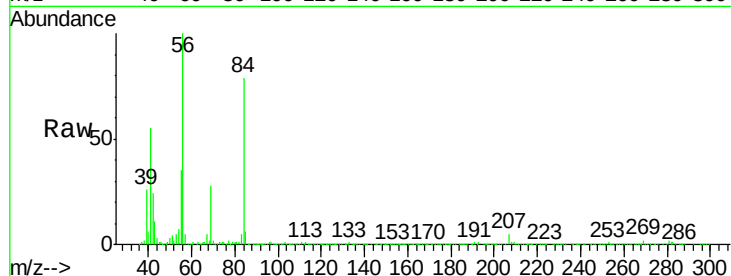
#31
Cyclohexane
Concen: 19.831 ug/l
RT: 5.54 min Scan# 764
Delta R.T. -0.01 min
Lab File: VX015839.D
Acq: 22 Apr 2020 14:16

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	27.9	25.3	37.9
84	78.5	69.1	103.7

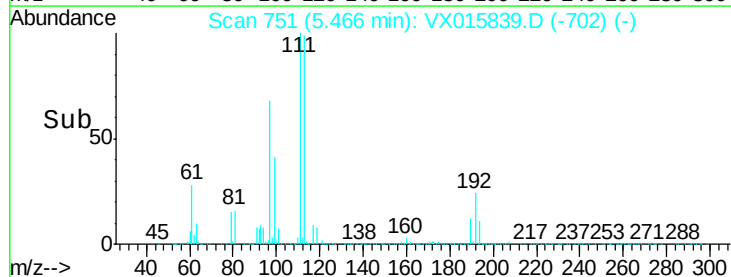
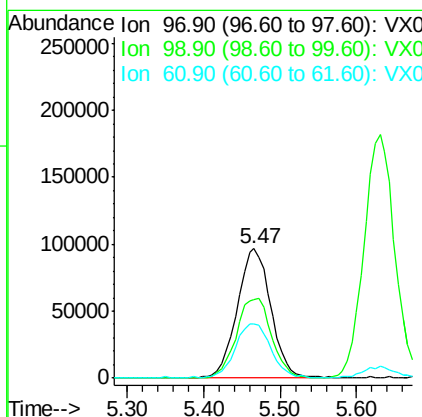
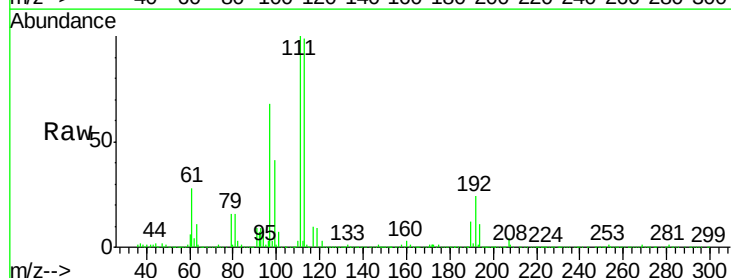
Manual Integrations
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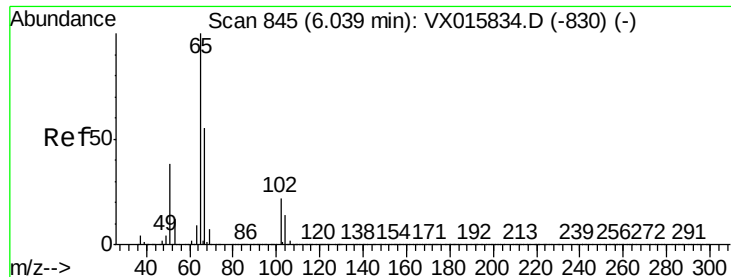
MMDadoda
4/23/2020 11:58:25 AM



#32
1,1,1-Trichloroethane
Concen: 19.046 ug/l
RT: 5.47 min Scan# 751
Delta R.T. 0.00 min
Lab File: VX015839.D
Acq: 22 Apr 2020 14:16

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.2	51.2	76.8
61	43.2	34.1	51.1





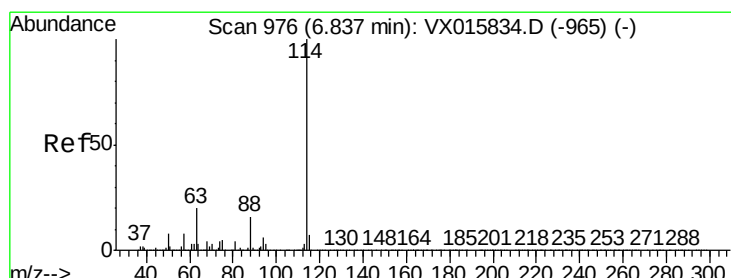
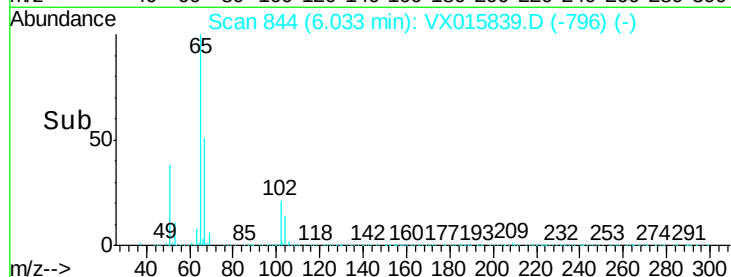
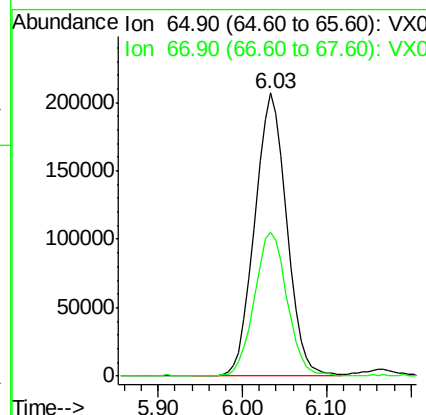
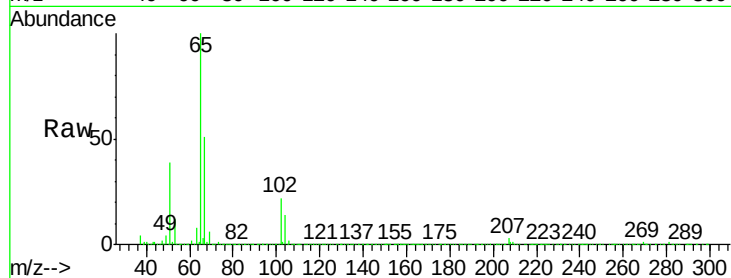
#33
 1,2-Dichloroethane-d4
 Concen: 47.039 ug/l
 RT: 6.03 min Scan# 844
 Delta R.T. -0.01 min
 Lab File: VX015839.D
 Acq: 22 Apr 2020 14:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0422WBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	104.2

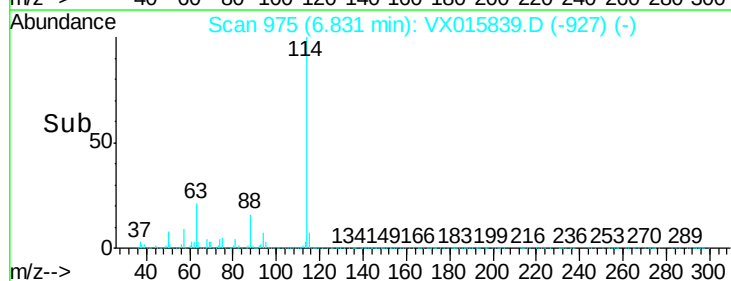
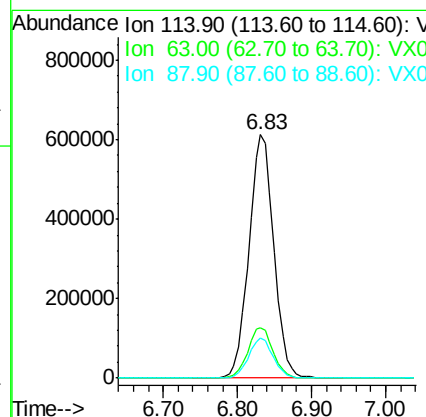
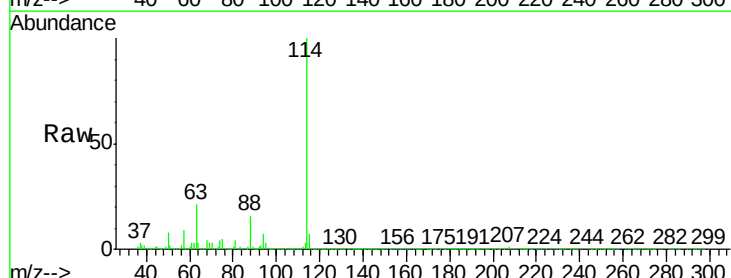
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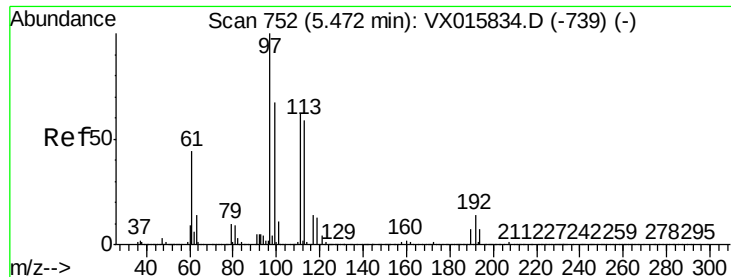
MMDadoda
 4/23/2020 11:58:25 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 975
 Delta R.T. -0.01 min
 Lab File: VX015839.D
 Acq: 22 Apr 2020 14:16

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	40.6
88	16.2	0.0	32.8





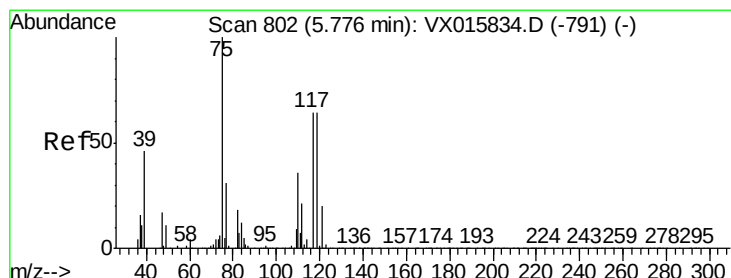
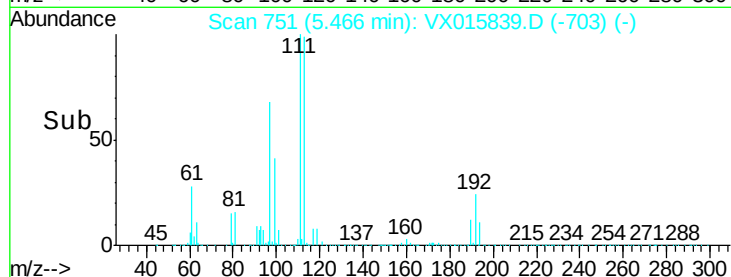
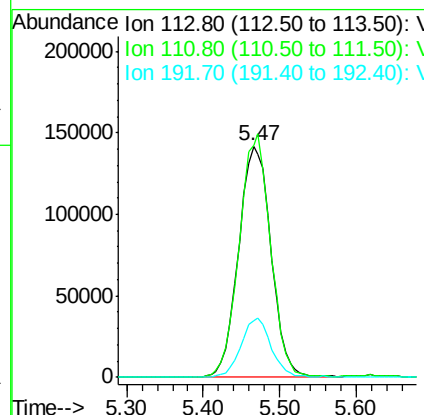
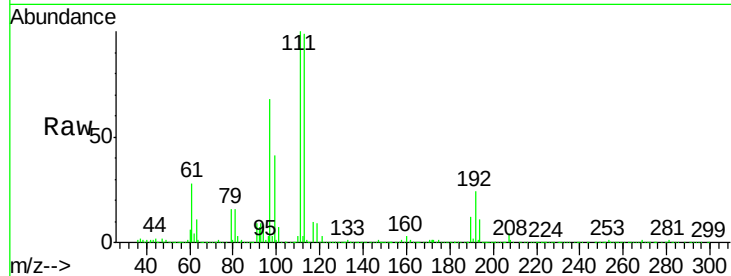
#35
Dibromofluoromethane
Concen: 50.583 ug/l
RT: 5.47 min Scan# 751
Delta R.T. -0.01 min
Lab File: VX015839.D
Acq: 22 Apr 2020 14:16

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	100.9	82.7	124.1	
192	23.9	19.3	28.9	

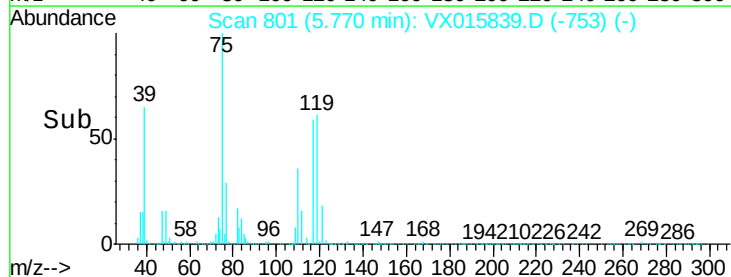
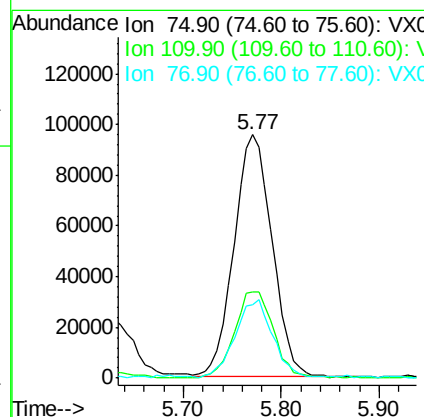
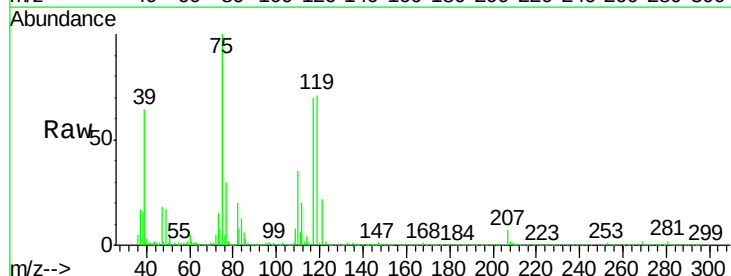
Manual Integrations
APPROVED

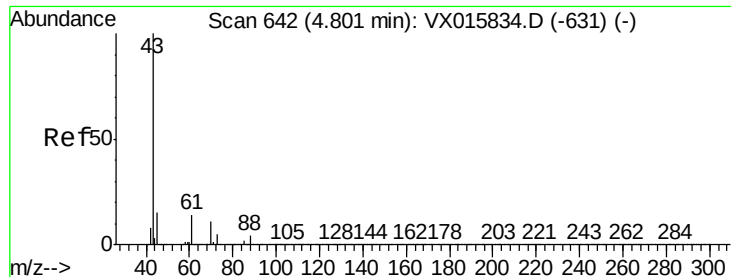
MMDadoda
4/23/2020 11:58:25 AM



#36
1,1-Dichloropropene
Concen: 20.323 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX015839.D
Acq: 22 Apr 2020 14:16

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	36.5	17.9	53.8	
77	31.1	24.5	36.7	





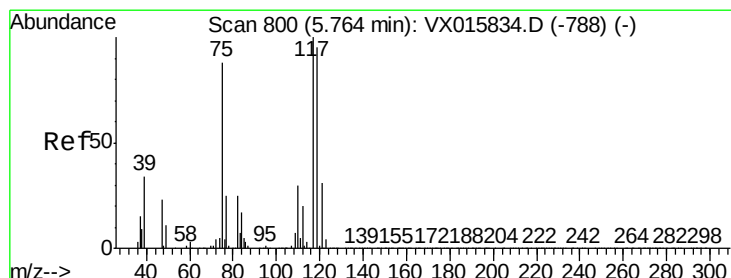
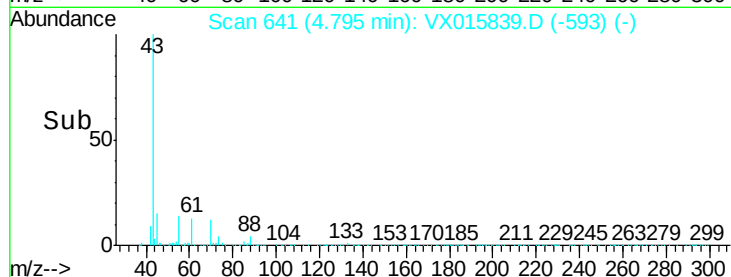
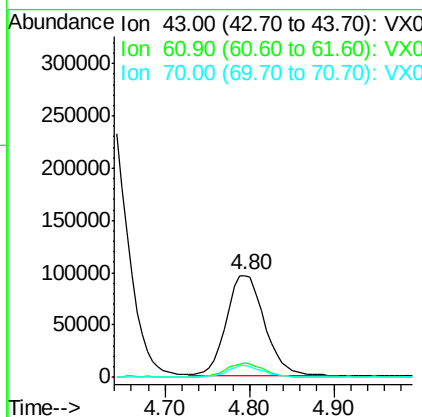
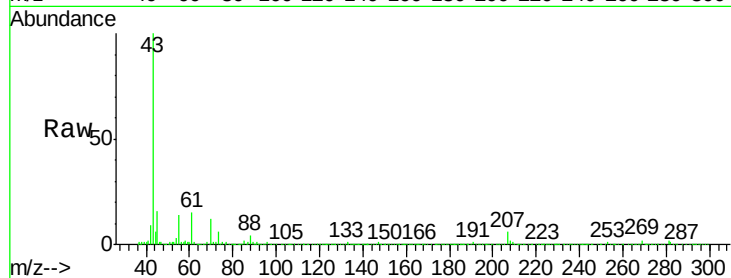
#37
Ethyl Acetate
Concen: 19.629 ug/l
RT: 4.80 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX015839.D
Acq: 22 Apr 2020 14:16

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBS01

Tot Ion	43	Resp	296620
Ion Ratio	Lower	Upper	
43	100		
61	13.2	10.8	16.2
70	10.6	8.2	12.2

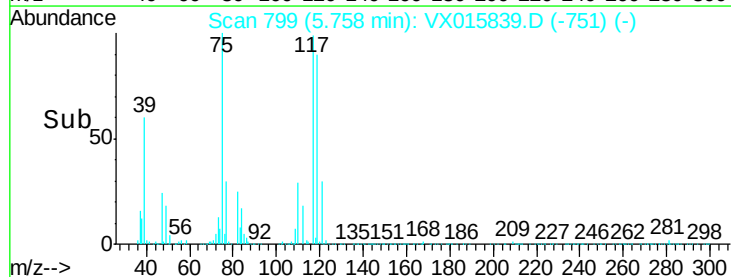
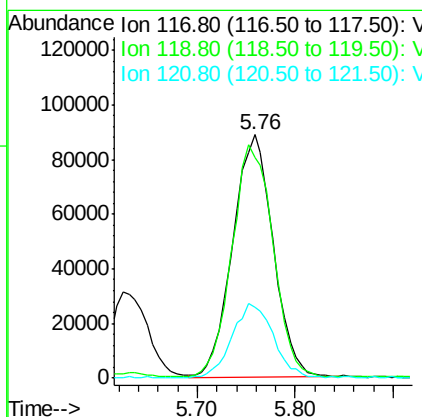
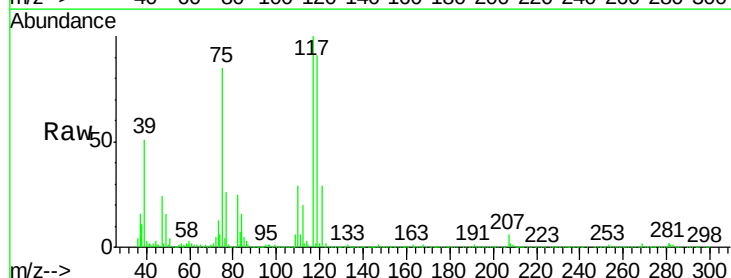
Manual Integrations
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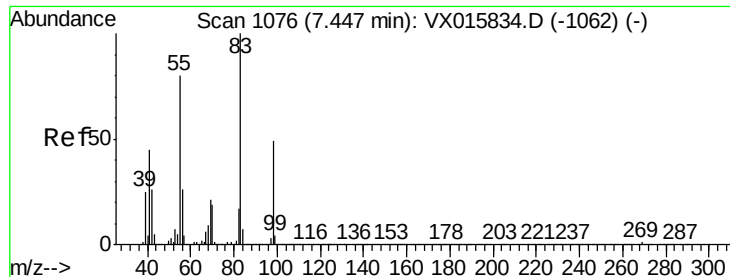
MMDadoda
4/23/2020 11:58:25 AM



#38
Carbon Tetrachloride
Concen: 20.373 ug/l
RT: 5.76 min Scan# 799
Delta R.T. -0.01 min
Lab File: VX015839.D
Acq: 22 Apr 2020 14:16

Tgt Ion	117	Resp	254813
Ion Ratio	Lower	Upper	
117	100		
119	90.3	75.7	113.5
121	29.2	25.0	37.6





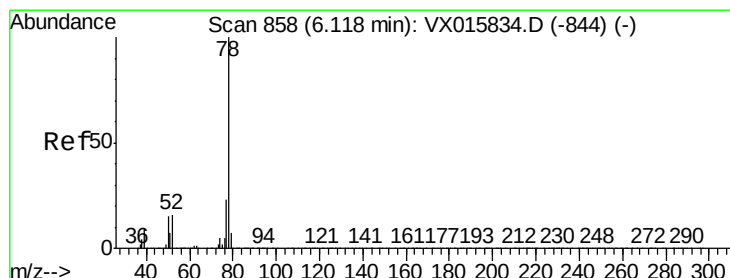
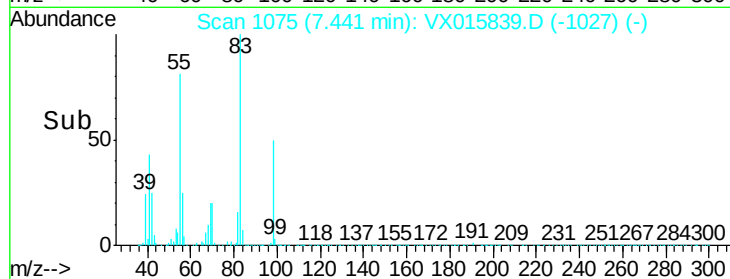
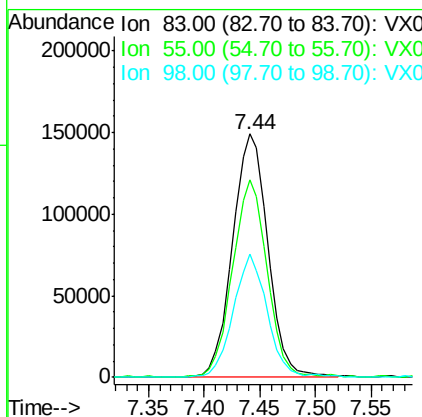
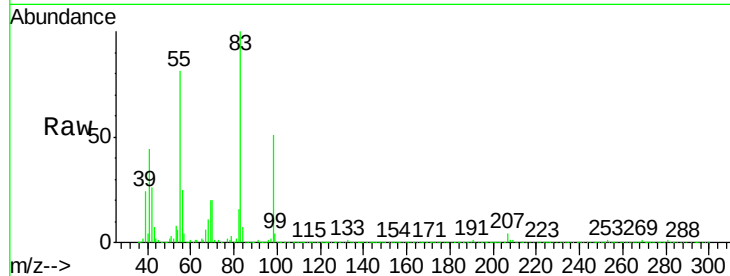
#39
Methylvlcyclohexane
Concen: 20.321 ug/l
RT: 7.44 min Scan# 1075
Delta R.T. -0.01 min
Lab File: VX015839.D
Acq: 22 Apr 2020 14:16

