

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042220\
 Data File : VX015840.D
 Acq On : 22 Apr 2020 14:45
 Operator : JC/SP
 Sample : VX0422WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0422WBSD01

Manual Integrations
 APPROVED

MMDadoda
 4/23/2020 11:58:30 AM

Quant Time: Apr 23 06:11:47 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	5.64	168	945022	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1388813	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1288779	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	685347	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	520821	48.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.92%	
35) Dibromofluoromethane	5.47	113	399110	49.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.58%	
50) Toluene-d8	8.70	98	1588144	49.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.42%	
62) 4-Bromofluorobenzene	11.12	95	632007	47.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	177951	21.999	ug/l	99
3) Chloromethane	1.31	50	168337	20.319	ug/l	100
4) Vinyl Chloride	1.39	62	184302	19.220	ug/l	99
5) Bromomethane	1.64	94	83192	25.867	ug/l	97
6) Chloroethane	1.72	64	109037	19.954	ug/l	97
7) Trichlorofluoromethane	1.92	101	243532	20.469	ug/l	96
8) Diethyl Ether	2.17	74	94702	19.628	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	156710	19.417	ug/l	98
10) Methyl Iodide	2.49	142	205273	20.586	ug/l	98
11) Tert butyl alcohol	3.01	59	204993	93.346	ug/l	100
12) 1,1-Dichloroethene	2.36	96	155375	18.771	ug/l	99
13) Acrolein	2.27	56	101477	78.095	ug/l	95
14) Allyl chloride	2.71	41	338451	19.242	ug/l	99
15) Acrylonitrile	3.11	53	504634	98.999	ug/l	100
16) Acetone	2.42	43	415623	88.807	ug/l	99
17) Carbon Disulfide	2.55	76	475557	15.821	ug/l	99
18) Methyl Acetate	2.75	43	291953	18.896	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	585733	20.045	ug/l	98
20) Methylene Chloride	2.84	84	185134	19.486	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	176541	19.223	ug/l	99
22) Diisopropyl ether	3.83	45	630963	19.903	ug/l	95
23) Vinyl Acetate	3.78	43	2648097	100.925	ug/l	100
24) 1,1-Dichloroethane	3.67	63	319794	19.354	ug/l	98
25) 2-Butanone	4.64	43	710614	96.064	ug/l	98
26) 2,2-Dichloropropane	4.55	77	286166	19.388	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	202395	19.412	ug/l	100
28) Bromochloromethane	4.98	49	174478	20.124	ug/l #	99
29) Tetrahydrofuran	5.09	42	469446	95.946	ug/l	99
30) Chloroform	5.17	83	323591	19.464	ug/l	96
31) Cyclohexane	5.55	56	311015	19.806	ug/l	96
32) 1,1,1-Trichloroethane	5.47	97	288718	19.478	ug/l	99
36) 1,1-Dichloropropene	5.76	75	247091	20.069	ug/l	99
37) Ethyl Acetate	4.80	43	299259	20.423	ug/l	98
38) Carbon Tetrachloride	5.76	117	241518	19.915	ug/l	98

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 Misc : 5.0mL/MSVOA X/WATER
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	311210	19.960	ug/l	99
40) Benzene	6.11	78	728514	19.646	ug/l	100
41) Methacrylonitrile	5.00	41	163664	20.101	ug/l	98
42) 1,2-Dichloroethane	6.17	62	268283	20.091	ug/l	100
43) Isopropyl Acetate	6.41	43	495935	20.064	ug/l	100
44) Trichloroethene	7.19	130	263622	20.229	ug/l	99
45) 1,2-Dichloropropane	7.49	63	196846	20.256	ug/l	98
46) Dibromomethane	7.64	93	139761	19.701	ug/l	99
47) Bromodichloromethane	7.87	83	247897	19.643	ug/l	98
48) Methyl methacrylate	7.75	41	248198	20.414	ug/l	99
49) 1,4-Dioxane	7.72	88	80589	350.724	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1443478	101.176	ug/l	99
52) Toluene	8.76	92	473399	19.917	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	312960	19.986	ug/l	96
54) cis-1,3-Dichloropropene	8.42	75	335531	20.274	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	185551	19.992	ug/l	97
56) Ethyl methacrylate	9.16	69	316321	20.121	ug/l	99
57) 1,3-Dichloropropane	9.36	76	326628	20.252	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	792177	100.869	ug/l	98
59) 2-Hexanone	9.47	43	1071284	98.566	ug/l	100
60) Dibromochloromethane	9.57	129	190340	19.859	ug/l	95
61) 1,2-Dibromoethane	9.65	107	198628	19.364	ug/l	99
64) Tetrachloroethene	9.32	164	348816	20.080	ug/l	95
65) Chlorobenzene	10.12	112	510580	19.812	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.20	131	192259	19.958	ug/l	98
67) Ethyl Benzene	10.23	91	919753	20.323	ug/l	99
68) m/p-Xylenes	10.34	106	684654	40.304	ug/l	98
69) o-Xylene	10.68	106	326669	19.542	ug/l	97
70) Styrene	10.70	104	585089	20.214	ug/l	99
71) Bromoform	10.84	173	122370	19.494	ug/l	98
73) Isopropylbenzene	11.00	105	901714	20.717	ug/l	99
74) N-amyl acetate	10.88	43	448860	19.976	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	183087	19.876	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	266335m	20.436	ug/l	
77) Bromobenzene	11.24	156	240503	20.222	ug/l	99
78) n-propylbenzene	11.34	91	1025527	20.567	ug/l	100
79) 2-Chlorotoluene	11.40	91	603225	20.140	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	761740	20.524	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	106640	19.684	ug/l	99
82) 4-Chlorotoluene	11.50	91	720164	20.235	ug/l	99
83) tert-Butylbenzene	11.76	119	679628	20.644	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	791212	20.534	ug/l	99
85) sec-Butylbenzene	11.93	105	869600	20.038	ug/l	100
86) p-Isopropyltoluene	12.05	119	839506	20.687	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	434375	19.897	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	443013	20.272	ug/l	97
89) n-Butylbenzene	12.37	91	731430	20.159	ug/l	99
90) Hexachloroethane	12.58	117	98453	22.966	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	416663	20.123	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	55052	20.153	ug/l	96

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

Instrument :
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ClientSampleId :
VX0422WBSD01

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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)
93) 1,2,4-Trichlorobenzene	13.63	180	326472	20.011	ug/l	96
94) Hexachlorobutadiene	13.76	225	155009	21.191	ug/l	98
95) Naphthalene	13.82	128	942663	20.084	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	323175	20.304	ug/l	100

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

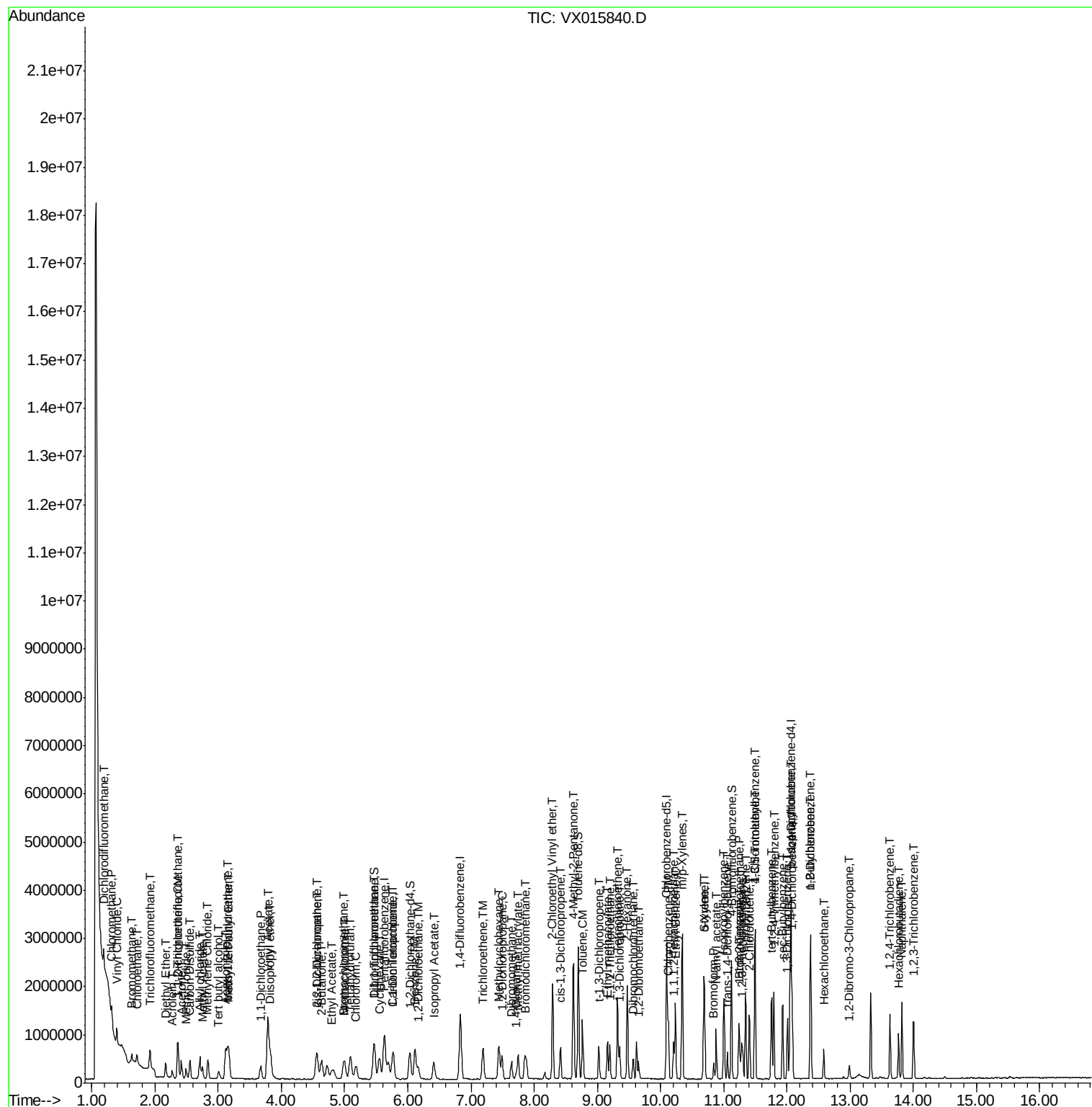
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX042220\
Data File : VX015840.D
Acq On : 22 Apr 2020 14:45
Operator : JC/SP
Sample : VX0422WBSD01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 12 Sample Multiplier: 1

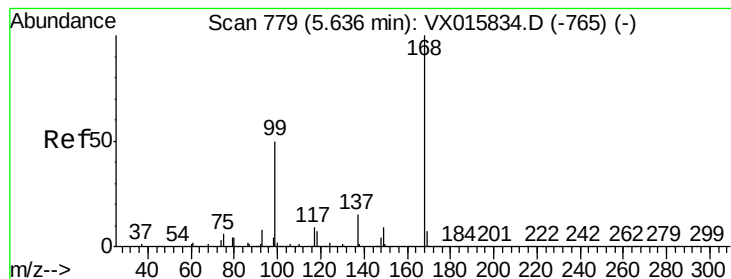
Instrument :
MSVOA_X
ClientSampleId :
VX0422WBSD01

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 779

Delta R.T. 0.00 min

Lab File: VX015840.D

Acq: 22 Apr 2020 14:45

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBSD01

Tot Ion:168 Resp: 945022

Ion Ratio Lower Upper

168 100

99 48.8

40.3

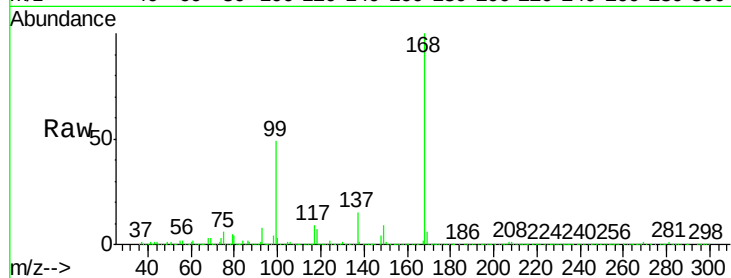
60.5

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

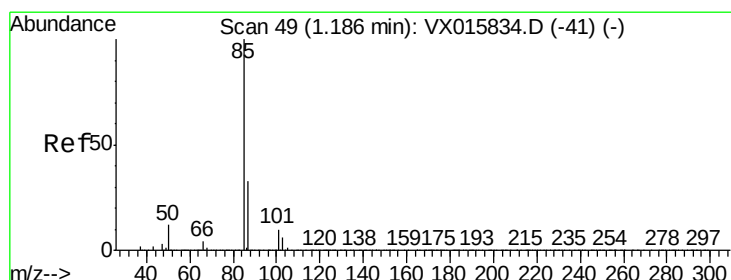
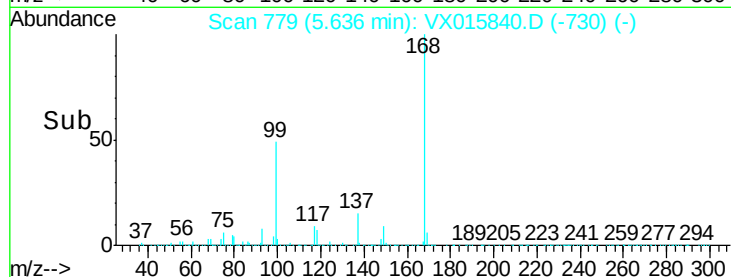
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 21.999 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX015840.D

Acq: 22 Apr 2020 14:45

Tgt Ion: 85 Resp: 177951

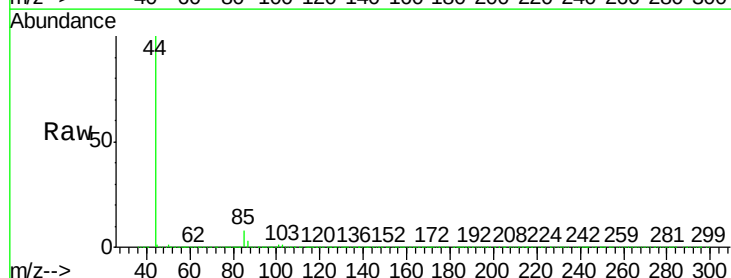
Ion Ratio Lower Upper

85 100

87 33.6

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

200000

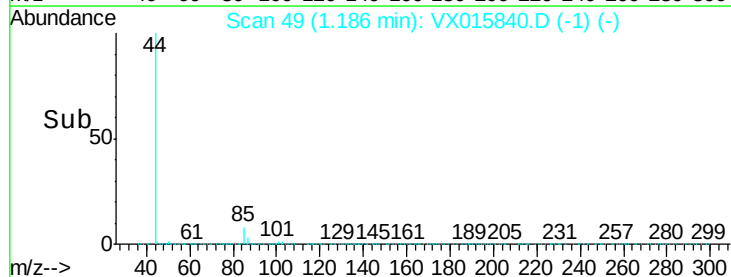
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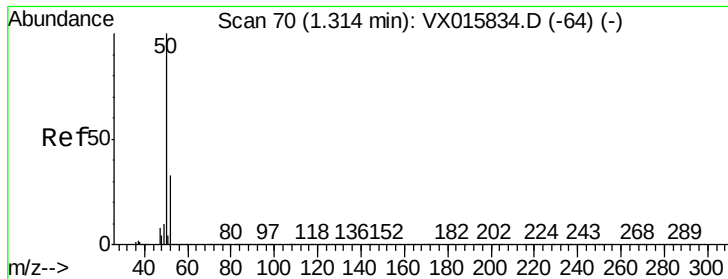
100000

50000

0

Time-->





#3

Chloromethane

Concen: 20.319 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX015840.D

Acq: 22 Apr 2020 14:45

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBSD01

Tot Ion: 50 Resp: 168337

Ion Ratio Lower Upper

50 100

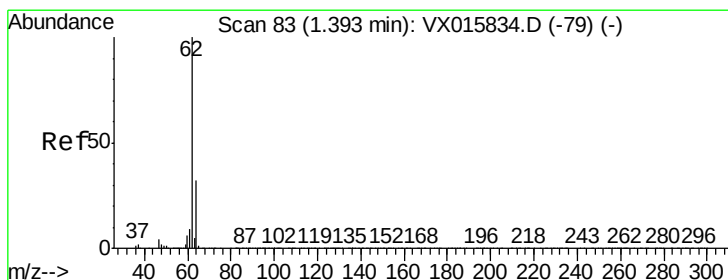
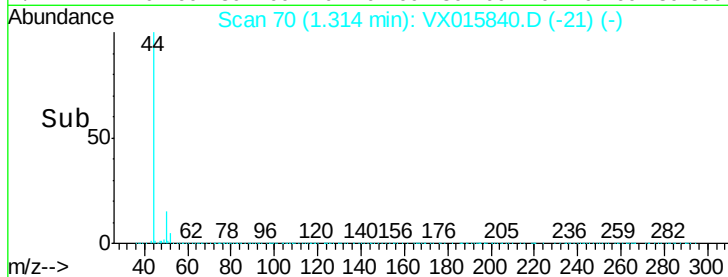
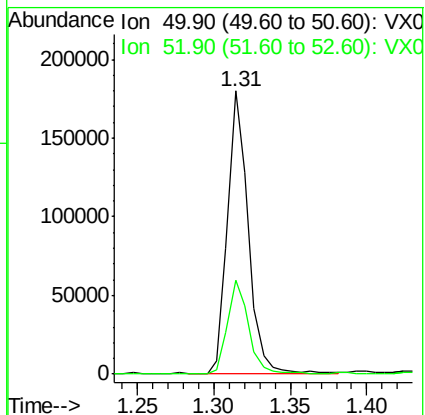
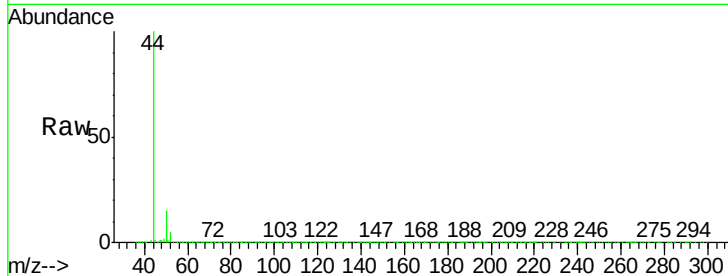
52 33.0 26.2 39.4

Manual Integrations

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#4

Vinyl Chloride

Concen: 19.220 ug/l

RT: 1.39 min Scan# 83

Delta R.T. 0.00 min

Lab File: VX015840.D

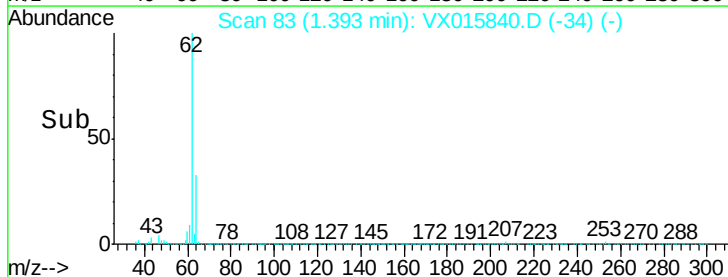
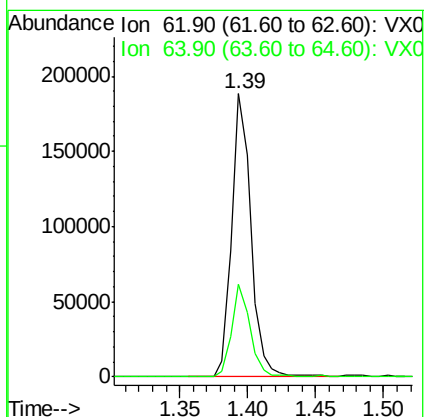
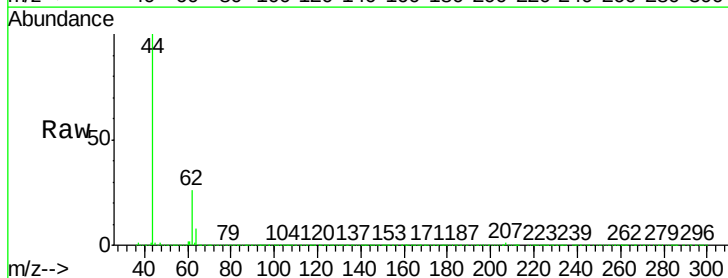
Acq: 22 Apr 2020 14:45

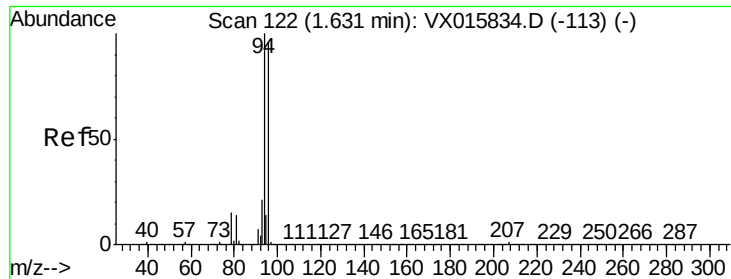
Tgt Ion: 62 Resp: 184302

Ion Ratio Lower Upper

62 100

64 32.4 25.4 38.2





#5

Bromomethane

Concen: 25.867 ug/l

RT: 1.64 min Scan# 123

Delta R.T. 0.01 min

Lab File: VX015840.D

Acq: 22 Apr 2020 14:45

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBSD01

Tot Ion: 94 Resp: 83192

Ion Ratio Lower Upper

94 100

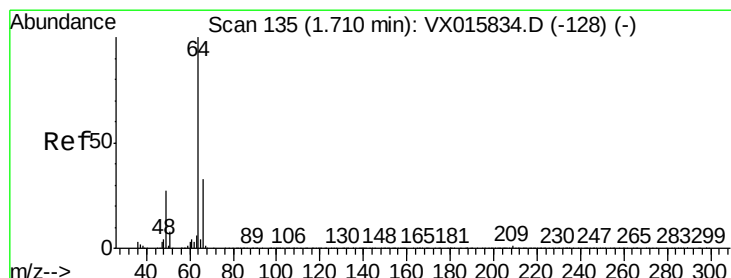
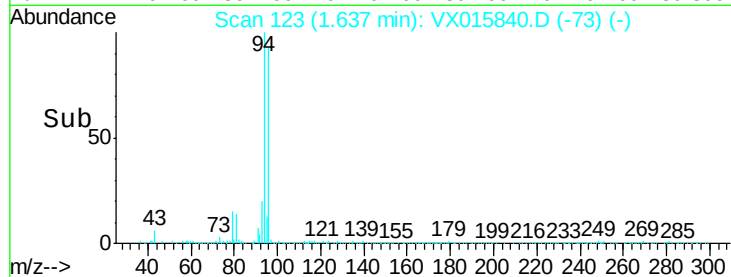
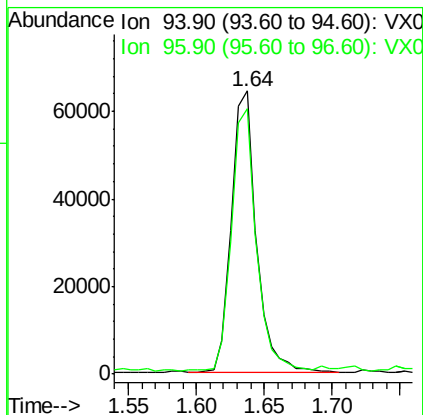
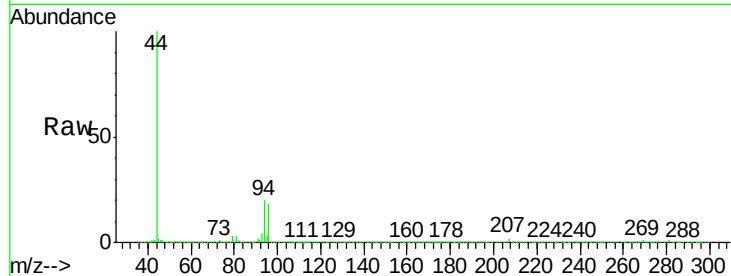
96 92.7 76.7 115.1

Manual Integrations

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#6

Chloroethane

Concen: 19.954 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX015840.D

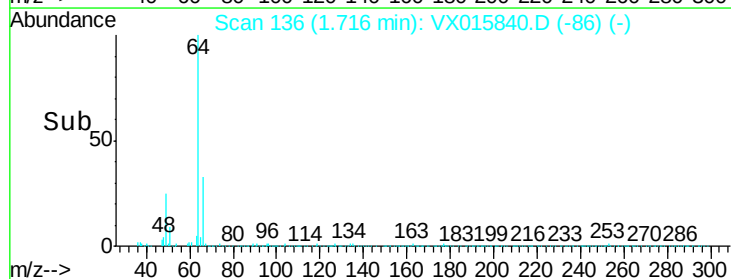
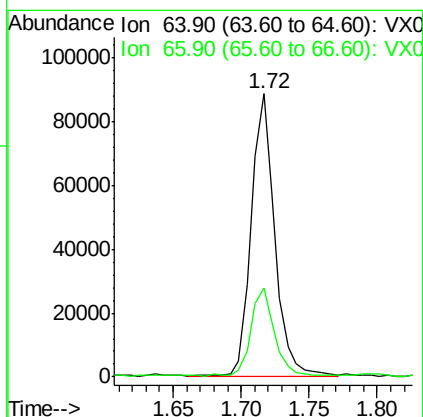
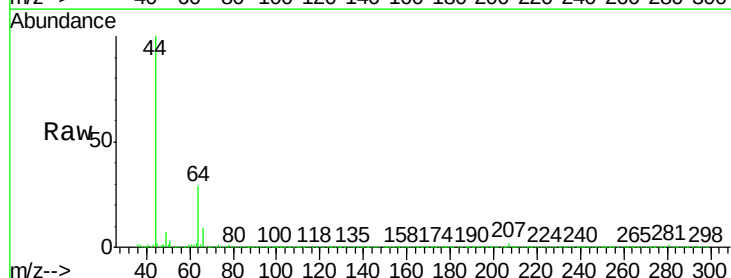
Acq: 22 Apr 2020 14:45

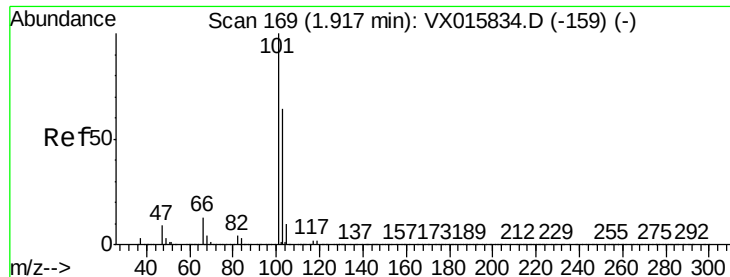
Tgt Ion: 64 Resp: 109037

Ion Ratio Lower Upper

64 100

66 31.0 26.2 39.2





#7

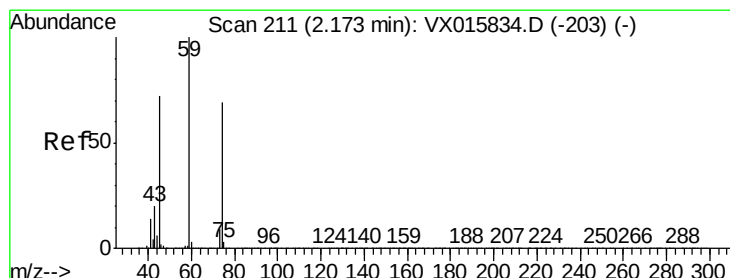
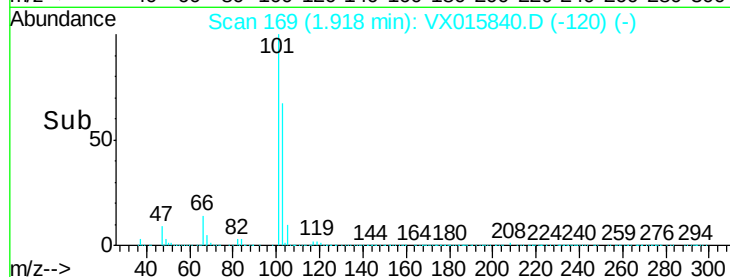
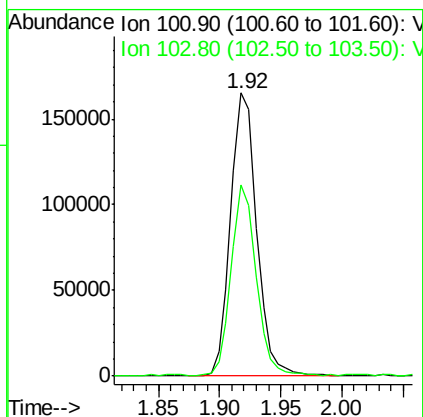
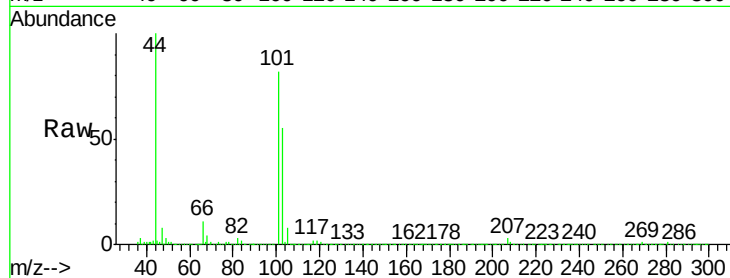
Trichlorofluoromethane
Concen: 20.469 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX015840.D
Acq: 22 Apr 2020 14:45

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	243532		
103	67.2	51.4	77.0	

Manual Integrations
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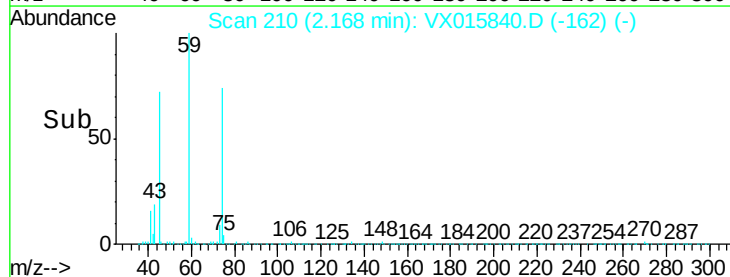
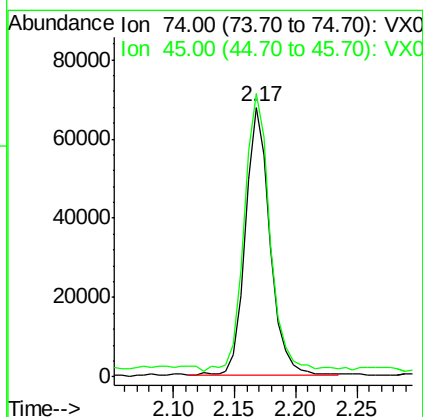
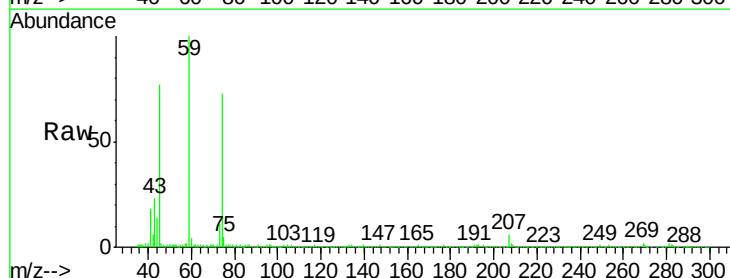
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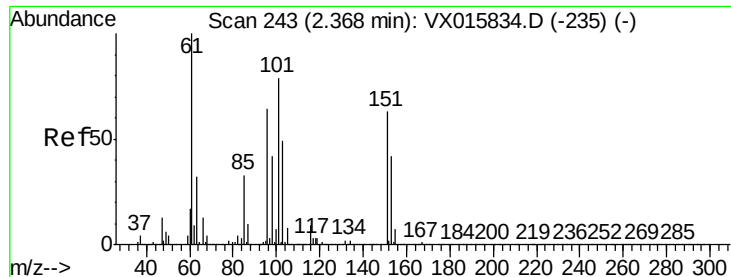