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBS01

Tot Ion	83	Resp	326749
Ion Ratio	Lower	Upper	
83	100		
55	80.8	64.2	96.4
98	50.5	39.3	58.9

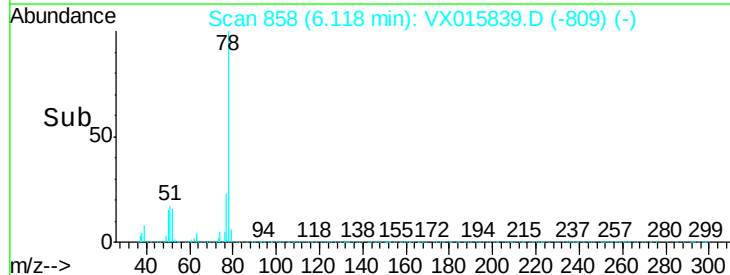
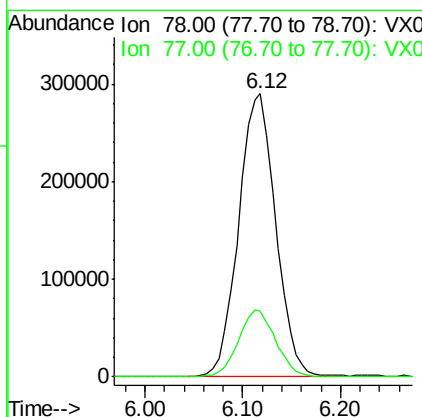
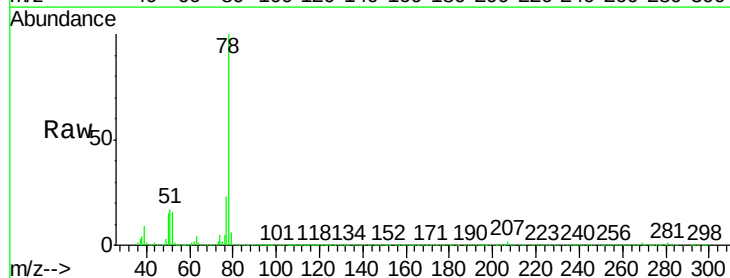
Manual Integrations
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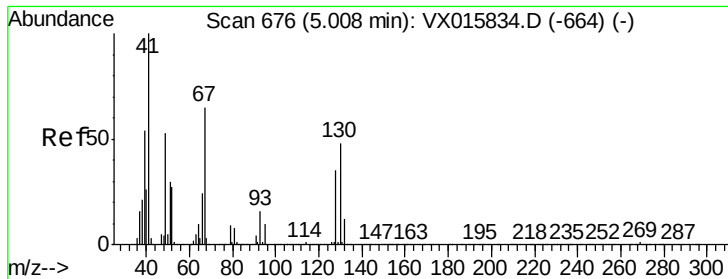
MMDadoda
4/23/2020 11:58:25 AM



#40
Benzene
Concen: 19.829 ug/l
RT: 6.12 min Scan# 858
Delta R.T. 0.00 min
Lab File: VX015839.D
Acq: 22 Apr 2020 14:16

Tgt Ion	78	Resp	758306
Ion Ratio	Lower	Upper	
78	100		
77	23.1	18.6	27.8





#41

Methacrylonitrile

Concen: 19.623 ug/l

RT: 5.00 min Scan# 675

Delta R.T. -0.01 min

Lab File: VX015839.D

Acq: 22 Apr 2020 14:16

Instrument :

MSVOA_X

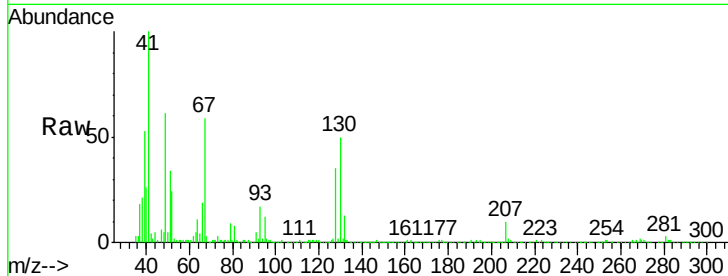
ClientSampleId :

VX0422WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		164780		
39	53.5	42.4	63.6		
67	65.5	51.9	77.9		
52	28.3	21.0	31.4		

Manual Integrations
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MMDadoda
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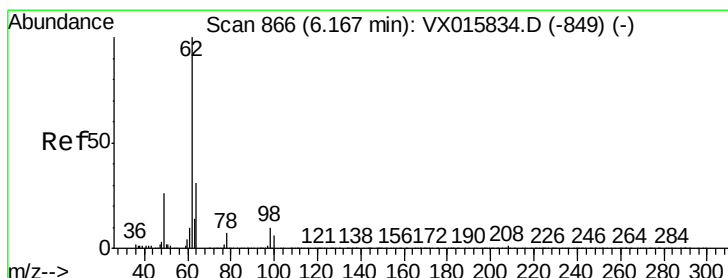
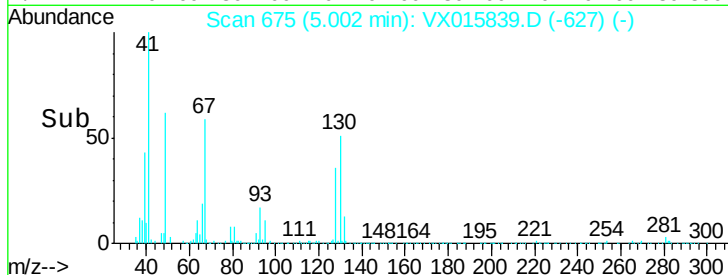
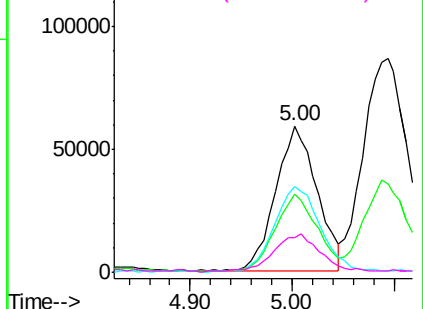


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 19.696 ug/l

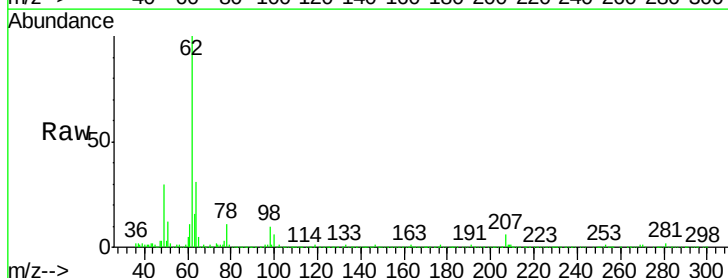
RT: 6.16 min Scan# 865

Delta R.T. -0.01 min

Lab File: VX015839.D

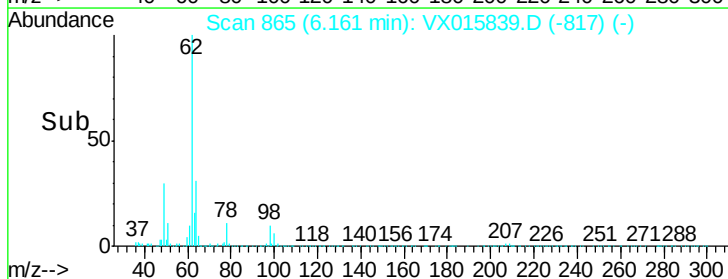
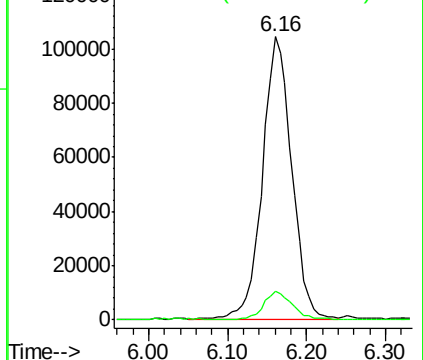
Acq: 22 Apr 2020 14:16

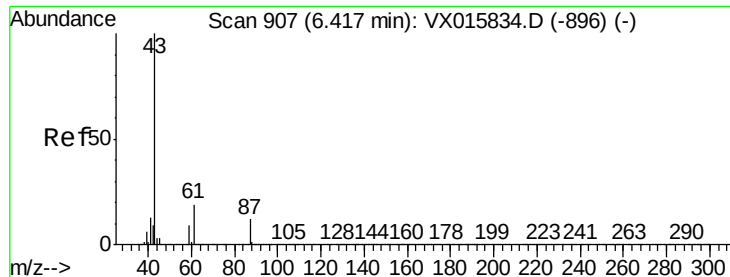
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		271239		
98	9.6	0.0	20.0		



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 19.539 ug/l

RT: 6.41 min Scan# 906

Delta R.T. -0.01 min

Lab File: VX015839.D

Acq: 22 Apr 2020 14:16

Instrument :

MSVOA_X

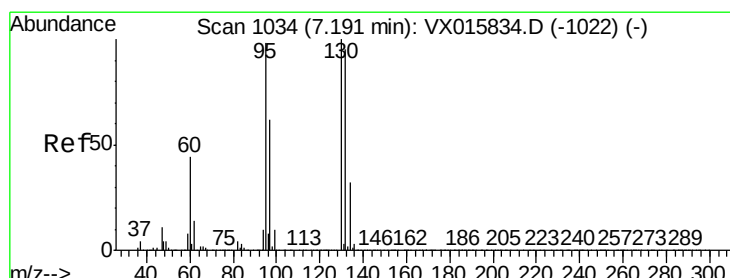
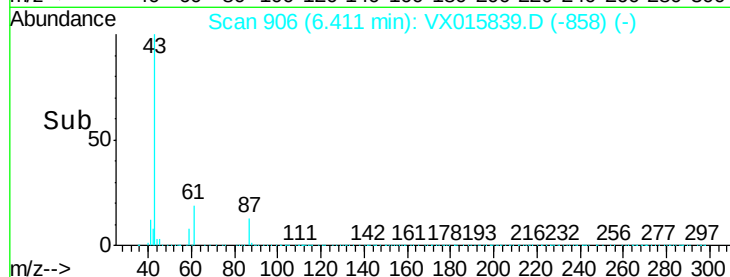
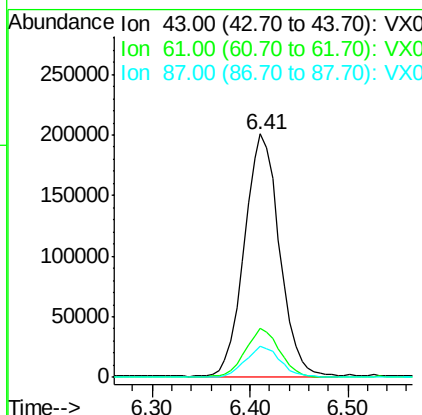
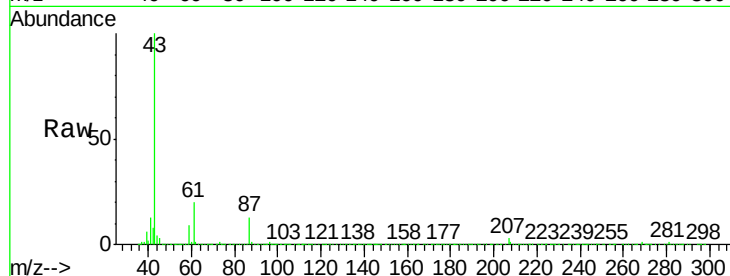
ClientSampleId :

VX0422WBS01

Tot Ion:	43	Resp:	498055
Ion Ratio		Lower	Upper
43	100		
61	19.4	15.4	23.2
87	12.9	9.8	14.6

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4/23/2020 11:58:25 AM



#44

Trichloroethene

Concen: 19.435 ug/l

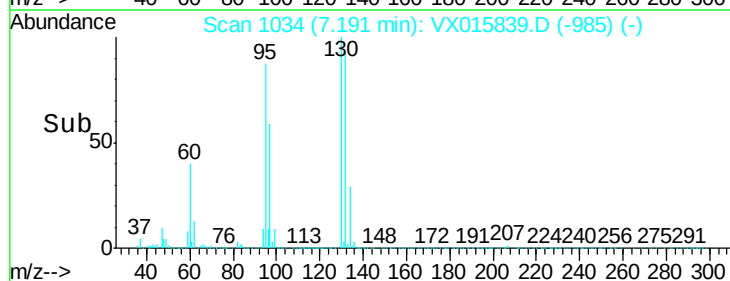
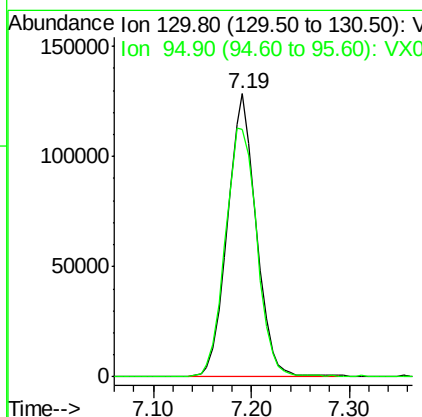
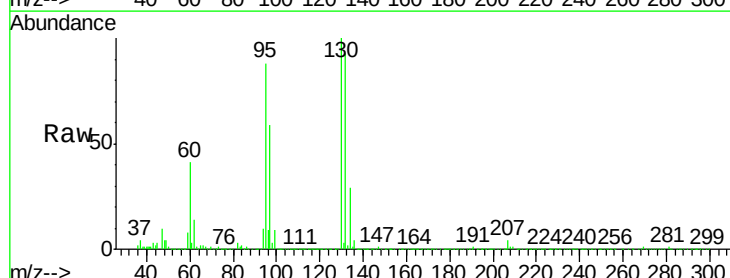
RT: 7.19 min Scan# 1034

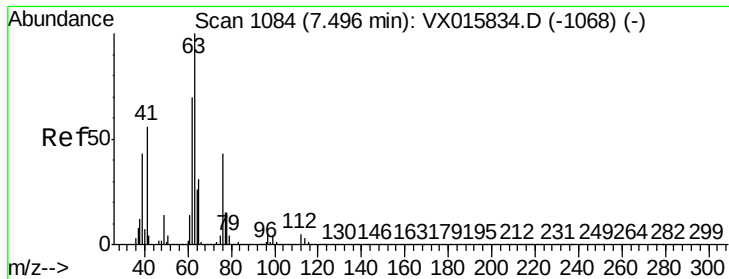
Delta R.T. 0.00 min

Lab File: VX015839.D

Acq: 22 Apr 2020 14:16

Tgt Ion:	130	Resp:	261199
Ion Ratio		Lower	Upper
130	100		
95	87.6	0.0	195.8





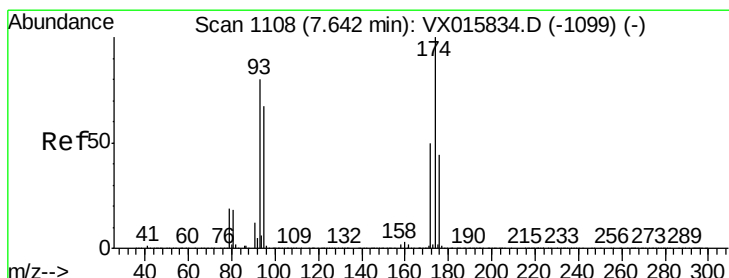
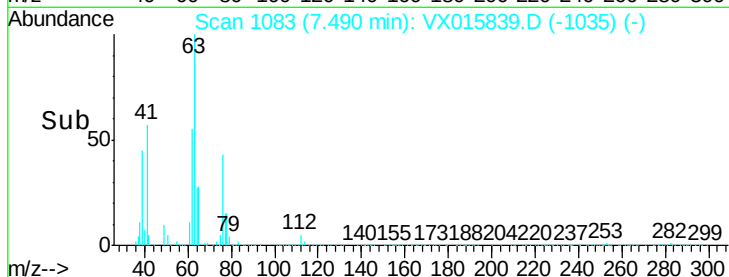
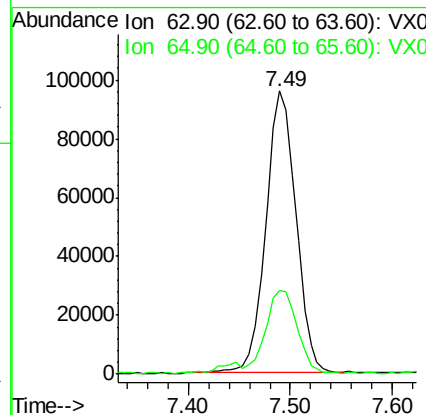
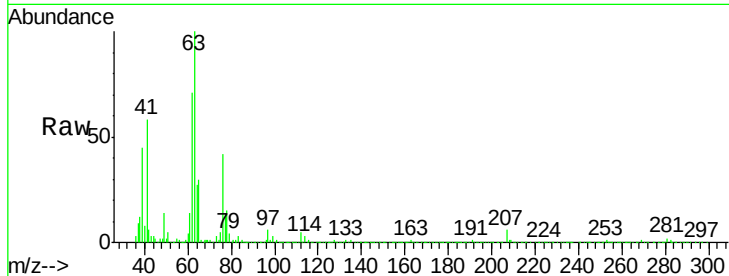
#45
 1,2-Dichloropropane
 Concen: 19.648 ug/l
 RT: 7.49 min Scan# 1083
 Delta R.T. -0.01 min
 Lab File: VX015839.D
 Acq: 22 Apr 2020 14:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0422WBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.4	24.5	36.7

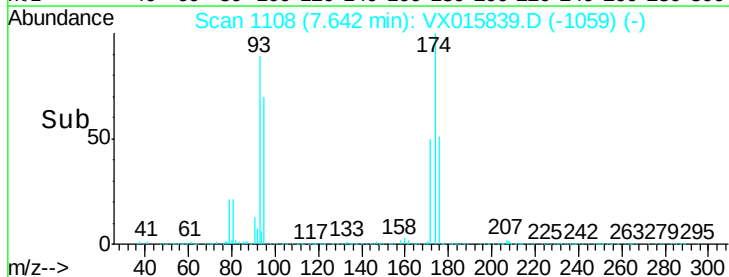
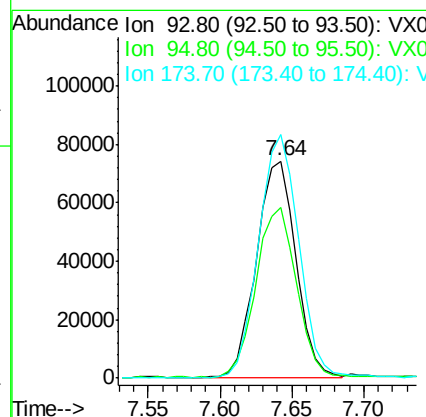
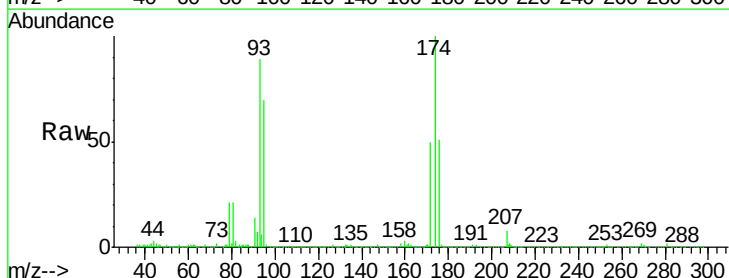
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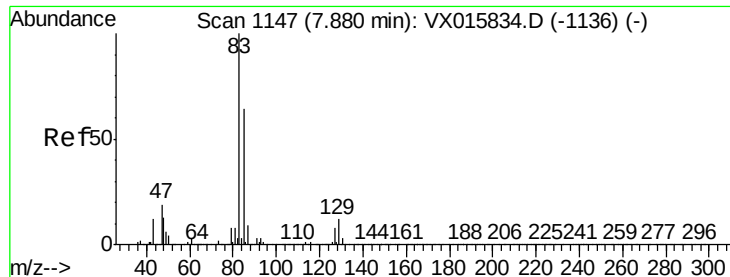
MMDadoda
 4/23/2020 11:58:25 AM



#46
 Dibromomethane
 Concen: 19.226 ug/l
 RT: 7.64 min Scan# 1108
 Delta R.T. 0.00 min
 Lab File: VX015839.D
 Acq: 22 Apr 2020 14:16

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.2	65.8	98.8
174	115.1	95.6	143.4





#47

Bromodichloromethane

Concen: 19.790 ug/l

RT: 7.87 min Scan# 1146

Delta R.T. -0.01 min

Lab File: VX015839.D

Acq: 22 Apr 2020 14:16

Instrument :

MSVOA_X

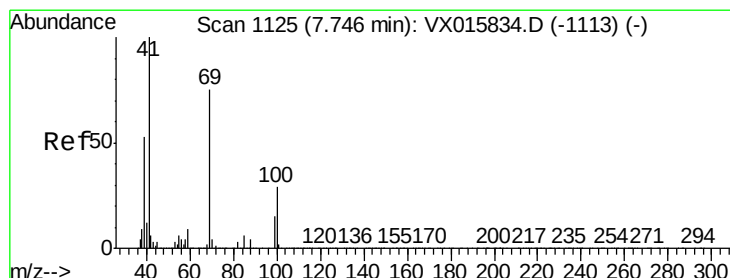
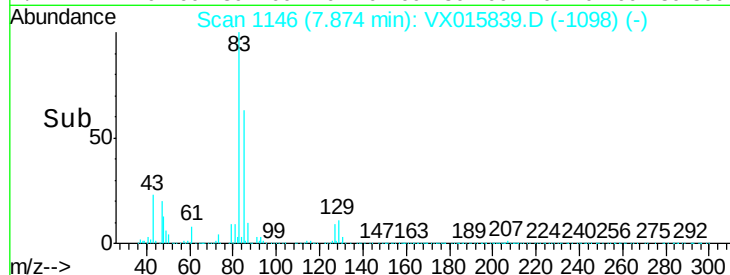
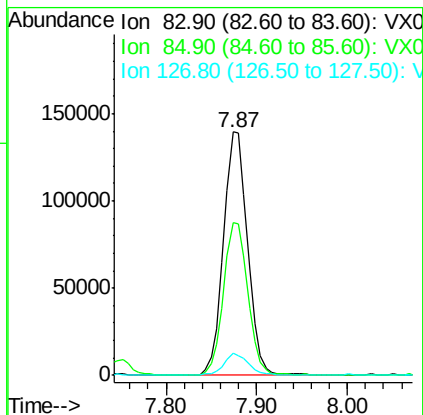
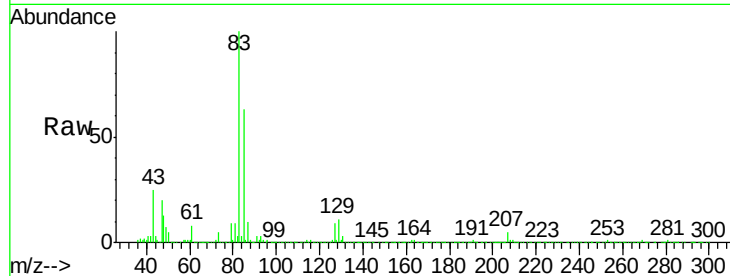
ClientSampleId :