#8

Diethyl Ether
Concen: 19.628 ug/l
RT: 2.17 min Scan# 210
Delta R.T. -0.01 min
Lab File: VX015840.D
Acq: 22 Apr 2020 14:45

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	94702		
45	108.3	53.8	161.4	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.417 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX015840.D

Acq: 22 Apr 2020 14:45

Instrument :

MSVOA_X

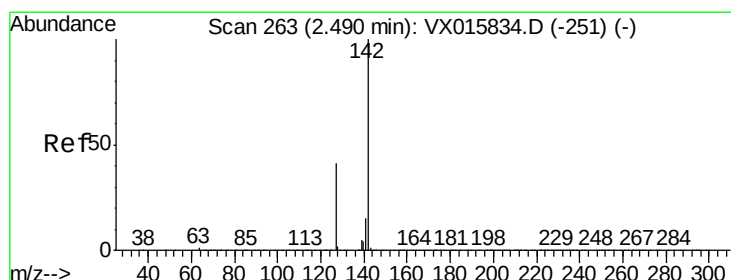
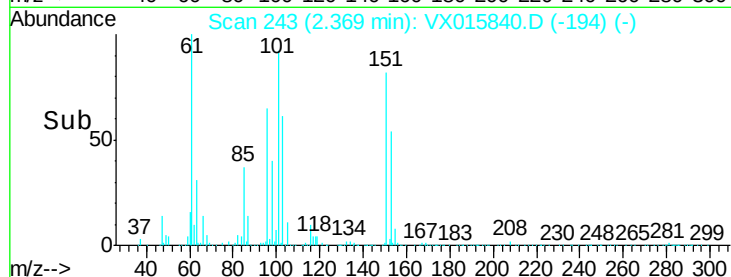
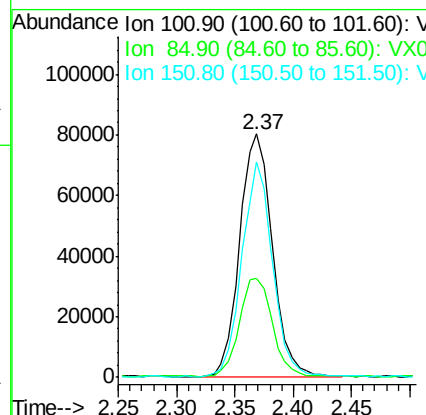
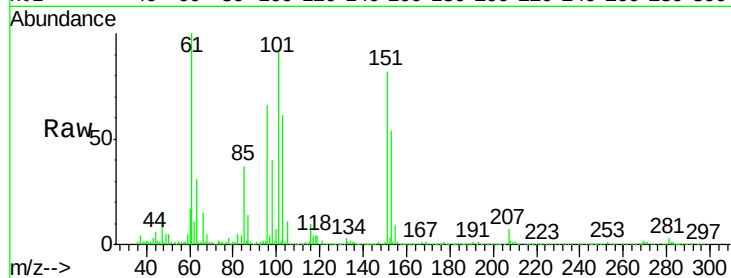
ClientSampleId :

VX0422WBSD01

Tot Ion:	101	Resp:	156710
Ion Ratio	Lower	Upper	
101	100		
85	40.7	33.8	50.6
151	83.4	67.8	101.6

Manual Integrations
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#10

Methyl Iodide

Concen: 20.586 ug/l

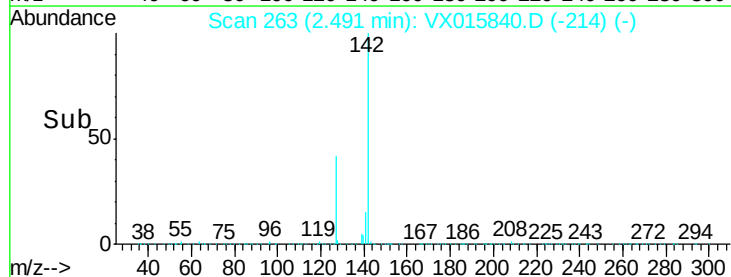
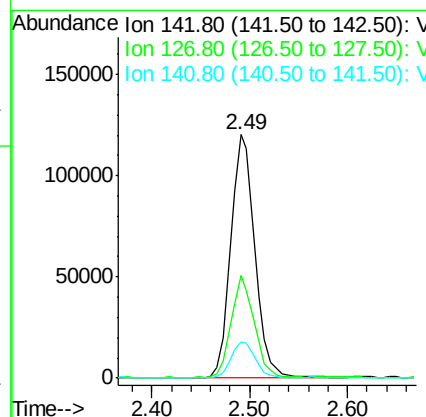
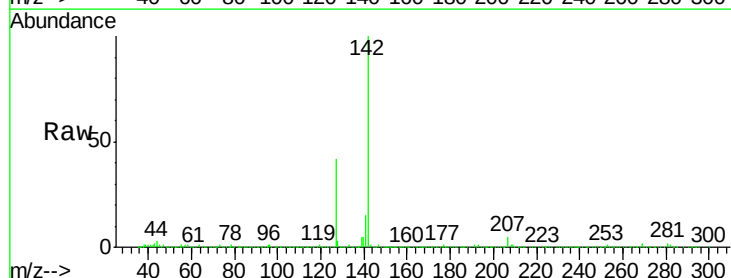
RT: 2.49 min Scan# 263

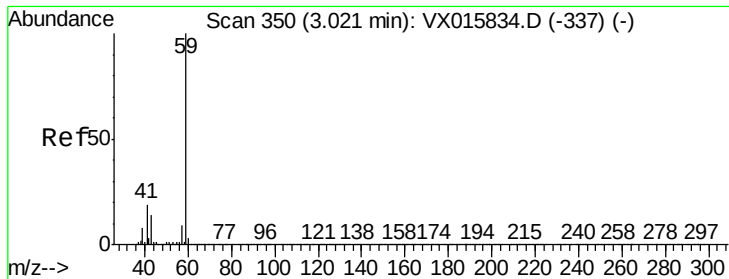
Delta R.T. 0.00 min

Lab File: VX015840.D

Acq: 22 Apr 2020 14:45

Tgt Ion:	142	Resp:	205273
Ion Ratio	Lower	Upper	
142	100		
127	39.9	33.3	49.9
141	15.1	11.8	17.6





#11

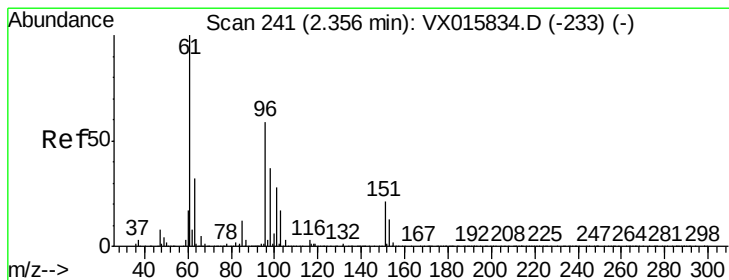
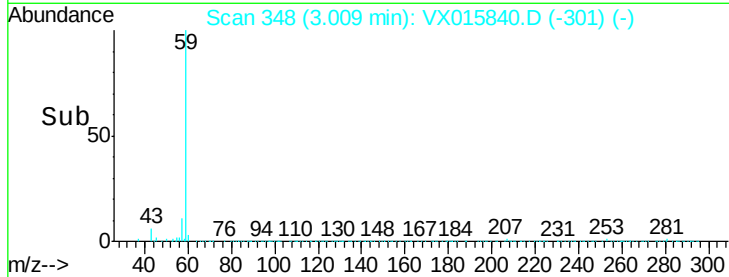
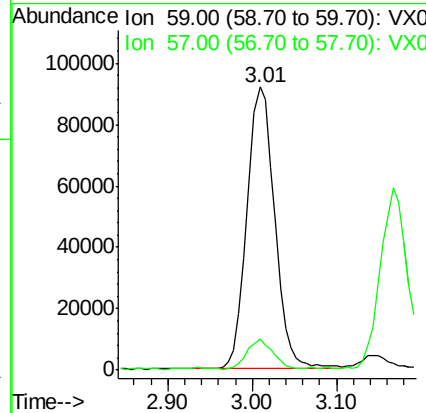
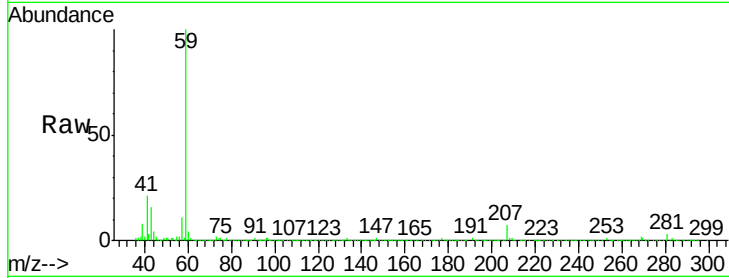
Tert butyl alcohol
Concen: 93.346 ug/l
RT: 3.01 min Scan# 348
Delta R.T. -0.01 min
Lab File: VX015840.D
Acq: 22 Apr 2020 14:45

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.2	12.2

Manual Integrations
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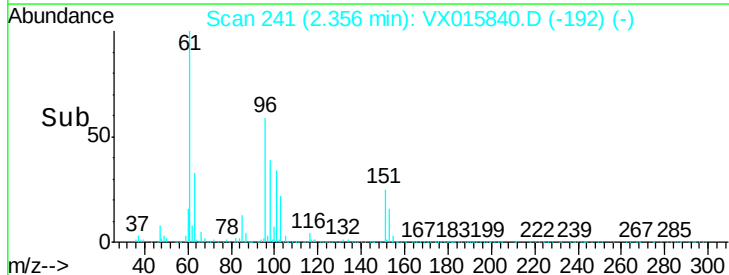
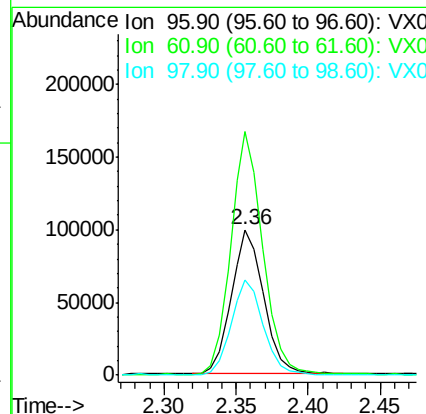
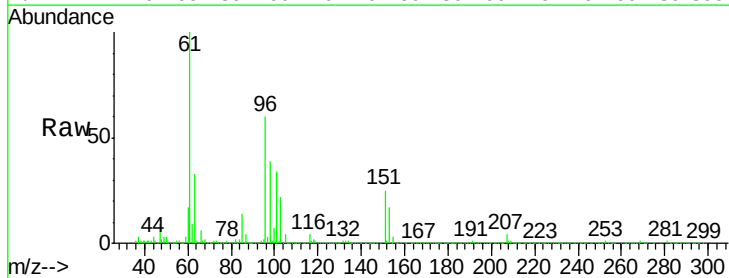
MMDadoda
4/23/2020 11:58:30 AM

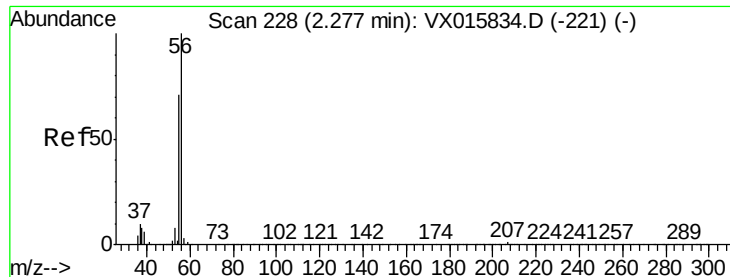


#12

1,1-Dichloroethene
Concen: 18.771 ug/l
RT: 2.36 min Scan# 241
Delta R.T. 0.00 min
Lab File: VX015840.D
Acq: 22 Apr 2020 14:45

Tgt Ion	Ratio	Lower	Upper
96	100		
61	168.5	135.0	202.6
98	65.9	50.6	76.0





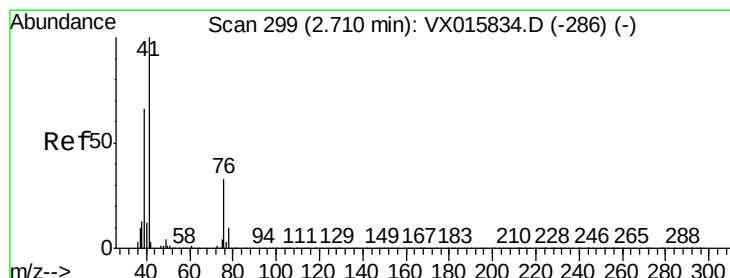
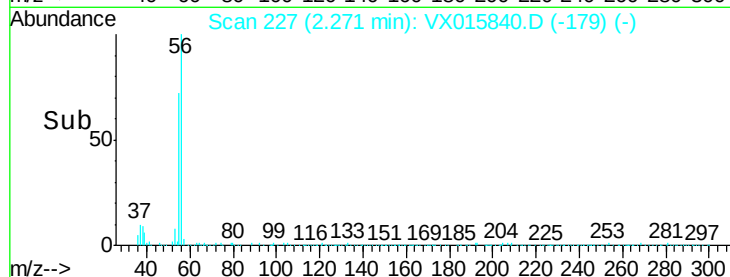
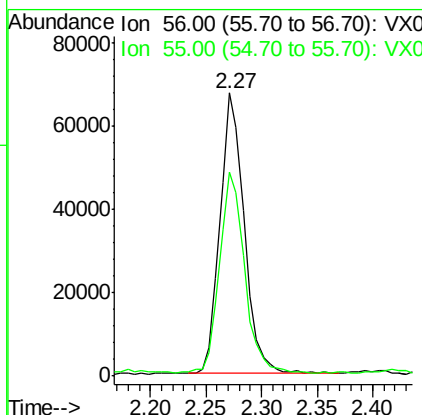
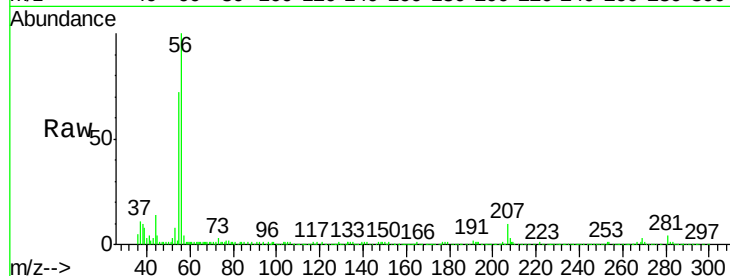
#13
Acrolein
Concen: 78.095 ug/l
RT: 2.27 min Scan# 227
Delta R.T. -0.01 min
Lab File: VX015840.D
Acq: 22 Apr 2020 14:45

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
55	73.9	56.1	84.1

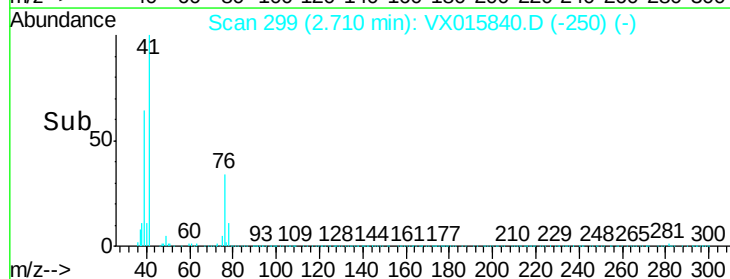
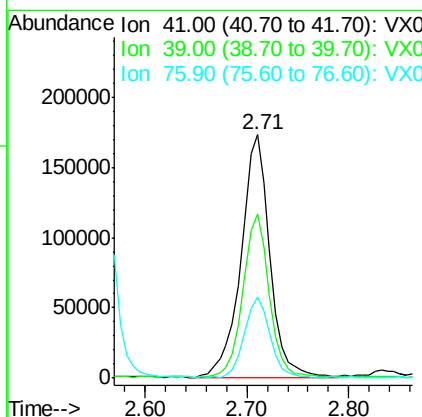
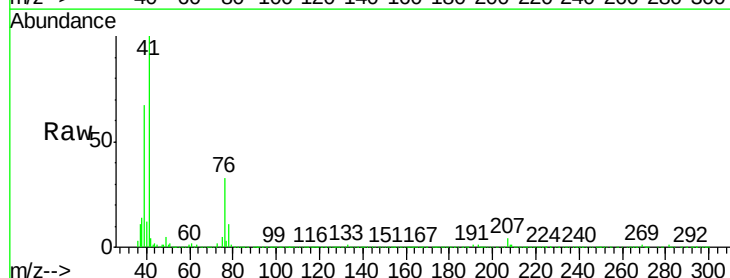
Manual Integrations
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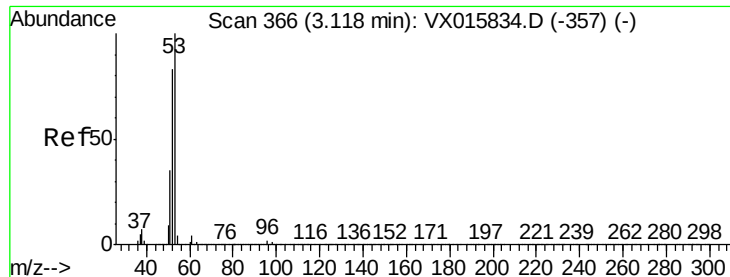
MMDadoda
4/23/2020 11:58:30 AM



#14
Allyl chloride
Concen: 19.242 ug/l
RT: 2.71 min Scan# 299
Delta R.T. 0.00 min
Lab File: VX015840.D
Acq: 22 Apr 2020 14:45

Tgt Ion	Ratio	Lower	Upper
41	100		
39	61.6	48.4	72.6
76	29.6	23.8	35.8





#15

Acrylonitrile

Concen: 98.999 ug/l

RT: 3.11 min Scan# 365

Delta R.T. -0.01 min

Lab File: VX015840.D

Acq: 22 Apr 2020 14:45

Instrument :

MSVOA_X

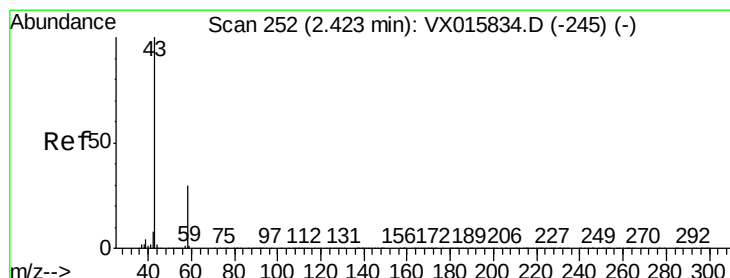
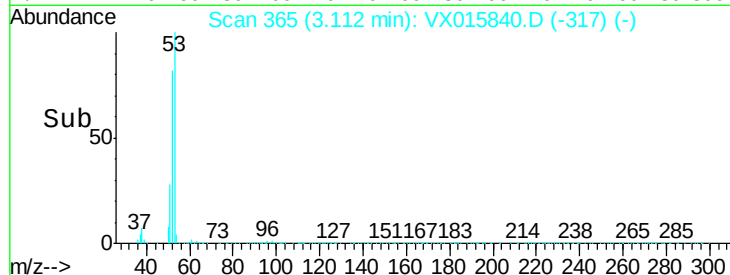
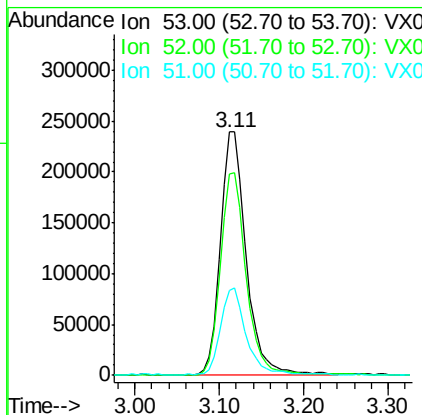
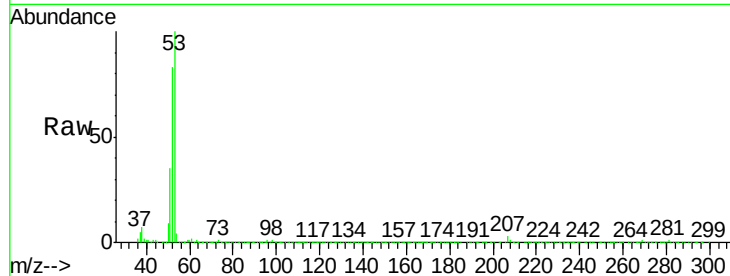
ClientSampleId :

VX0422WBSD01

Tot Ion:	53	Resp:	504634
Ion Ratio	Lower	Upper	
53	100		
52	82.8	66.2	99.4
51	35.3	28.6	43.0

Manual Integrations
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#16

Acetone

Concen: 88.807 ug/l

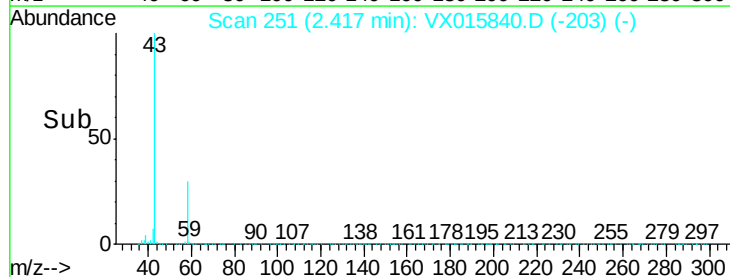
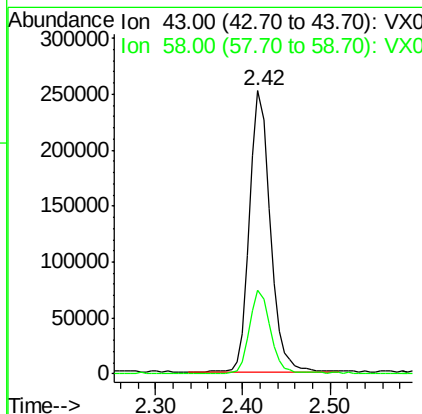
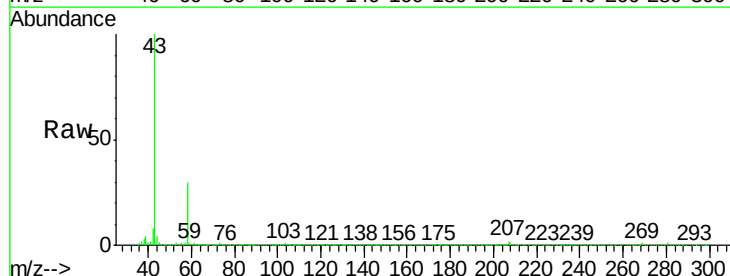
RT: 2.42 min Scan# 251

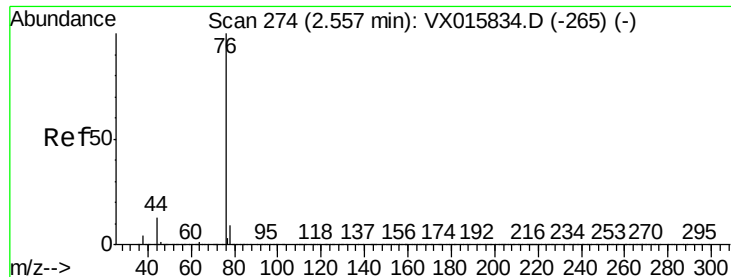
Delta R.T. -0.01 min

Lab File: VX015840.D

Acq: 22 Apr 2020 14:45

Tgt Ion:	43	Resp:	415623
Ion Ratio	Lower	Upper	
43	100		
58	29.5	24.0	36.0





#17

Carbon Disulfide

Concen: 15.821 ug/l

RT: 2.55 min Scan# 273

Delta R.T. -0.01 min

Lab File: VX015840.D

Acq: 22 Apr 2020 14:45

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBSD01

Tot Ion: 76 Resp: 475557

Ion Ratio Lower Upper

76 100

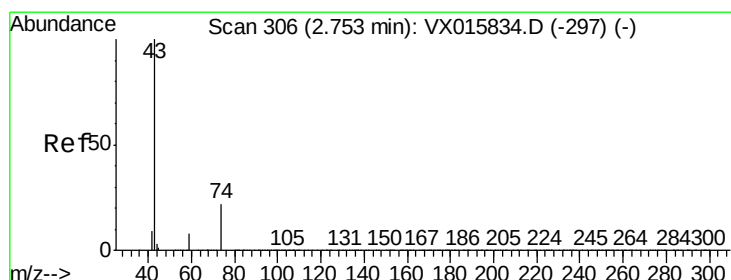
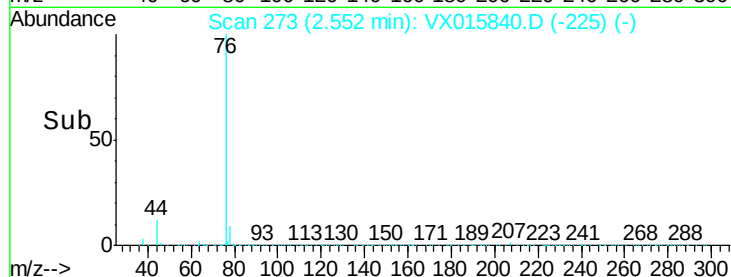
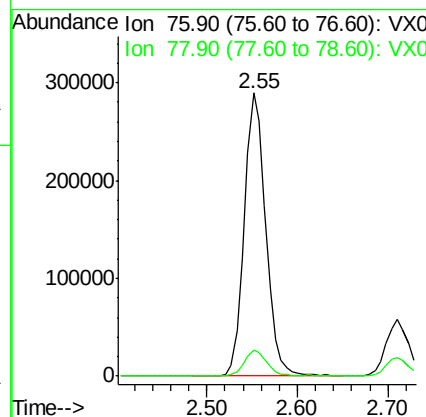
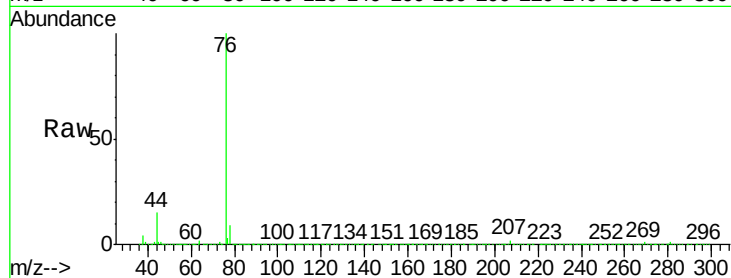
78 9.0 7.4 11.2

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#18

Methyl Acetate

Concen: 18.896 ug/l

RT: 2.75 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX015840.D

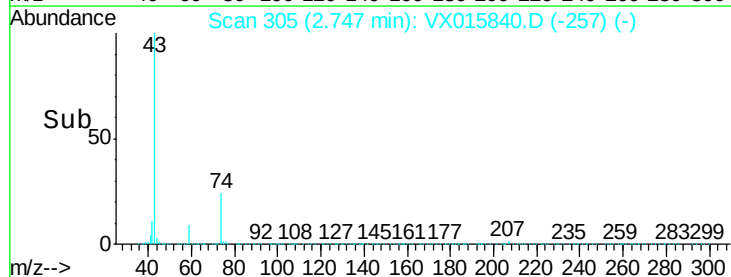
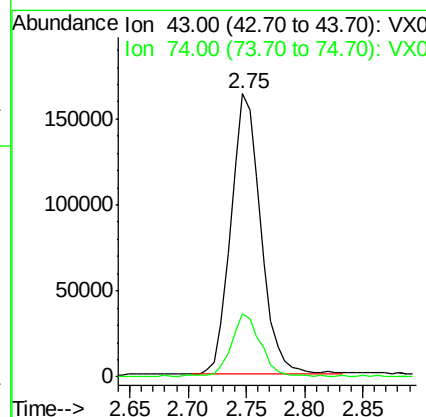
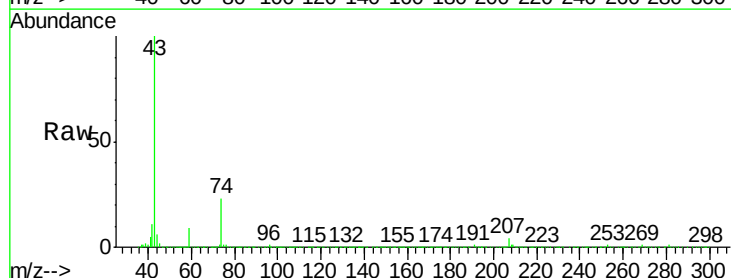
Acq: 22 Apr 2020 14:45

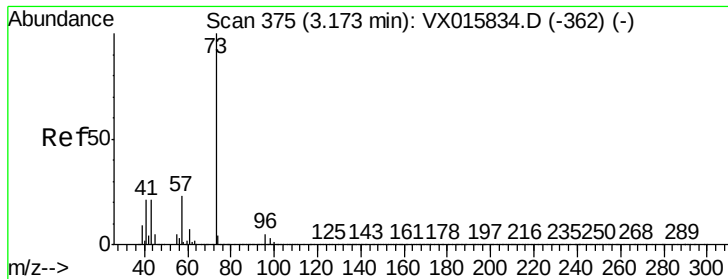
Tgt Ion: 43 Resp: 291953

Ion Ratio Lower Upper

43 100

74 21.5 17.9 26.9





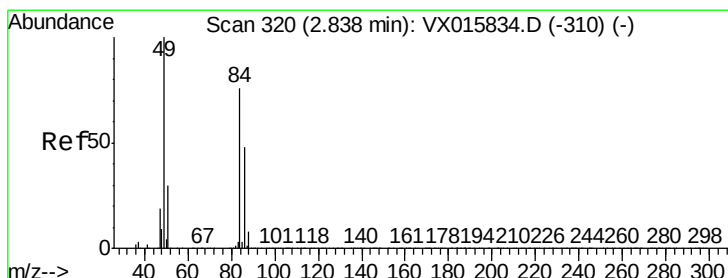
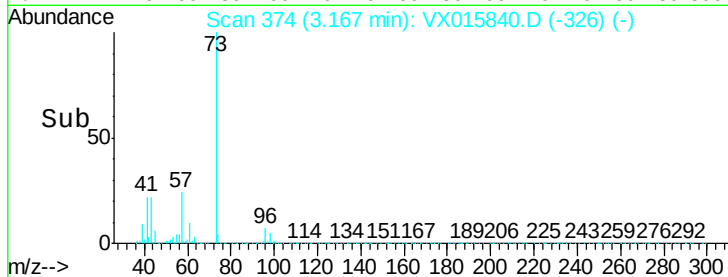
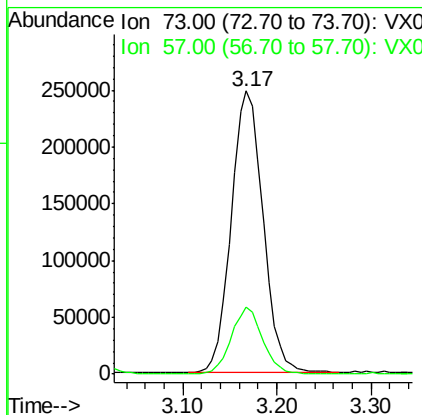
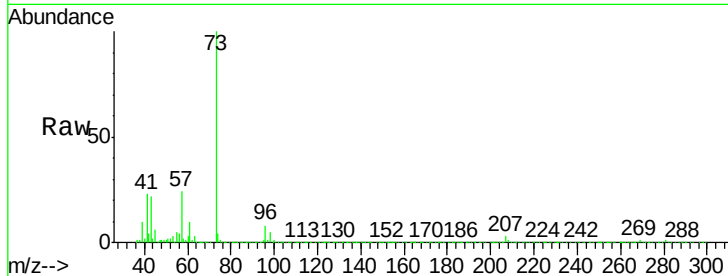
#19
Methyl tert-butyl Ether
Concen: 20.045 ug/l
RT: 3.17 min Scan# 374
Delta R.T. -0.01 min
Lab File: VX015840.D
Acq: 22 Apr 2020 14:45