VX0422WBS01

Tot Ion:	83	Resp:	257565
Ion Ratio		Lower	Upper
83	100		
85	62.7	50.8	76.2
127	8.9	6.6	10.0

Manual Integrations
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MMDadoda
4/23/2020 11:58:25 AM



#48

Methyl methacrylate

Concen: 19.435 ug/l

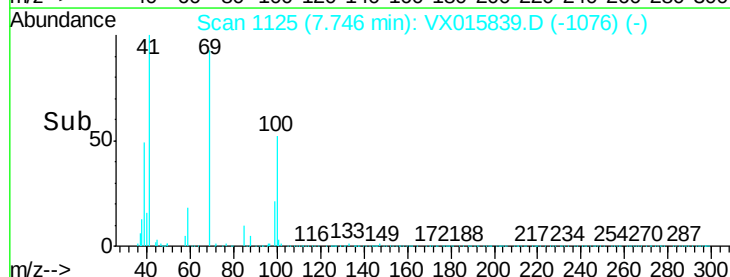
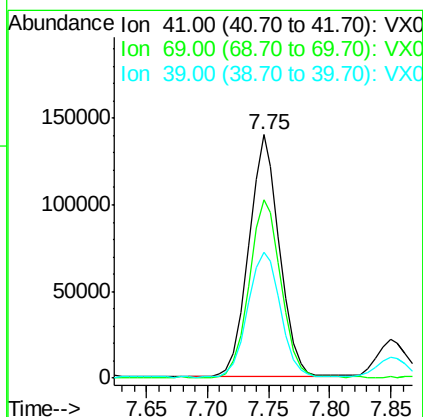
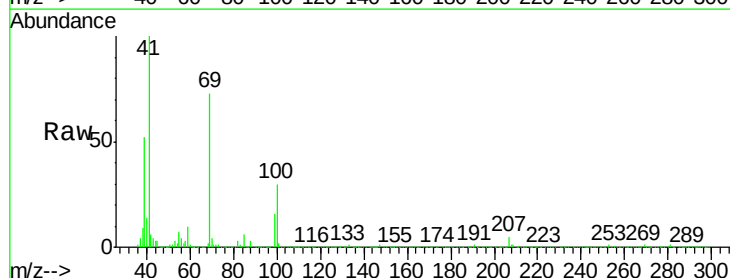
RT: 7.75 min Scan# 1125

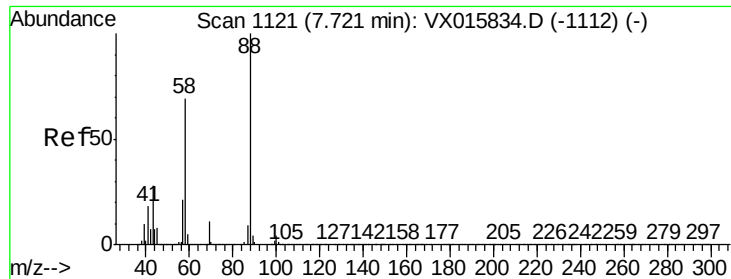
Delta R.T. 0.00 min

Lab File: VX015839.D

Acq: 22 Apr 2020 14:16

Tgt Ion:	41	Resp:	243691
Ion Ratio		Lower	Upper
41	100		
69	75.8	60.5	90.7
39	54.7	42.1	63.1





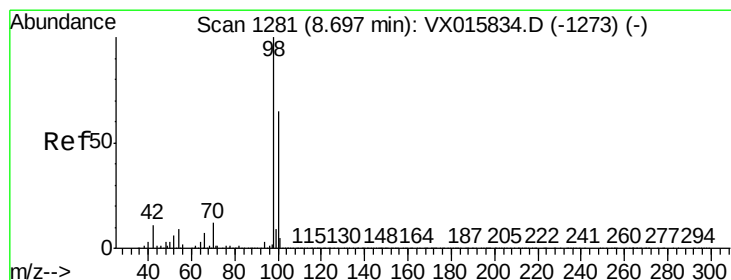
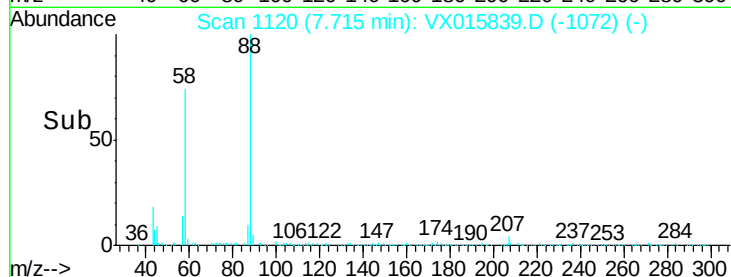
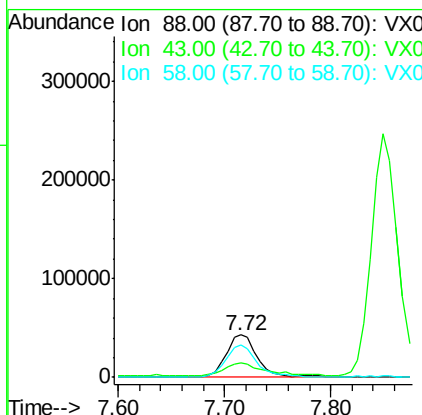
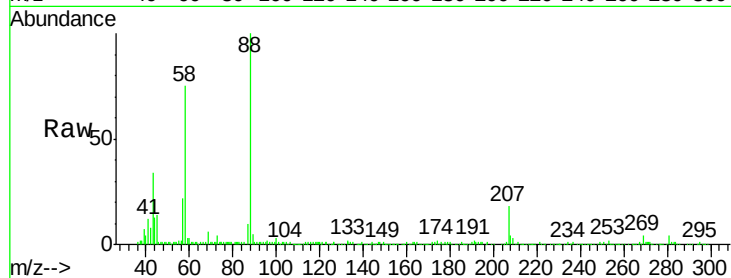
#49
1,4-Dioxane
Concen: 366.983 ug/l
RT: 7.72 min Scan# 1120
Delta R.T. -0.01 min
Lab File: VX015839.D
Acq: 22 Apr 2020 14:16

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	39.4	28.2	42.4
58	75.9	58.9	88.3

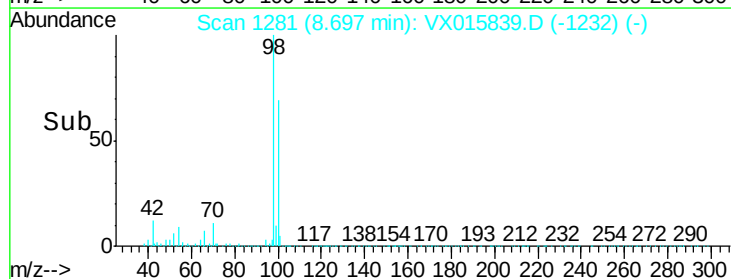
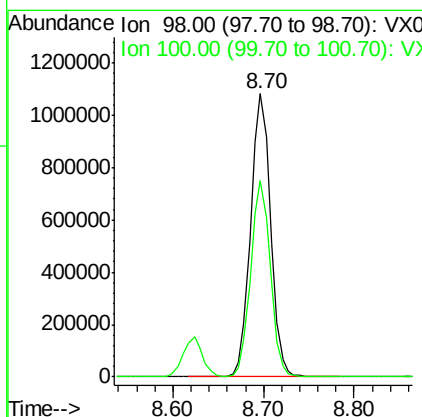
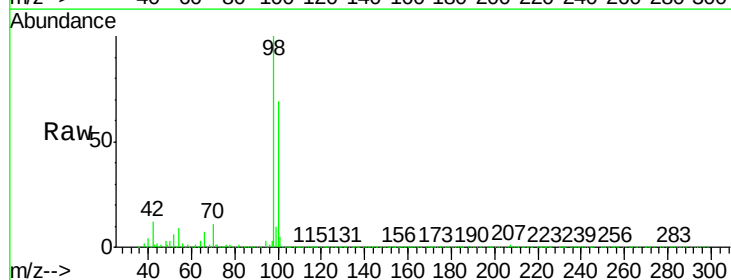
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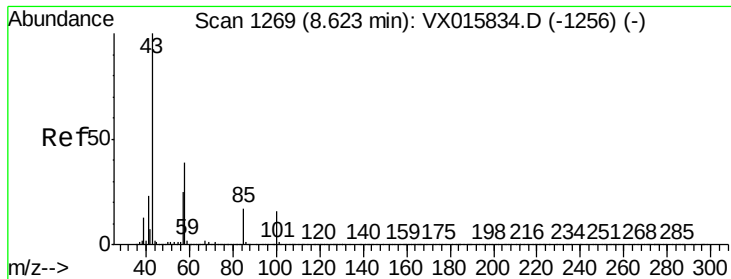
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4/23/2020 11:58:25 AM



#50
Toluene-d8
Concen: 49.639 ug/l
RT: 8.70 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VX015839.D
Acq: 22 Apr 2020 14:16

Tgt Ion	Ratio	Lower	Upper
98	100		
100	68.4	53.8	80.6





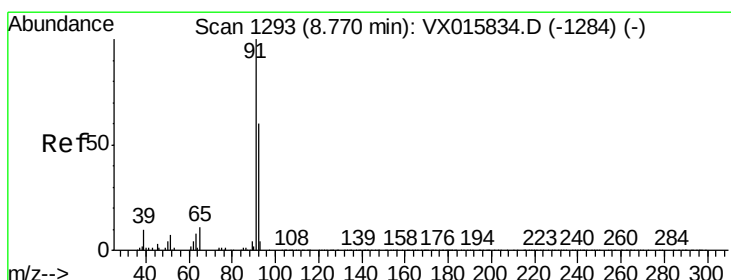
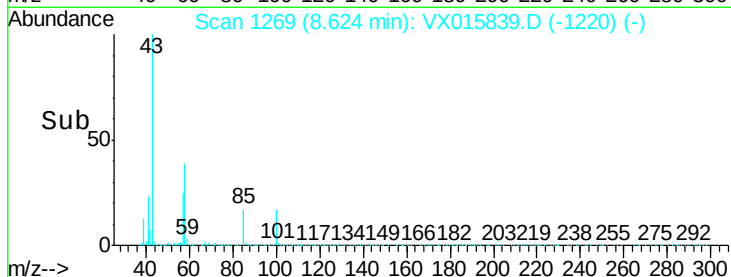
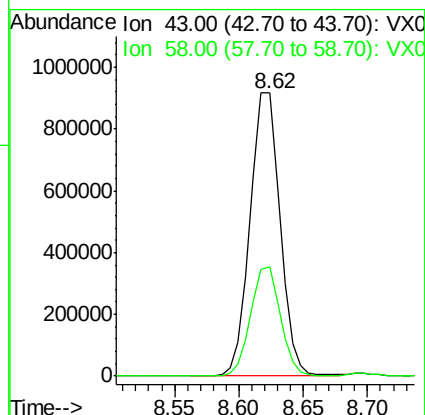
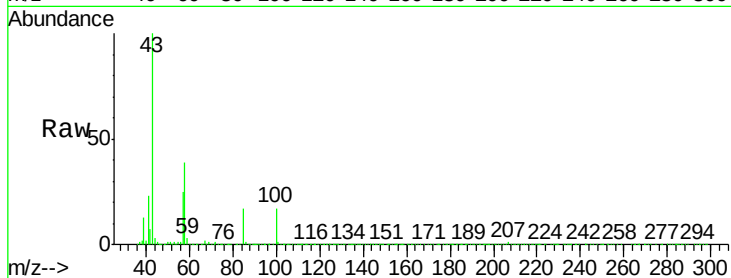
#51
4-Methyl-2-Pentanone
Concen: 99.695 ug/l
RT: 8.62 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VX015839.D
Acq: 22 Apr 2020 14:16

Instrument :
MSVOA_X
ClientSampled :
VX0422WBS01

Tot Ion: 43 Resp: 1466861
Ion Ratio Lower Upper
43 100
58 38.3 30.6 45.8

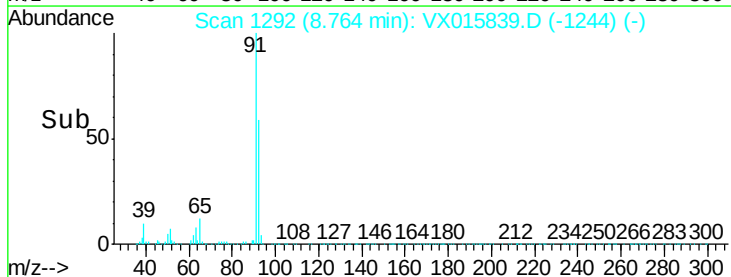
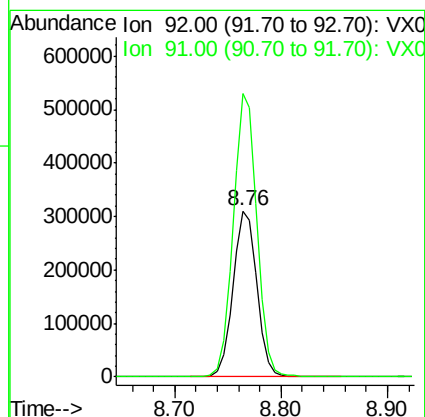
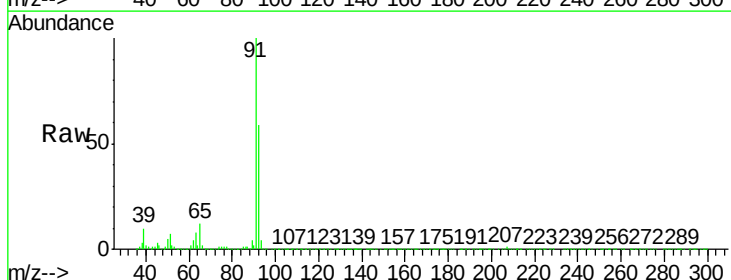
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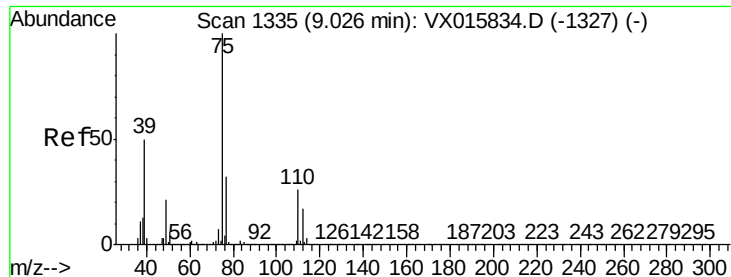
MMDadoda
4/23/2020 11:58:25 AM



#52
Toluene
Concen: 19.870 ug/l
RT: 8.76 min Scan# 1292
Delta R.T. -0.01 min
Lab File: VX015839.D
Acq: 22 Apr 2020 14:16

Tgt Ion: 92 Resp: 487057
Ion Ratio Lower Upper
92 100
91 168.4 133.4 200.0





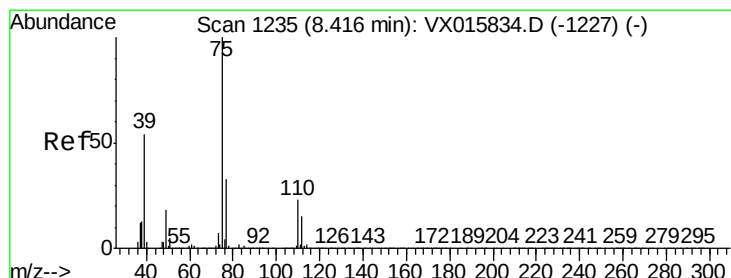
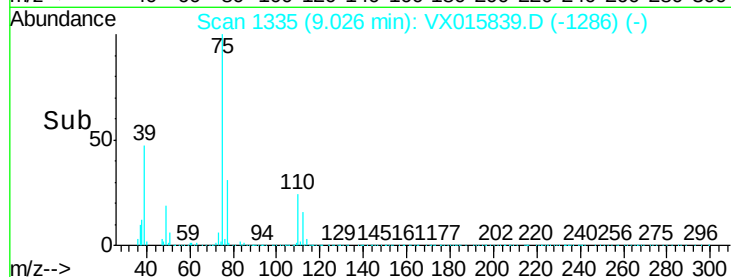
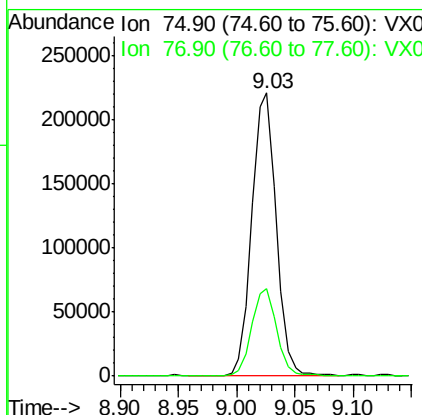
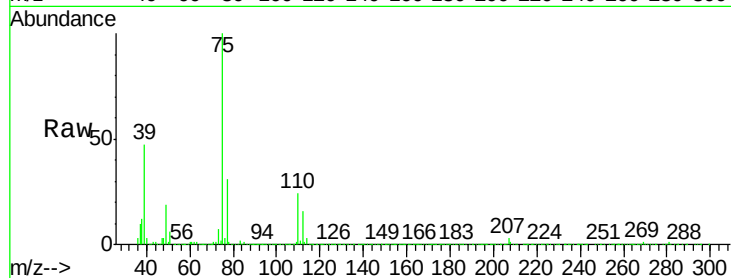
#53
t-1,3-Dichloropropene
Concen: 19.878 ug/l
RT: 9.03 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX015839.D
Acq: 22 Apr 2020 14:16

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.9	25.9	38.9

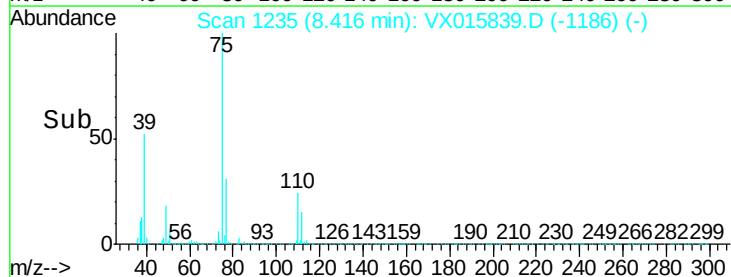
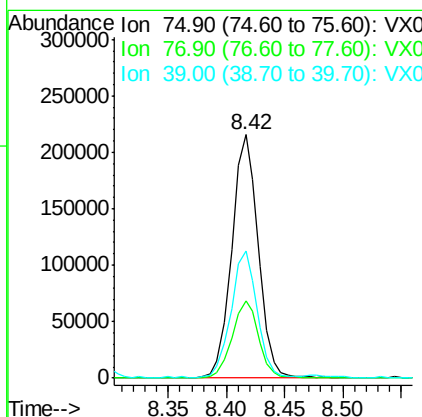
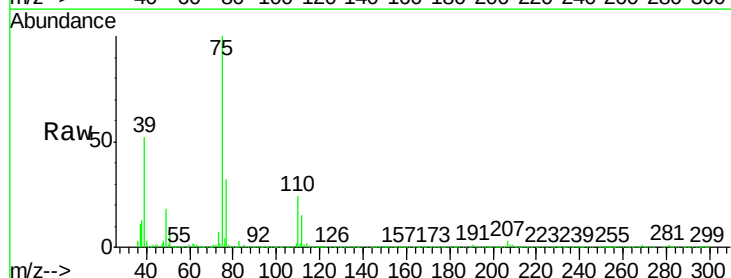
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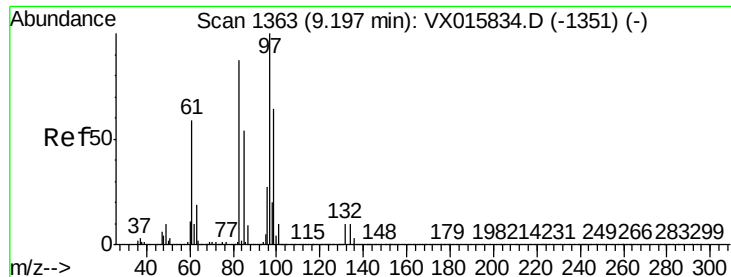
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 19.875 ug/l
RT: 8.42 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VX015839.D
Acq: 22 Apr 2020 14:16

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.6	26.0	39.0
39	51.9	42.8	64.2





#55

1,1,2-Trichloroethane

Concen: 20.026 ug/l

RT: 9.20 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VX015839.D

Acq: 22 Apr 2020 14:16

Instrument :

MSVOA_X

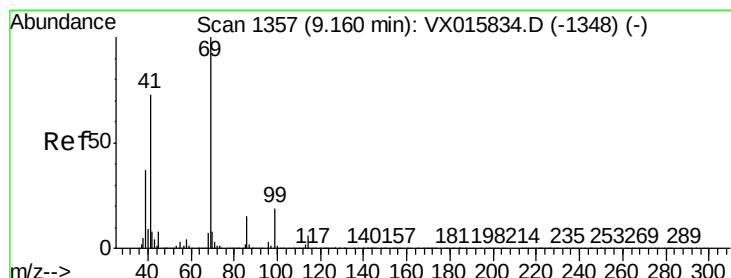
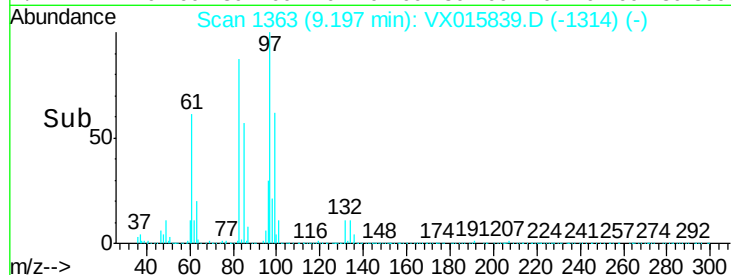
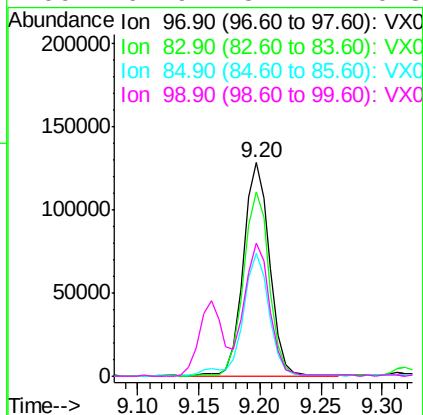
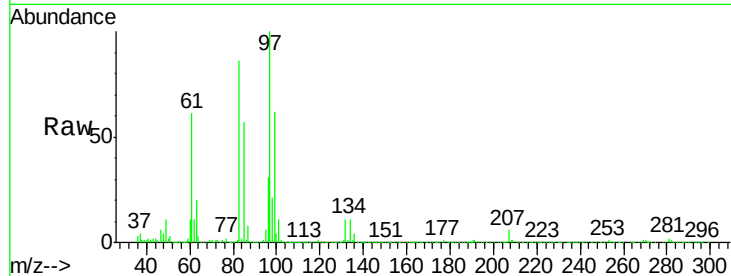
ClientSampleId :

VX0422WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		191687		
83	86.4	69.8	104.8		
85	57.0	43.4	65.2		
99	61.9	51.2	76.8		

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#56

Ethyl methacrylate

Concen: 19.380 ug/l

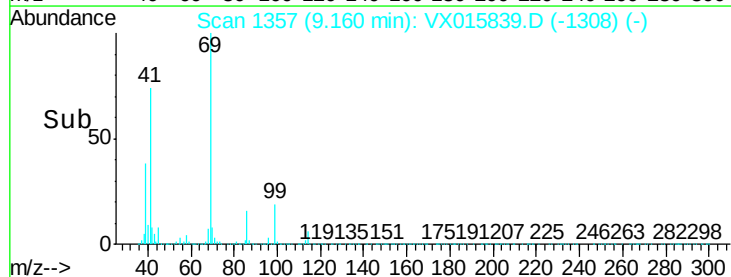
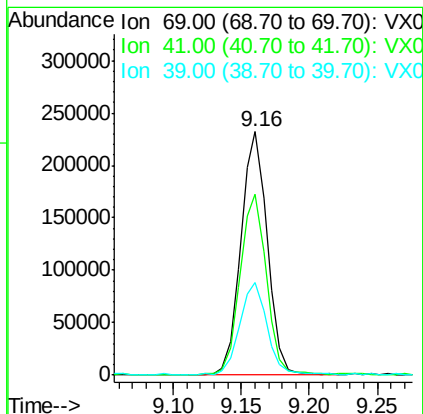
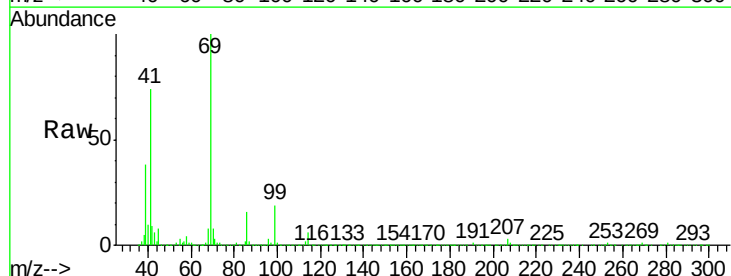
RT: 9.16 min Scan# 1357

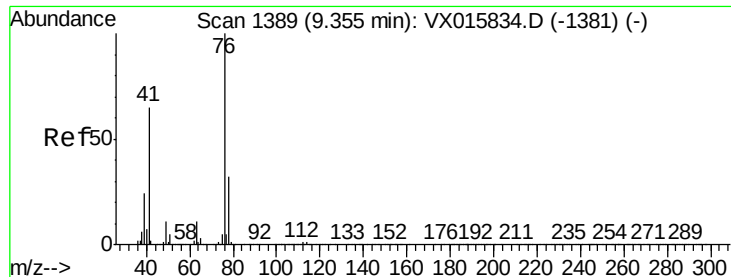
Delta R.T. 0.00 min

Lab File: VX015839.D

Acq: 22 Apr 2020 14:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		314209		
41	73.4	57.4	86.2		
39	38.4	29.7	44.5		





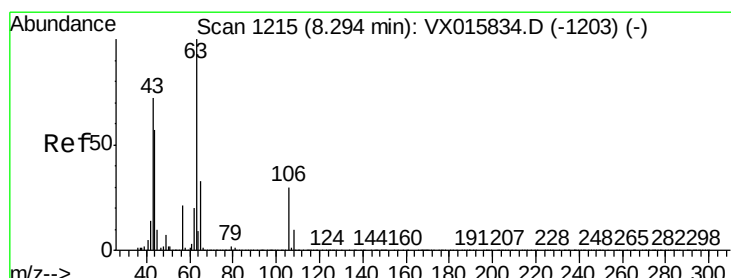
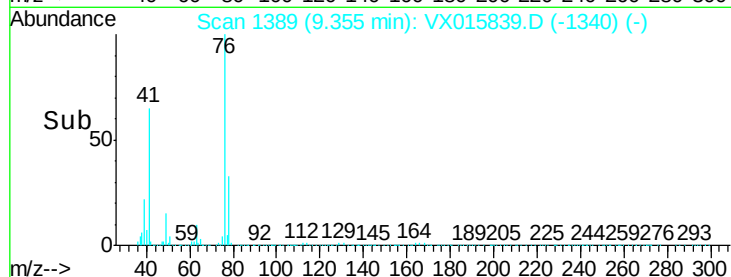
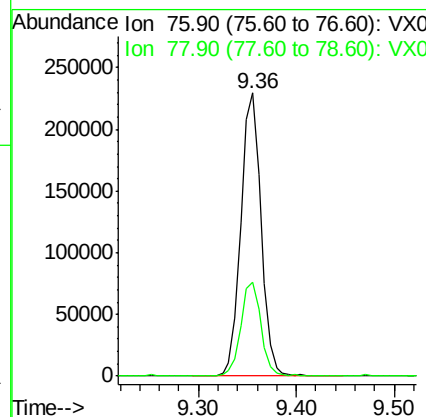
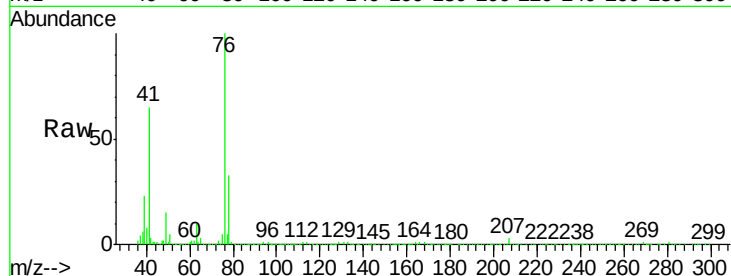
#57
 1,3-Dichloropropane
 Concen: 19.805 ug/l
 RT: 9.36 min Scan# 1389
 Delta R.T. 0.00 min
 Lab File: VX015839.D
 Acq: 22 Apr 2020 14:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0422WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.7	25.4	38.2

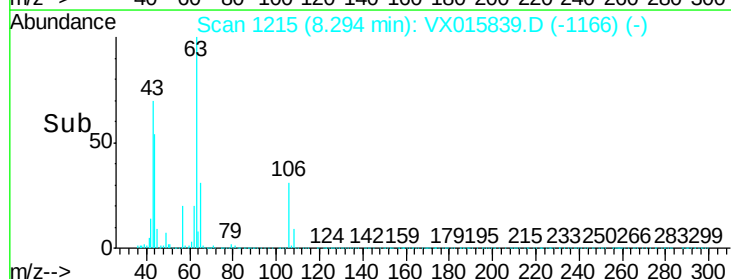
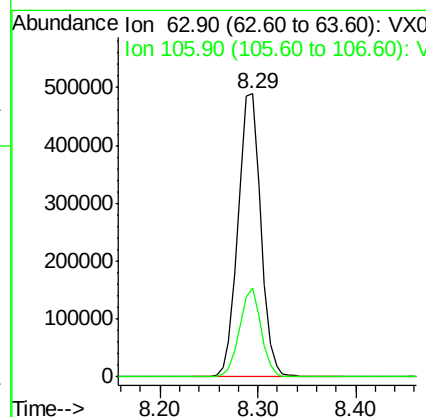
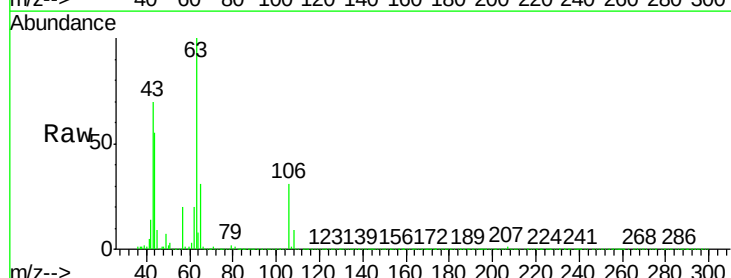
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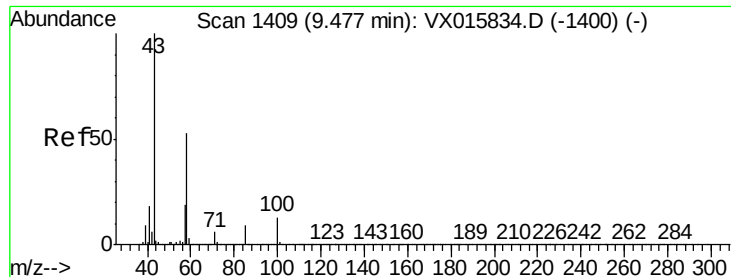
MMDadoda
 4/23/2020 11:58:25 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 97.988 ug/l
 RT: 8.29 min Scan# 1215
 Delta R.T. 0.00 min
 Lab File: VX015839.D
 Acq: 22 Apr 2020 14:16

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.3	23.8	35.8





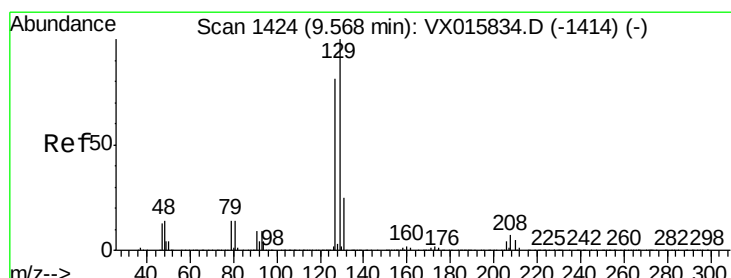
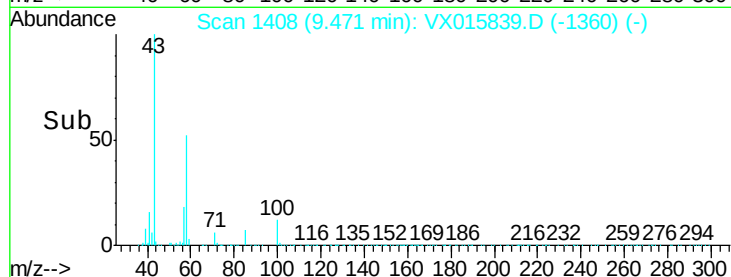
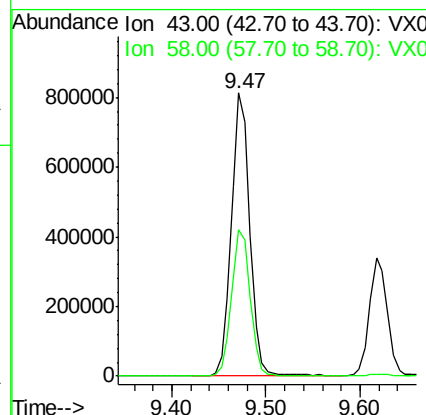
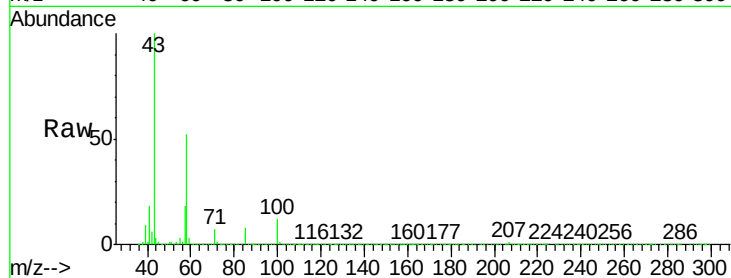
#59
2-Hexanone
Concen: 97.300 ug/l
RT: 9.47 min Scan# 1408
Delta R.T. -0.01 min
Lab File: VX015839.D
Acq: 22 Apr 2020 14:16

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBS01

Tot Ion: 43 Resp: 1090619
Ion Ratio Lower Upper
43 100
58 53.0 26.5 79.4

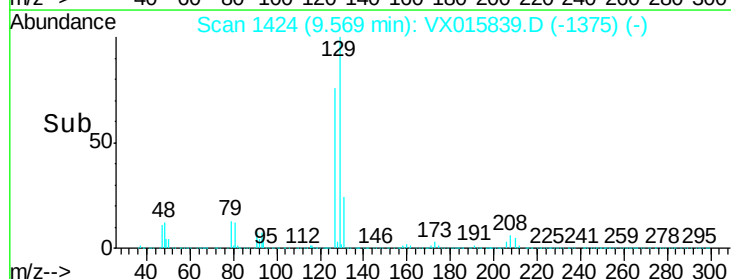
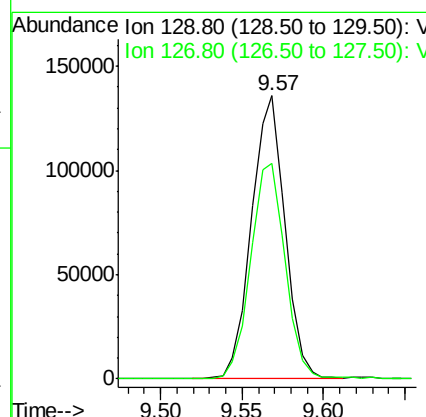
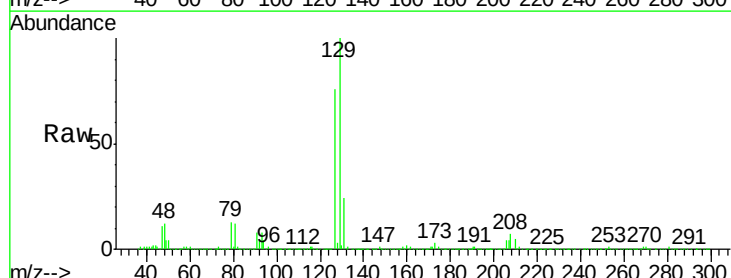
Manual Integrations
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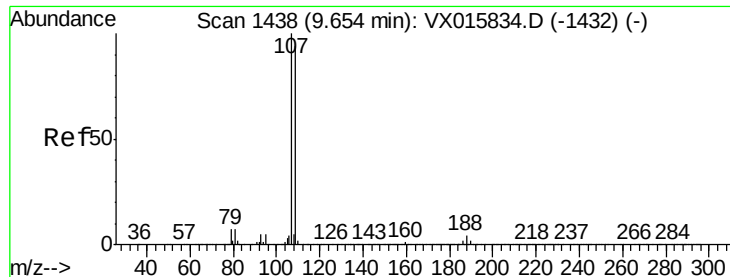
MMDadoda
4/23/2020 11:58:25 AM



#60
Dibromochloromethane
Concen: 19.596 ug/l
RT: 9.57 min Scan# 1424
Delta R.T. 0.00 min
Lab File: VX015839.D
Acq: 22 Apr 2020 14:16

Tgt Ion: 129 Resp: 193704
Ion Ratio Lower Upper
129 100
127 78.4 40.0 120.0





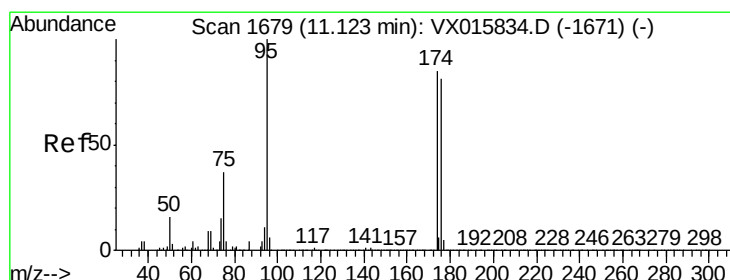
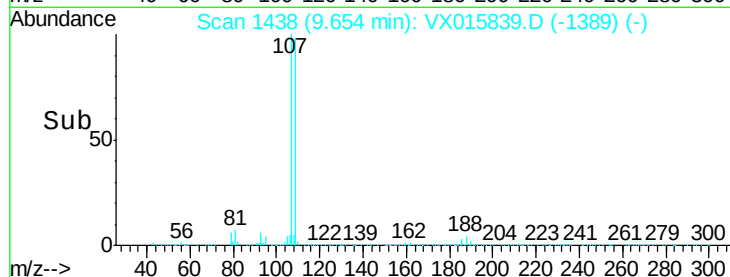
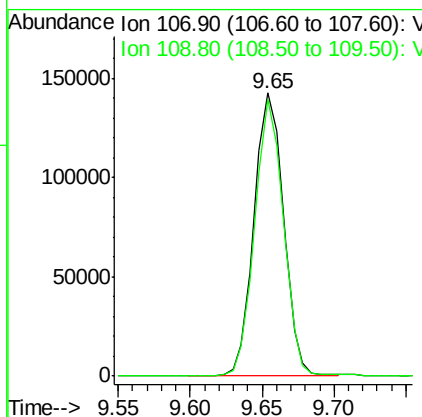
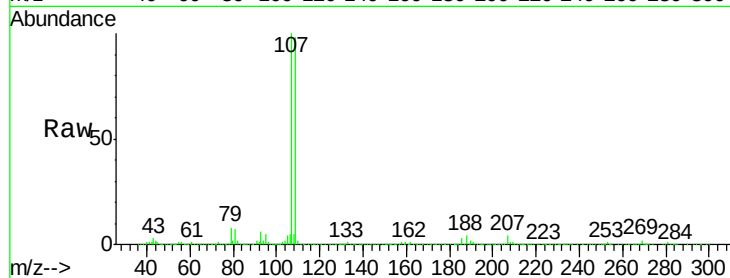
#61
 1,2-Dibromoethane
 Concen: 19.048 ug/l
 RT: 9.65 min Scan# 1438
 Delta R.T. 0.00 min
 Lab File: VX015839.D
 Acq: 22 Apr 2020 14:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0422WBS01

Tot Ion	Ratio	Resp	Lower	Upper
107	100	201506		
109	95.3	75.4	113.0	

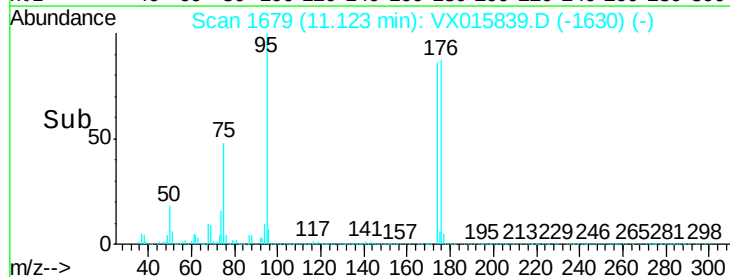
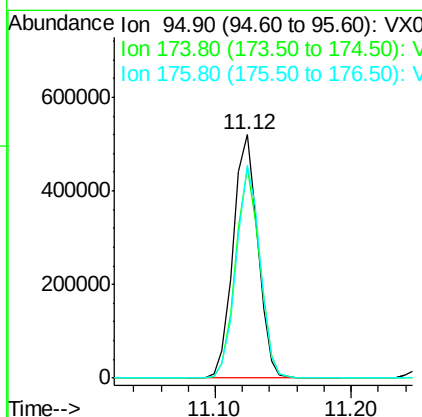
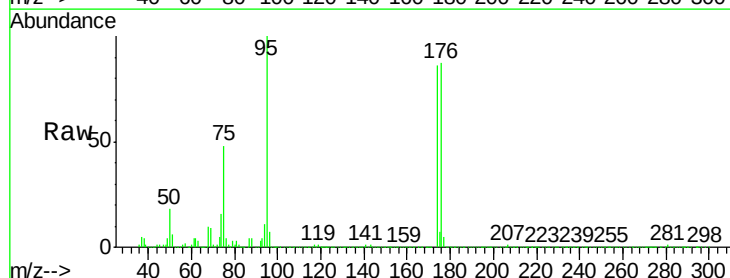
Manual Integrations
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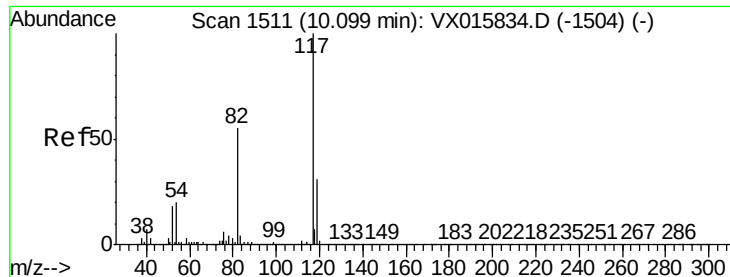
MMDadoda
 4/23/2020 11:58:25 AM



#62
 4-Bromofluorobenzene
 Concen: 48.020 ug/l
 RT: 11.12 min Scan# 1679
 Delta R.T. 0.00 min
 Lab File: VX015839.D
 Acq: 22 Apr 2020 14:16

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	655623		
174	84.8	0.0	172.4	
176	84.5	0.0	167.0	





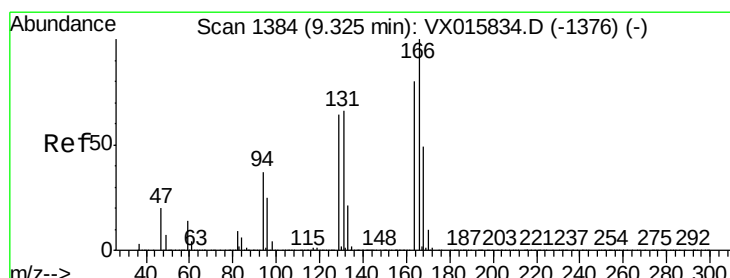
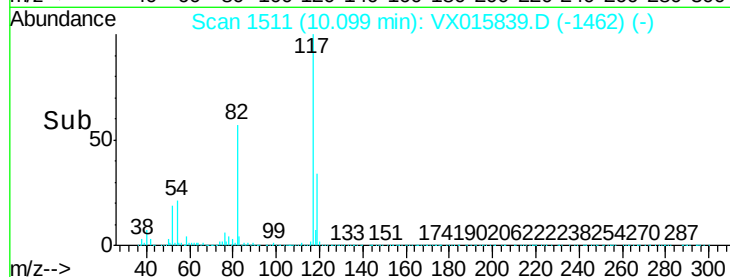
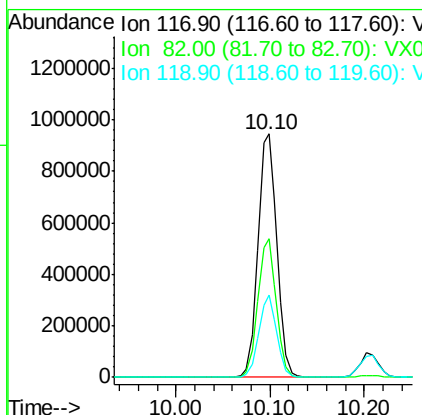
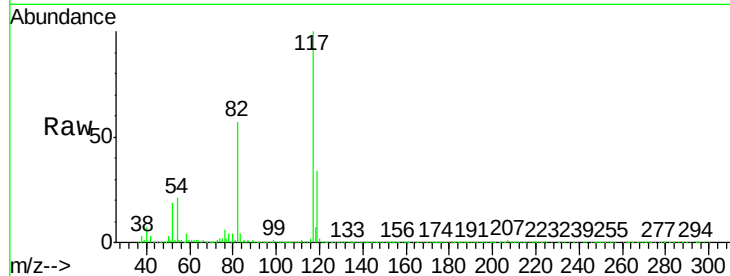
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015839.D
Acq: 22 Apr 2020 14:16