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.7	18.1	27.1

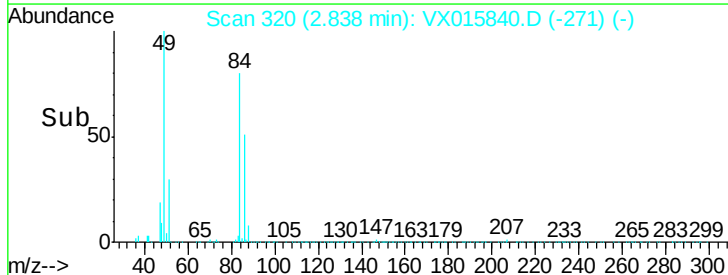
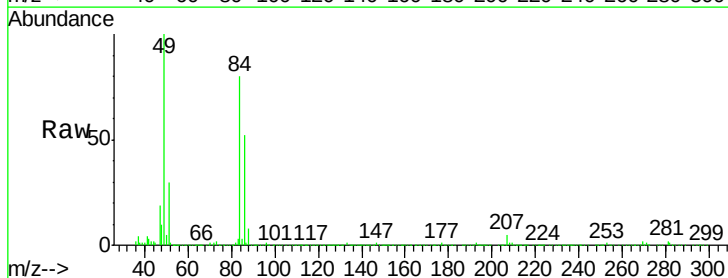
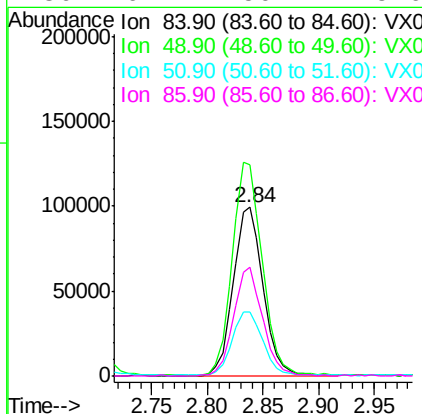
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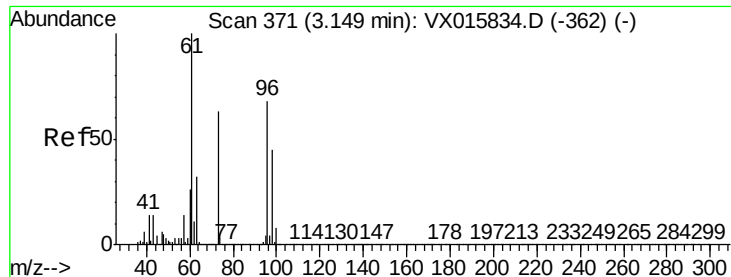
MMDadoda
4/23/2020 11:58:30 AM



#20
Methylene Chloride
Concen: 19.486 ug/l
RT: 2.84 min Scan# 320
Delta R.T. 0.00 min
Lab File: VX015840.D
Acq: 22 Apr 2020 14:45

Tgt Ion	Ratio	Lower	Upper
84	100		
49	125.3	104.9	157.3
51	37.3	32.0	48.0
86	64.4	50.4	75.6





#21

trans-1,2-Dichloroethene

Concen: 19.223 ug/l

RT: 3.14 min Scan# 370

Delta R.T. -0.01 min

Lab File: VX015840.D

Acq: 22 Apr 2020 14:45

Instrument :

MSVOA_X

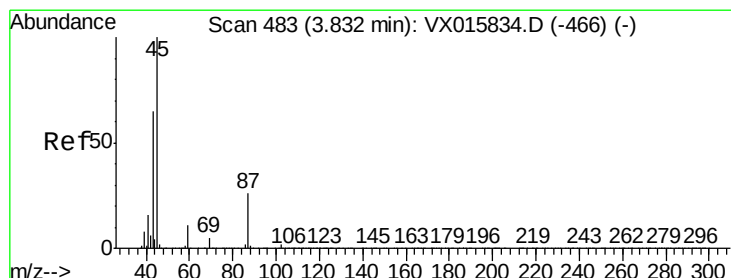
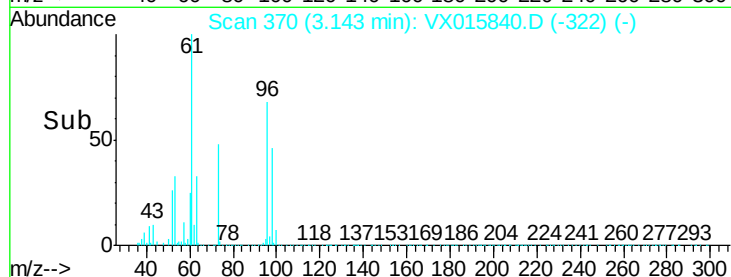
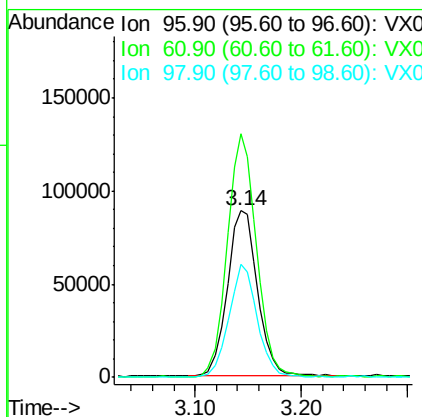
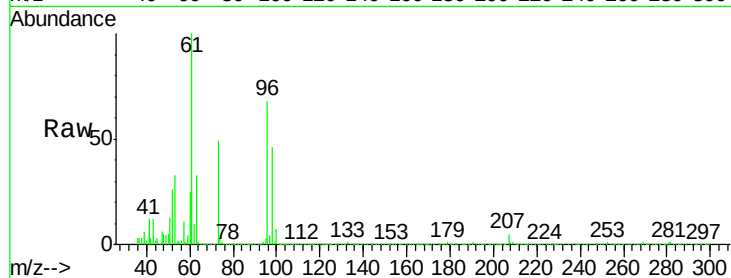
ClientSampleId :

VX0422WBSD01

Tot Ion:	96	Resp:	176541
Ion	Ratio	Lower	Upper
96	100		
61	147.0	117.5	176.3
98	68.0	52.7	79.1

Manual Integrations
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#22

Diisopropyl ether

Concen: 19.903 ug/l

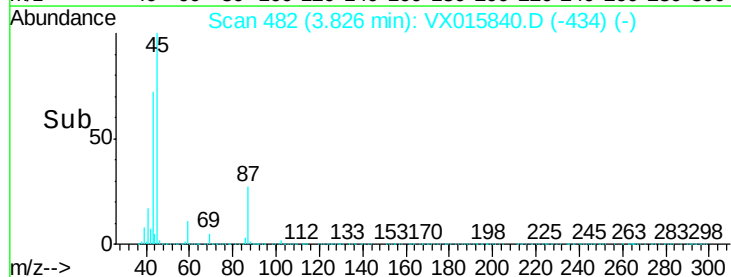
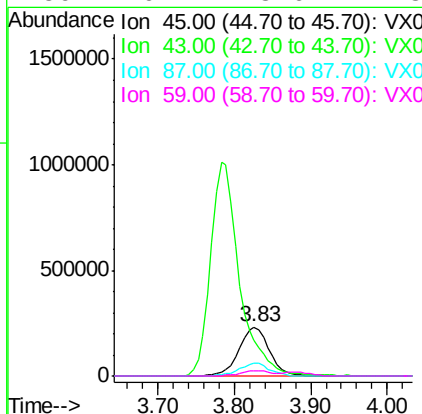
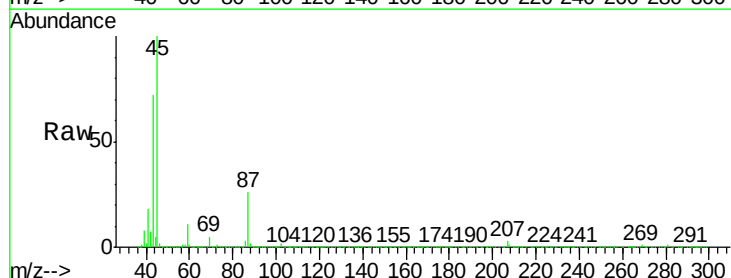
RT: 3.83 min Scan# 482

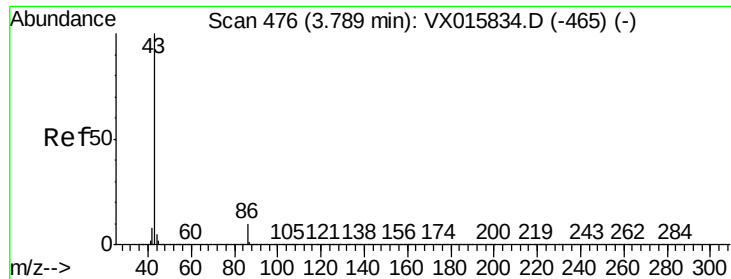
Delta R.T. -0.01 min

Lab File: VX015840.D

Acq: 22 Apr 2020 14:45

Tgt Ion:	45	Resp:	630963
Ion	Ratio	Lower	Upper
45	100		
43	70.9	52.4	78.6
87	26.2	20.7	31.1
59	10.7	8.6	12.8





#23

Vinyl Acetate

Concen: 100.925 ug/l

RT: 3.78 min Scan# 475

Delta R.T. -0.01 min

Lab File: VX015840.D

Acq: 22 Apr 2020 14:45

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBSD01

Tot Ion: 43 Resp: 2648097

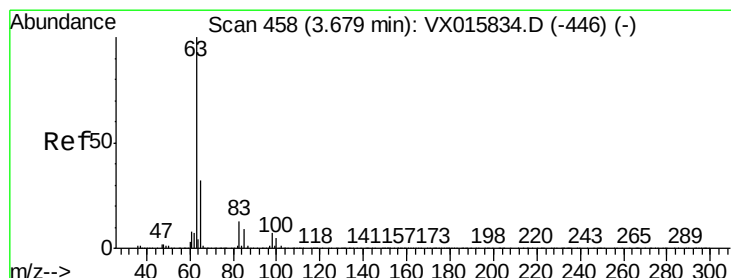
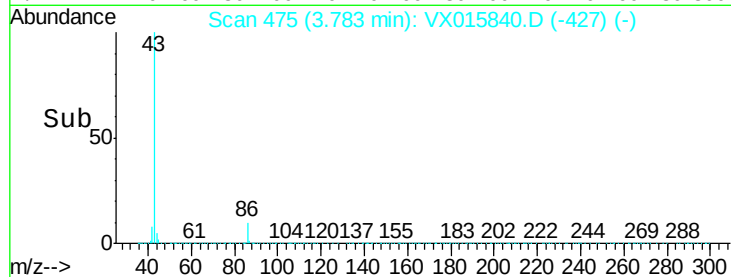
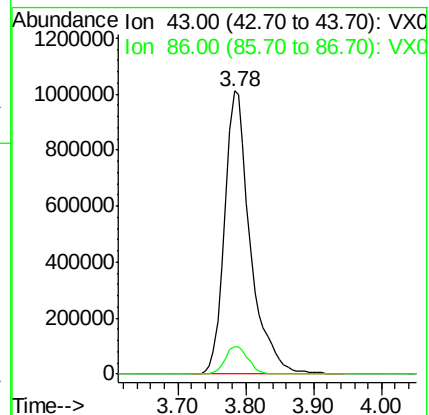
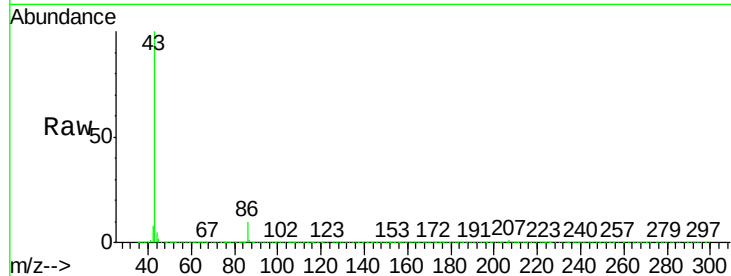
Ion Ratio Lower Upper

43 100

86 9.9 8.0 12.0

Manual Integrations
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4/23/2020 11:58:30 AM



#24

1,1-Dichloroethane

Concen: 19.354 ug/l

RT: 3.67 min Scan# 457

Delta R.T. -0.01 min

Lab File: VX015840.D

Acq: 22 Apr 2020 14:45

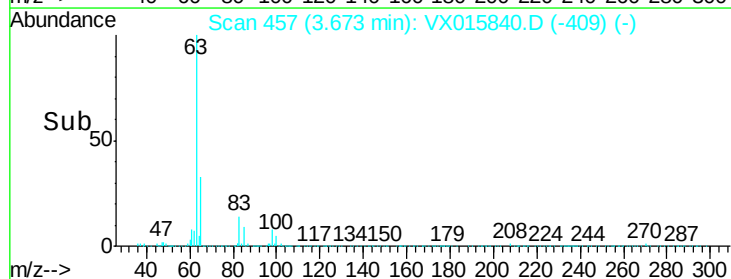
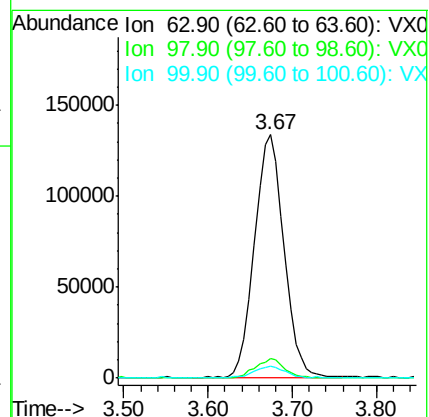
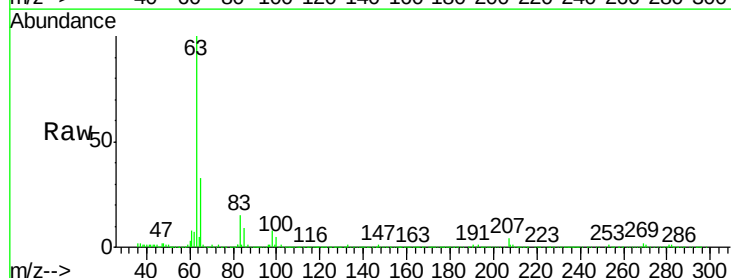
Tgt Ion: 63 Resp: 319794

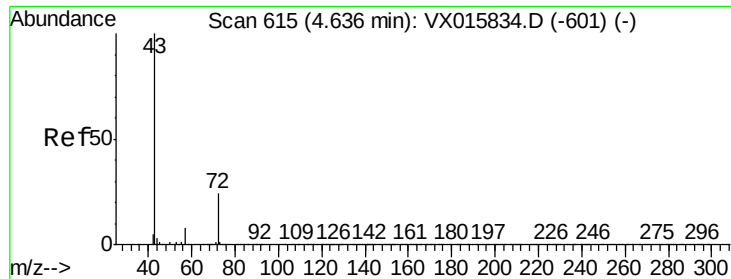
Ion Ratio Lower Upper

63 100

98 7.8 3.5 10.4

100 4.6 2.3 6.8





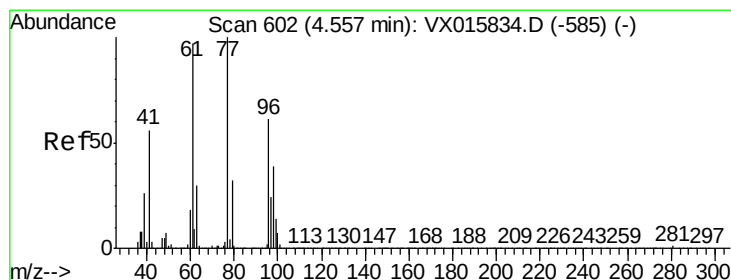
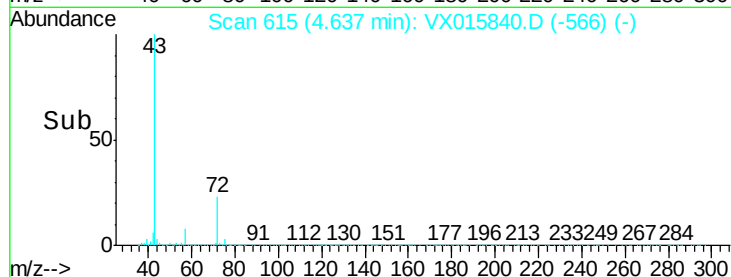
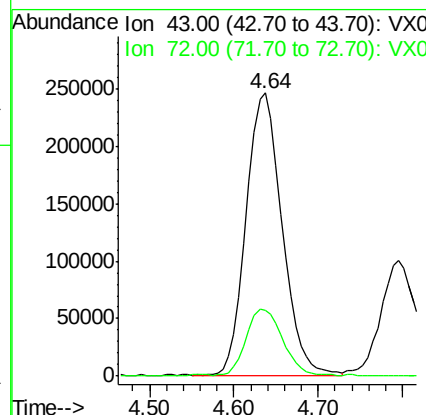
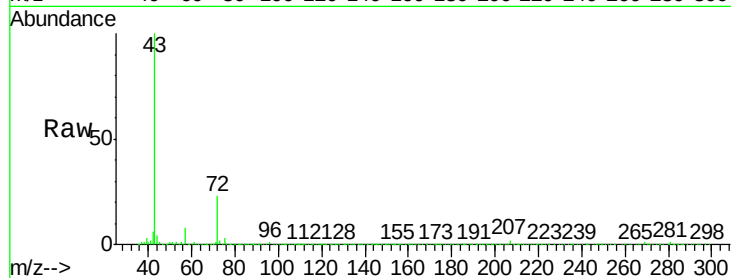
#25
2-Butanone
Concen: 96.064 ug/l
RT: 4.64 min Scan# 615
Delta R.T. 0.00 min
Lab File: VX015840.D
Acq: 22 Apr 2020 14:45

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBSD01

Tot Ion: 43 Resp: 710614
Ion Ratio Lower Upper
43 100
72 23.1 19.4 29.2

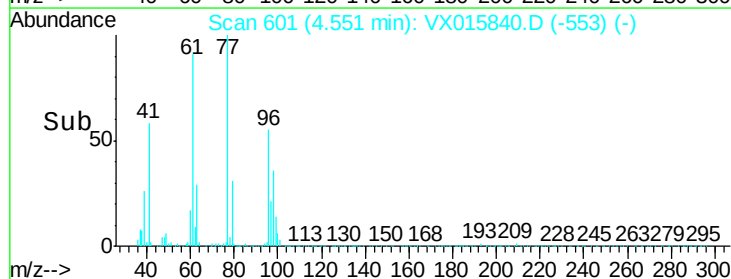
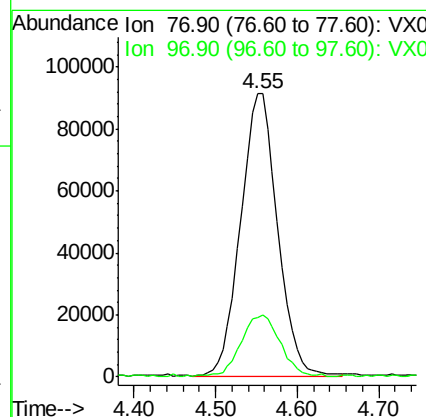
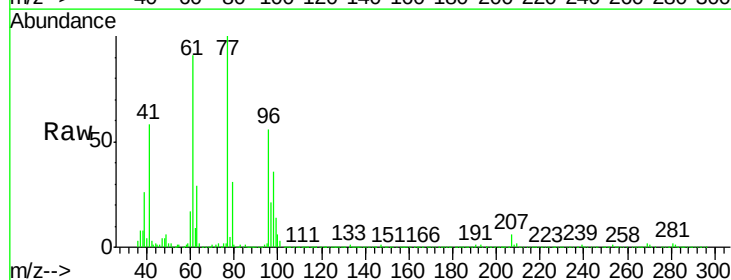
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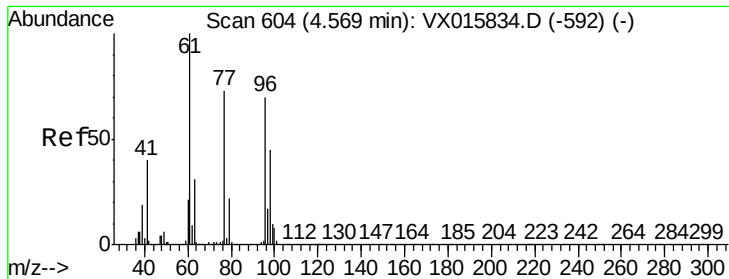
MMDadoda
4/23/2020 11:58:30 AM



#26
2,2-Dichloropropane
Concen: 19.388 ug/l
RT: 4.55 min Scan# 601
Delta R.T. -0.01 min
Lab File: VX015840.D
Acq: 22 Apr 2020 14:45

Tgt Ion: 77 Resp: 286166
Ion Ratio Lower Upper
77 100
97 23.7 11.4 34.1





#27

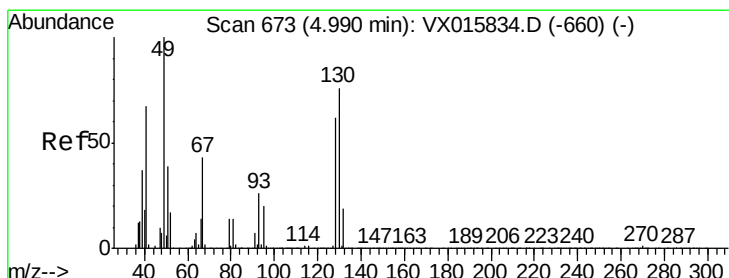
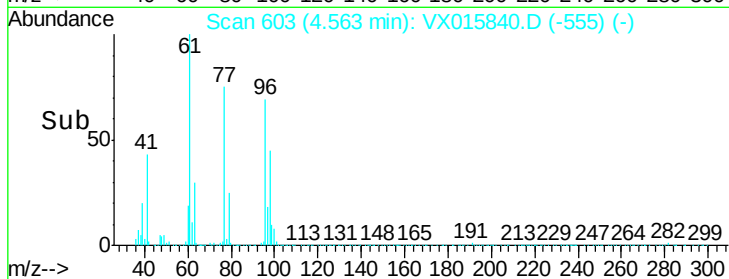
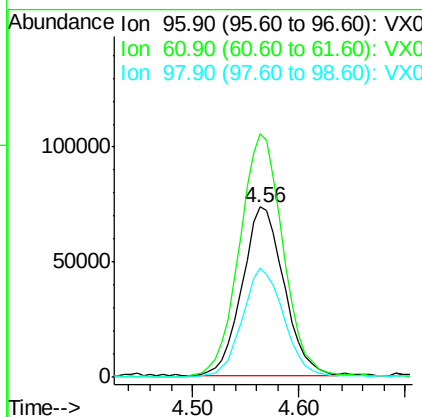
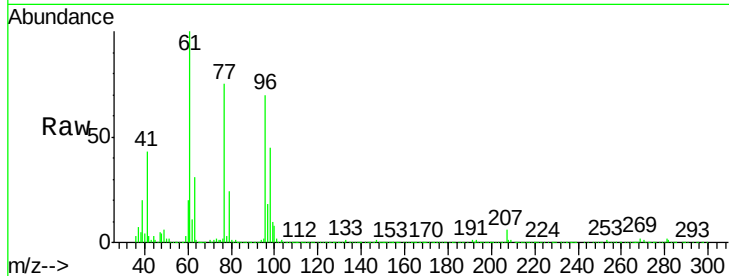
cis-1,2-Dichloroethene
Concen: 19.412 ug/l
RT: 4.56 min Scan# 603
Delta R.T. -0.01 min
Lab File: VX015840.D
Acq: 22 Apr 2020 14:45

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	202395		
61	150.3	0.0	299.4	
98	64.4	0.0	129.6	

Manual Integrations
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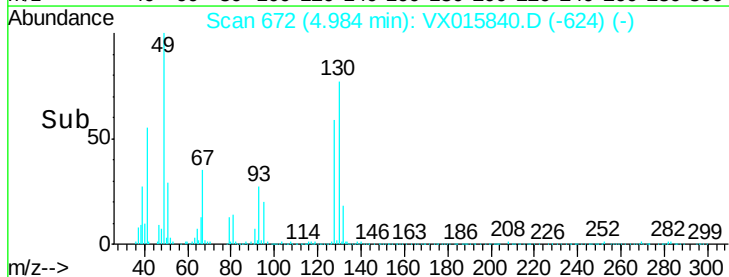
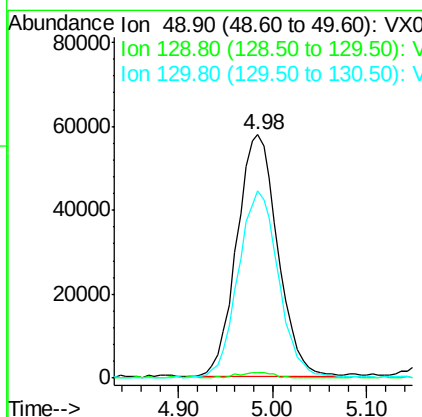
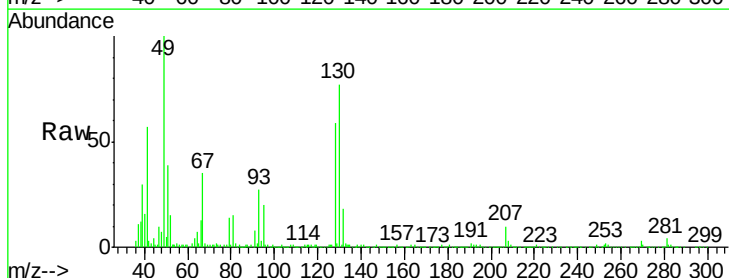
MMDadoda
4/23/2020 11:58:30 AM

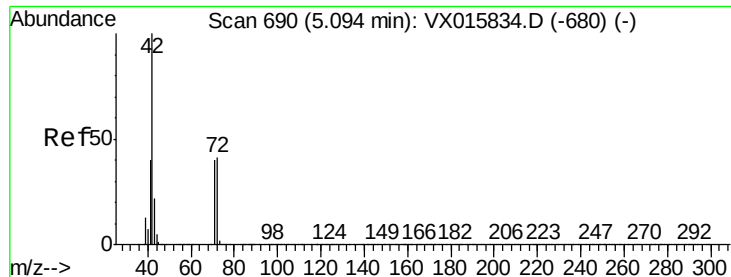


#28

Bromochloromethane
Concen: 20.124 ug/l
RT: 4.98 min Scan# 672
Delta R.T. -0.01 min
Lab File: VX015840.D
Acq: 22 Apr 2020 14:45

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	174478		
129	2.0	0.0	1.8#	
130	77.3	62.4	93.6	





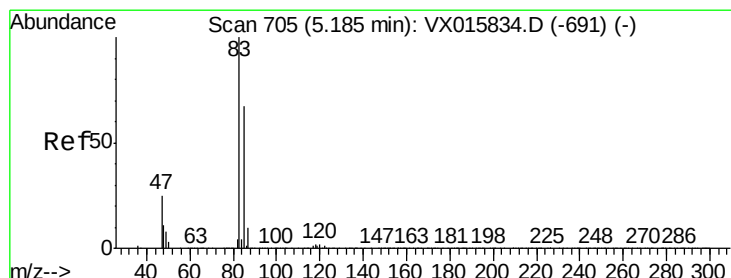
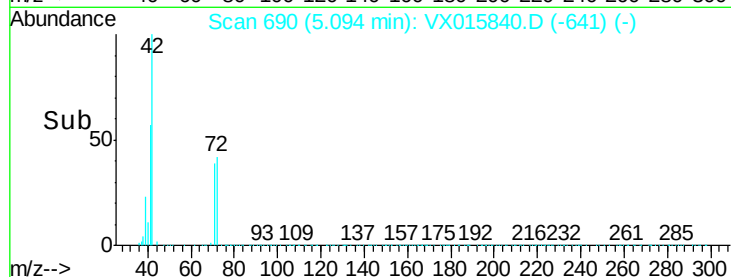
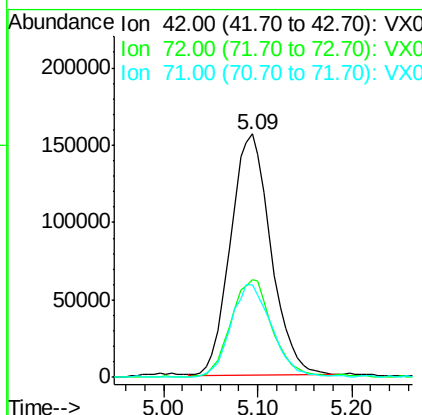
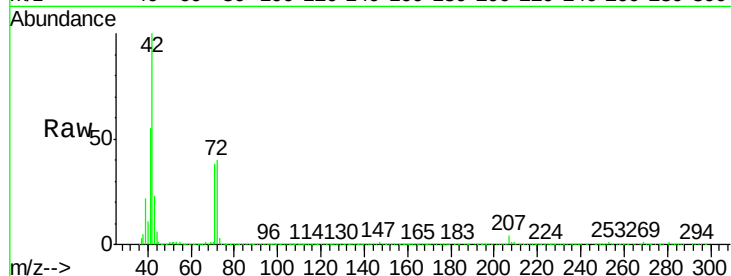
#29
Tetrahydrofuran
Concen: 95.946 ug/l
RT: 5.09 min Scan# 690
Delta R.T. 0.00 min
Lab File: VX015840.D
Acq: 22 Apr 2020 14:45

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.1	33.0	49.6
71	39.1	30.6	45.8

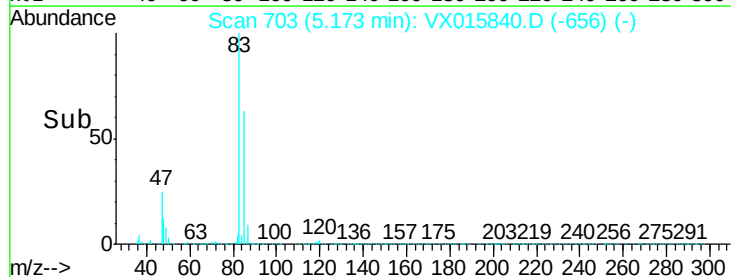
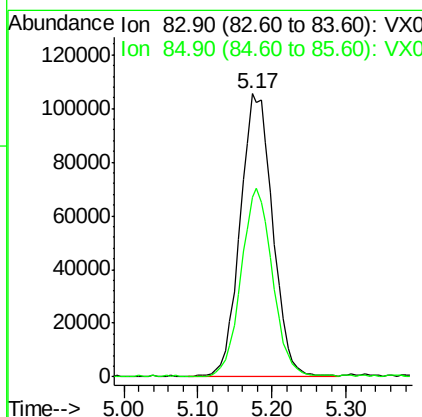
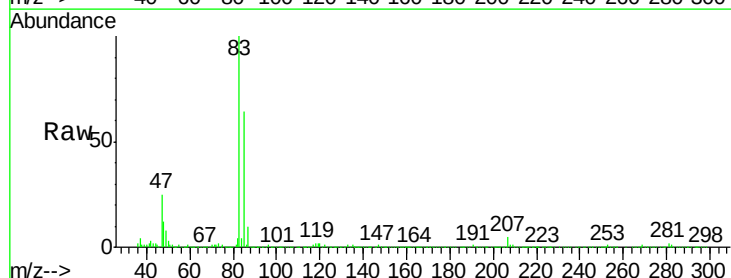
Manual Integrations
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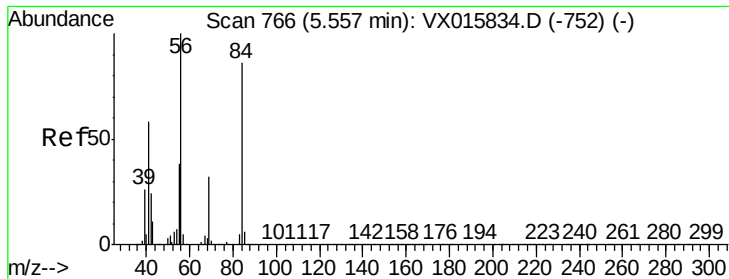
MMDadoda
4/23/2020 11:58:30 AM



#30
Chloroform
Concen: 19.464 ug/l
RT: 5.17 min Scan# 703
Delta R.T. -0.01 min
Lab File: VX015840.D
Acq: 22 Apr 2020 14:45