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.1	43.9	65.9
119	33.7	25.1	37.7

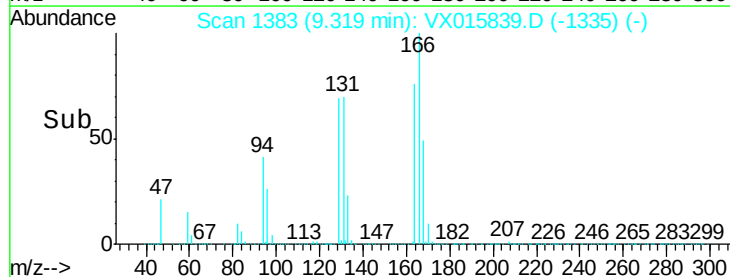
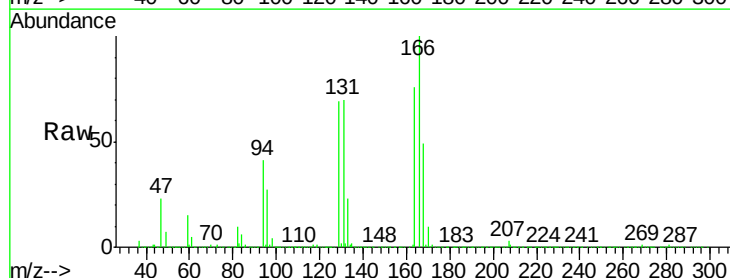
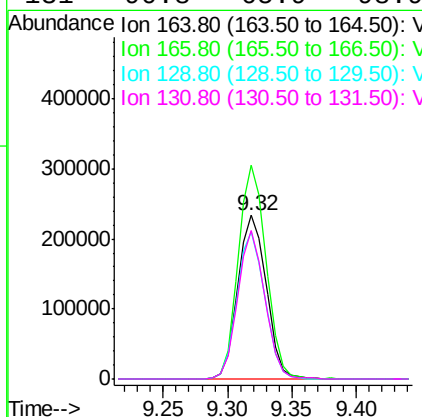
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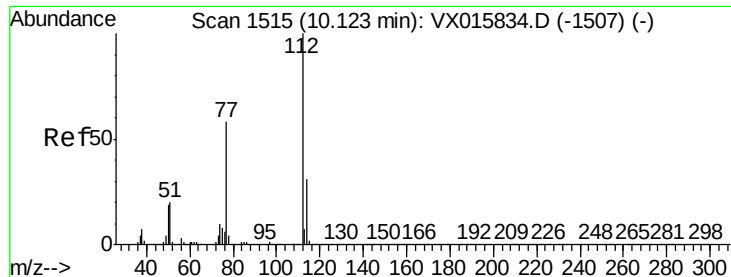
MMDadoda
4/23/2020 11:58:25 AM



#64
Tetrachloroethene
Concen: 19.864 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. -0.01 min
Lab File: VX015839.D
Acq: 22 Apr 2020 14:16

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.7	100.2	150.2
129	90.3	64.5	96.7
131	90.8	65.9	98.9





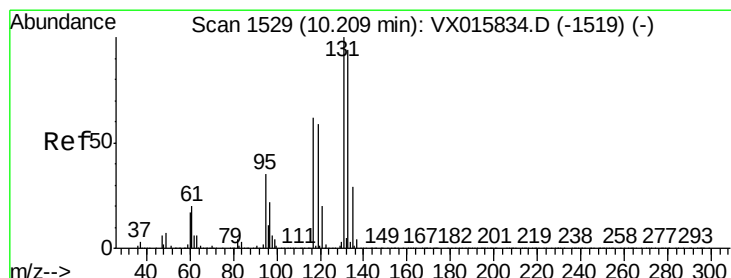
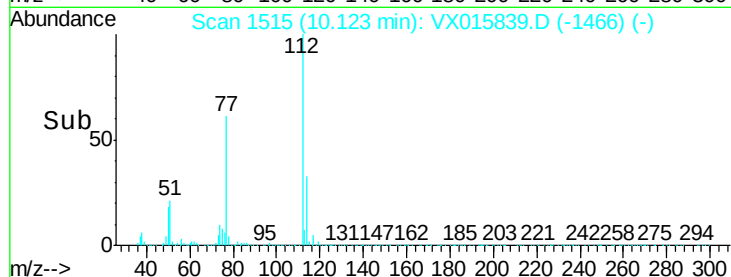
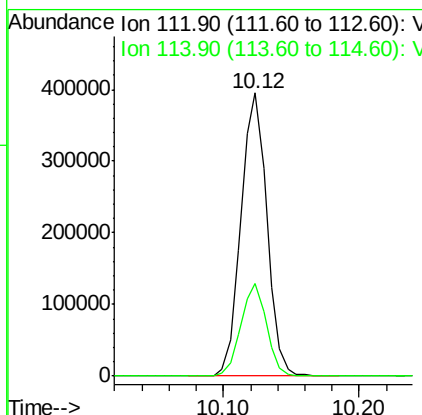
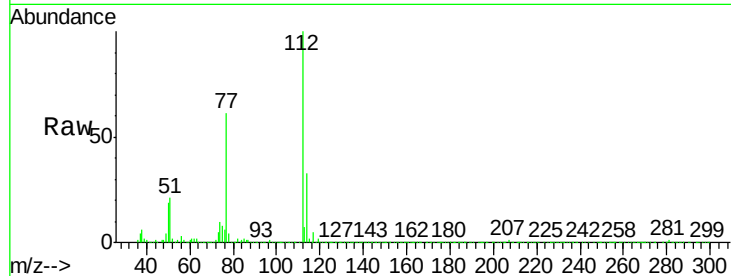
#65
Chlorobenzene
Concen: 19.688 ug/l
RT: 10.12 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VX015839.D
Acq: 22 Apr 2020 14:16

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBS01

Tot Ion	Ratio	Resp	Lower	Upper
112	100	526052		
114	32.9	25.0	37.4	

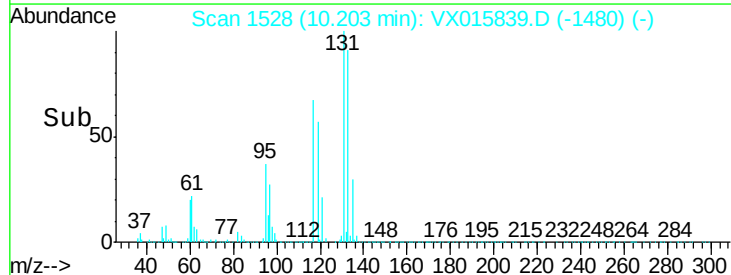
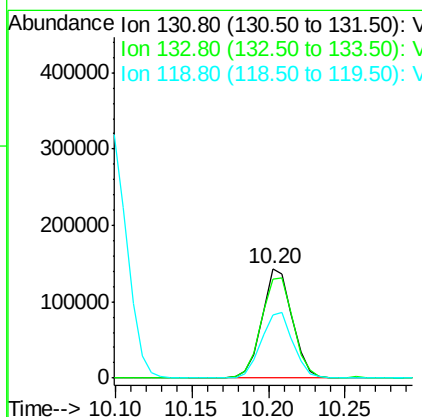
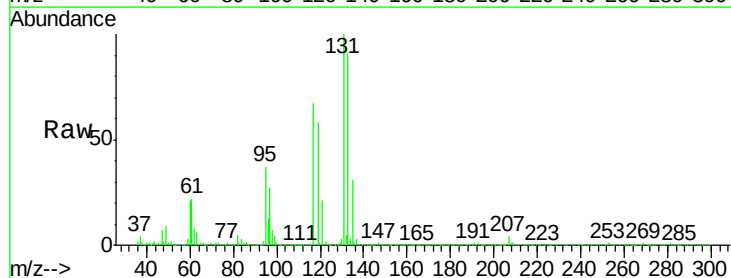
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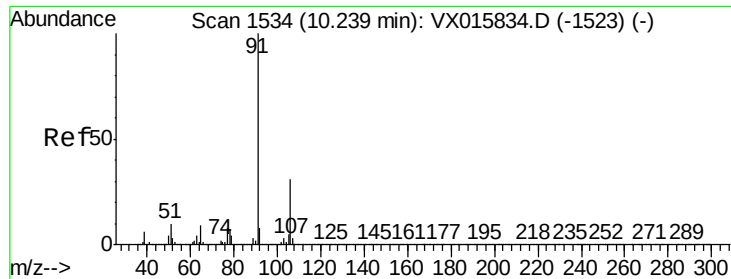
MMDadoda
4/23/2020 11:58:25 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 19.826 ug/l
RT: 10.20 min Scan# 1528
Delta R.T. -0.01 min
Lab File: VX015839.D
Acq: 22 Apr 2020 14:16

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	198012		
133	95.5	47.0	141.2	
119	62.0	30.9	92.8	





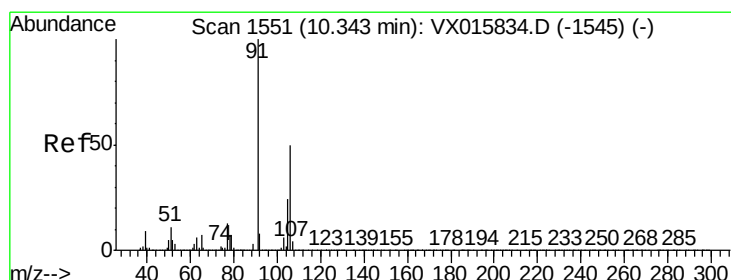
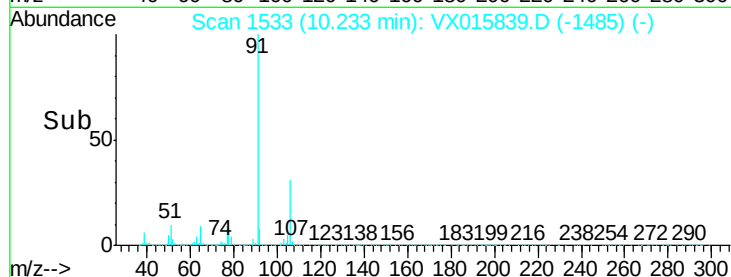
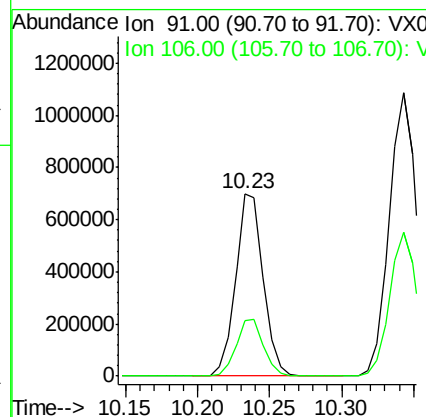
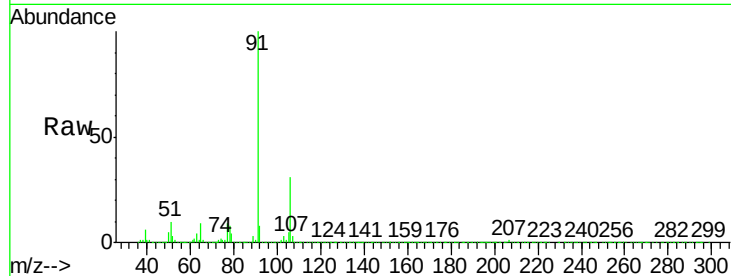
#67
Ethyl Benzene
Concen: 19.955 ug/l
RT: 10.23 min Scan# 1533
Delta R.T. -0.01 min
Lab File: VX015839.D
Acq: 22 Apr 2020 14:16

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBS01

Tot Ion: 91 Resp: 936289
Ion Ratio Lower Upper
91 100
106 30.6 25.0 37.4

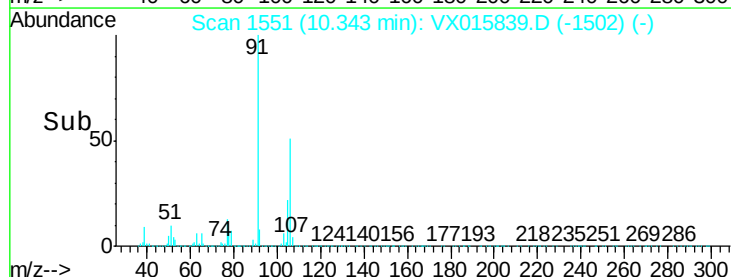
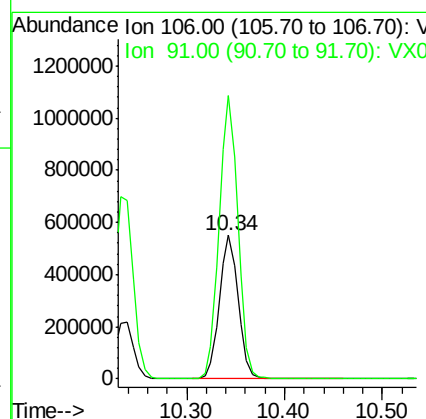
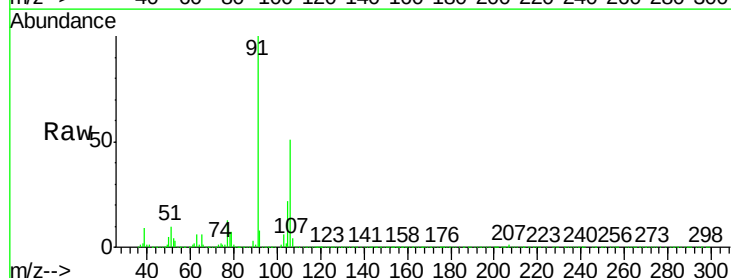
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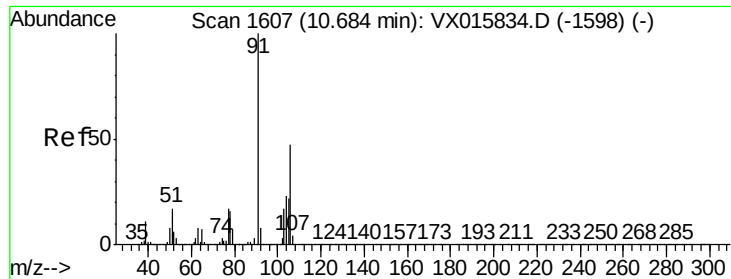
MMDadoda
4/23/2020 11:58:25 AM



#68
m/p-Xylenes
Concen: 41.535 ug/l
RT: 10.34 min Scan# 1551
Delta R.T. 0.00 min
Lab File: VX015839.D
Acq: 22 Apr 2020 14:16

Tgt Ion: 106 Resp: 731501
Ion Ratio Lower Upper
106 100
91 197.6 161.1 241.7





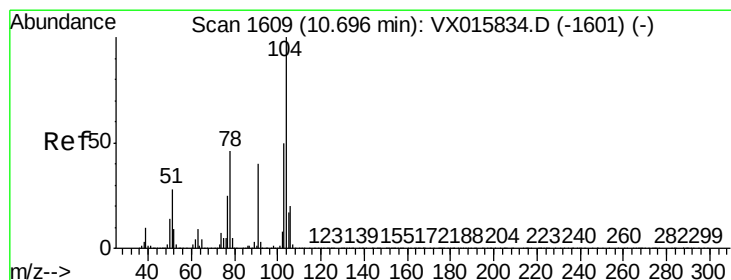
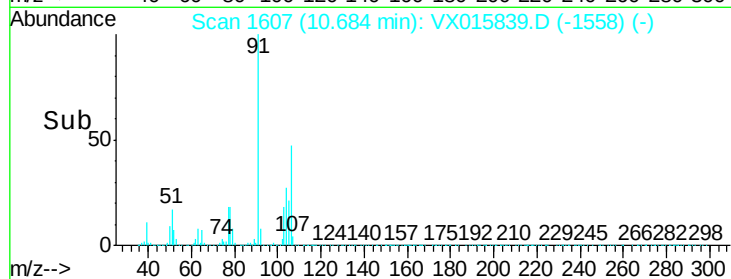
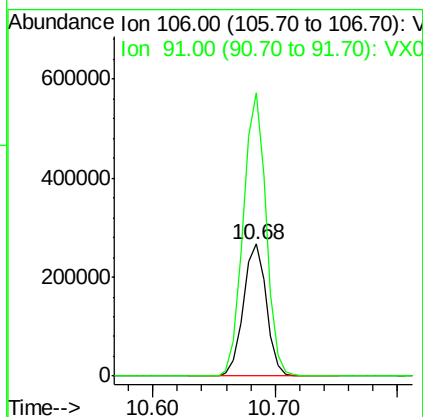
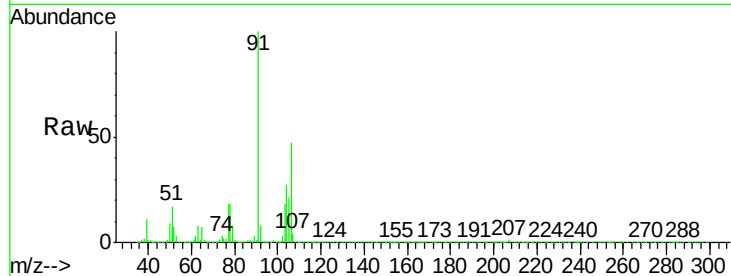
#69
o-Xylene
Concen: 19.980 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VX015839.D
Acq: 22 Apr 2020 14:16

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	212.8	107.1	321.3

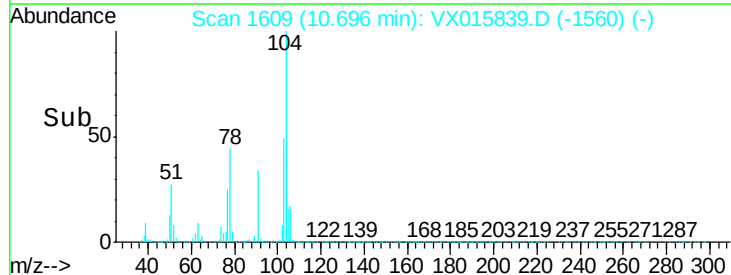
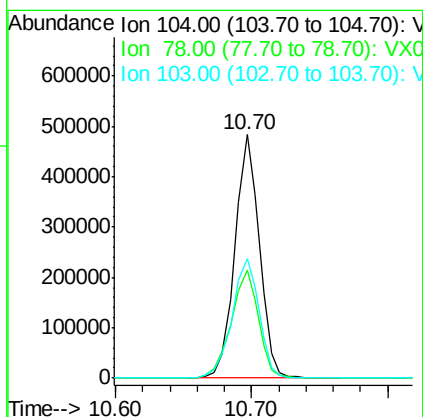
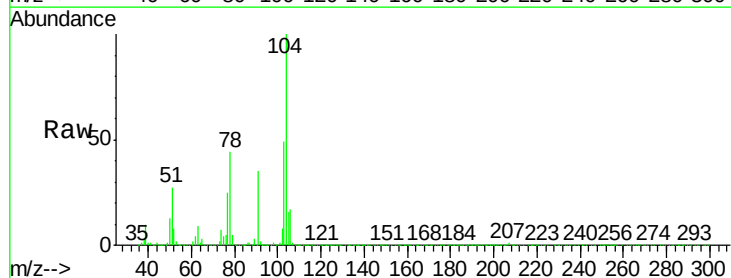
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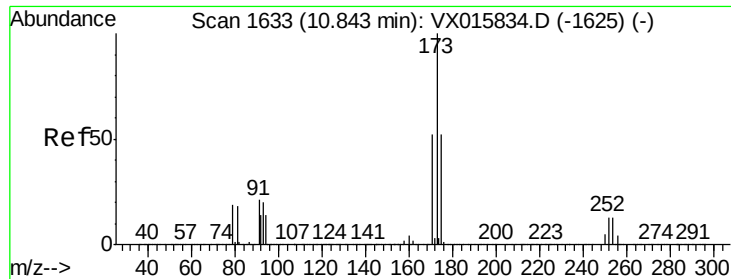
MMDadoda
4/23/2020 11:58:25 AM



#70
Styrene
Concen: 20.061 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015839.D
Acq: 22 Apr 2020 14:16

Tgt Ion	Ratio	Lower	Upper
104	100		
78	49.8	40.1	60.1
103	54.1	43.3	64.9





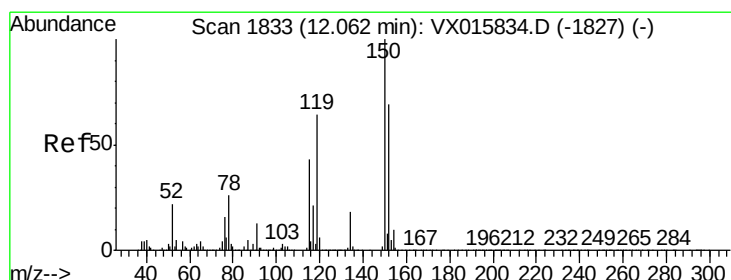
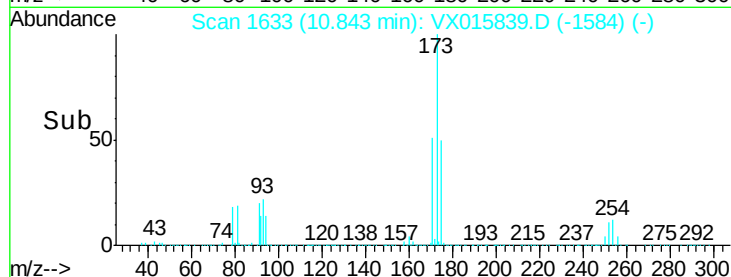
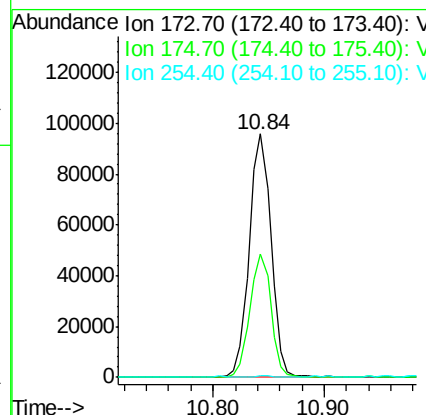
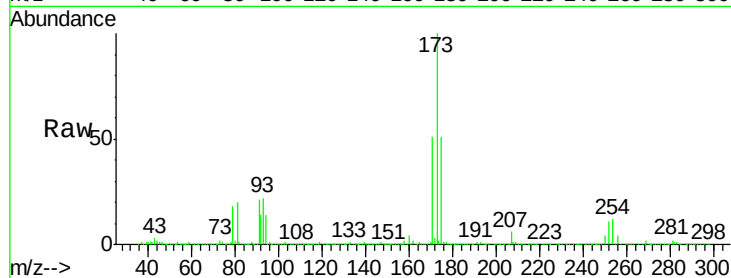
#71
Bromoform
Concen: 20.106 ug/l
RT: 10.84 min Scan# 1633
Delta R.T. 0.00 min
Lab File: VX015839.D
Acq: 22 Apr 2020 14:16

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.0	25.1	75.4
254	0.3	0.3	0.5