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.3	53.4	80.0





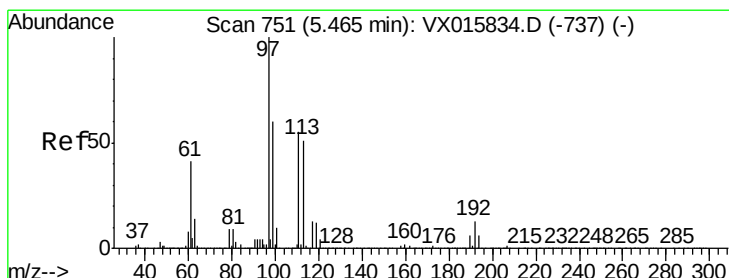
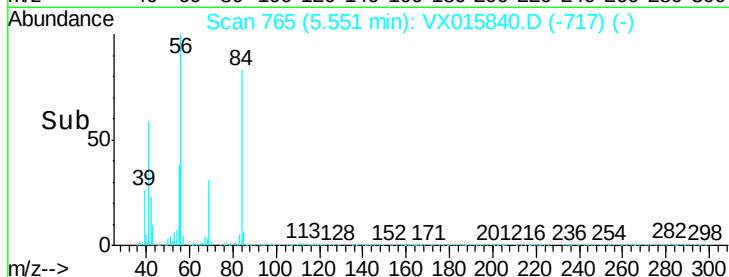
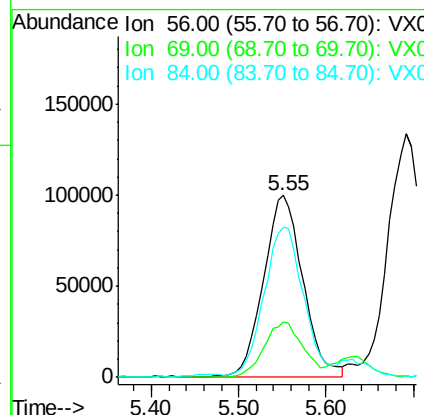
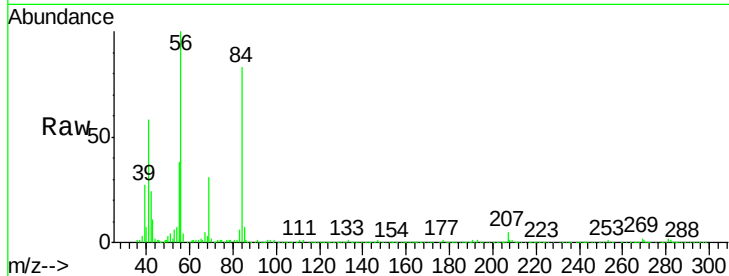
#31
Cyclohexane
Concen: 19.806 ug/l
RT: 5.55 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX015840.D
Acq: 22 Apr 2020 14:45

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.7	25.3	37.9
84	82.3	69.1	103.7

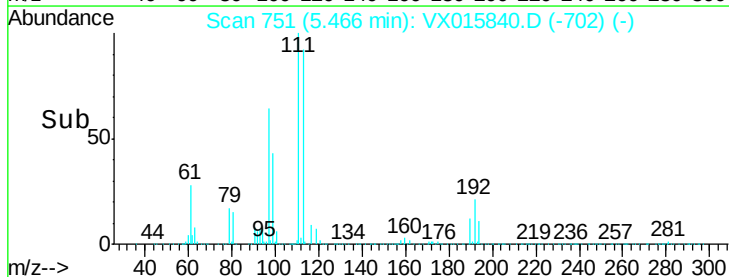
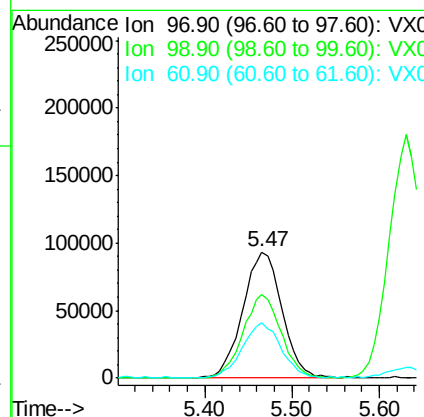
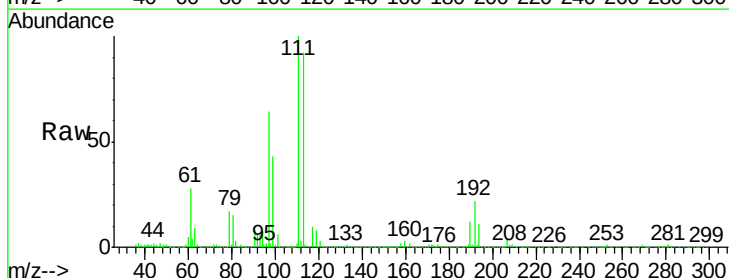
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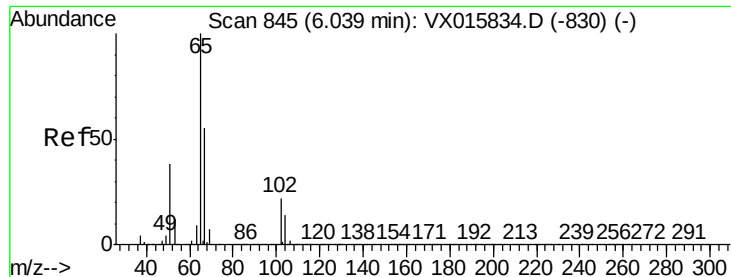
MMDadoda
4/23/2020 11:58:30 AM



#32
1,1,1-Trichloroethane
Concen: 19.478 ug/l
RT: 5.47 min Scan# 751
Delta R.T. 0.00 min
Lab File: VX015840.D
Acq: 22 Apr 2020 14:45

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.2	76.8
61	43.2	34.1	51.1





#33

1,2-Dichloroethane-d4

Concen: 48.456 ug/l

RT: 6.03 min Scan# 844

Delta R.T. -0.01 min

Lab File: VX015840.D

Acq: 22 Apr 2020 14:45

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBSD01

Tot Ion: 65 Resp: 520821

Ion Ratio Lower Upper

65 100

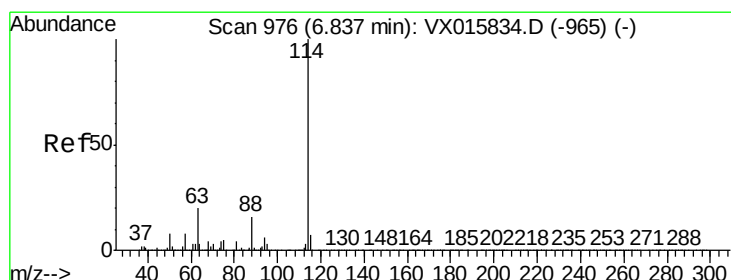
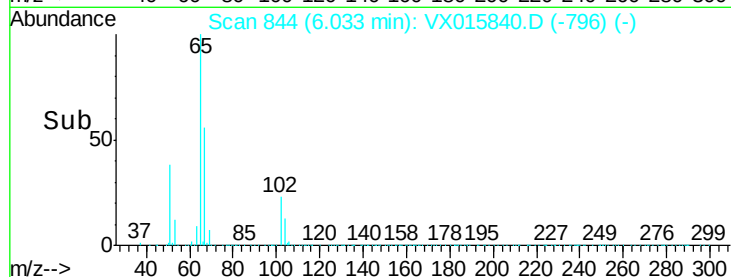
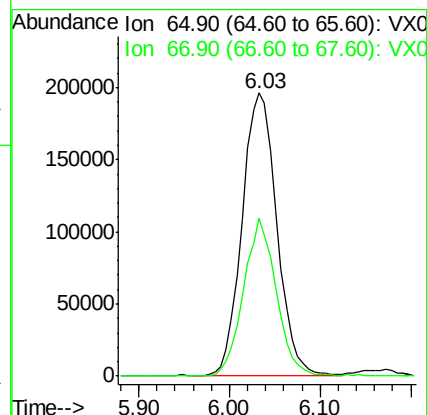
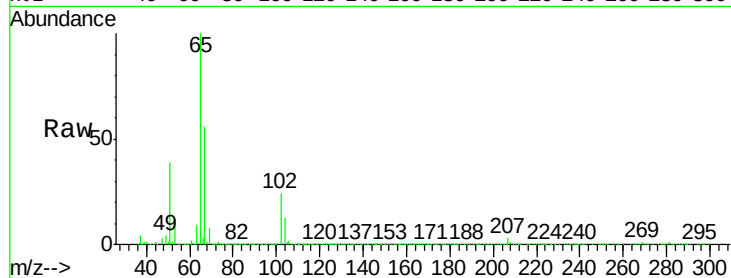
67 52.0 0.0 104.2

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 975

Delta R.T. -0.01 min

Lab File: VX015840.D

Acq: 22 Apr 2020 14:45

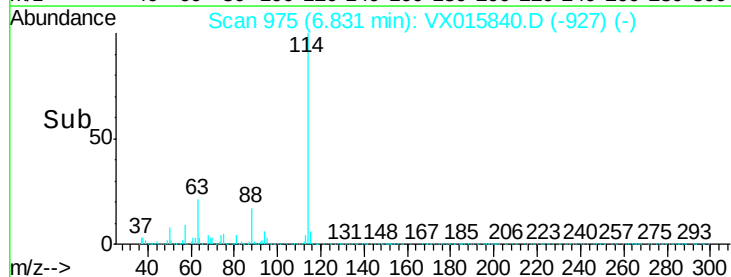
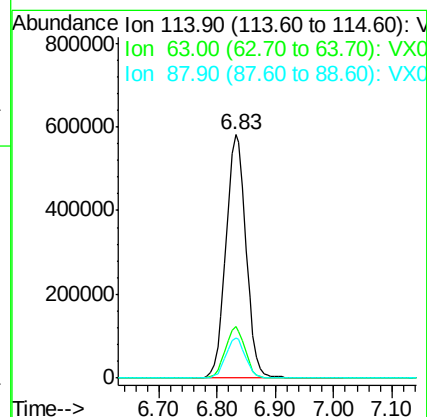
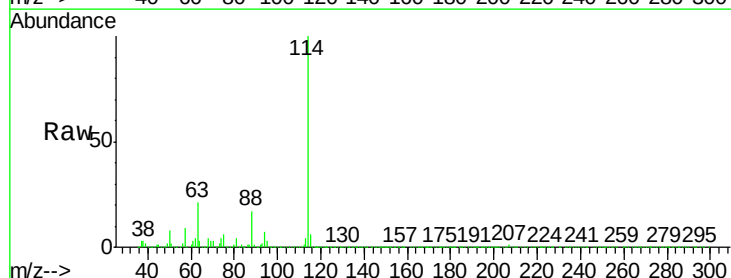
Tgt Ion: 114 Resp: 1388813

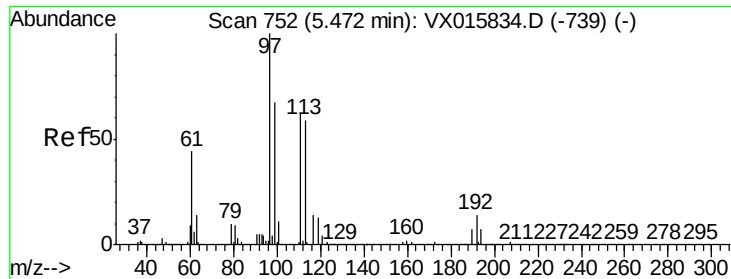
Ion Ratio Lower Upper

114 100

63 21.1 0.0 40.6

88 16.7 0.0 32.8





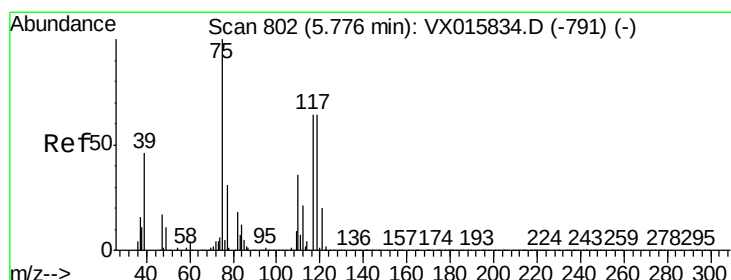
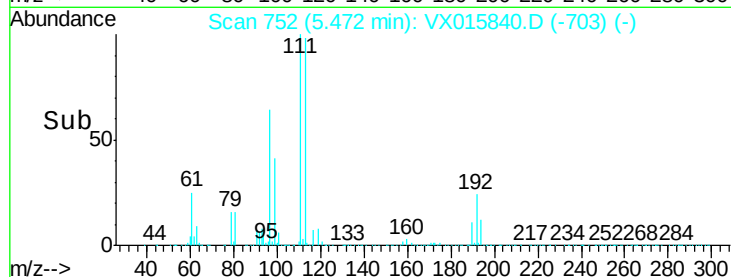
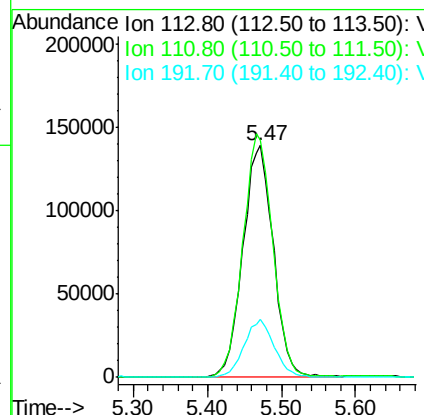
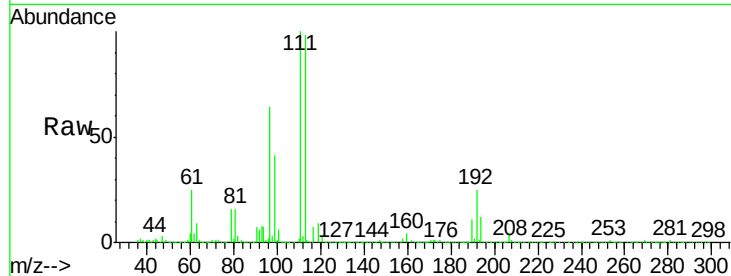
#35
 Dibromofluoromethane
 Concen: 49.786 ug/l
 RT: 5.47 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: VX015840.D
 Acq: 22 Apr 2020 14:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0422WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	399110		
111	103.3	82.7	124.1	
192	24.3	19.3	28.9	

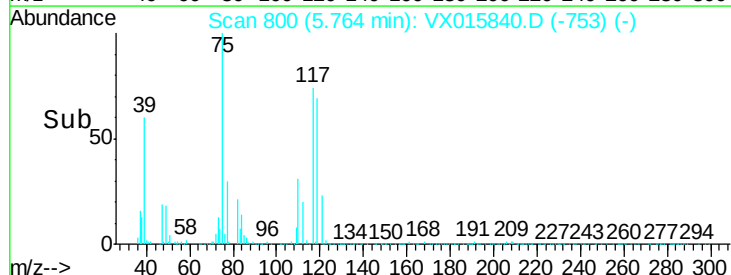
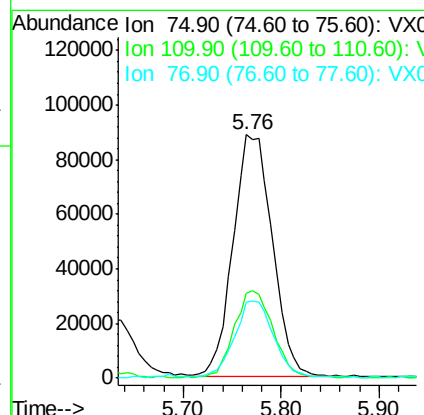
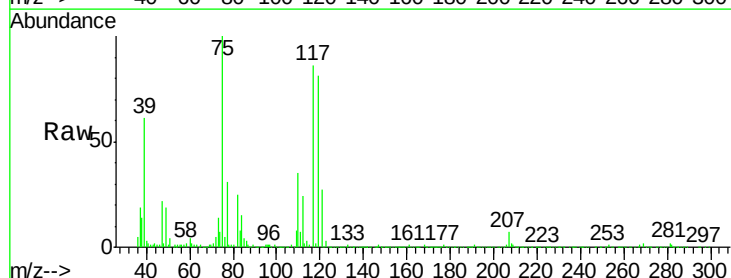
Manual Integrations
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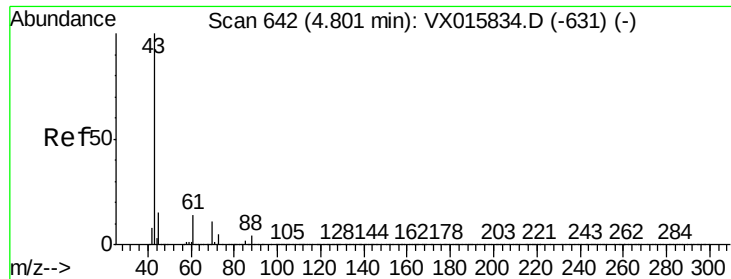
MMDadoda
 4/23/2020 11:58:30 AM



#36
 1,1-Dichloropropene
 Concen: 20.069 ug/l
 RT: 5.76 min Scan# 800
 Delta R.T. -0.01 min
 Lab File: VX015840.D
 Acq: 22 Apr 2020 14:45

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	247091		
110	35.3	17.9	53.8	
77	31.3	24.5	36.7	





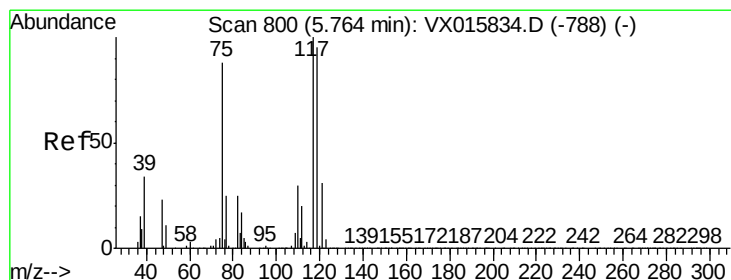
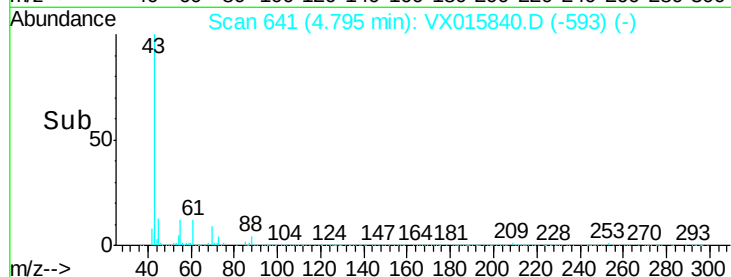
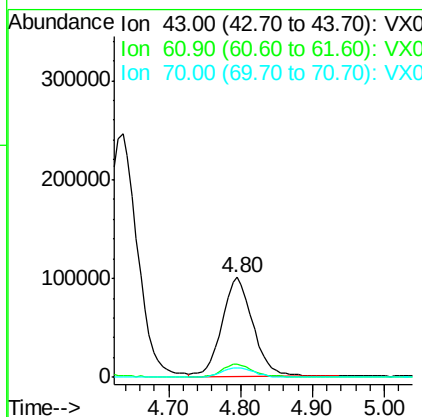
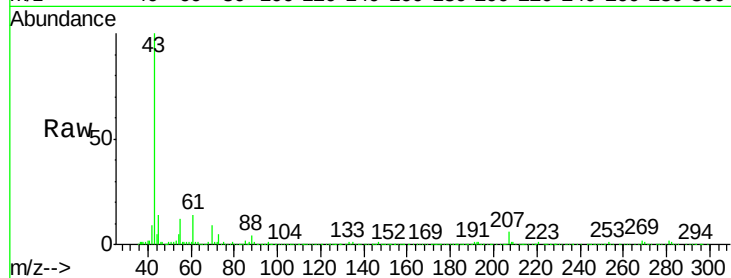
#37
Ethyl Acetate
Concen: 20.423 ug/l
RT: 4.80 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX015840.D
Acq: 22 Apr 2020 14:45

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.6	10.8	16.2
70	9.9	8.2	12.2

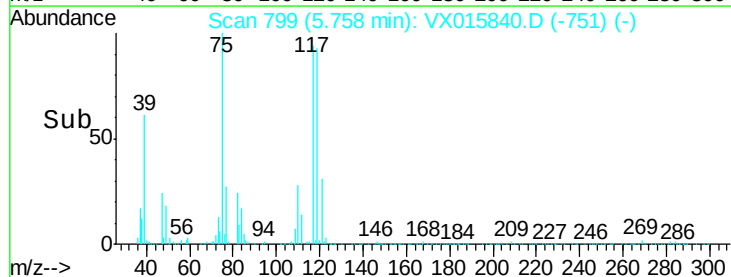
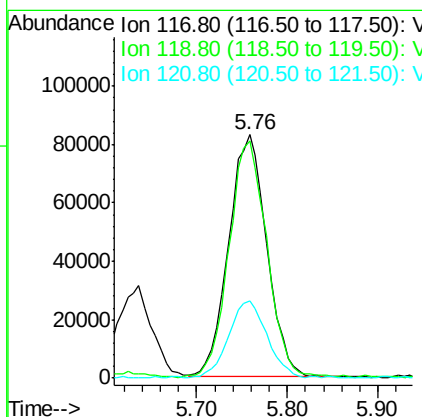
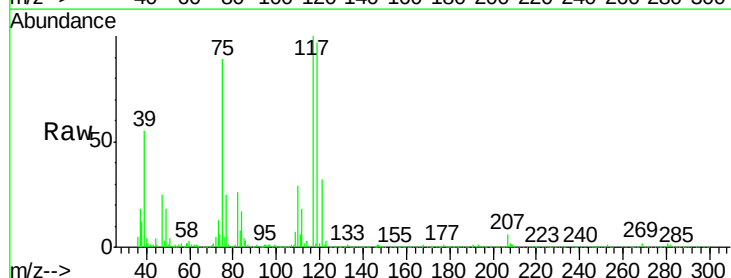
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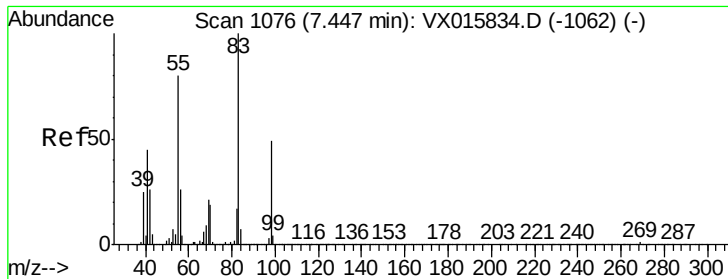
MMDadoda
4/23/2020 11:58:30 AM



#38
Carbon Tetrachloride
Concen: 19.915 ug/l
RT: 5.76 min Scan# 799
Delta R.T. -0.01 min
Lab File: VX015840.D
Acq: 22 Apr 2020 14:45

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.1	75.7	113.5
121	31.8	25.0	37.6





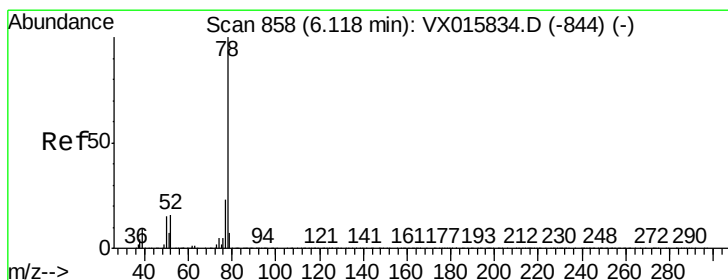
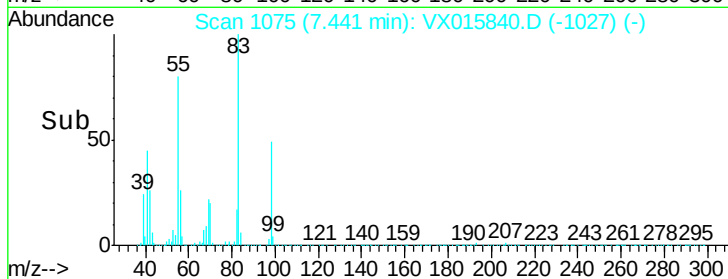
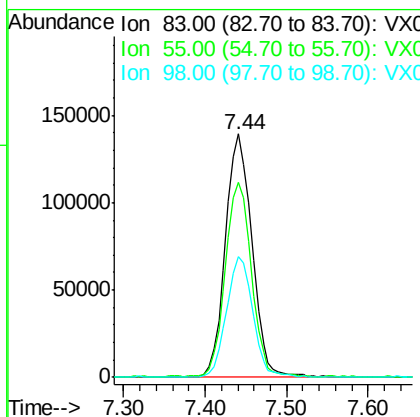
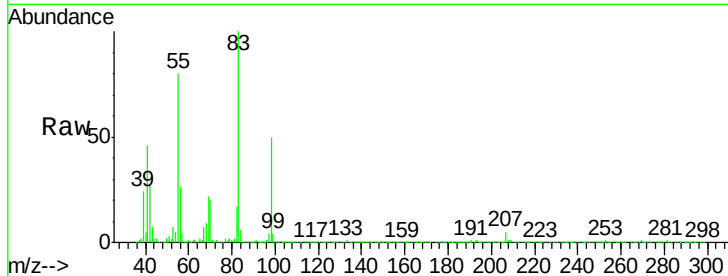
#39
Methylvlcyclohexane
Concen: 19.960 ug/l
RT: 7.44 min Scan# 1075
Delta R.T. -0.01 min
Lab File: VX015840.D
Acq: 22 Apr 2020 14:45

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	79.8	64.2	96.4	
98	49.5	39.3	58.9	

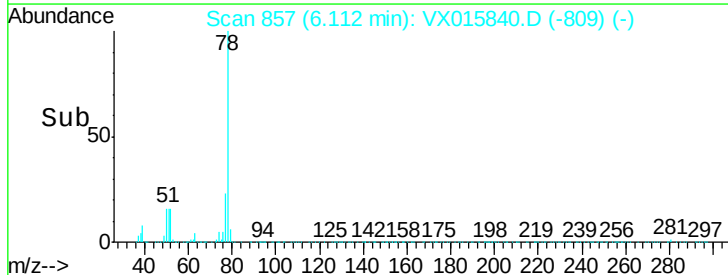
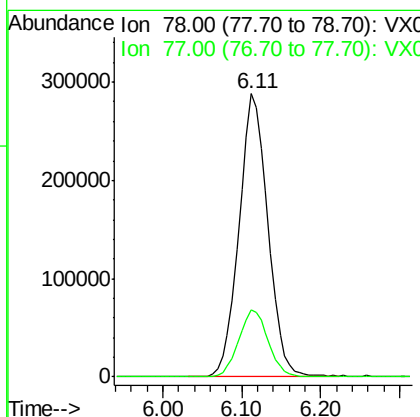
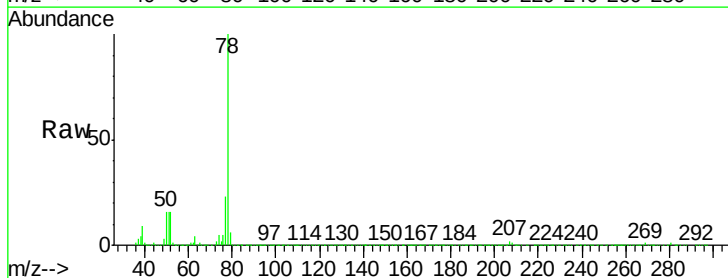
Manual Integrations
APPROVED

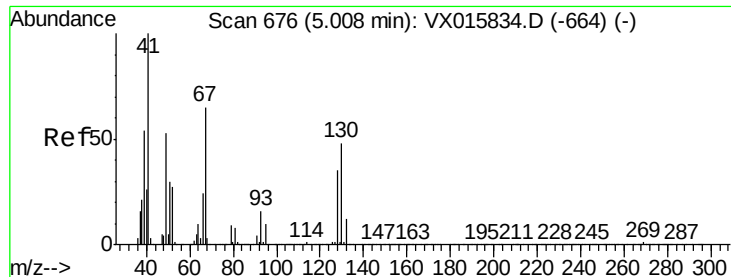
MMDadoda
4/23/2020 11:58:30 AM



#40
Benzene
Concen: 19.646 ug/l
RT: 6.11 min Scan# 857
Delta R.T. -0.01 min
Lab File: VX015840.D
Acq: 22 Apr 2020 14:45

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	23.3	18.6	27.8	





#41

Methacrylonitrile

Concen: 20.101 ug/l

RT: 5.00 min Scan# 675

Delta R.T. -0.01 min

Lab File: VX015840.D

Acq: 22 Apr 2020 14:45

Instrument :

MSVOA_X

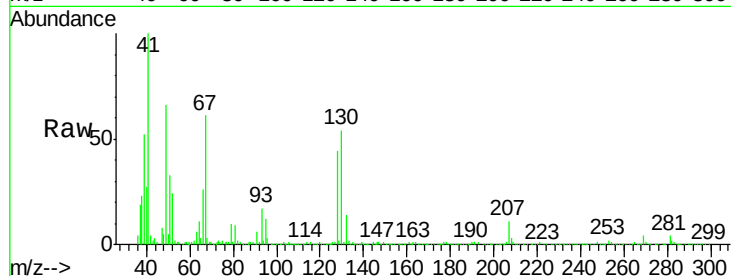
ClientSampleId :

VX0422WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		163664		
39	55.0	42.4	63.6		
67	65.1	51.9	77.9		
52	27.6	21.0	31.4		

Manual Integrations
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4/23/2020 11:58:30 AM

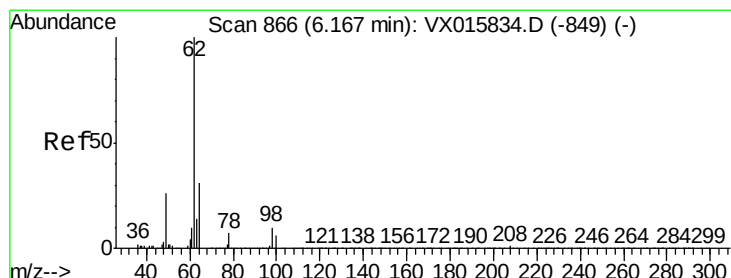
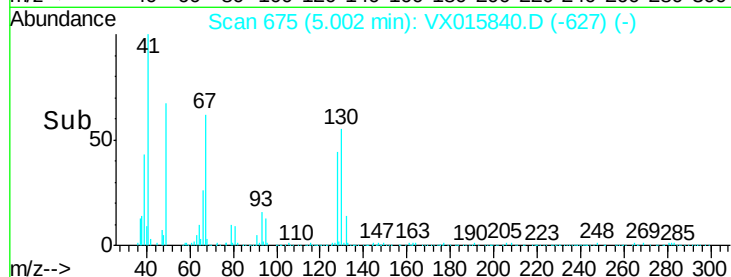
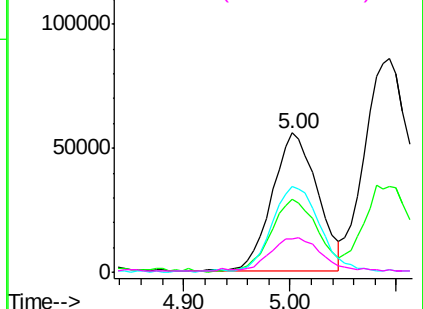


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 20.091 ug/l

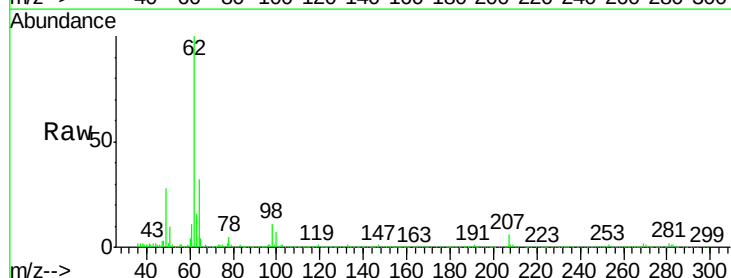
RT: 6.17 min Scan# 866

Delta R.T. 0.00 min

Lab File: VX015840.D

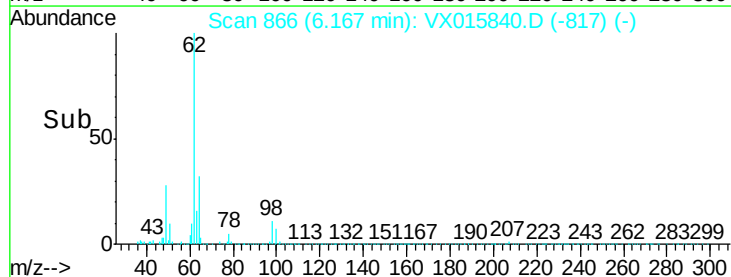
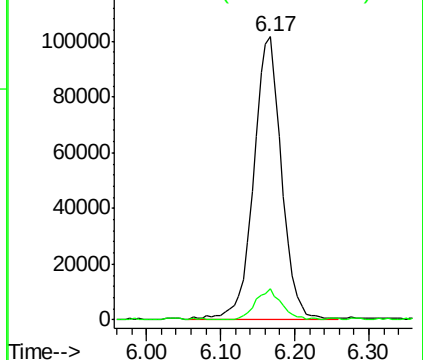
Acq: 22 Apr 2020 14:45