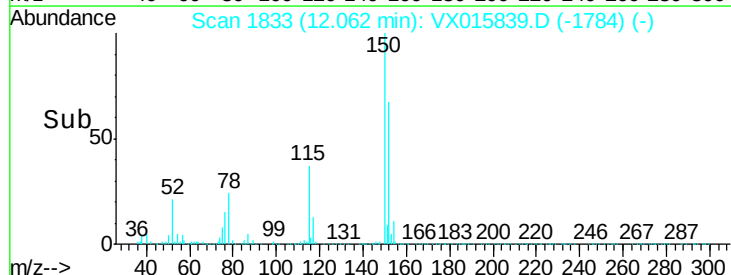
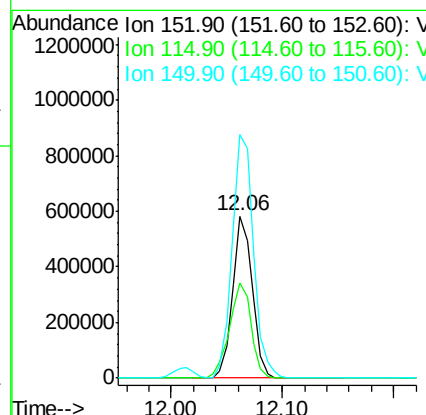
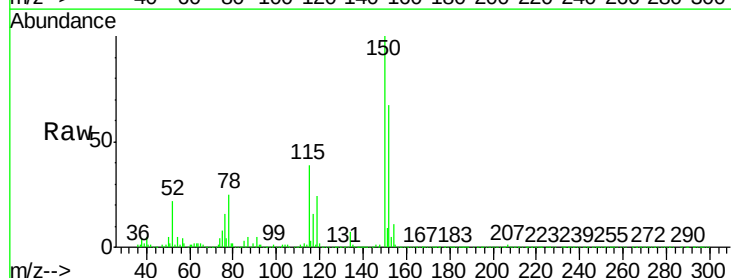
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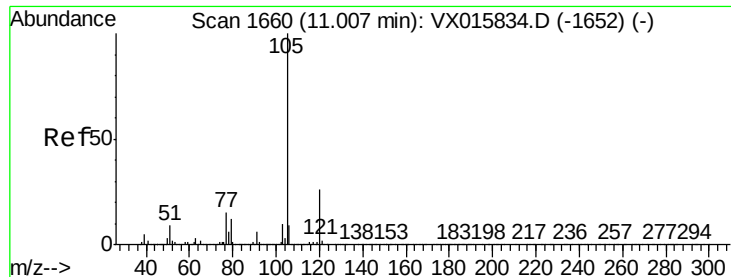
MMDadoda
4/23/2020 11:58:25 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX015839.D
Acq: 22 Apr 2020 14:16

Tgt Ion	Ratio	Lower	Upper
152	100		
115	65.1	39.0	116.9
150	163.7	0.0	336.8





#73

Isopropylbenzene

Concen: 20.693 ug/l

RT: 11.00 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX015839.D

Acq: 22 Apr 2020 14:16

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBS01

Tot Ion: 105 Resp: 929886

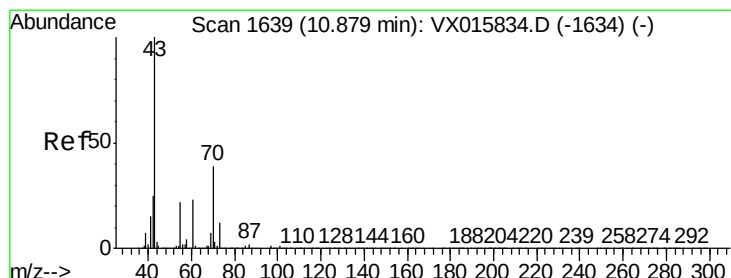
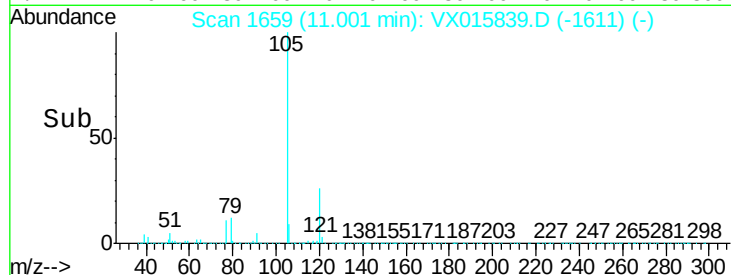
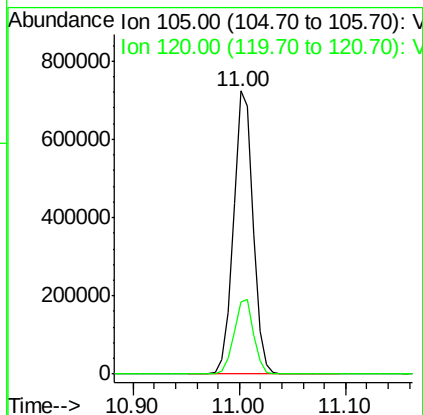
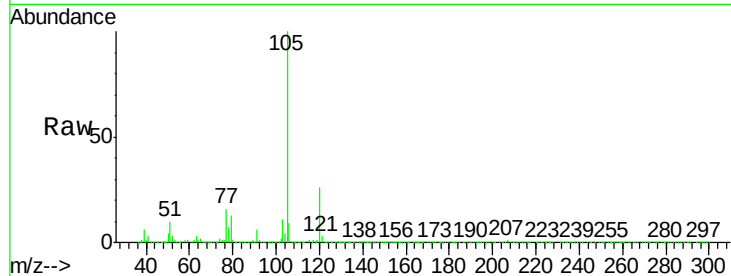
Ion Ratio Lower Upper

105 100

120 26.8 13.1 39.1

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4/23/2020 11:58:25 AM



#74

N-ethyl acetate

Concen: 19.725 ug/l

RT: 10.88 min Scan# 1639

Delta R.T. 0.00 min

Lab File: VX015839.D

Acq: 22 Apr 2020 14:16

Tgt Ion: 43 Resp: 457608

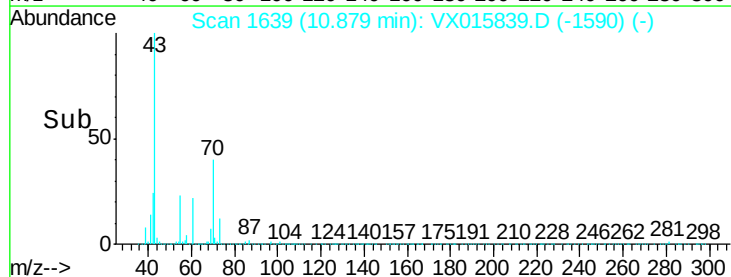
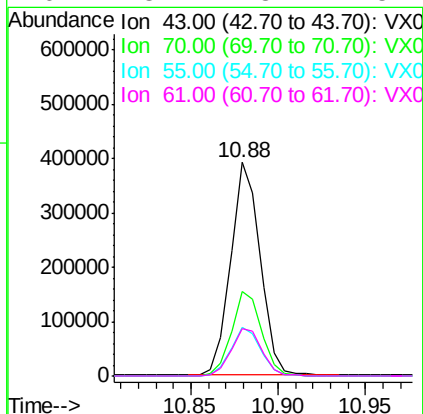
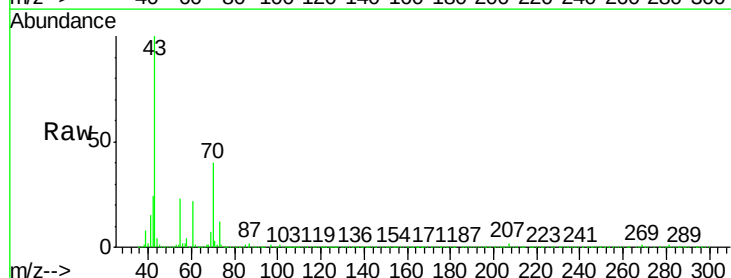
Ion Ratio Lower Upper

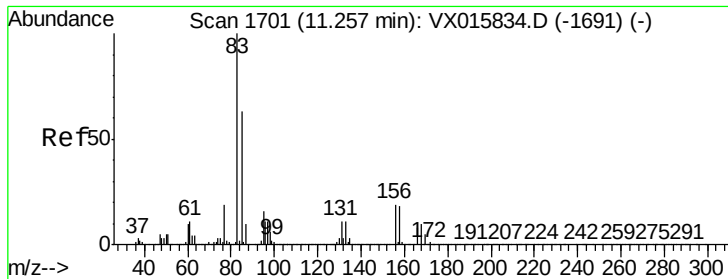
43 100

70 39.8 32.6 49.0

55 23.2 18.3 27.5

61 23.7 18.7 28.1





#75

1,1,2,2-Tetrachloroethane

Concen: 19.483 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.01 min

Lab File: VX015839.D

Acq: 22 Apr 2020 14:16

Instrument :

MSVOA_X

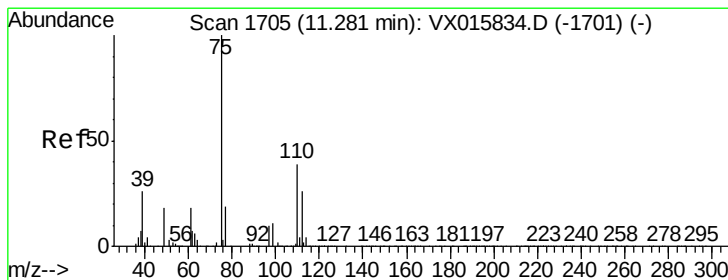
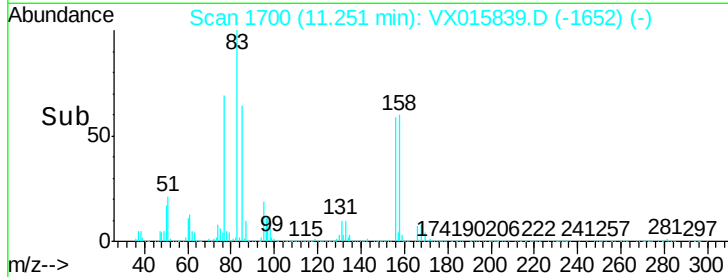
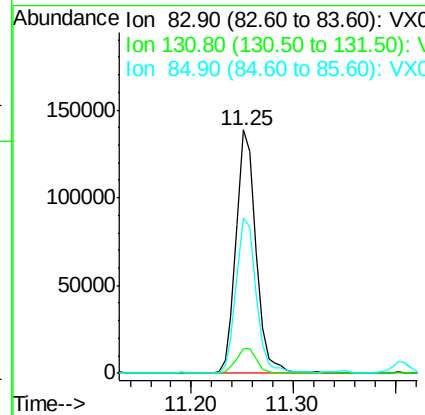
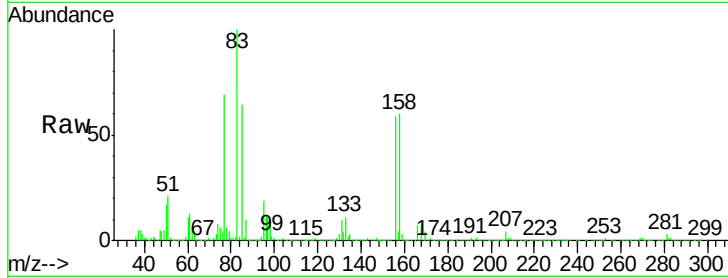
ClientSampleId :

VX0422WBS01

Tot Ion:	83	Resp:	185289
Ion Ratio	Lower	Upper	
83	100		
131	10.8	5.5	16.4
85	64.5	32.4	97.0

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4/23/2020 11:58:25 AM



#76

1,2,3-Trichloropropane

Concen: 20.085 ug/l m

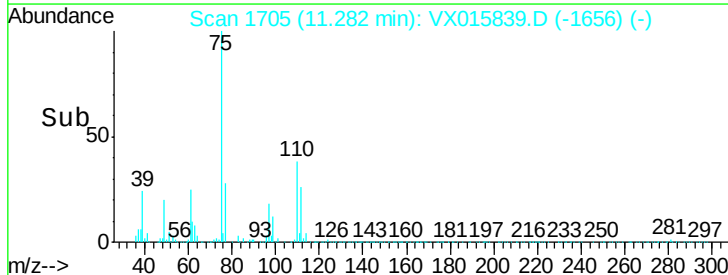
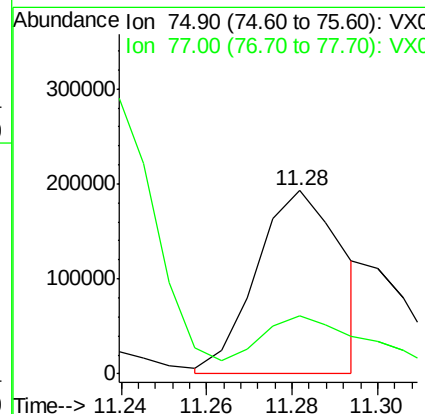
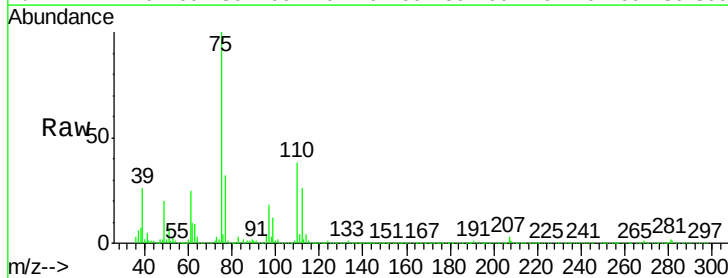
RT: 11.28 min Scan# 1705

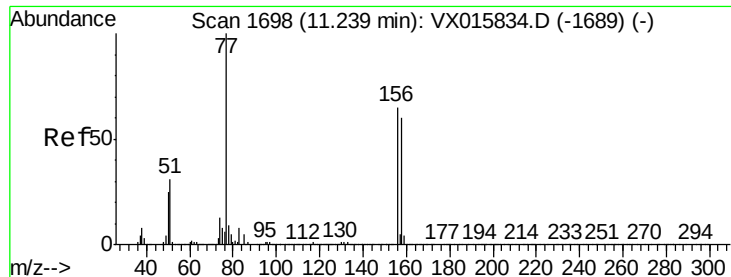
Delta R.T. 0.00 min

Lab File: VX015839.D

Acq: 22 Apr 2020 14:16

Tgt Ion:	75	Resp:	270248
Ion Ratio	Lower	Upper	
75	100		
77	40.4	21.3	63.9





#77

Bromobenzene

Concen: 19.974 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX015839.D

Acq: 22 Apr 2020 14:16

Instrument :

MSVOA_X

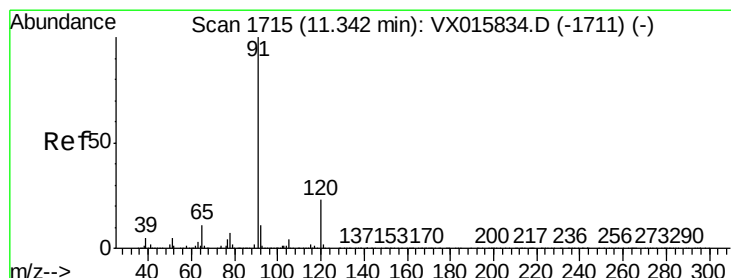
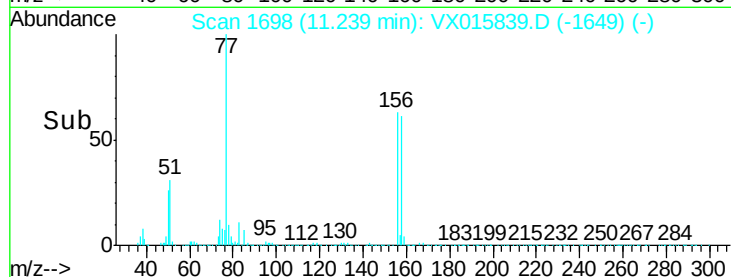
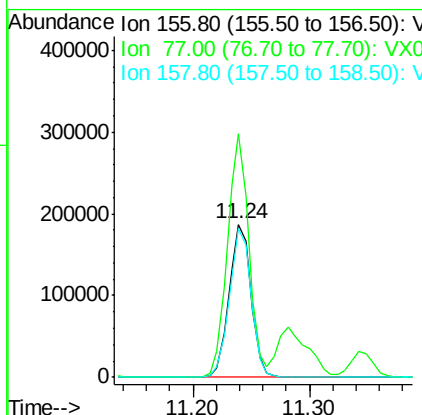
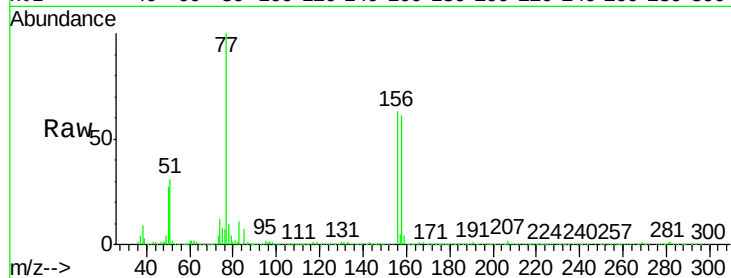
ClientSampleId :

VX0422WBS01

Tot Ion:	156	Resp:	245252
Ion Ratio	Lower	Upper	
156	100		
77	154.9	75.2	225.6
158	96.5	47.9	143.6

Manual Integrations
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4/23/2020 11:58:25 AM



#78

n-propylbenzene

Concen: 20.625 ug/l

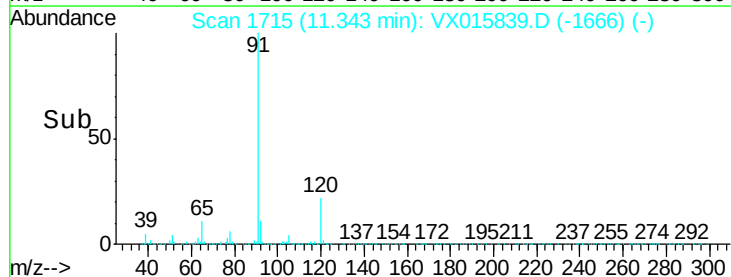
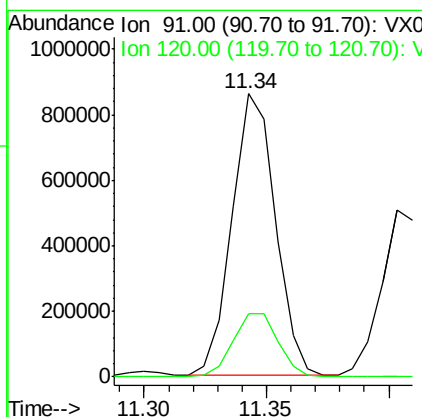
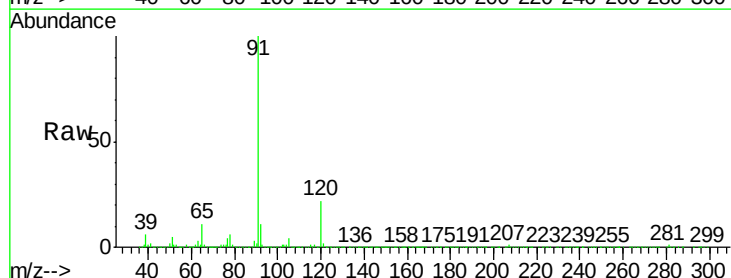
RT: 11.34 min Scan# 1715

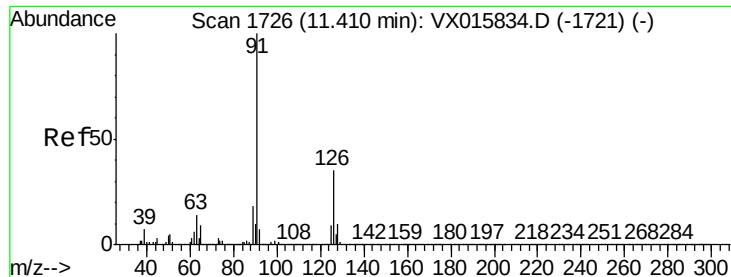
Delta R.T. 0.00 min

Lab File: VX015839.D

Acq: 22 Apr 2020 14:16

Tgt Ion:	91	Resp:	1061732
Ion Ratio	Lower	Upper	
91	100		
120	23.7	11.7	35.1





#79

2-Chlorotoluene

Concen: 20.423 ug/l

RT: 11.40 min Scan# 1725

Delta R.T. -0.01 min

Lab File: VX015839.D

Acq: 22 Apr 2020 14:16

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBS01

Tot Ion: 91 Resp: 631531

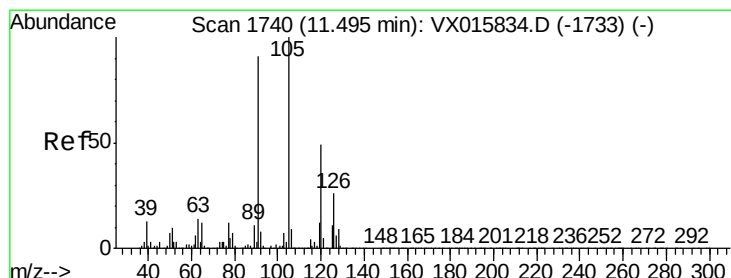
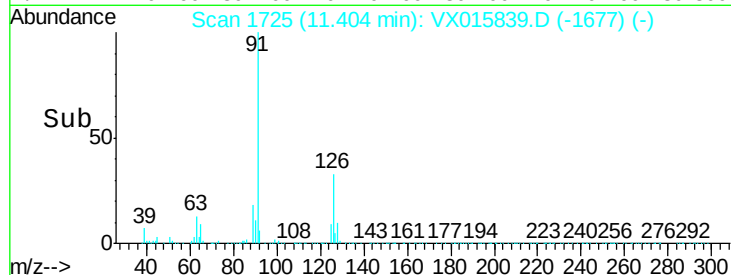
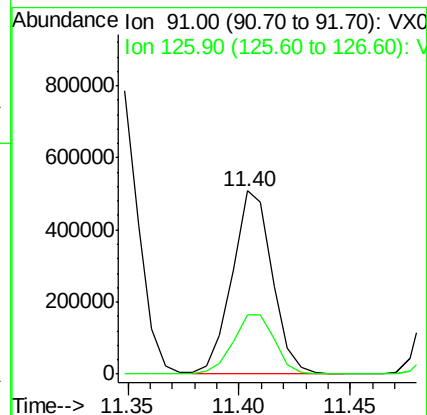
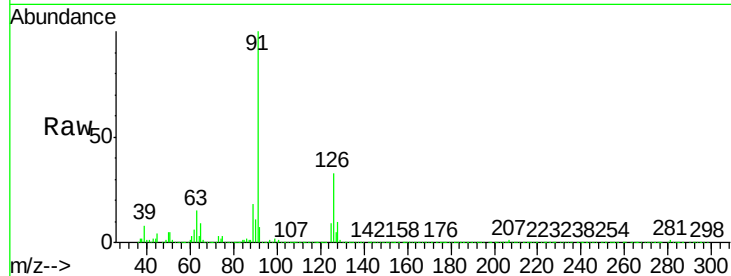
Ion Ratio Lower Upper