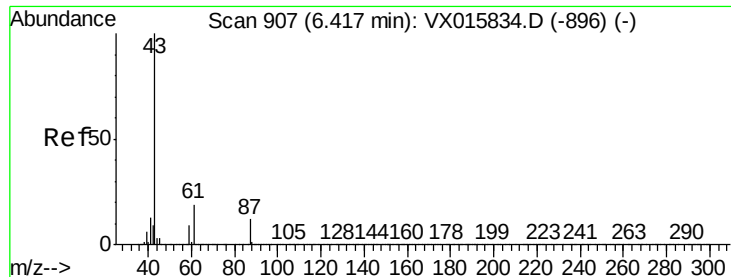
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		268283		
98	10.1	0.0	20.0		



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

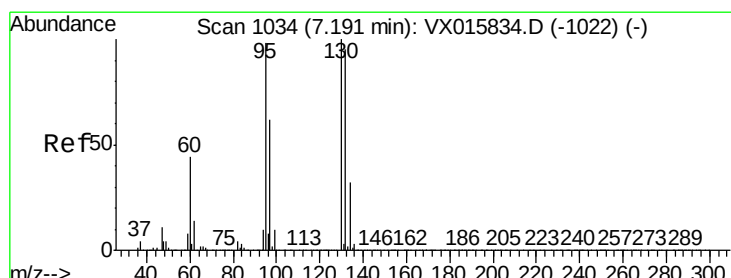
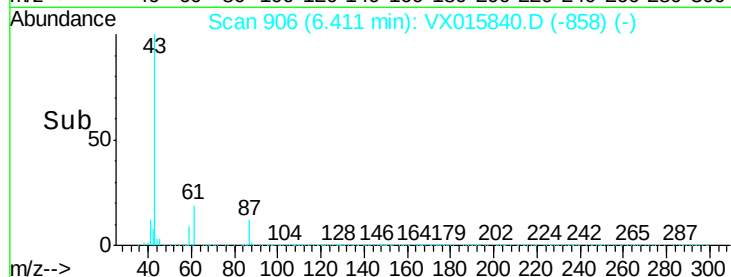
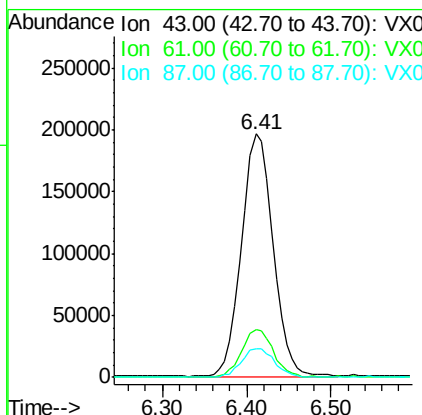
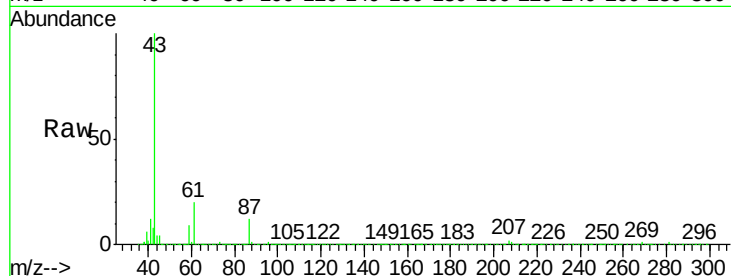
Isopropyl Acetate
 Concen: 20.064 ug/l
 RT: 6.41 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: VX015840.D
 Acq: 22 Apr 2020 14:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0422WBSD01

Tot Ion	43	Resp	495935
Ion Ratio	100	Lower	Upper
43	100		
61	19.2	15.4	23.2
87	12.0	9.8	14.6

Manual Integrations
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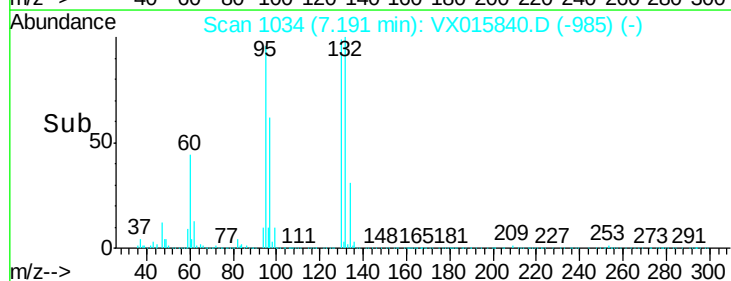
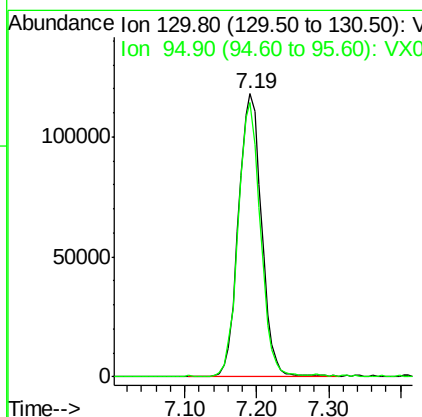
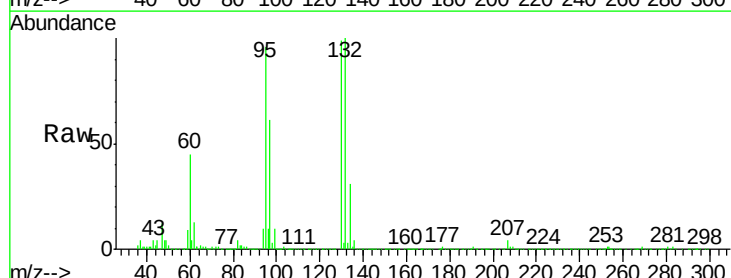
MMDadoda
 4/23/2020 11:58:30 AM

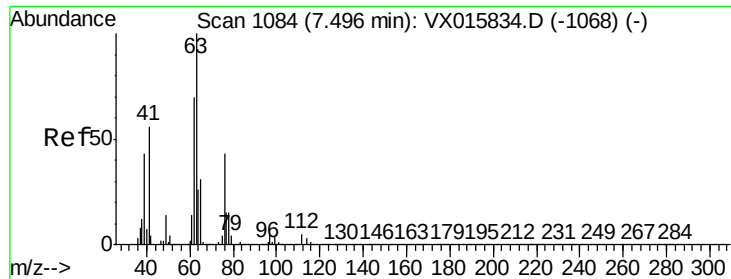


#44

Trichloroethene
 Concen: 20.229 ug/l
 RT: 7.19 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: VX015840.D
 Acq: 22 Apr 2020 14:45

Tgt Ion	130	Resp	263622
Ion Ratio	100	Lower	Upper
130	100		
95	96.8	0.0	195.8





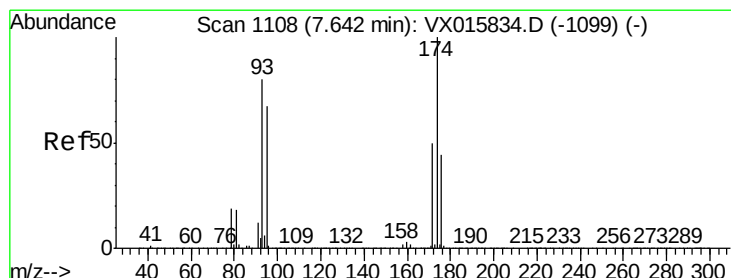
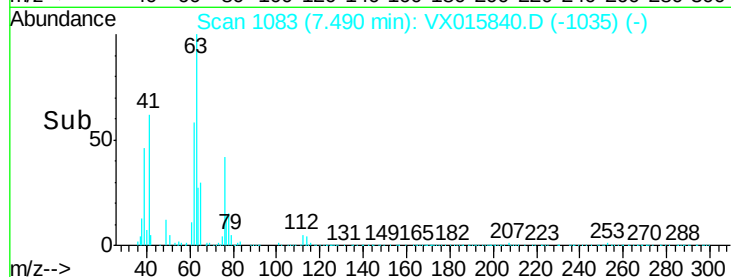
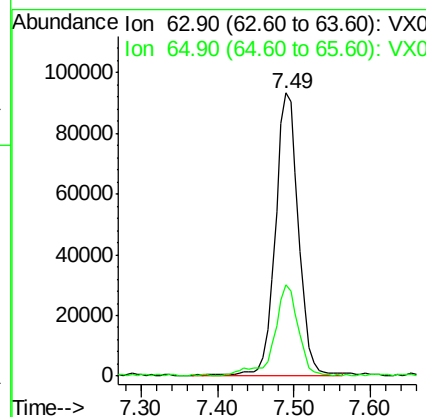
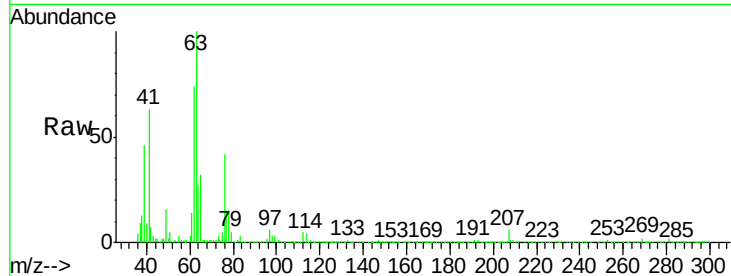
#45
 1,2-Dichloropropane
 Concen: 20.256 ug/l
 RT: 7.49 min Scan# 1083
 Delta R.T. -0.01 min
 Lab File: VX015840.D
 Acq: 22 Apr 2020 14:45

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0422WBSD01

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.8	24.5	36.7

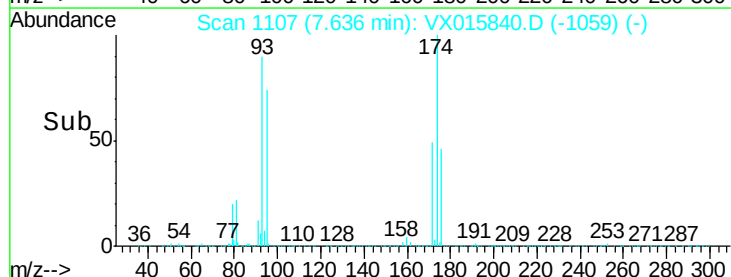
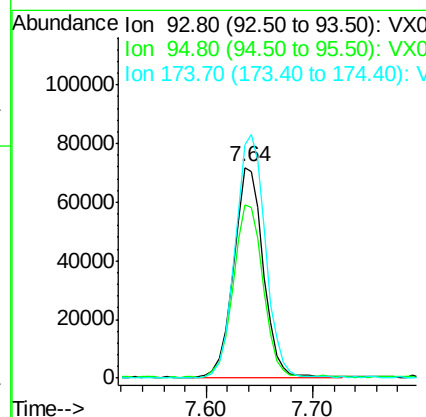
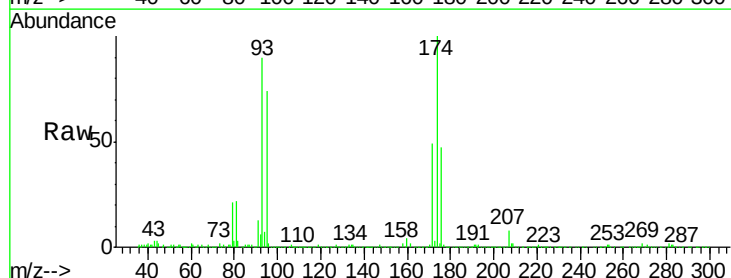
Manual Integrations
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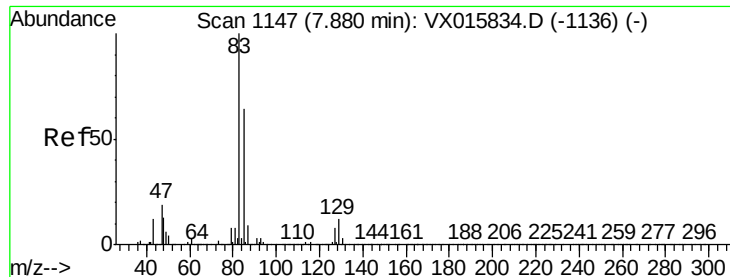
MMDadoda
 4/23/2020 11:58:30 AM



#46
 Dibromomethane
 Concen: 19.701 ug/l
 RT: 7.64 min Scan# 1107
 Delta R.T. -0.01 min
 Lab File: VX015840.D
 Acq: 22 Apr 2020 14:45

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.3	65.8	98.8
174	118.8	95.6	143.4





#47

Bromodichloromethane

Concen: 19.643 ug/l

RT: 7.87 min Scan# 1146

Delta R.T. -0.01 min

Lab File: VX015840.D

Acq: 22 Apr 2020 14:45

Instrument :

MSVOA_X

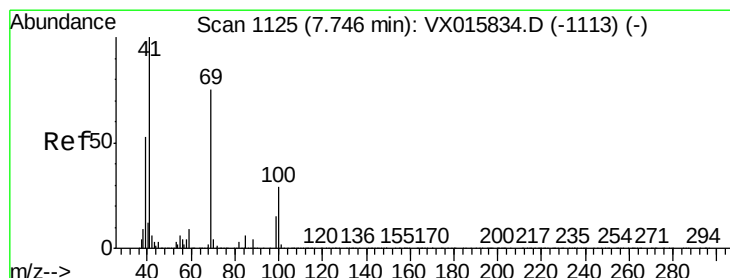
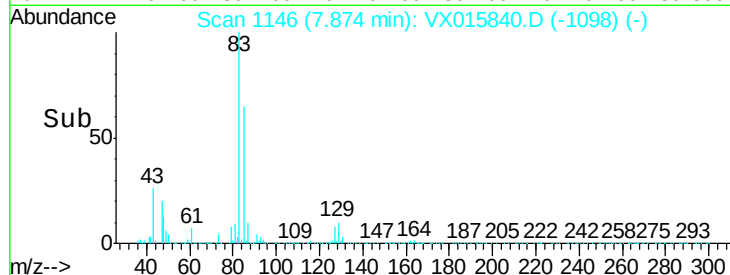
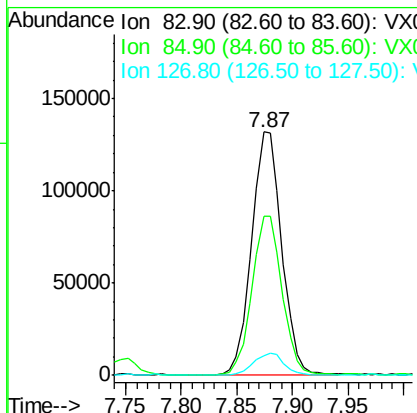
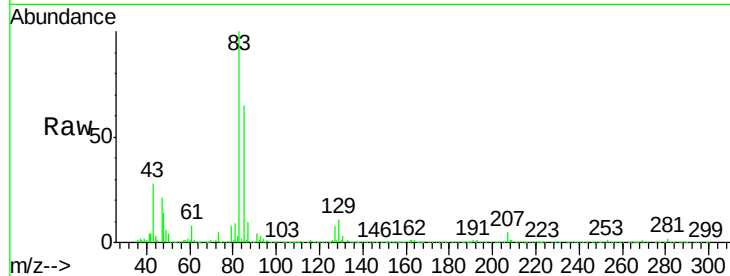
ClientSampleId :

VX0422WBSD01

Tot Ion:	83	Resp:	247897
Ion Ratio	Lower	Upper	
83	100		
85	65.0	50.8	76.2
127	7.8	6.6	10.0

Manual Integrations
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MMDadoda
4/23/2020 11:58:30 AM



#48

Methyl methacrylate

Concen: 20.414 ug/l

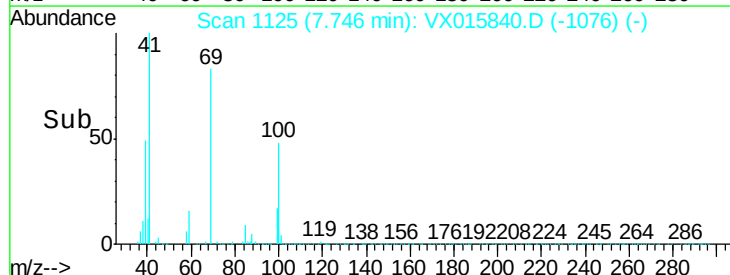
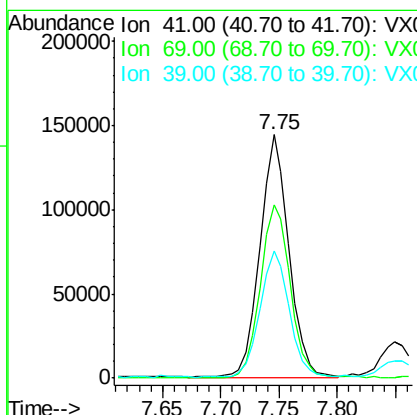
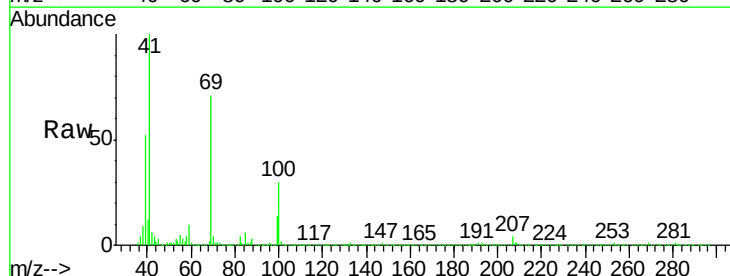
RT: 7.75 min Scan# 1125

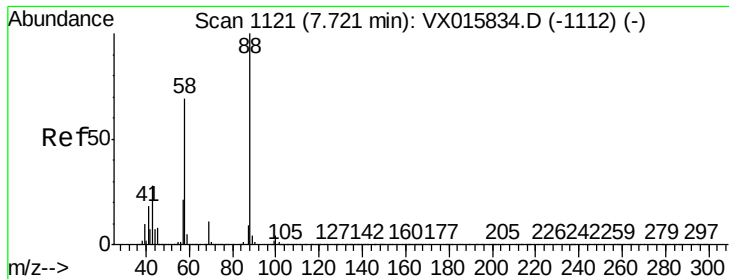
Delta R.T. 0.00 min

Lab File: VX015840.D

Acq: 22 Apr 2020 14:45

Tgt Ion:	41	Resp:	248198
Ion Ratio	Lower	Upper	
41	100		
69	74.3	60.5	90.7
39	53.1	42.1	63.1





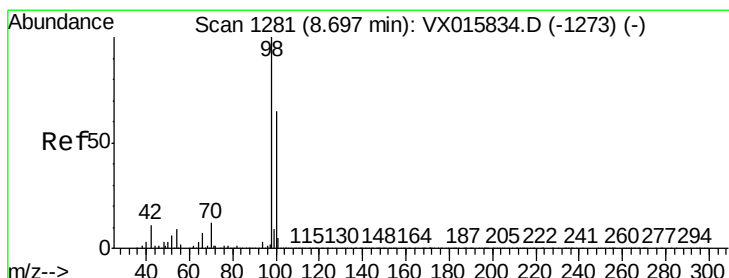
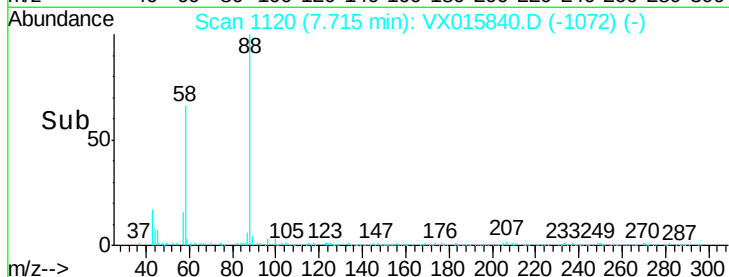
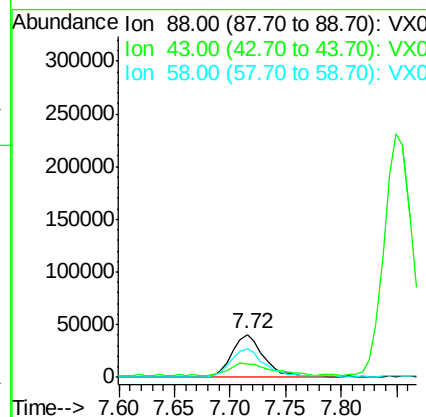
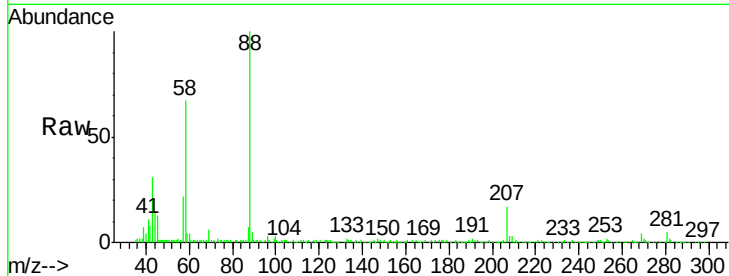
#49
1,4-Dioxane
Concen: 350.724 ug/l
RT: 7.72 min Scan# 1120
Delta R.T. -0.01 min
Lab File: VX015840.D
Acq: 22 Apr 2020 14:45

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.8	28.2	42.4
58	76.2	58.9	88.3

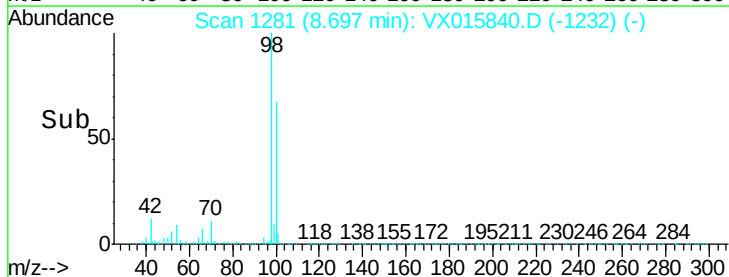
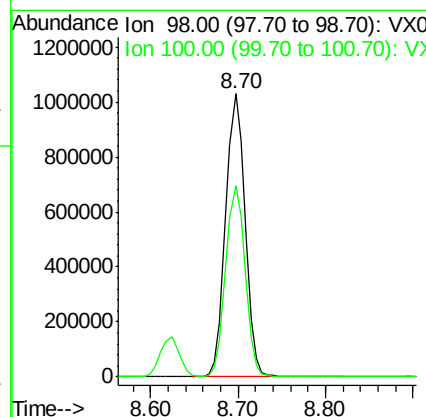
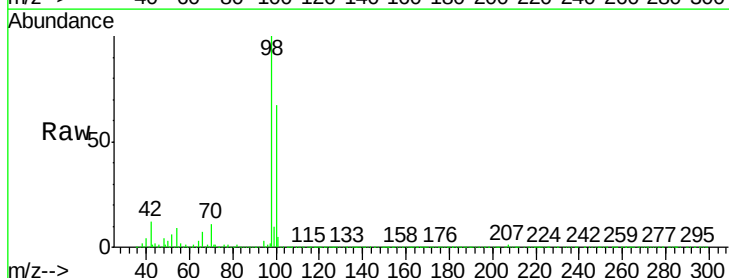
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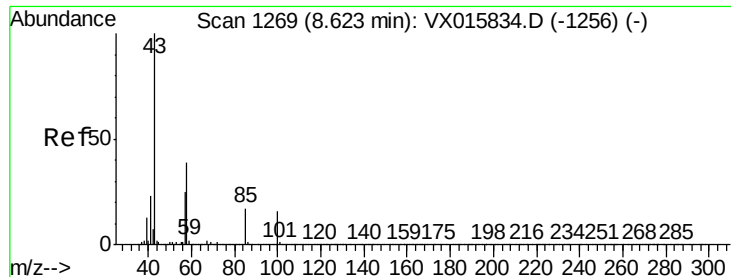
MMDadoda
4/23/2020 11:58:30 AM



#50
Toluene-d8
Concen: 49.212 ug/l
RT: 8.70 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VX015840.D
Acq: 22 Apr 2020 14:45

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.7	53.8	80.6





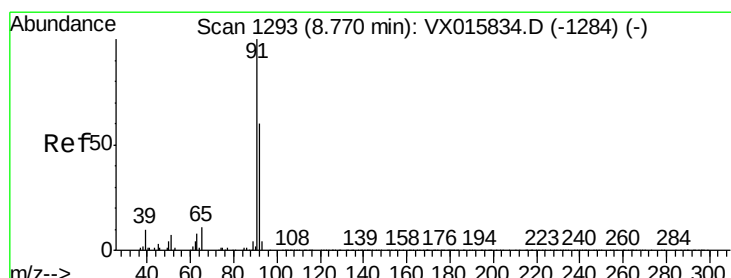
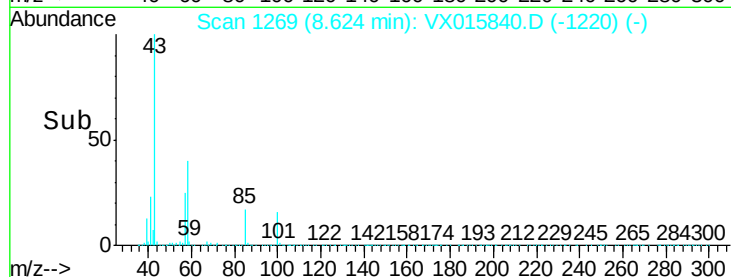
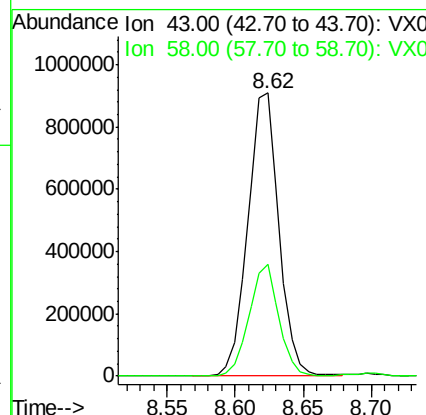
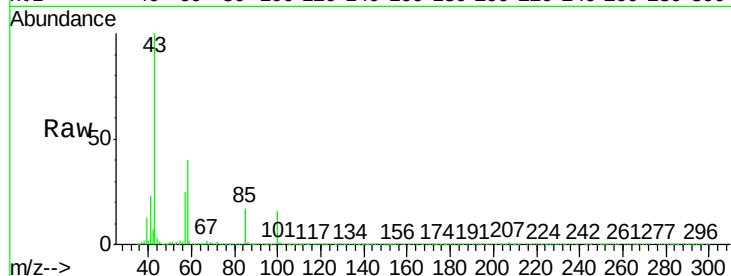
#51
4-Methyl-2-Pentanone
Concen: 101.176 ug/l
RT: 8.62 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VX015840.D
Acq: 22 Apr 2020 14:45

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBSD01

Tot Ion: 43 Resp: 1443478
Ion Ratio Lower Upper
43 100
58 37.9 30.6 45.8

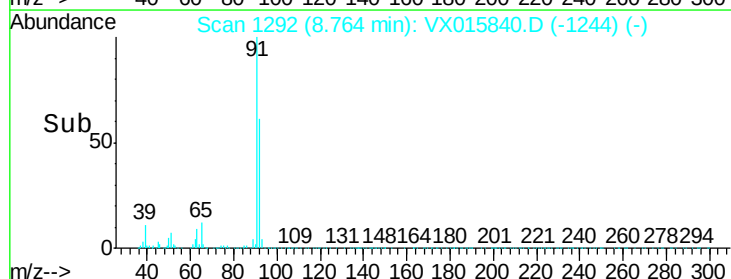
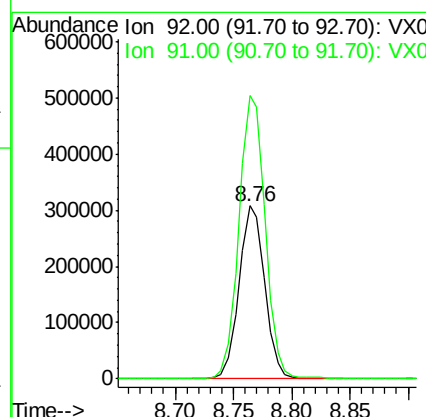
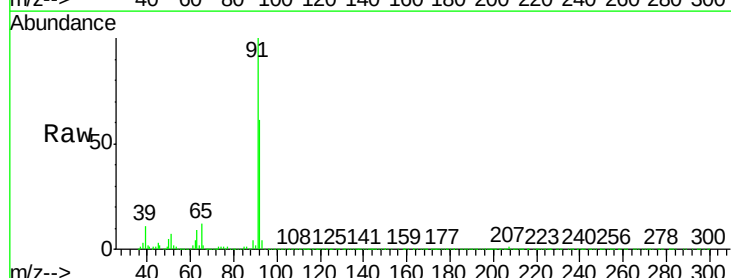
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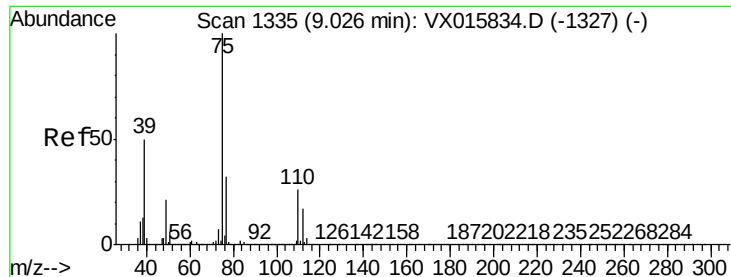
MMDadoda
4/23/2020 11:58:30 AM



#52
Toluene
Concen: 19.917 ug/l
RT: 8.76 min Scan# 1292
Delta R.T. -0.01 min
Lab File: VX015840.D
Acq: 22 Apr 2020 14:45

Tgt Ion: 92 Resp: 473399
Ion Ratio Lower Upper
92 100
91 167.3 133.4 200.0





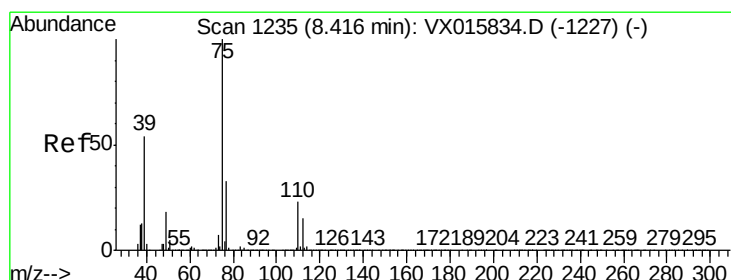
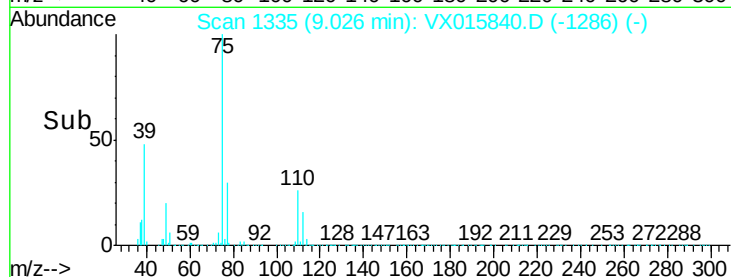
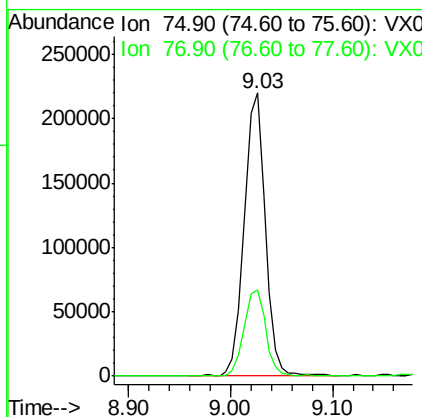
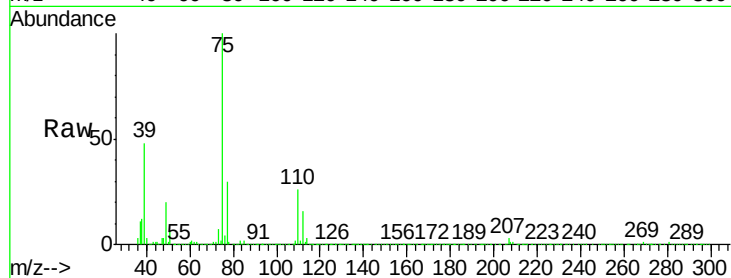
#53
t-1,3-Dichloropropene
Concen: 19.986 ug/l
RT: 9.03 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX015840.D
Acq: 22 Apr 2020 14:45

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.2	25.9	38.9

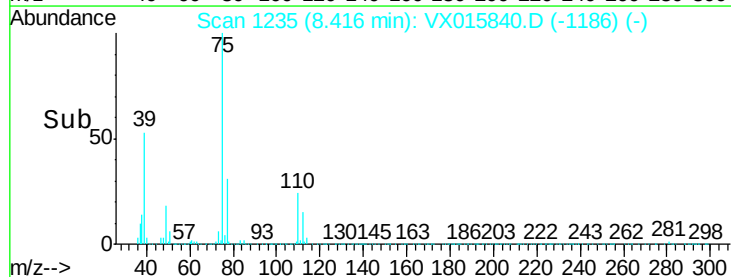
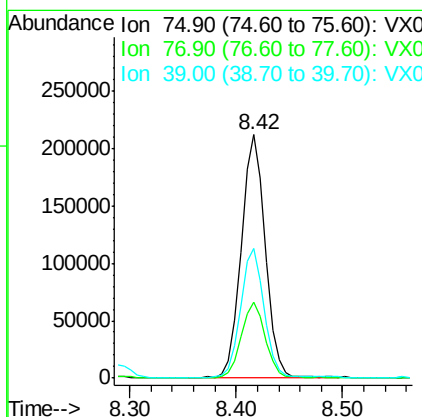
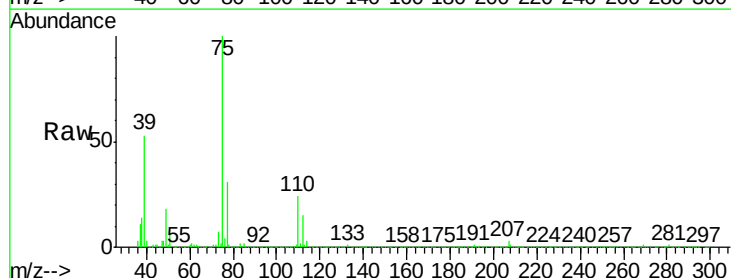
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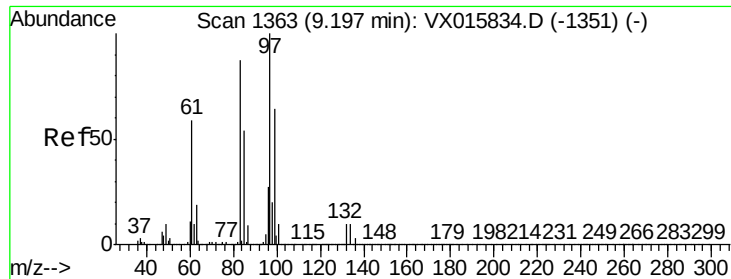
MMDadoda
4/23/2020 11:58:30 AM



#54
cis-1,3-Dichloropropene
Concen: 20.274 ug/l
RT: 8.42 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VX015840.D
Acq: 22 Apr 2020 14:45

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.9	26.0	39.0
39	52.9	42.8	64.2





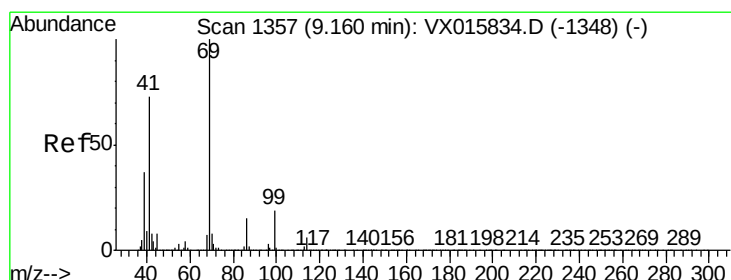
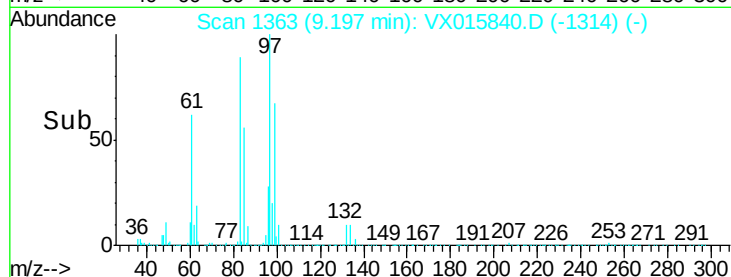
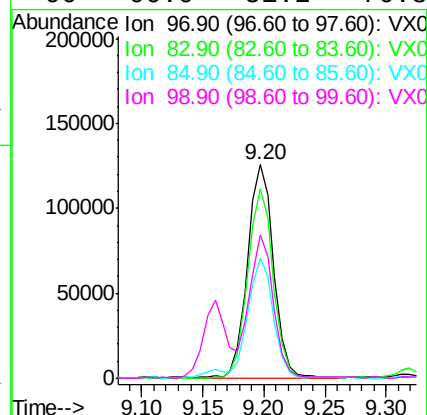
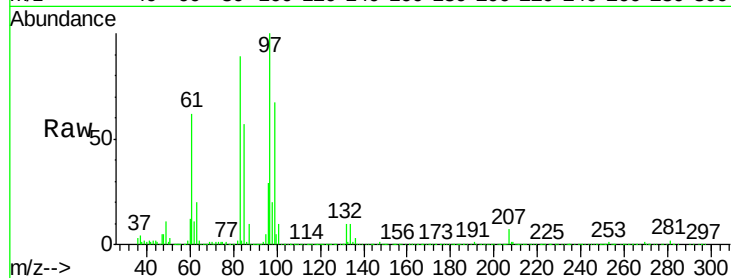
#55
1,1,2-Trichloroethane
Concen: 19.992 ug/l
RT: 9.20 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VX015840.D
Acq: 22 Apr 2020 14:45

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		185551		
83	88.6	69.8	104.8		
85	56.4	43.4	65.2		
99	66.9	51.2	76.8		

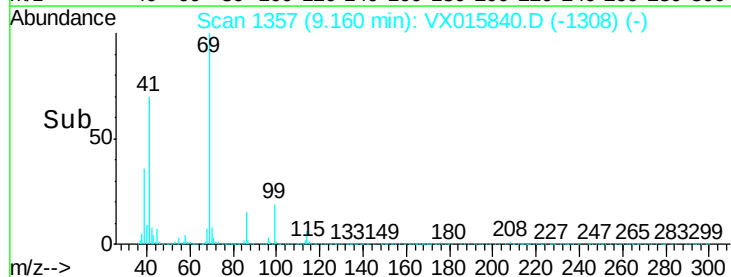
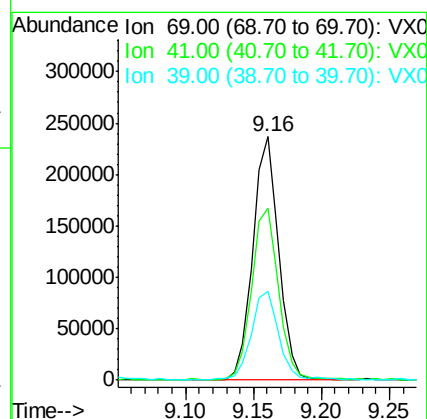
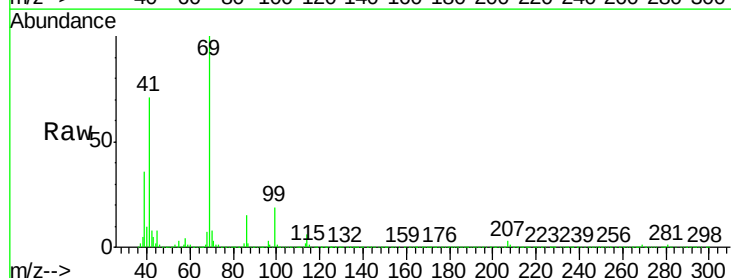
Manual Integrations
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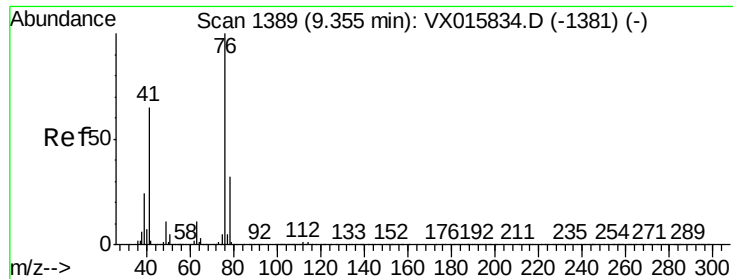
MMDadoda
4/23/2020 11:58:30 AM



#56
Ethyl methacrylate
Concen: 20.121 ug/l
RT: 9.16 min Scan# 1357
Delta R.T. 0.00 min
Lab File: VX015840.D
Acq: 22 Apr 2020 14:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		316321		
41	72.8	57.4	86.2		
39	38.1	29.7	44.5		





#57

1,3-Dichloropropane

Concen: 20.252 ug/l

RT: 9.36 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VX015840.D

Acq: 22 Apr 2020 14:45

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBSD01

Tot Ion: 76 Resp: 326628

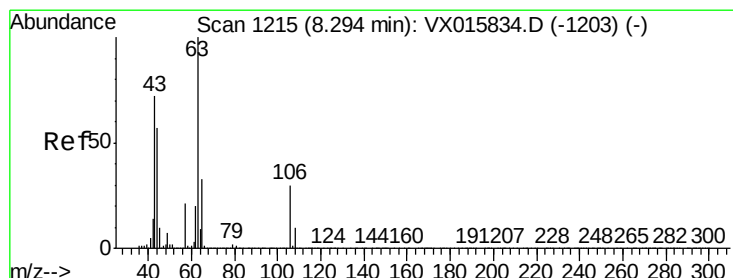
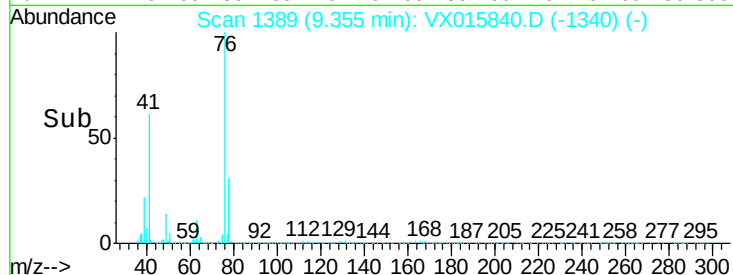
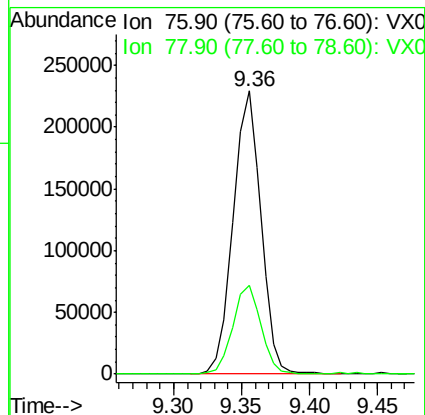
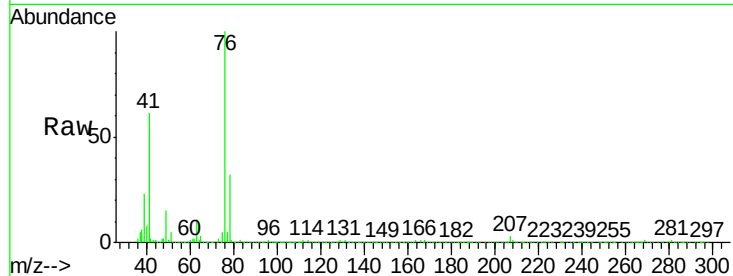
Ion Ratio Lower Upper

76 100

78 31.6 25.4 38.2

Manual Integrations
APPROVED

MMDadoda
4/23/2020 11:58:30 AM



#58

2-Chloroethyl Vinyl ether

Concen: 100.869 ug/l

RT: 8.29 min Scan# 1214

Delta R.T. -0.01 min

Lab File: VX015840.D

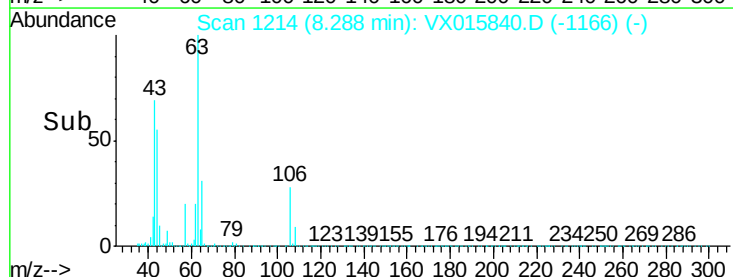
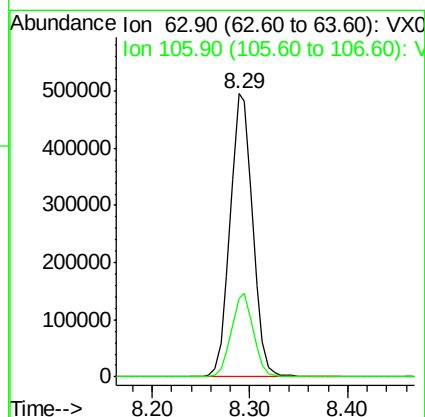
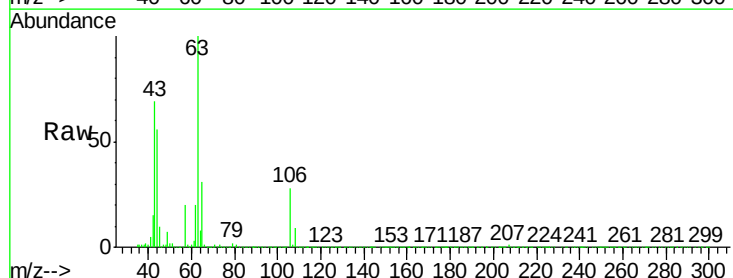
Acq: 22 Apr 2020 14:45

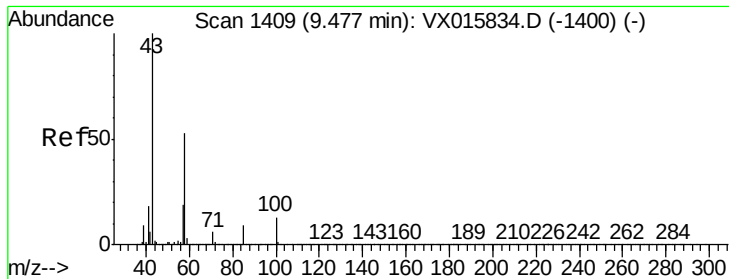
Tgt Ion: 63 Resp: 792177

Ion Ratio Lower Upper

63 100

106 28.9 23.8 35.8





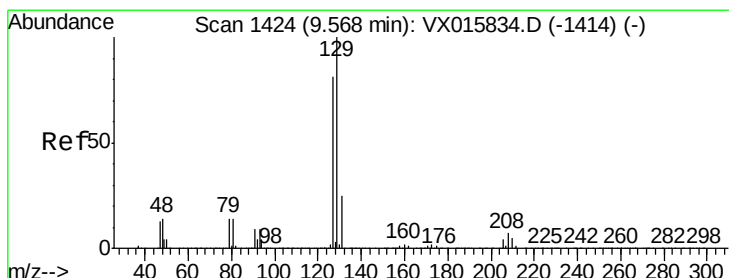
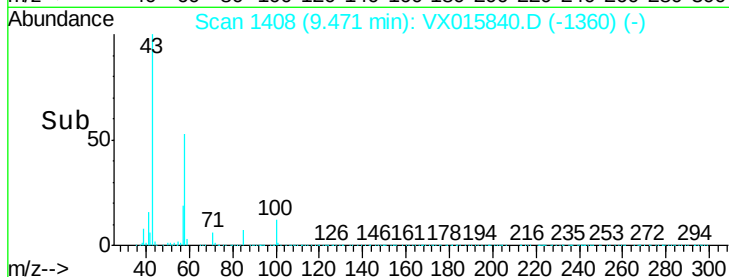
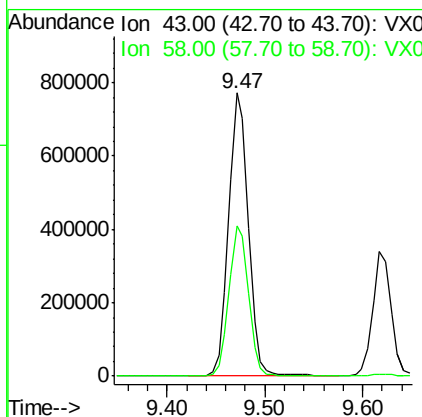
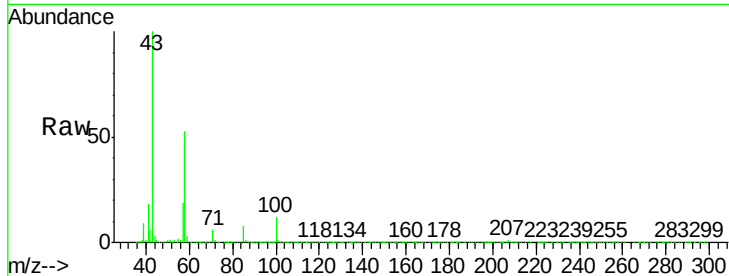
#59
2-Hexanone
Concen: 98.566 ug/l
RT: 9.47 min Scan# 1408
Delta R.T. -0.01 min
Lab File: VX015840.D
Acq: 22 Apr 2020 14:45

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBSD01

Tot Ion: 43 Resp: 1071284
Ion Ratio Lower Upper
43 100
58 53.1 26.5 79.4

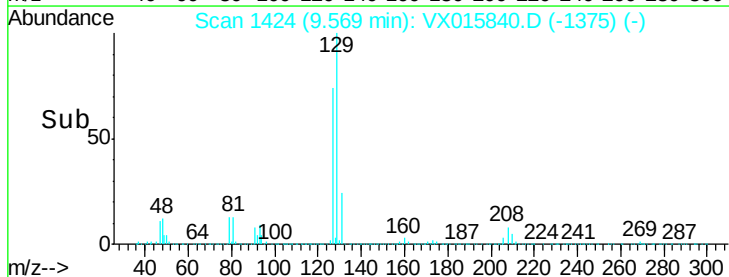
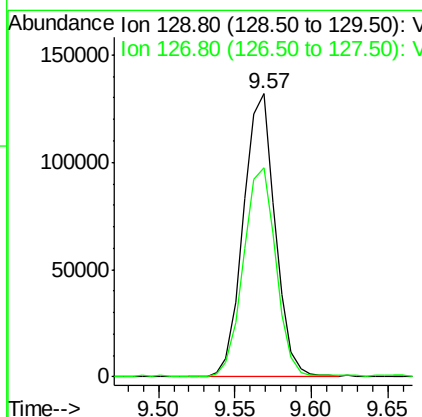
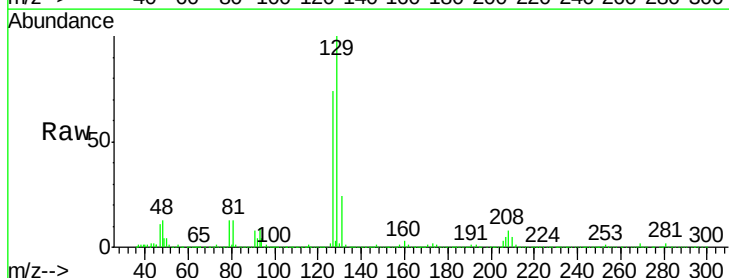
Manual Integrations
APPROVED

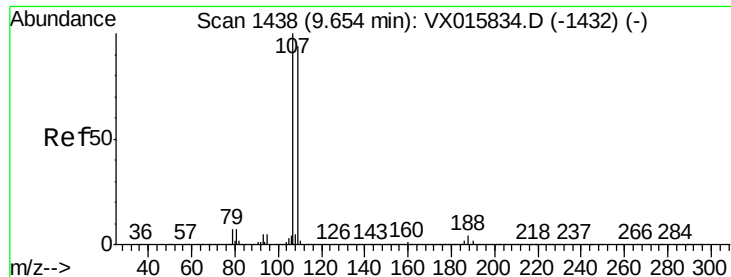
MMDadoda
4/23/2020 11:58:30 AM



#60
Dibromochloromethane
Concen: 19.859 ug/l
RT: 9.57 min Scan# 1424
Delta R.T. 0.00 min
Lab File: VX015840.D
Acq: 22 Apr 2020 14:45

Tgt Ion: 129 Resp: 190340
Ion Ratio Lower Upper
129 100
127 75.7 40.0 120.0





#61

1,2-Dibromoethane

Concen: 19.364 ug/l

RT: 9.65 min Scan# 1438

Delta R.T. 0.00 min

Lab File: VX015840.D

Acq: 22 Apr 2020 14:45

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBSD01

Tot Ion: 107 Resp: 198628

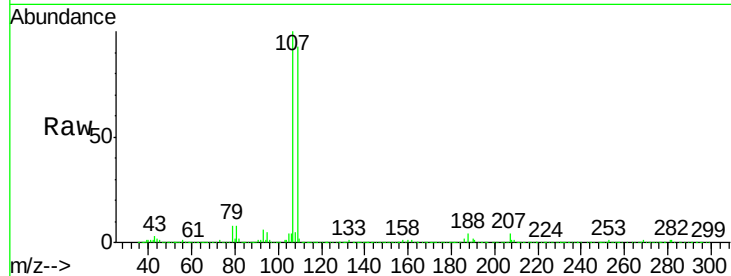
Ion Ratio Lower Upper

107 100

109 95.3 75.4 113.0

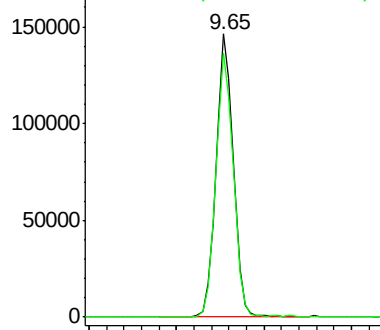
Manual Integrations
APPROVED

MMDadoda
4/23/2020 11:58:30 AM

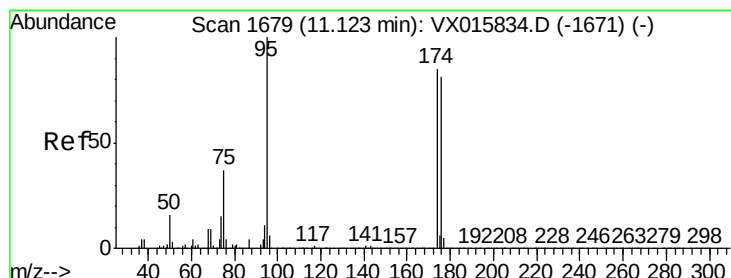
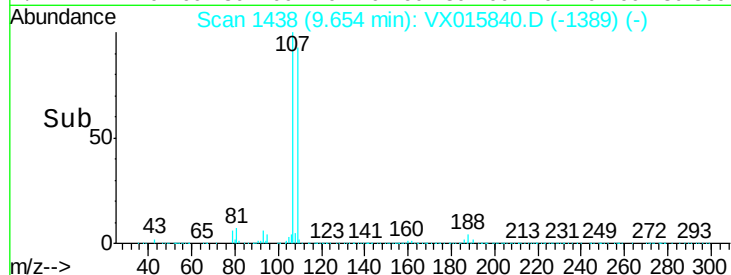


Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



Time-->



#62

4-Bromofluorobenzene

Concen: 47.739 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015840.D

Acq: 22 Apr 2020 14:45

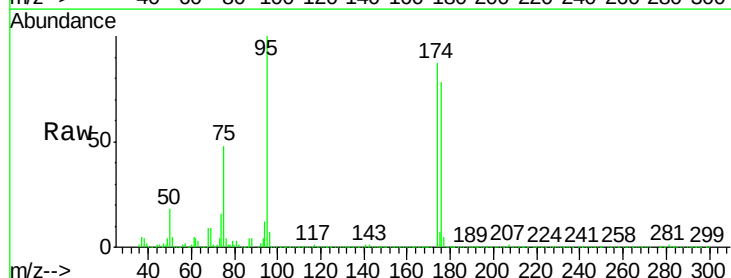
Tgt Ion: 95 Resp: 632007

Ion Ratio Lower Upper

95 100

174 87.7 0.0 172.4

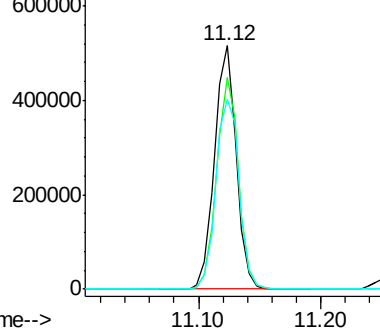
176 84.2 0.0 167.0



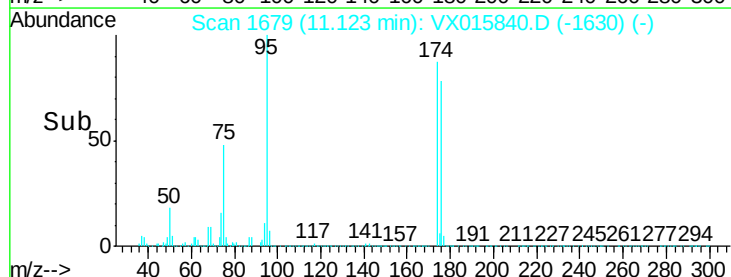
Abundance Ion 94.90 (94.60 to 95.60): VX0

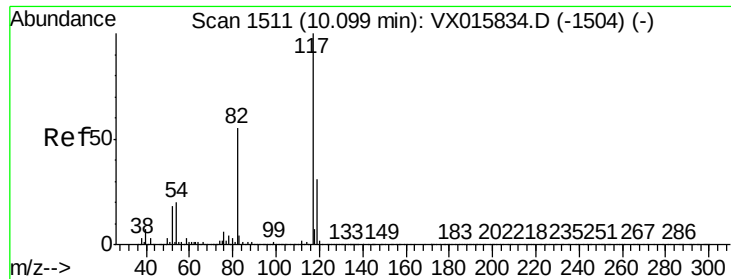
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->





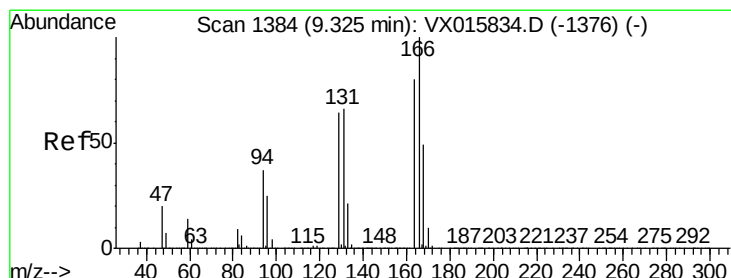
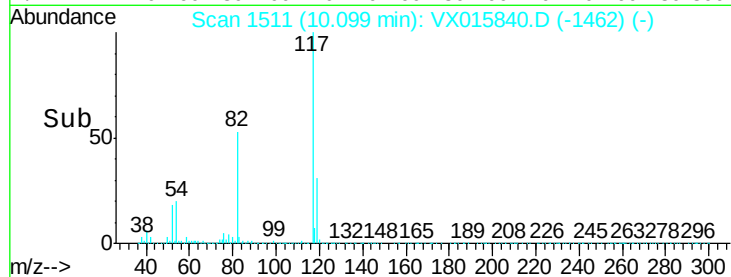
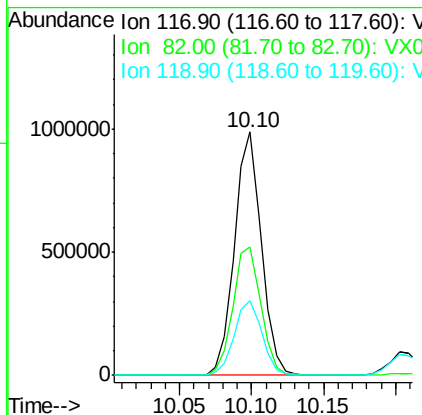
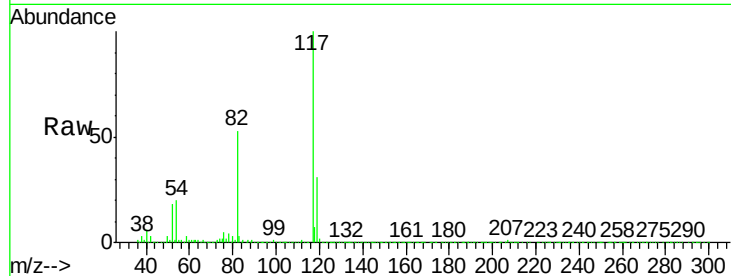
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015840.D
Acq: 22 Apr 2020 14:45

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.9	43.9	65.9
119	30.6	25.1	37.7

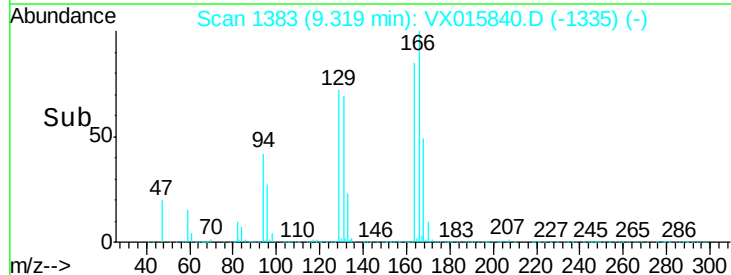
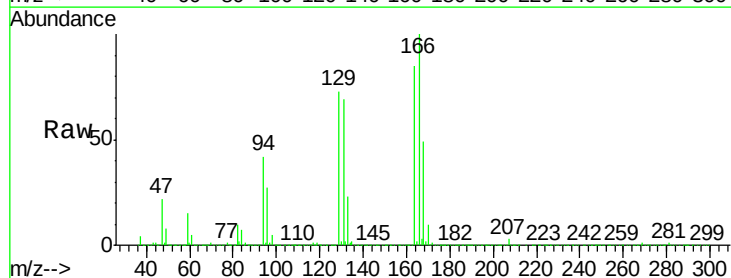
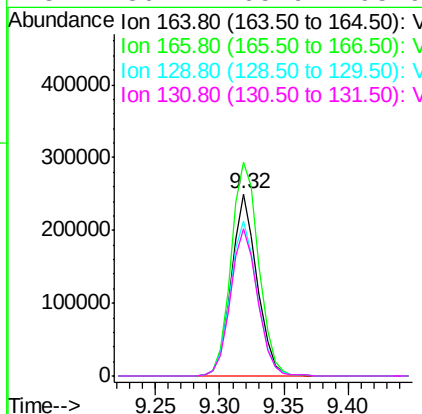
Manual Integrations
APPROVED

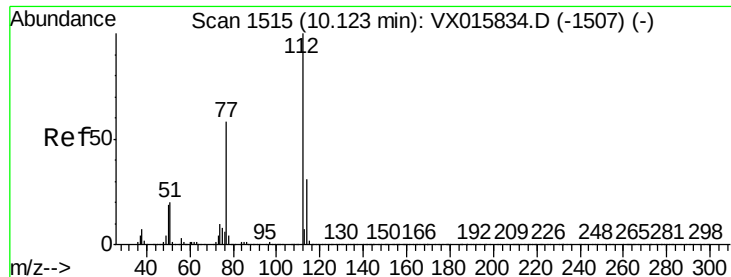
MMDadoda
4/23/2020 11:58:30 AM



#64
Tetrachloroethene
Concen: 20.080 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. -0.01 min
Lab File: VX015840.D
Acq: 22 Apr 2020 14:45