91 100

126 34.1 17.2 51.5

Manual Integrations
APPROVED

MMDadoda
4/23/2020 11:58:25 AM



#80

1,3,5-Trimethylbenzene

Concen: 20.872 ug/l

RT: 11.50 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VX015839.D

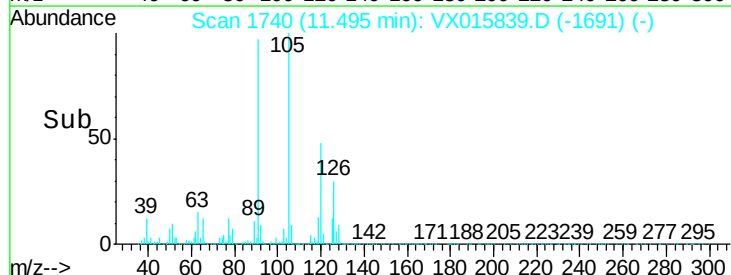
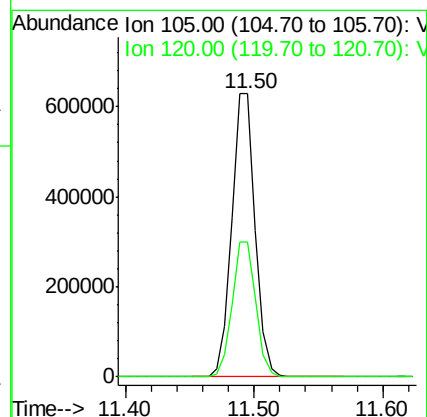
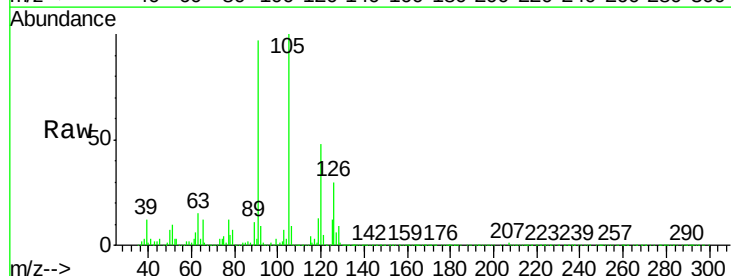
Acq: 22 Apr 2020 14:16

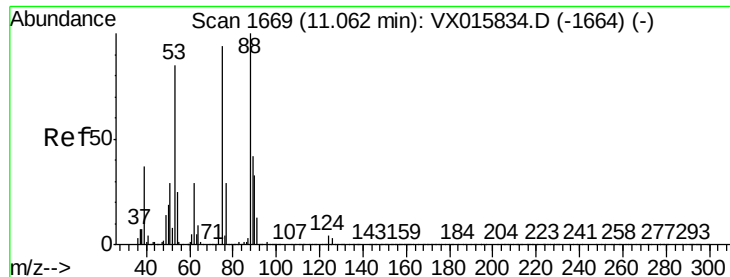
Tgt Ion: 105 Resp: 799758

Ion Ratio Lower Upper

105 100

120 48.5 24.9 74.7





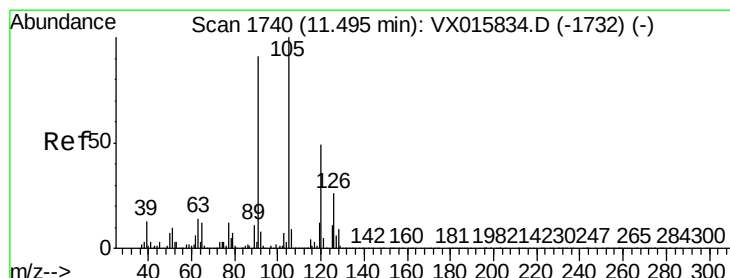
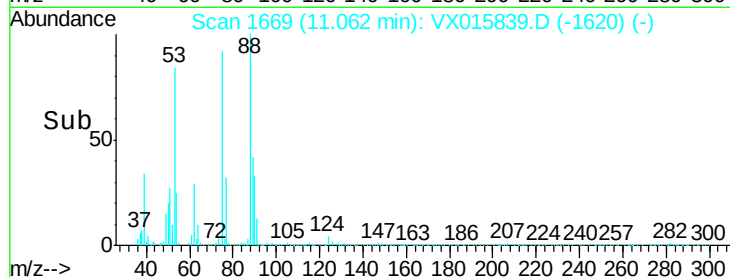
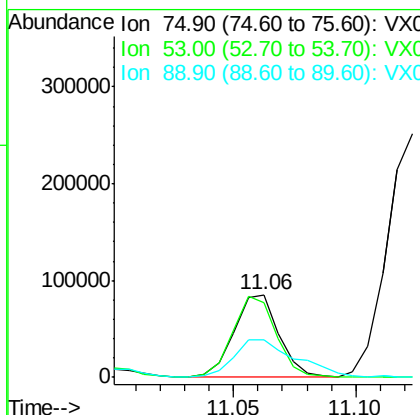
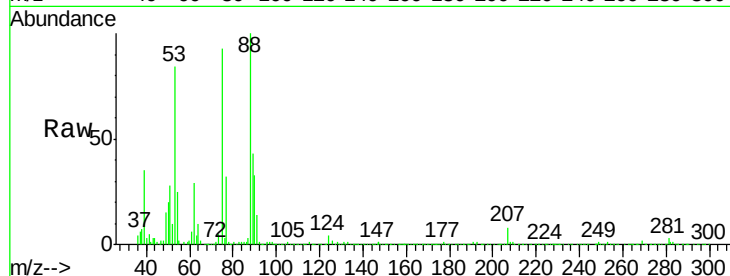
#81
trans-1,4-Dichloro-2-butene
Concen: 19.206 ug/l
RT: 11.06 min Scan# 1669
Delta R.T. 0.00 min
Lab File: VX015839.D
Acq: 22 Apr 2020 14:16

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	95.4	74.2	111.2
89	64.7	38.0	57.0

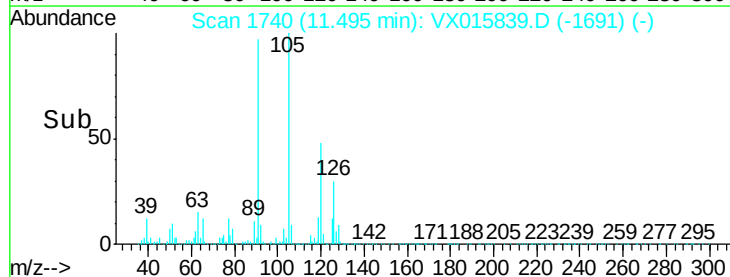
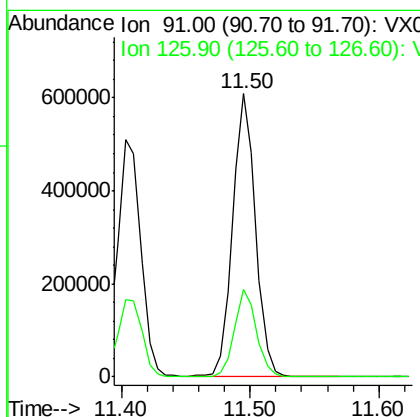
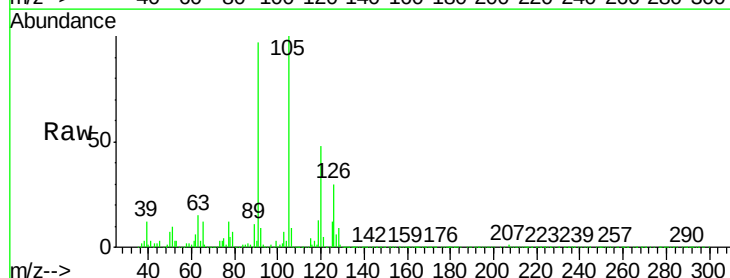
Manual Integrations
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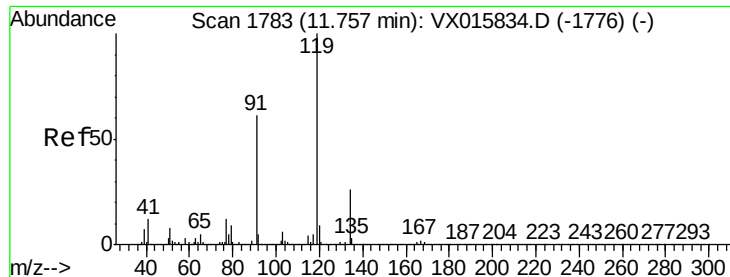
MMDadoda
4/23/2020 11:58:25 AM



#82
4-Chlorotoluene
Concen: 20.398 ug/l
RT: 11.50 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VX015839.D
Acq: 22 Apr 2020 14:16

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.8	15.0	45.0





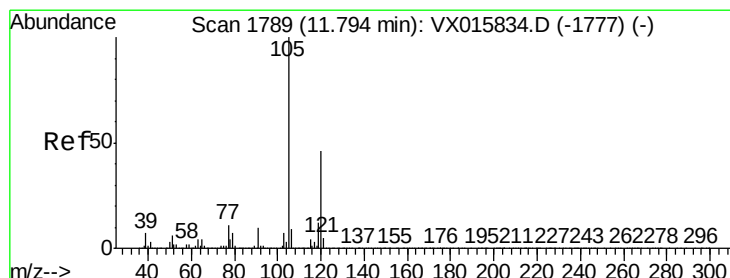
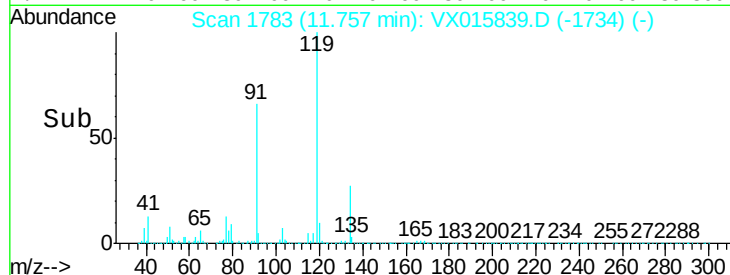
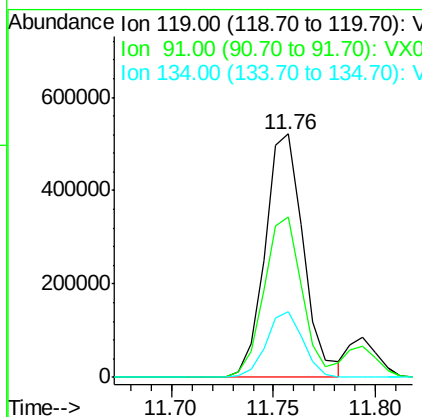
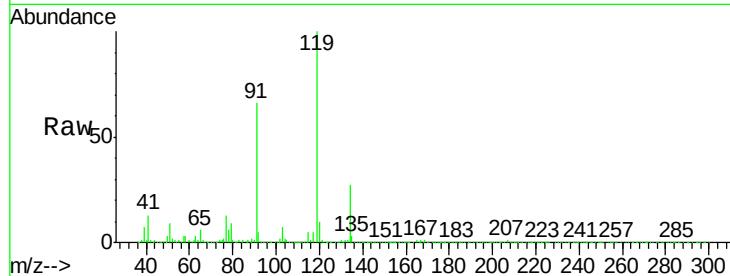
#83
tert-Butylbenzene
Concen: 20.149 ug/l
RT: 11.76 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VX015839.D
Acq: 22 Apr 2020 14:16

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	684849		
91	64.8	30.9	92.7	
134	25.6	12.4	37.2	

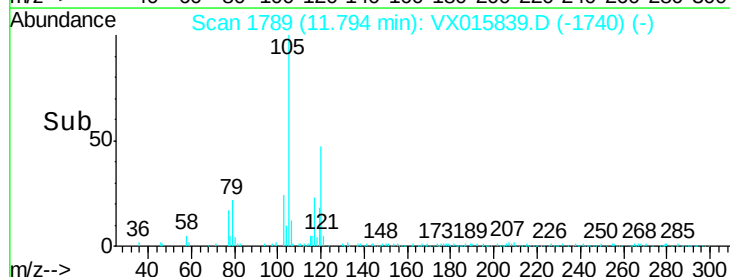
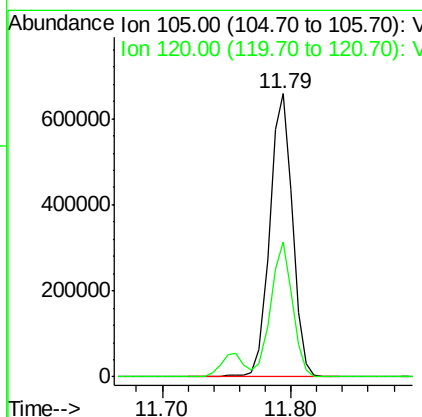
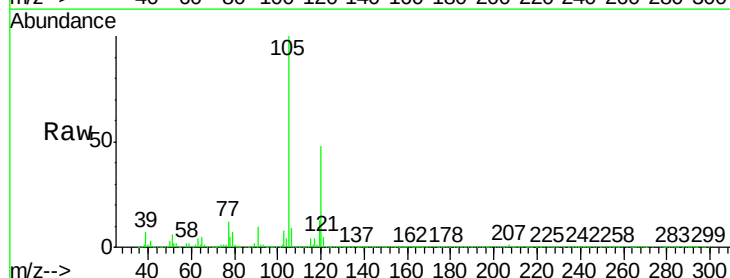
Manual Integrations
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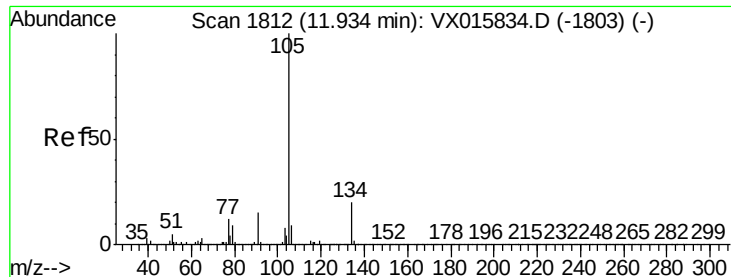
MMDadoda
4/23/2020 11:58:25 AM



#84
1,2,4-Trimethylbenzene
Concen: 20.332 ug/l
RT: 11.79 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX015839.D
Acq: 22 Apr 2020 14:16

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	808840		
120	45.4	22.9	68.7	





#85

sec-Butylbenzene

Concen: 20.367 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VX015839.D

Acq: 22 Apr 2020 14:16

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBS01

Tot Ion:105 Resp: 912548

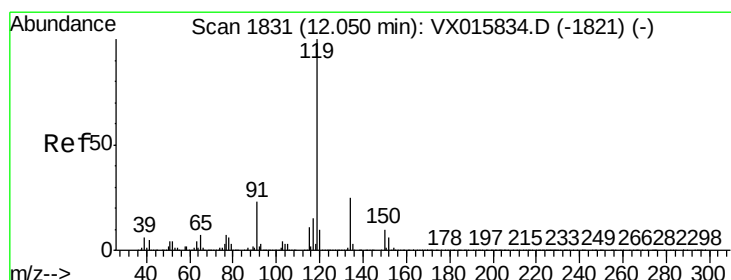
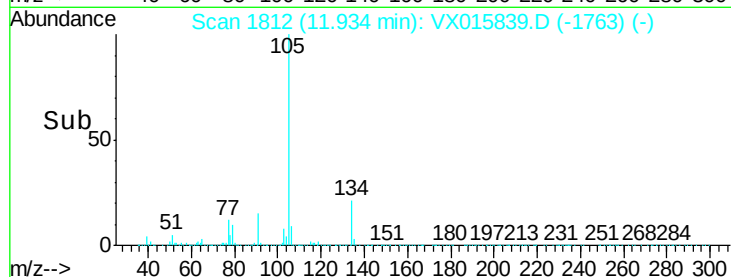
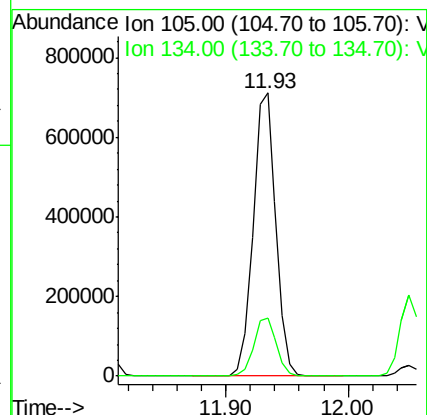
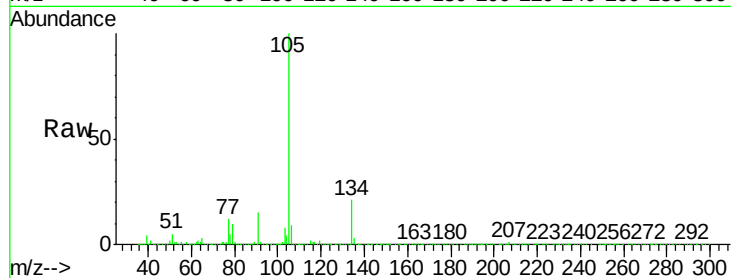
Ion Ratio Lower Upper

105 100

134 20.5 10.3 30.8

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#86

p-Isopropyltoluene

Concen: 20.734 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VX015839.D

Acq: 22 Apr 2020 14:16

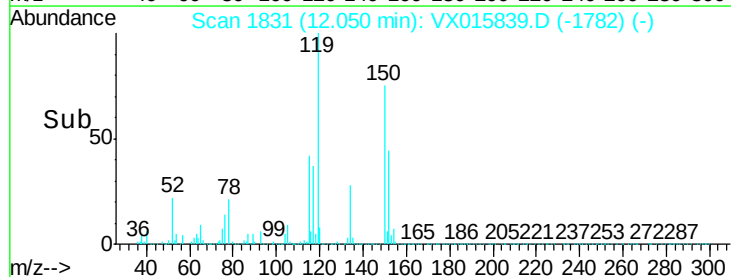
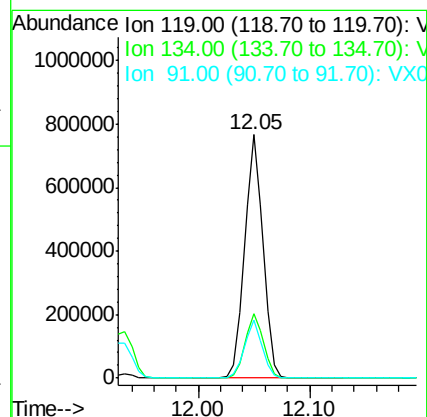
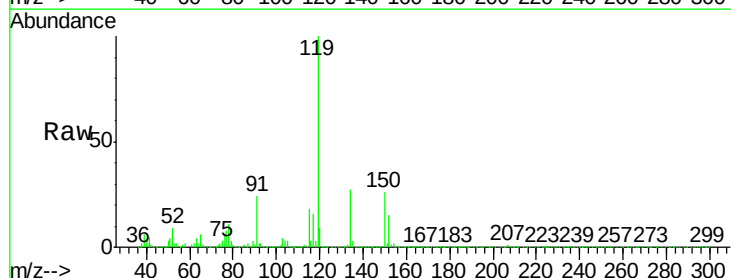
Tgt Ion:119 Resp: 868673

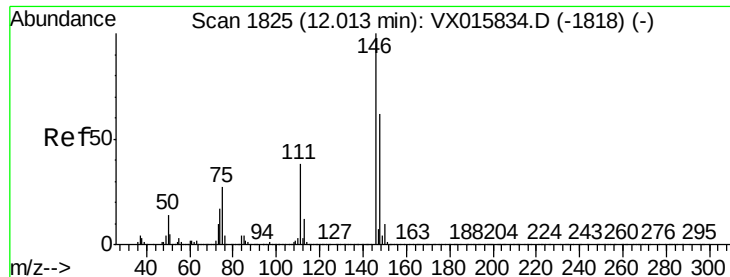
Ion Ratio Lower Upper

119 100

134 26.7 13.0 38.9

91 22.8 11.5 34.5





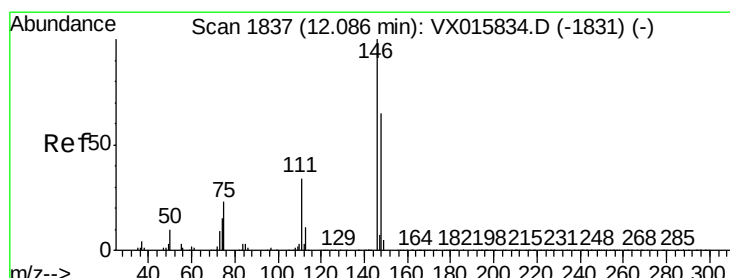
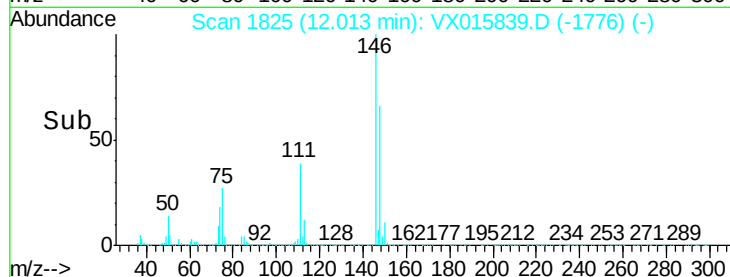
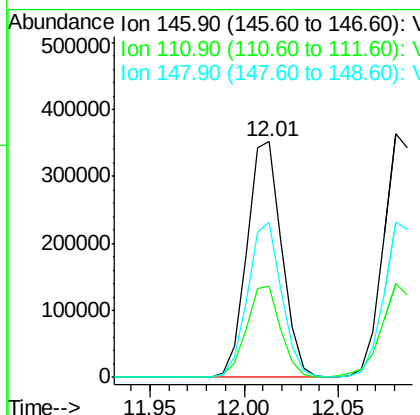
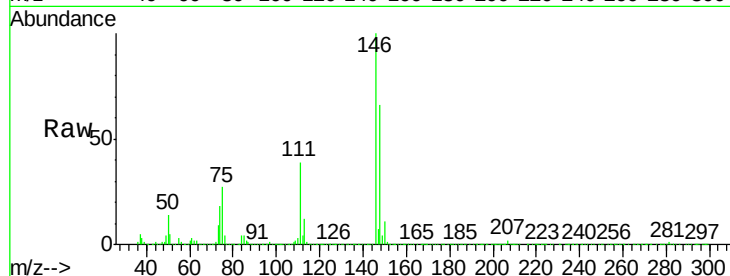
#87
 1,3-Dichlorobenzene
 Concen: 19.961 ug/l
 RT: 12.01 min Scan# 1825
 Delta R.T. 0.00 min
 Lab File: VX015839.D
 Acq: 22 Apr 2020 14:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0422WBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	449895		
111	37.9	19.1	57.1	
148	64.3	30.9	92.7	