Tgt Ion	Ratio	Lower	Upper
164	100		
166	117.4	100.2	150.2
129	85.1	64.5	96.7
131	80.7	65.9	98.9





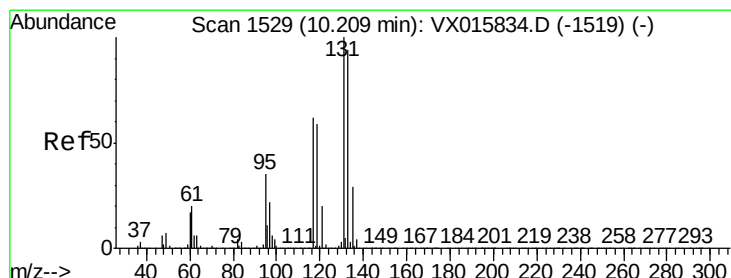
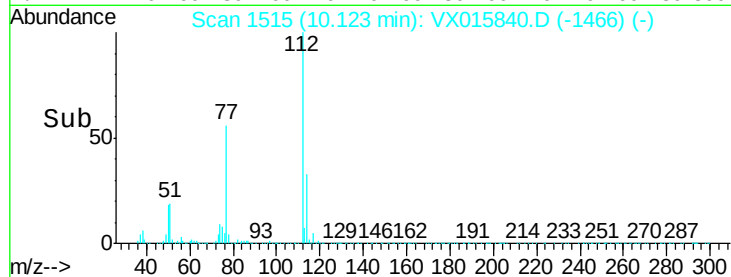
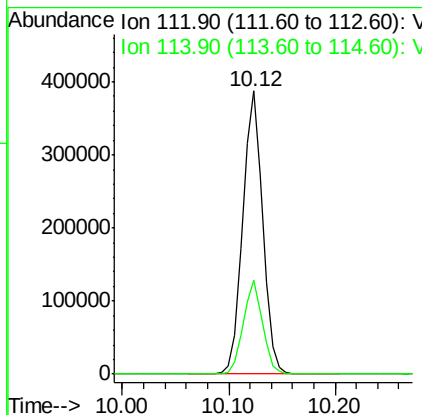
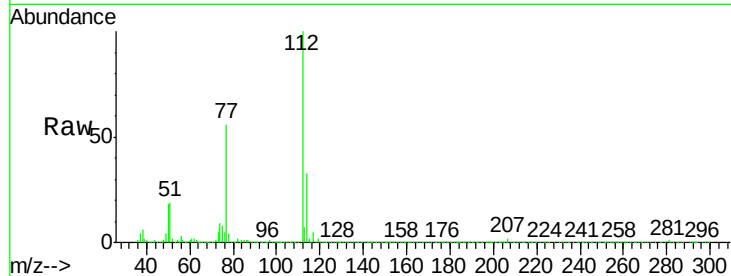
#65
Chlorobenzene
Concen: 19.812 ug/l
RT: 10.12 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VX015840.D
Acq: 22 Apr 2020 14:45

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
112	100	510580		
114	33.0	25.0	37.4	

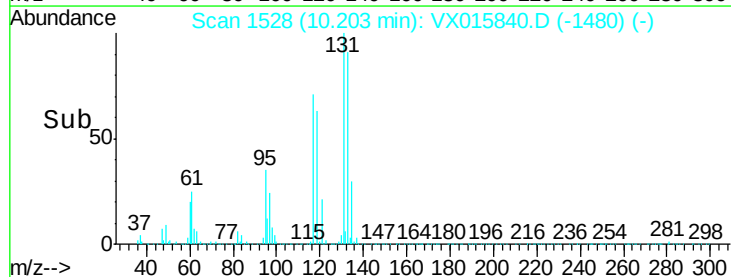
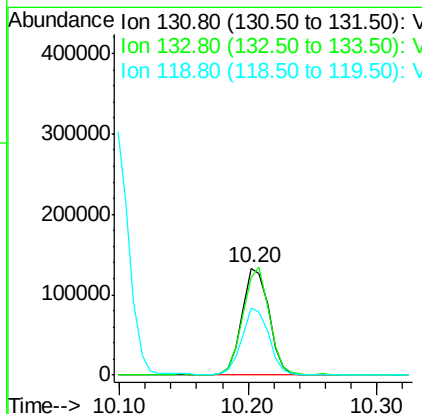
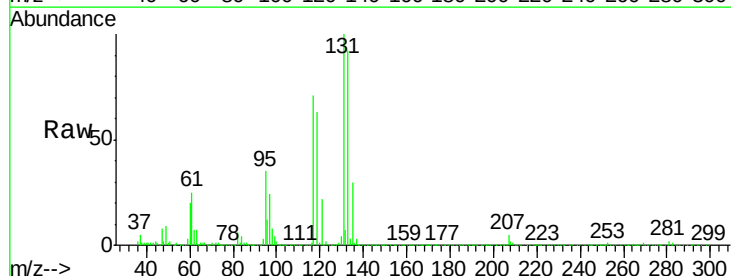
Manual Integrations
APPROVED

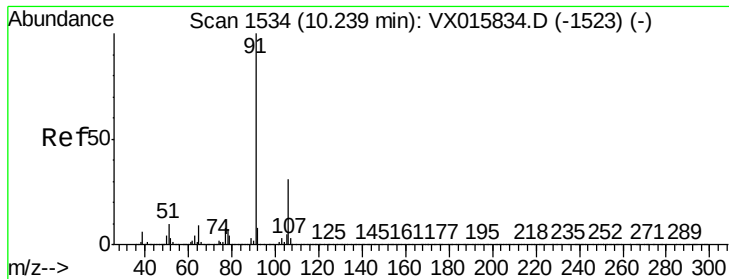
MMDadoda
4/23/2020 11:58:30 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 19.958 ug/l
RT: 10.20 min Scan# 1528
Delta R.T. -0.01 min
Lab File: VX015840.D
Acq: 22 Apr 2020 14:45

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	192259		
133	96.8	47.0	141.2	
119	62.6	30.9	92.8	





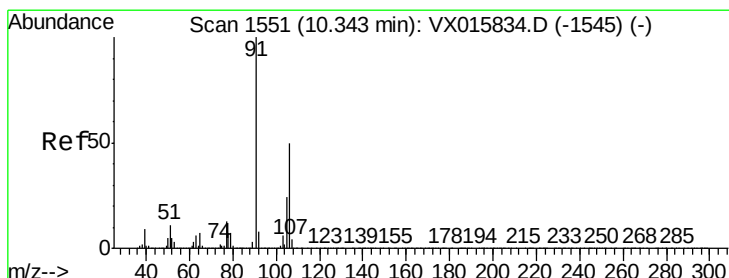
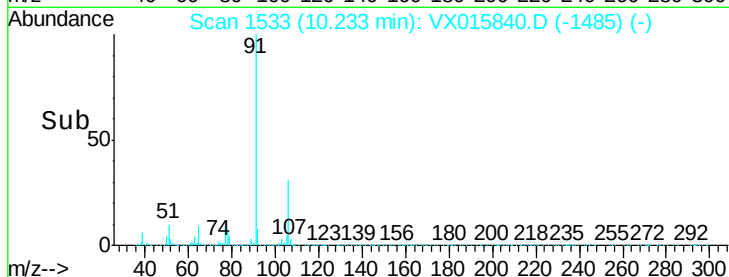
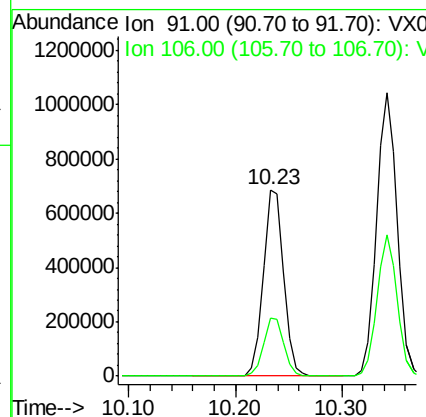
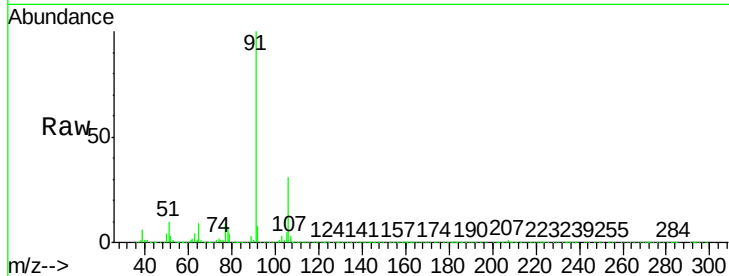
#67
Ethyl Benzene
Concen: 20.323 ug/l
RT: 10.23 min Scan# 1533
Delta R.T. -0.01 min
Lab File: VX015840.D
Acq: 22 Apr 2020 14:45

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
106	30.8	25.0	37.4

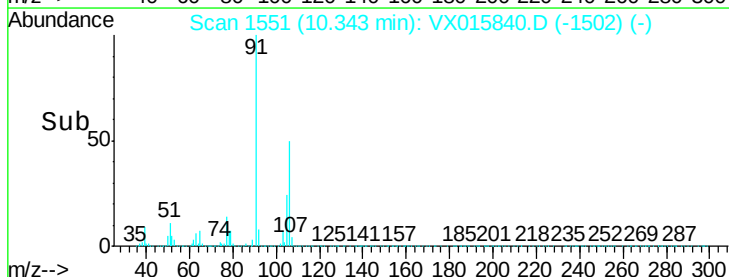
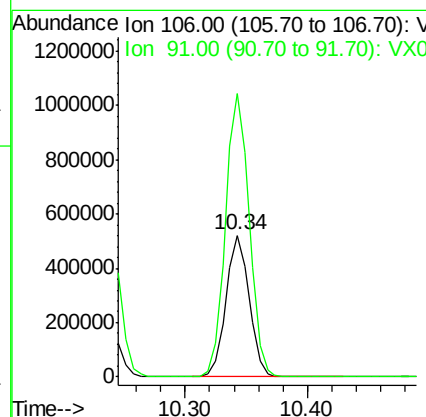
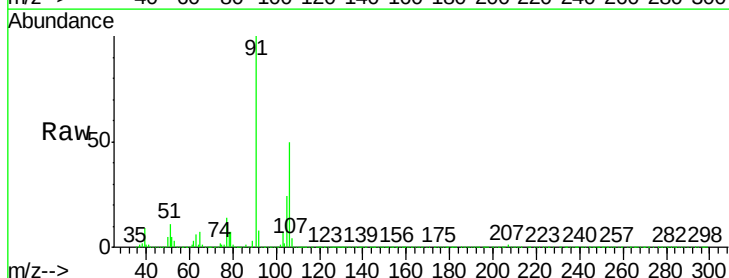
Manual Integrations
APPROVED

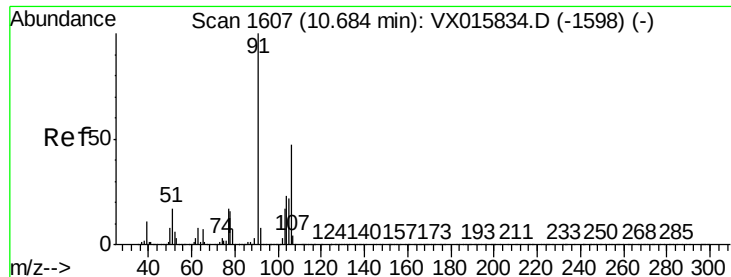
MMDadoda
4/23/2020 11:58:30 AM



#68
m/p-Xylenes
Concen: 40.304 ug/l
RT: 10.34 min Scan# 1551
Delta R.T. 0.00 min
Lab File: VX015840.D
Acq: 22 Apr 2020 14:45

Tgt Ion	Ratio	Lower	Upper
106	100		
91	204.8	161.1	241.7





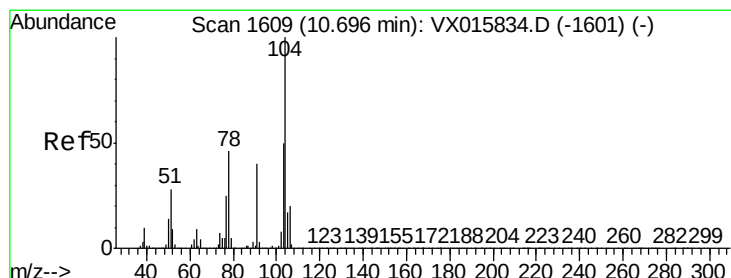
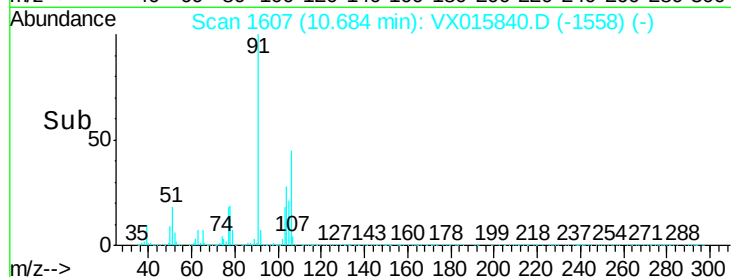
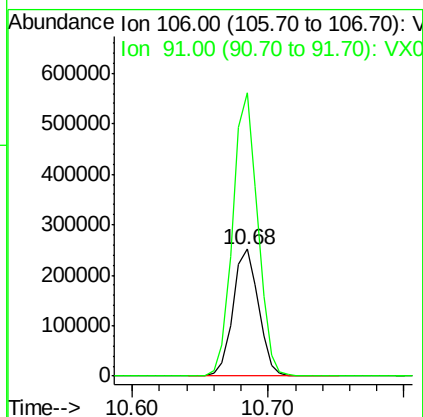
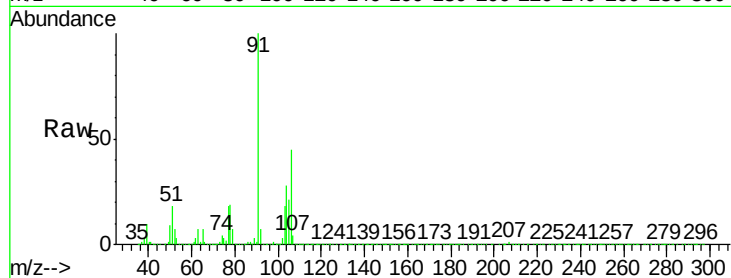
#69
o-Xylene
Concen: 19.542 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VX015840.D
Acq: 22 Apr 2020 14:45

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
106	100	326669		
91	218.6	107.1	321.3	

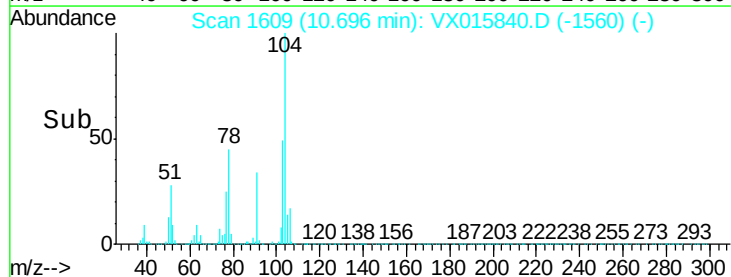
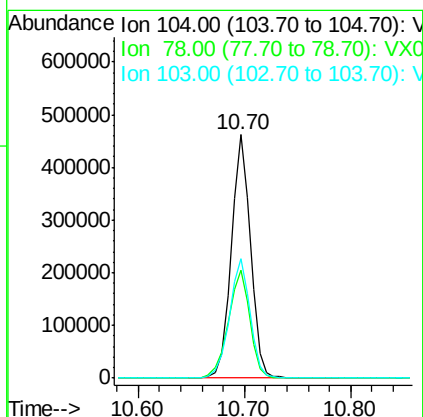
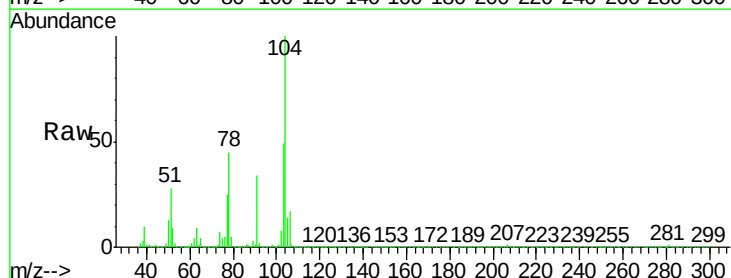
Manual Integrations
APPROVED

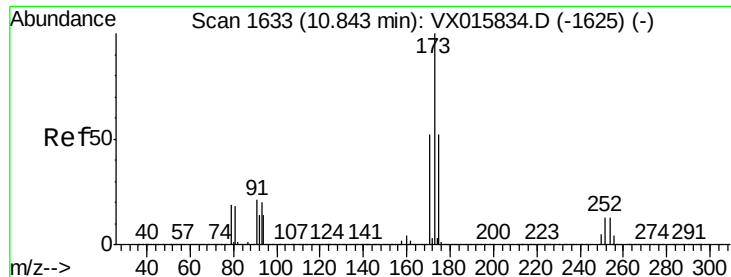
MMDadoda
4/23/2020 11:58:30 AM



#70
Styrene
Concen: 20.214 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015840.D
Acq: 22 Apr 2020 14:45

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	585089		
78	49.6	40.1	60.1	
103	52.7	43.3	64.9	





#71

Bromoform

Concen: 19.494 ug/l

RT: 10.84 min Scan# 1633

Delta R.T. 0.00 min

Lab File: VX015840.D

Acq: 22 Apr 2020 14:45

Instrument :

MSVOA_X

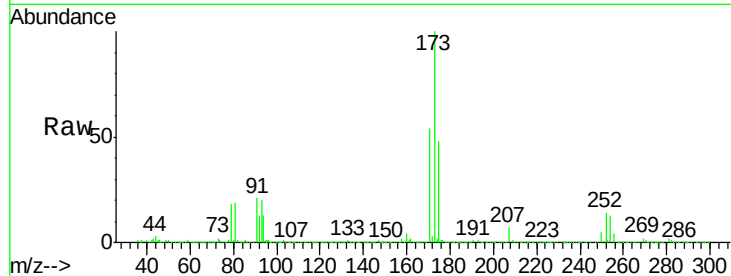
ClientSampleId :

VX0422WBSD01

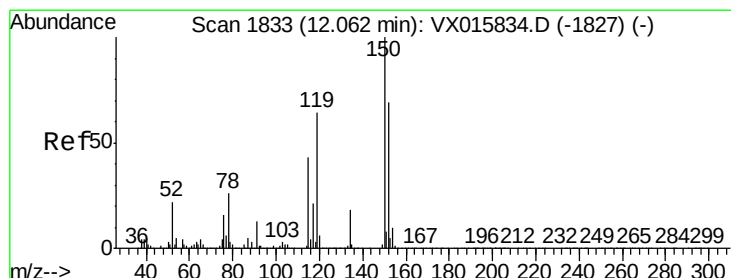
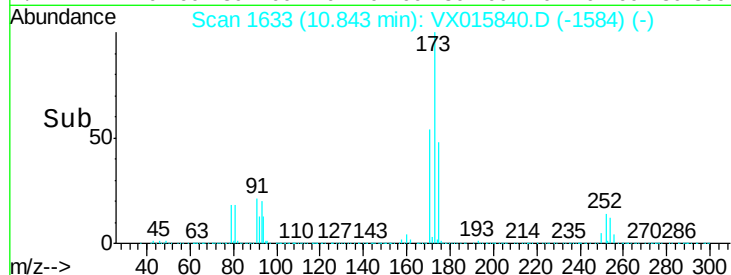
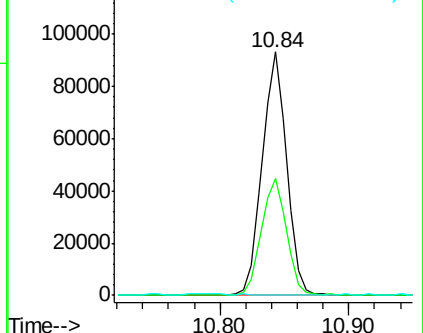
Tot Ion:	173	Resp:	122370
Ion Ratio	Lower	Upper	
173	100		
175	49.0	25.1	75.4
254	0.4	0.3	0.5

Manual Integrations
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

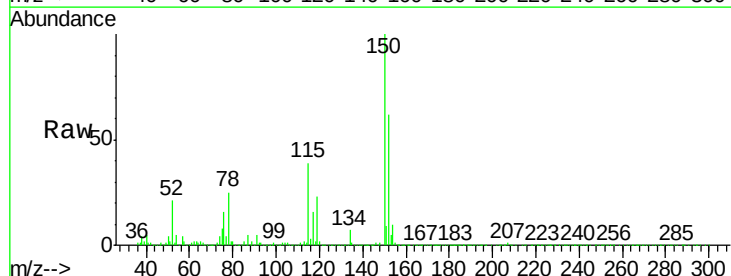
RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

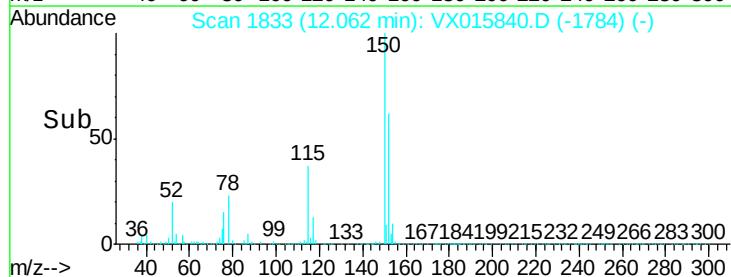
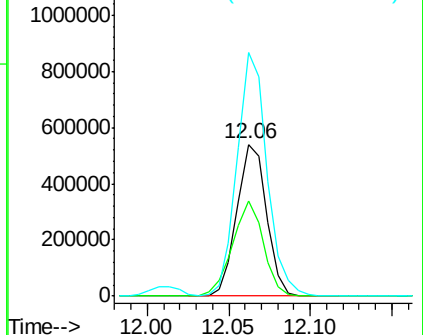
Lab File: VX015840.D

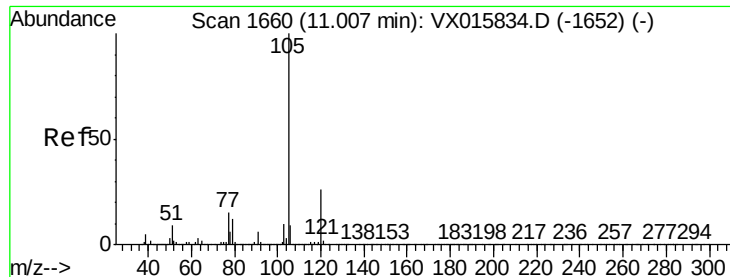
Acq: 22 Apr 2020 14:45

Tgt Ion:	152	Resp:	685347
Ion Ratio	Lower	Upper	
152	100		
115	65.2	39.0	116.9
150	162.2	0.0	336.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





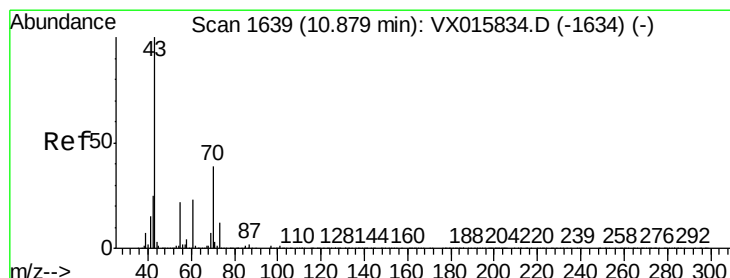
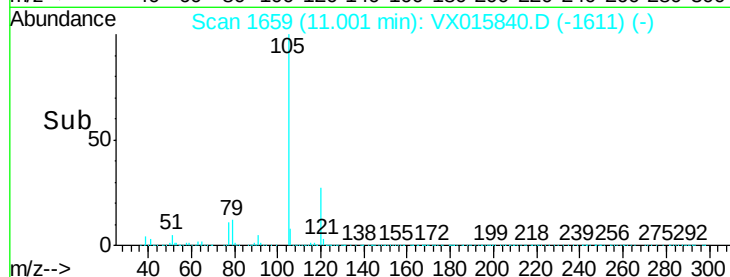
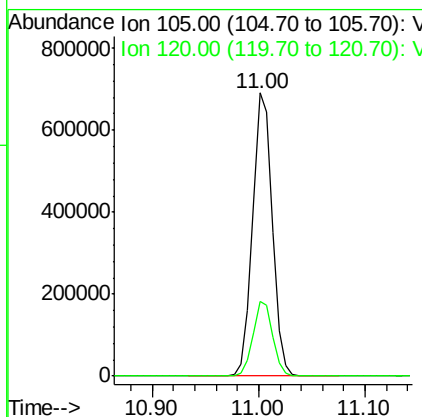
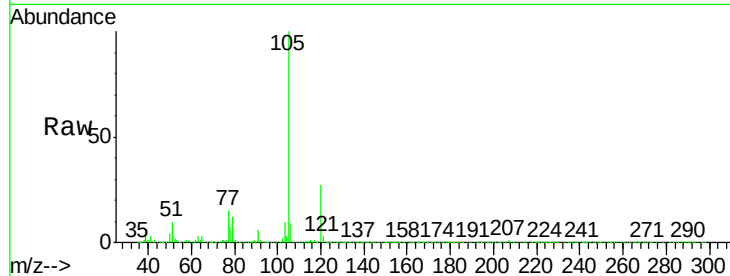
#73
Isopropylbenzene
Concen: 20.717 ug/l
RT: 11.00 min Scan# 1659
Delta R.T. -0.01 min
Lab File: VX015840.D
Acq: 22 Apr 2020 14:45

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBSD01

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.5	13.1	39.1

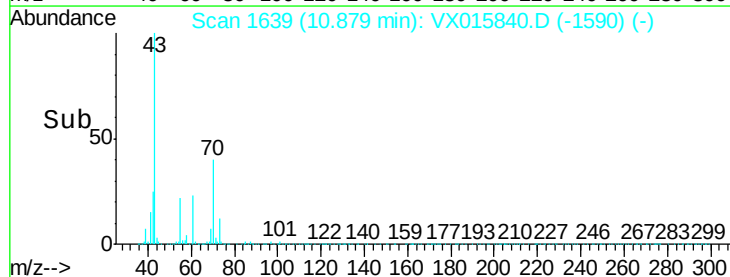
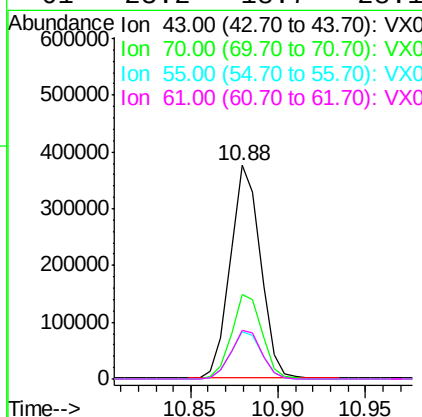
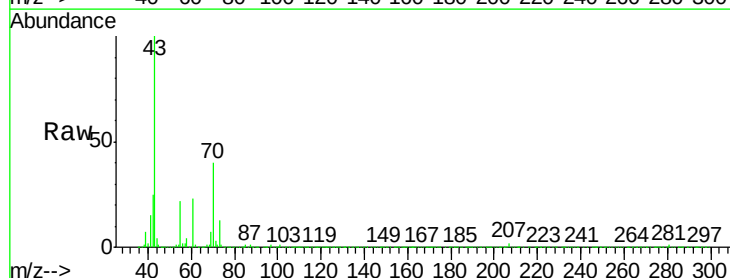
Manual Integrations
APPROVED

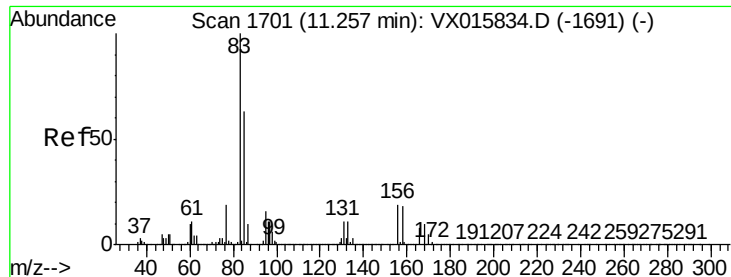
MMDadoda
4/23/2020 11:58:30 AM



#74
N-ethyl acetate
Concen: 19.976 ug/l
RT: 10.88 min Scan# 1639
Delta R.T. 0.00 min
Lab File: VX015840.D
Acq: 22 Apr 2020 14:45

Tgt Ion	Ratio	Lower	Upper
43	100		
70	40.7	32.6	49.0
55	22.8	18.3	27.5
61	23.2	18.7	28.1





#75

1,1,2,2-Tetrachloroethane

Concen: 19.876 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.01 min

Lab File: VX015840.D

Acq: 22 Apr 2020 14:45

Instrument :

MSVOA_X

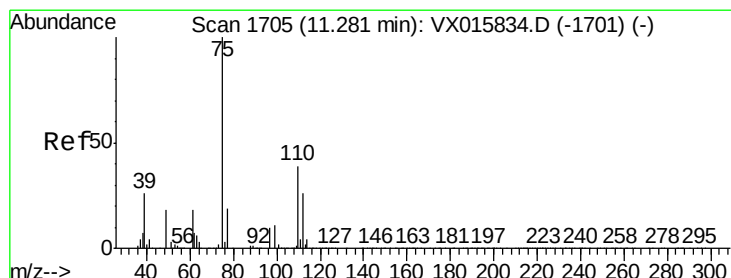
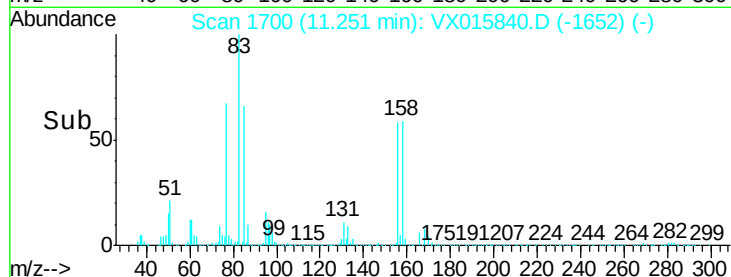
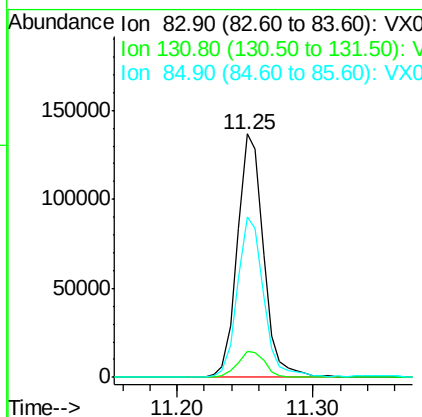
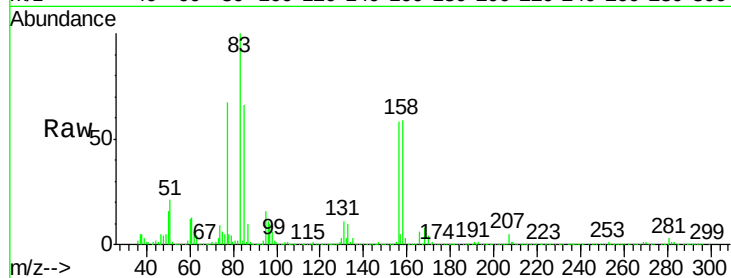
ClientSampleId :

VX0422WBSD01

Tot Ion:	83	Resp:	183087
Ion Ratio	Lower	Upper	
83	100		
131	10.8	5.5	16.4
85	65.9	32.4	97.0

Manual Integrations
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MMDadoda
4/23/2020 11:58:30 AM