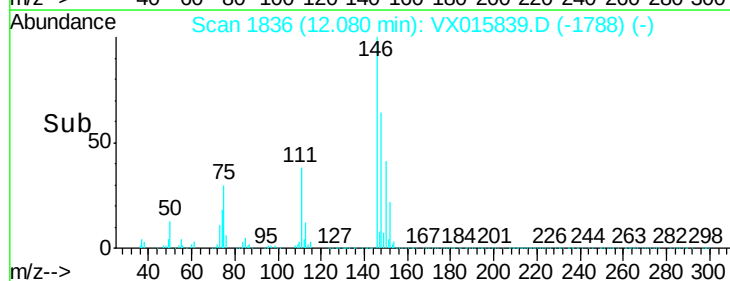
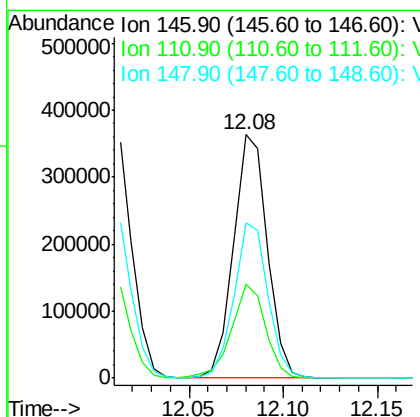
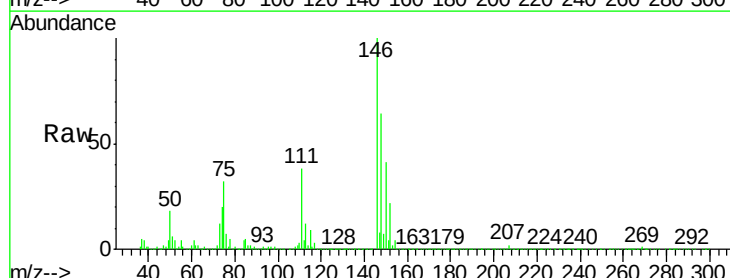
Manual Integrations
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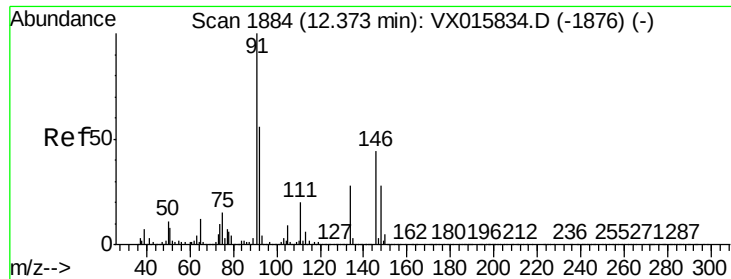
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 4/23/2020 11:58:25 AM



#88
 1,4-Dichlorobenzene
 Concen: 19.956 ug/l
 RT: 12.08 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: VX015839.D
 Acq: 22 Apr 2020 14:16

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	450253		
111	38.6	19.4	58.2	
148	63.9	33.8	101.4	





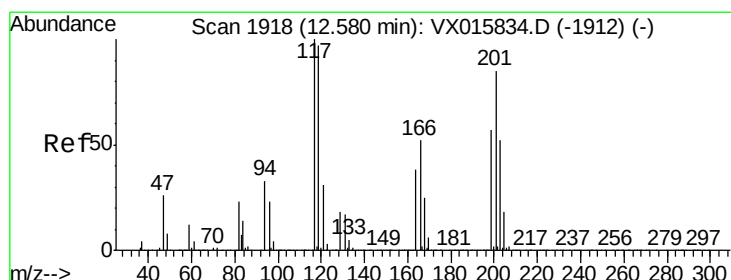
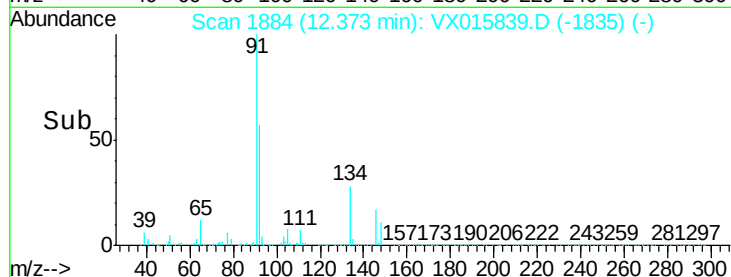
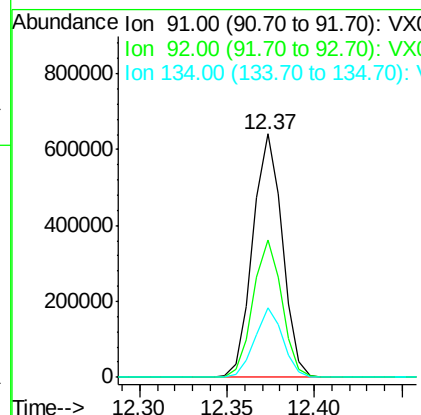
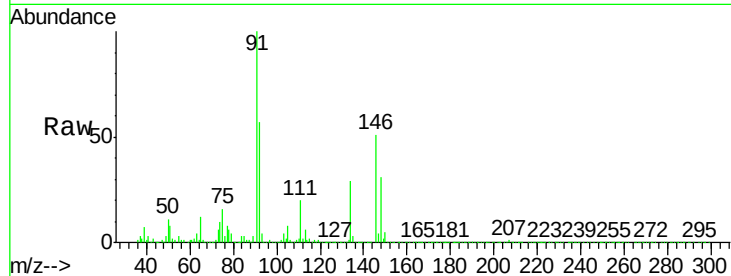
#89
n-Butylbenzene
Concen: 20.145 ug/l
RT: 12.37 min Scan# 1884
Delta R.T. 0.00 min
Lab File: VX015839.D
Acq: 22 Apr 2020 14:16

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.6	27.7	83.1
134	27.7	14.1	42.4

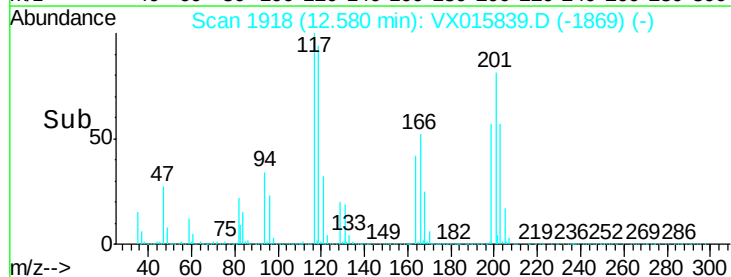
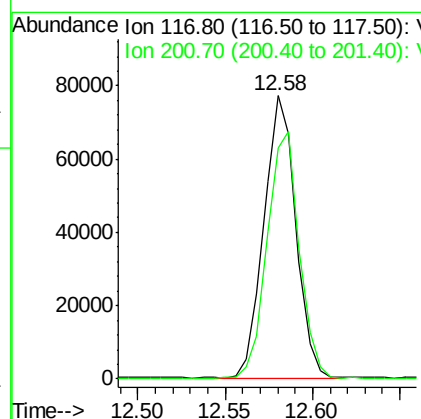
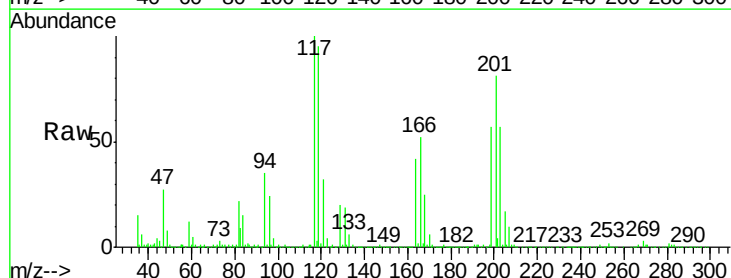
Manual Integrations
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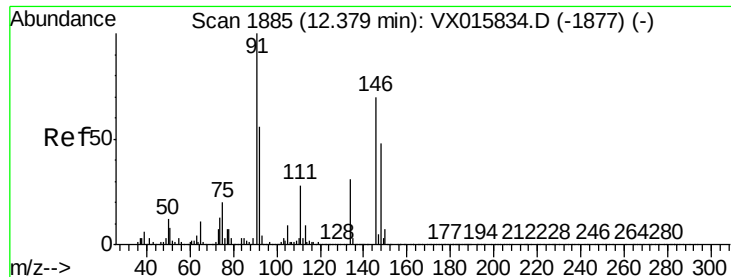
MMDadoda
4/23/2020 11:58:25 AM



#90
Hexachloroethane
Concen: 22.497 ug/l
RT: 12.58 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VX015839.D
Acq: 22 Apr 2020 14:16

Tgt Ion	Ratio	Lower	Upper
117	100		
201	88.1	45.6	136.9





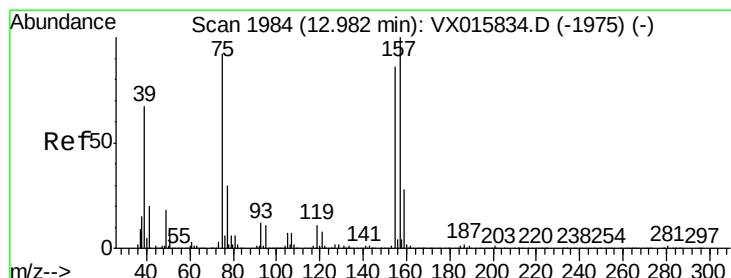
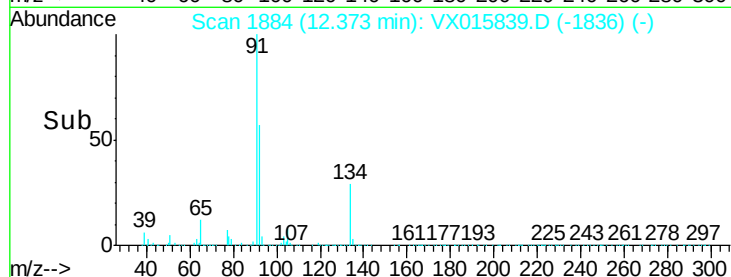
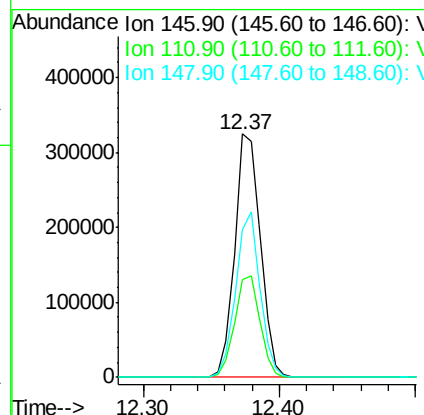
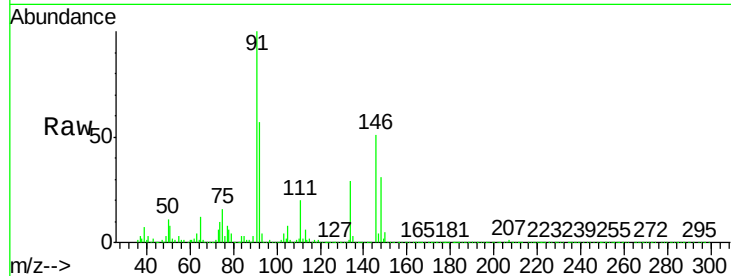
#91
 1,2-Dichlorobenzene
 Concen: 19.873 ug/l
 RT: 12.37 min Scan# 1884
 Delta R.T. -0.01 min
 Lab File: VX015839.D
 Acq: 22 Apr 2020 14:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0422WBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	424825		
111	41.2	20.3	61.0	
148	64.4	32.1	96.3	

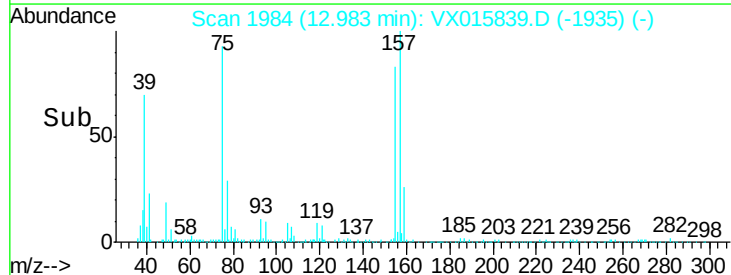
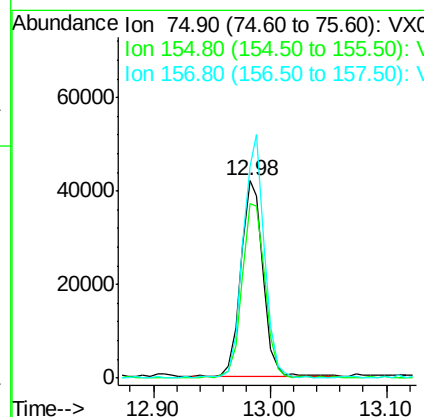
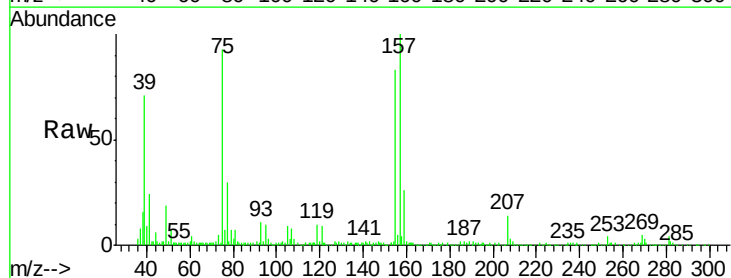
Manual Integrations
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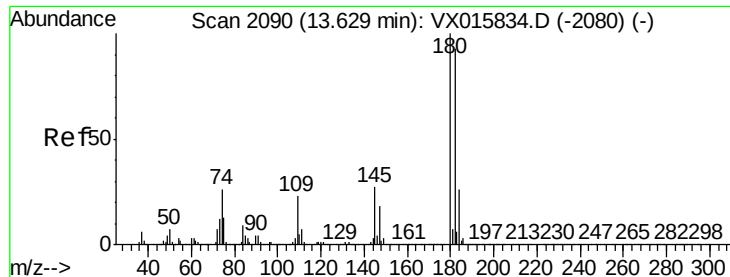
MMDadoda
 4/23/2020 11:58:25 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.538 ug/l
 RT: 12.98 min Scan# 1984
 Delta R.T. 0.00 min
 Lab File: VX015839.D
 Acq: 22 Apr 2020 14:16

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	55104		
155	93.6	48.1	144.4	
157	120.6	58.9	176.7	





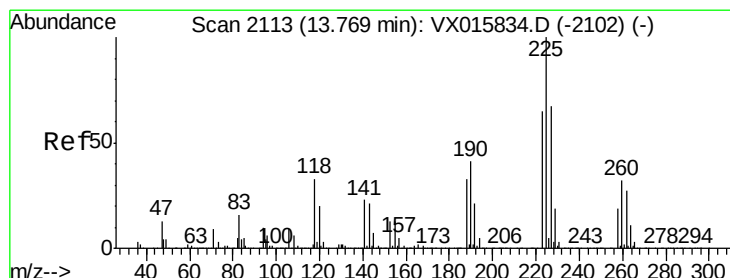
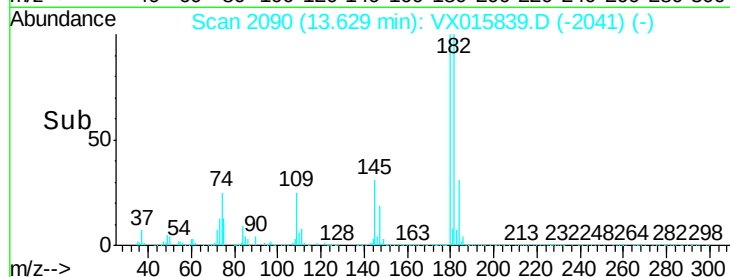
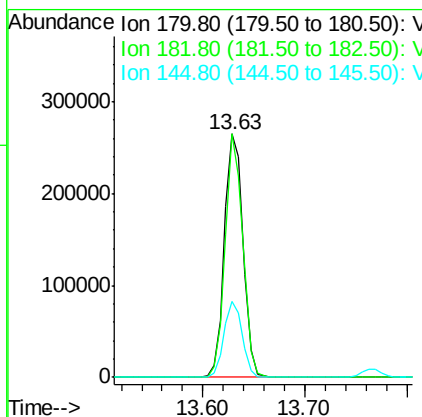
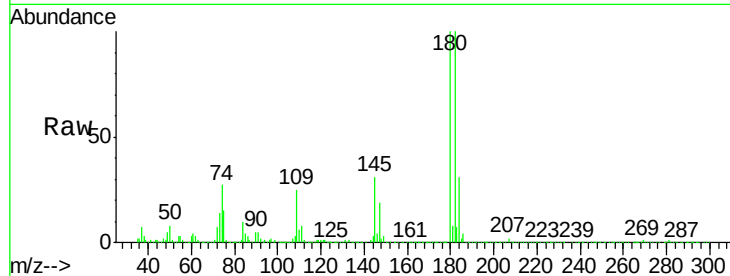
#93
1,2,4-Trichlorobenzene
Concen: 19.901 ug/l
RT: 13.63 min Scan# 2090
Delta R.T. 0.00 min
Lab File: VX015839.D
Acq: 22 Apr 2020 14:16

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	335206		
182	94.3	47.7	143.1	
145	30.7	14.5	43.5	

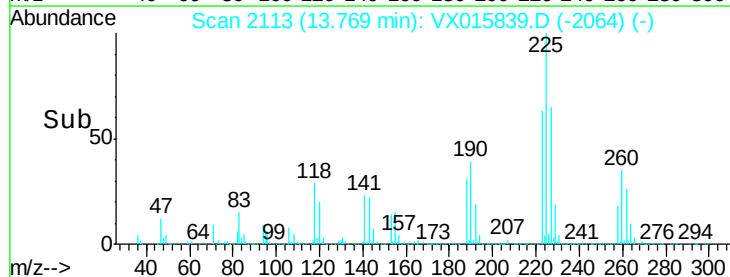
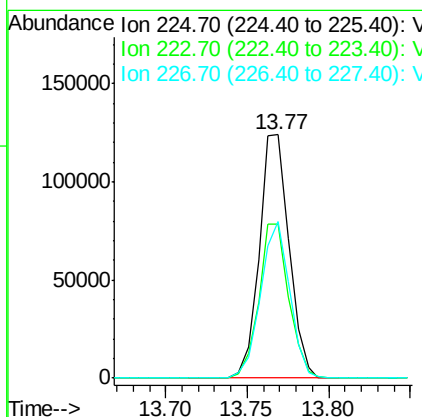
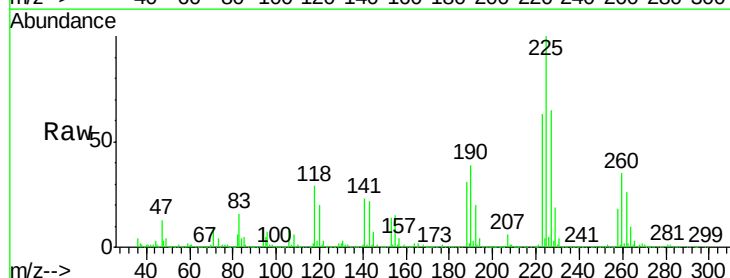
Manual Integrations
APPROVED

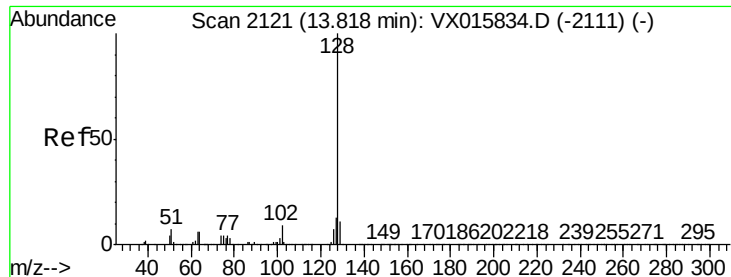
MMDadoda
4/23/2020 11:58:25 AM



#94
Hexachlorobutadiene
Concen: 20.775 ug/l
RT: 13.77 min Scan# 2113
Delta R.T. 0.00 min
Lab File: VX015839.D
Acq: 22 Apr 2020 14:16

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	156893		
223	63.3	31.3	93.8	
227	62.9	32.6	97.8	





#95

Naphthalene

Concen: 19.799 ug/l

RT: 13.82 min Scan# 2121

Delta R.T. 0.00 min

Lab File: VX015839.D

Acq: 22 Apr 2020 14:16

Instrument :

MSVOA_X

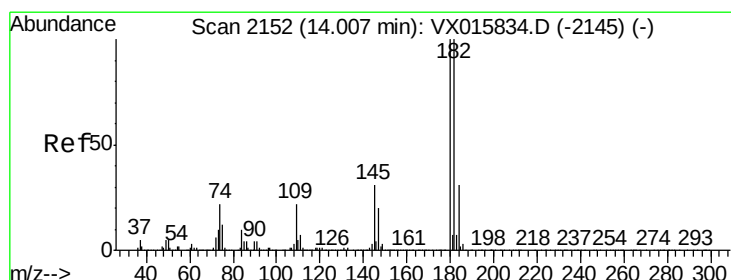
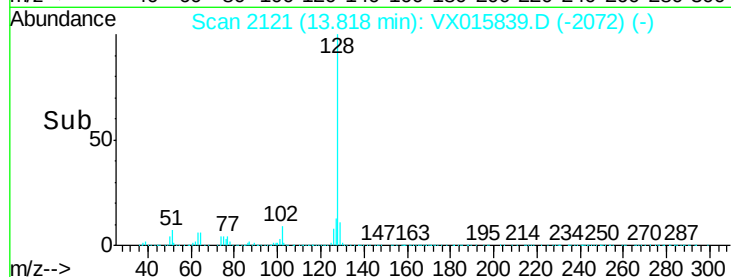
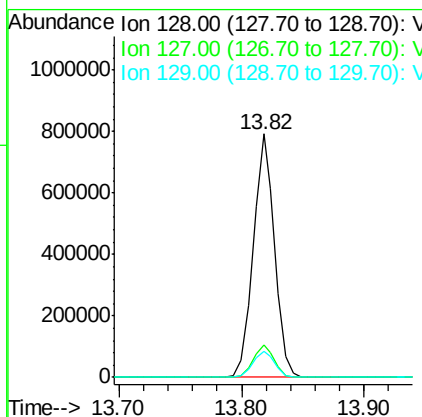
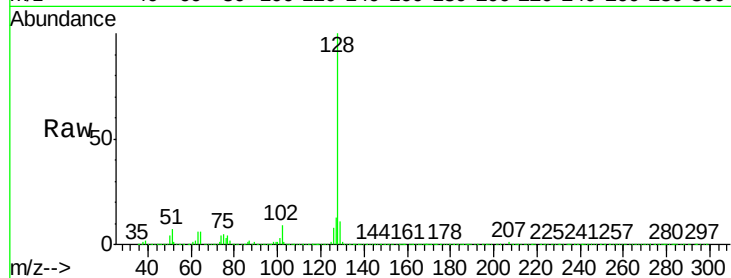
ClientSampleId :

VX0422WBS01

Tot Ion:	128	Resp:	959456
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.5	15.7
129	11.2	8.5	12.7

Manual Integrations
APPROVED

MMDadoda
4/23/2020 11:58:25 AM



#96

1,2,3-Trichlorobenzene

Concen: 19.878 ug/l

RT: 14.01 min Scan# 2152

Delta R.T. 0.00 min

Lab File: VX015839.D

Acq: 22 Apr 2020 14:16

Tgt Ion:	180	Resp:	326663
Ion Ratio	Lower	Upper	
180	100		
182	96.8	47.9	143.7
145	31.3	15.2	45.5