#76

1,2,3-Trichloropropane

Concen: 20.436 ug/l m

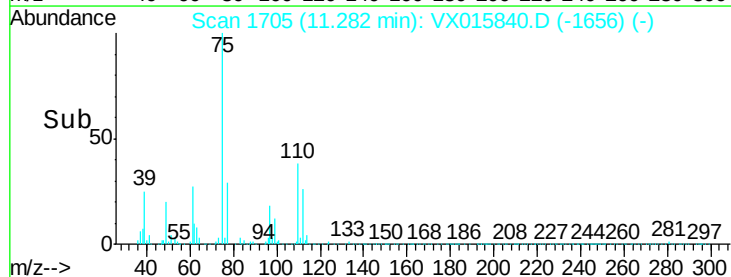
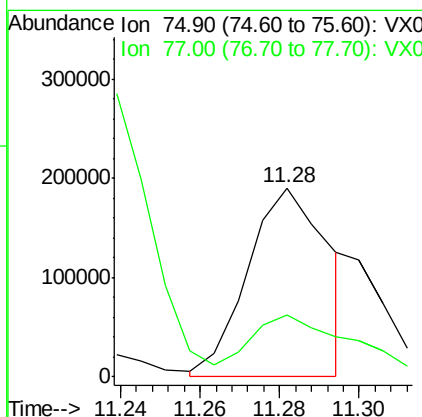
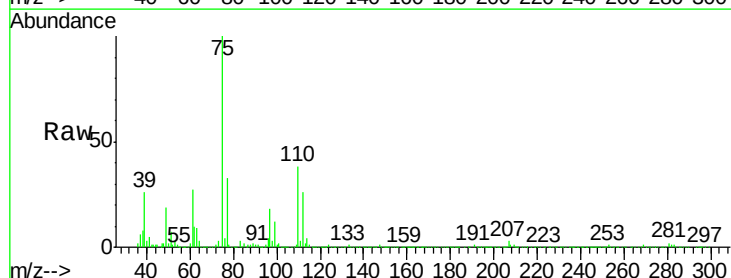
RT: 11.28 min Scan# 1705

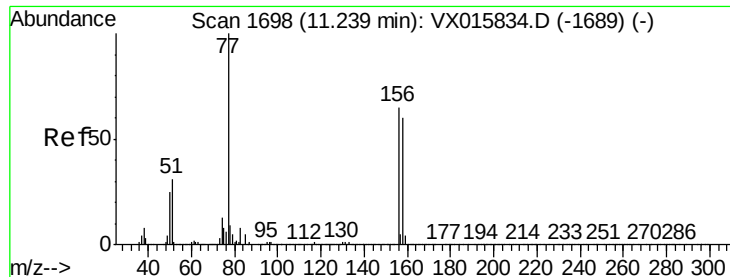
Delta R.T. 0.00 min

Lab File: VX015840.D

Acq: 22 Apr 2020 14:45

Tgt Ion:	75	Resp:	266335
Ion Ratio	Lower	Upper	
75	100		
77	41.9	21.3	63.9





#77

Bromobenzene

Concen: 20.222 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX015840.D

Acq: 22 Apr 2020 14:45

Instrument :

MSVOA_X

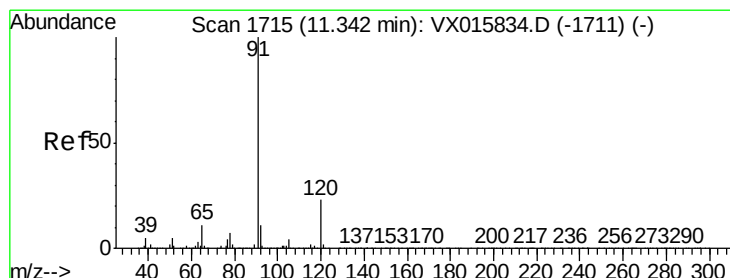
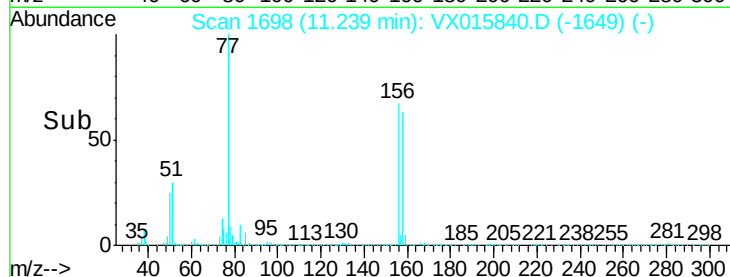
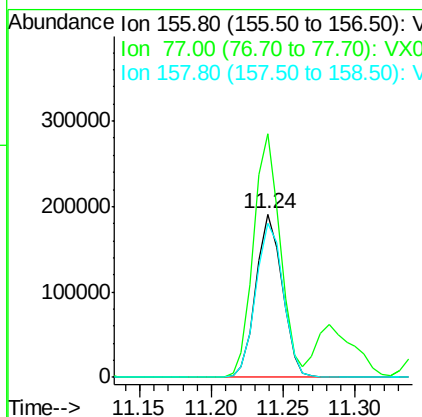
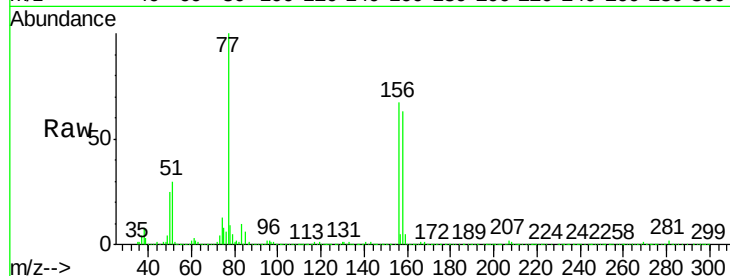
ClientSampleId :

VX0422WBSD01

Tot Ion:	156	Resp:	240503
Ion Ratio	Lower	Upper	
156	100		
77	151.1	75.2	225.6
158	98.3	47.9	143.6

Manual Integrations
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#78

n-propylbenzene

Concen: 20.567 ug/l

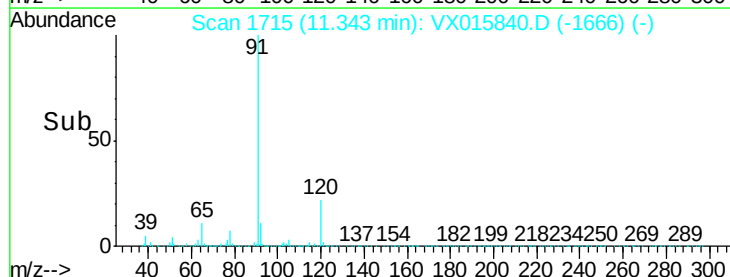
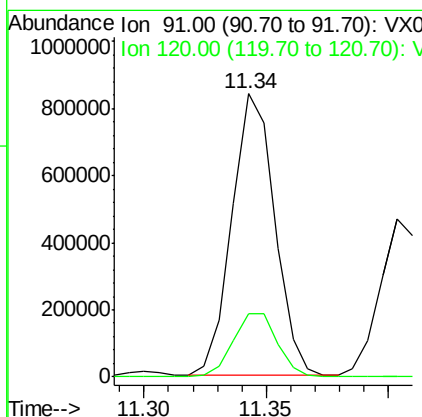
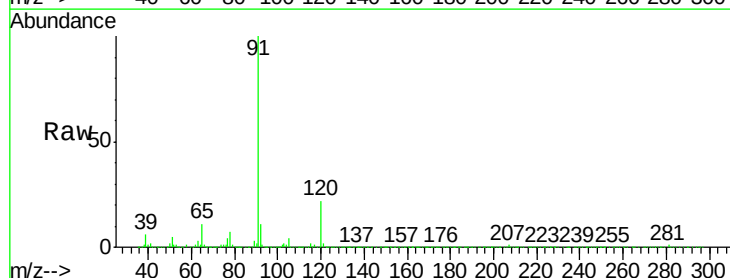
RT: 11.34 min Scan# 1715

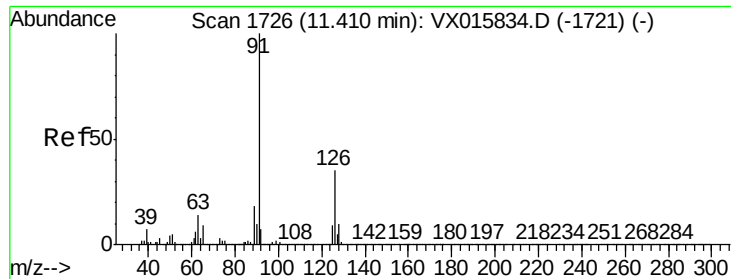
Delta R.T. 0.00 min

Lab File: VX015840.D

Acq: 22 Apr 2020 14:45

Tgt Ion:	91	Resp:	1025527
Ion Ratio	Lower	Upper	
91	100		
120	23.5	11.7	35.1





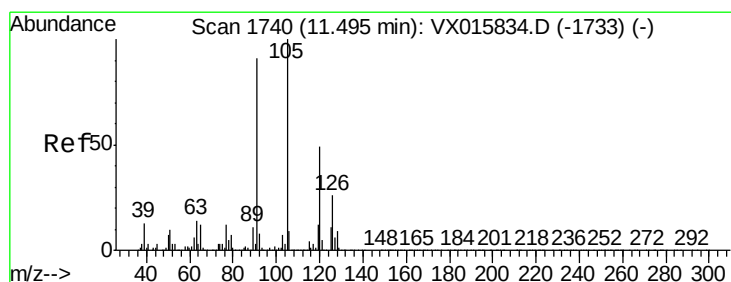
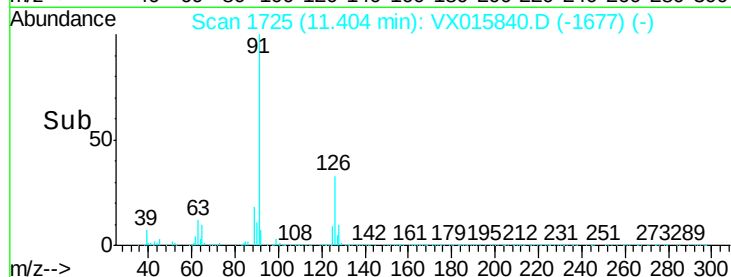
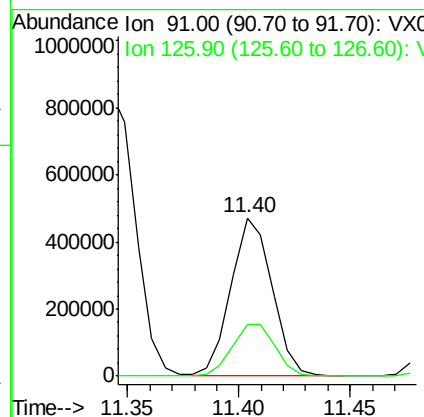
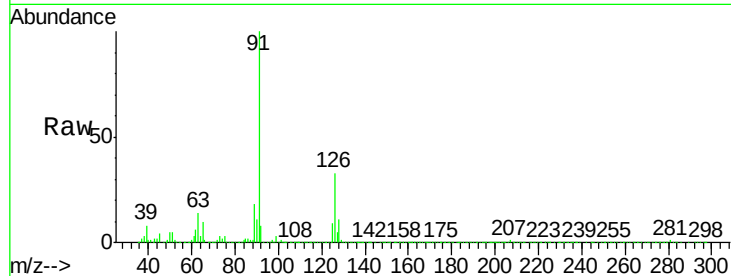
#79
2-Chlorotoluene
Concen: 20.140 ug/l
RT: 11.40 min Scan# 1725
Delta R.T. -0.01 min
Lab File: VX015840.D
Acq: 22 Apr 2020 14:45

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBSD01

Tot Ion: 91 Resp: 603225
Ion Ratio Lower Upper
91 100
126 34.7 17.2 51.5

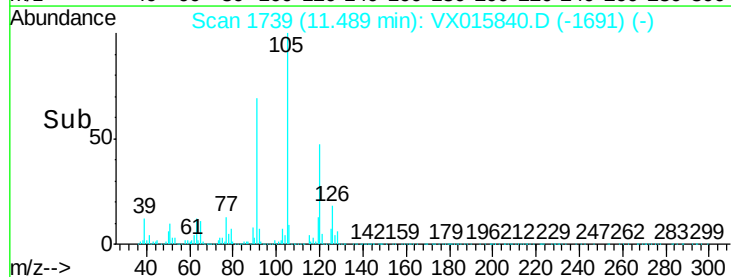
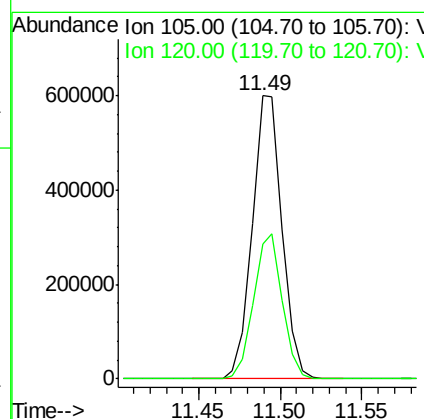
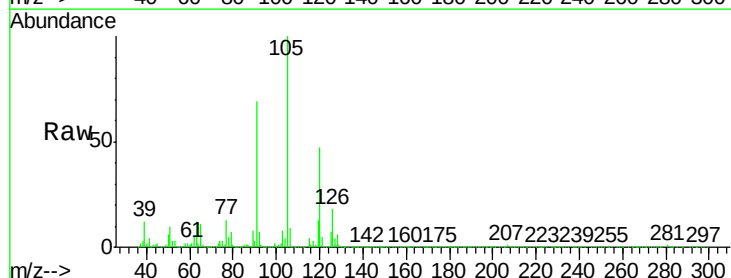
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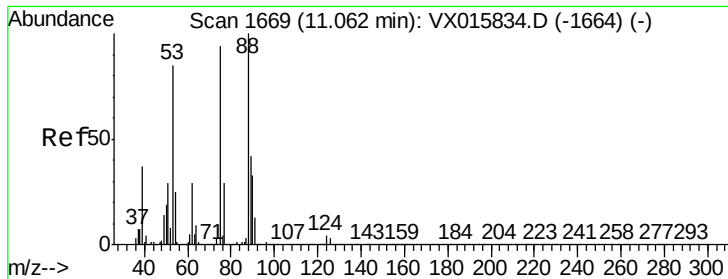
MMDadoda
4/23/2020 11:58:30 AM



#80
1,3,5-Trimethylbenzene
Concen: 20.524 ug/l
RT: 11.49 min Scan# 1739
Delta R.T. -0.01 min
Lab File: VX015840.D
Acq: 22 Apr 2020 14:45

Tgt Ion: 105 Resp: 761740
Ion Ratio Lower Upper
105 100
120 49.5 24.9 74.7





#81

trans-1,4-Dichloro-2-butene

Concen: 19.684 ug/l

RT: 11.06 min Scan# 1669

Delta R.T. 0.00 min

Lab File: VX015840.D

Acq: 22 Apr 2020 14:45

Instrument :

MSVOA_X

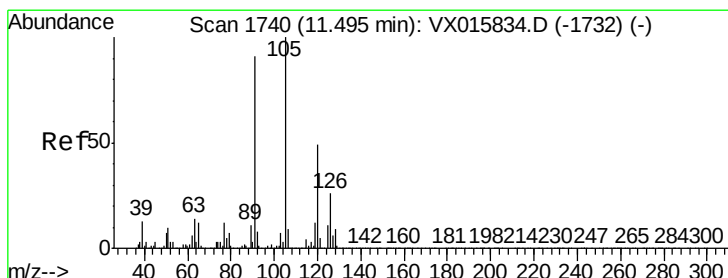
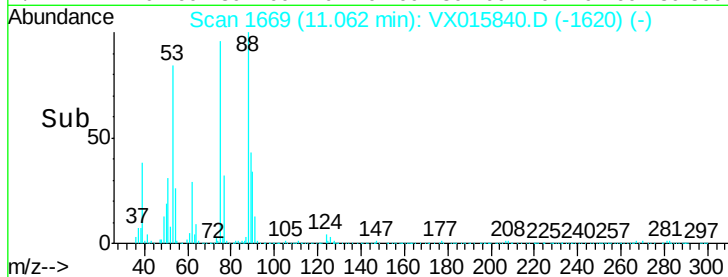
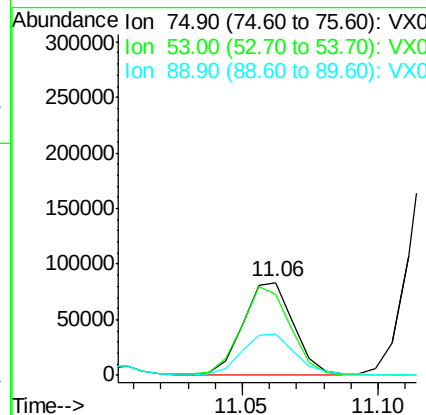
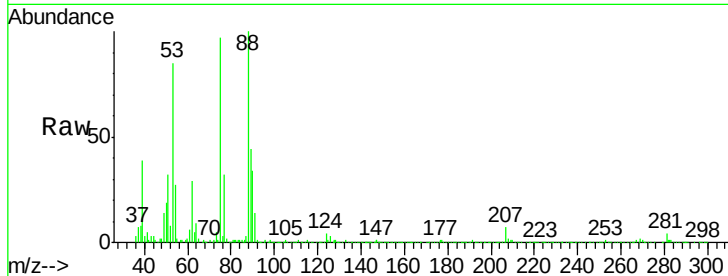
ClientSampleId :

VX0422WBSD01

Tot Ion:	75	Resp:	106640
Ion Ratio	Lower	Upper	
75	100		
53	92.6	74.2	111.2
89	49.7	38.0	57.0

Manual Integrations
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#82

4-Chlorotoluene

Concen: 20.235 ug/l

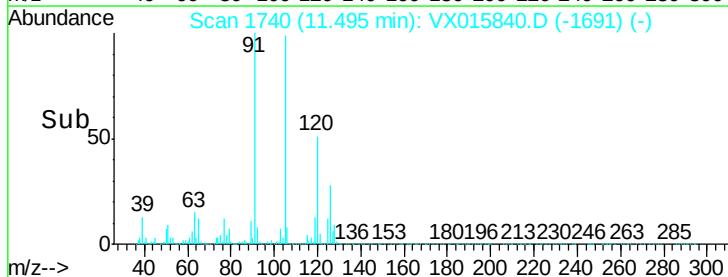
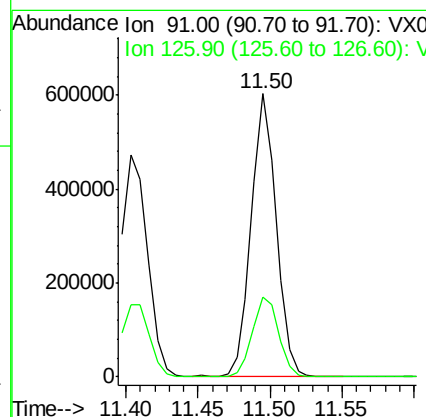
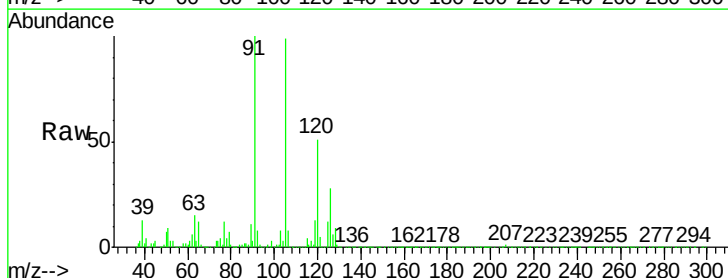
RT: 11.50 min Scan# 1740

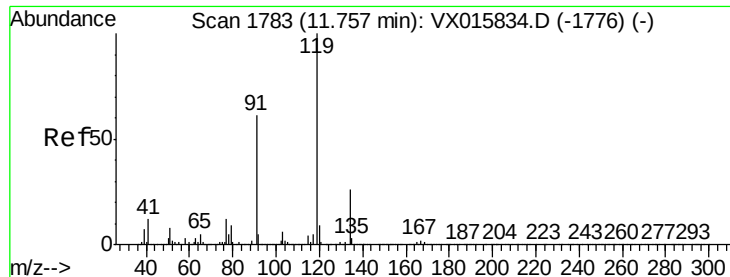
Delta R.T. 0.00 min

Lab File: VX015840.D

Acq: 22 Apr 2020 14:45

Tgt Ion:	91	Resp:	720164
Ion Ratio	Lower	Upper	
91	100		
126	29.5	15.0	45.0





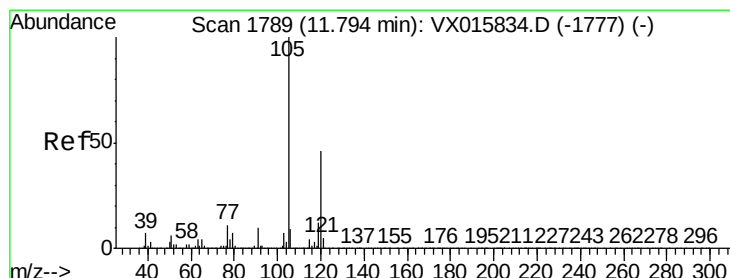
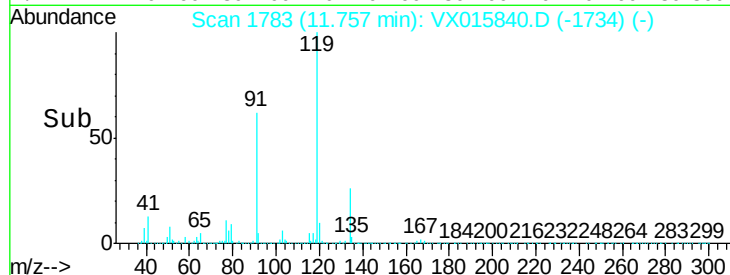
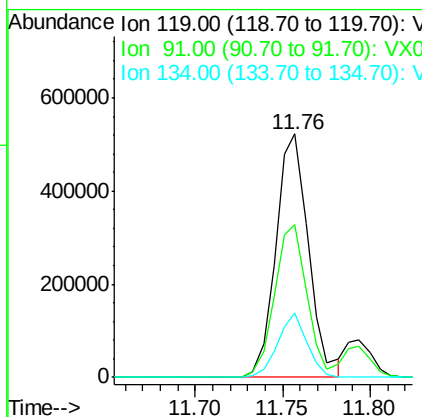
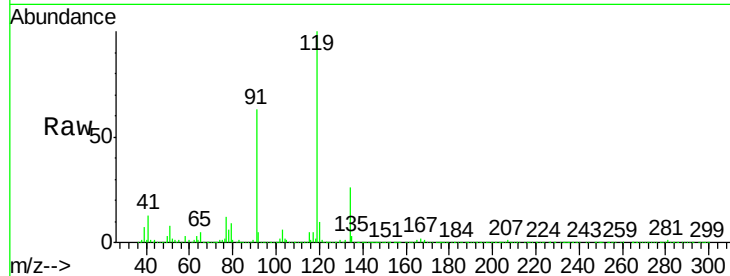
#83
 tert-Butylbenzene
 Concen: 20.644 ug/l
 RT: 11.76 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX015840.D
 Acq: 22 Apr 2020 14:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0422WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	679628		
91	61.7	30.9	92.7	
134	24.0	12.4	37.2	

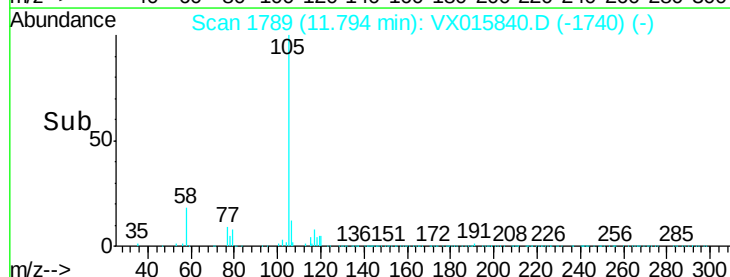
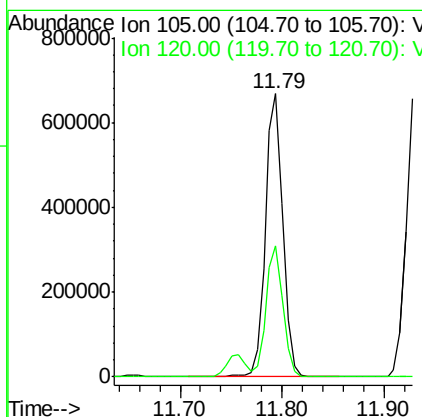
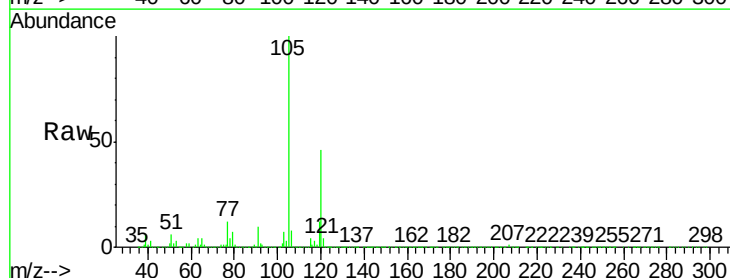
Manual Integrations
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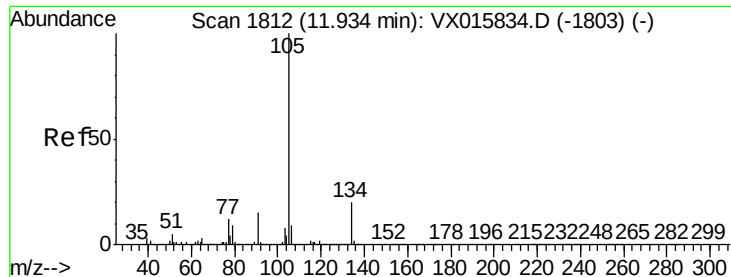
MMDadoda
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.534 ug/l
 RT: 11.79 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX015840.D
 Acq: 22 Apr 2020 14:45

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	791212		
120	45.1	22.9	68.7	





#85

sec-Butylbenzene

Concen: 20.038 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VX015840.D

Acq: 22 Apr 2020 14:45

Instrument :

MSVOA_X

ClientSampleId :

VX0422WBSD01

Tot Ion:105 Resp: 869600

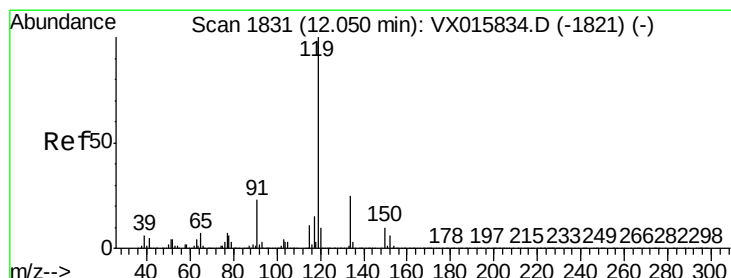
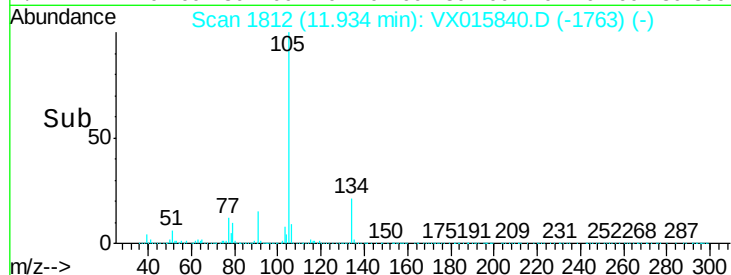
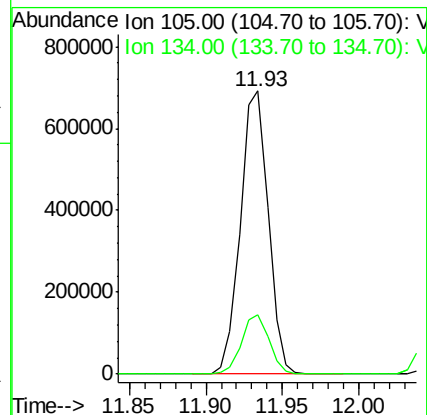
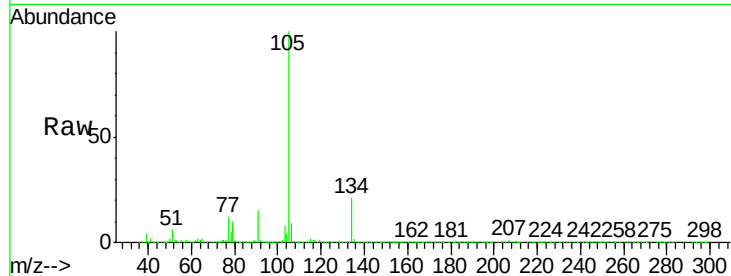
Ion Ratio Lower Upper

105 100

134 20.6 10.3 30.8

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#86

p-Isopropyltoluene

Concen: 20.687 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VX015840.D

Acq: 22 Apr 2020 14:45

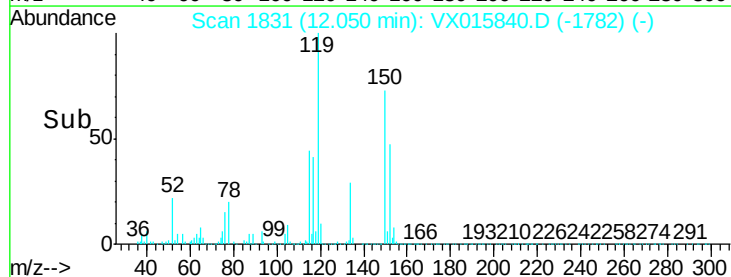
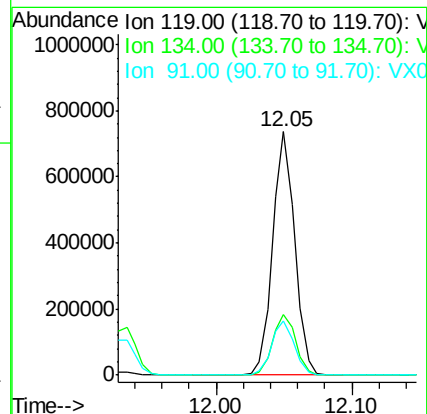
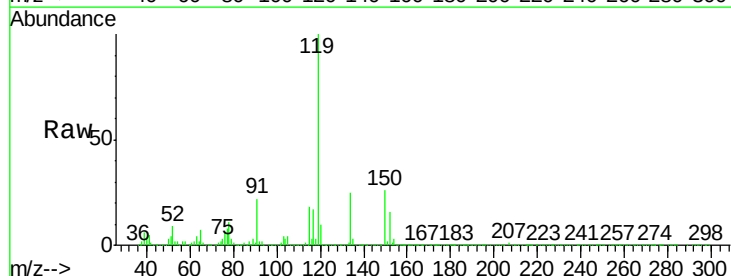
Tgt Ion:119 Resp: 839506

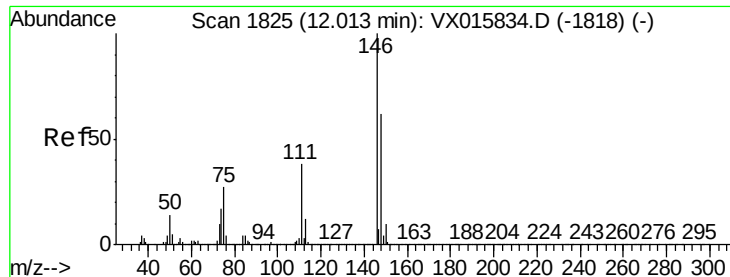
Ion Ratio Lower Upper

119 100

134 26.0 13.0 38.9

91 22.7 11.5 34.5





#87

1,3-Dichlorobenzene

Concen: 19.897 ug/l

RT: 12.01 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VX015840.D

Acq: 22 Apr 2020 14:45

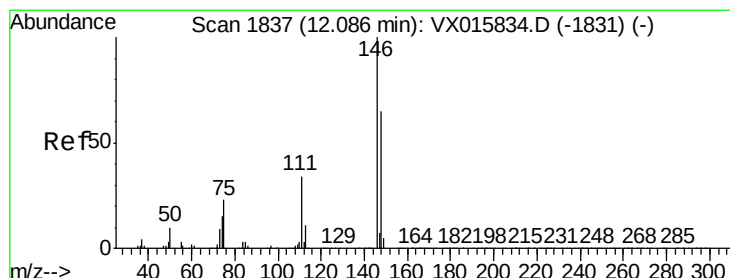
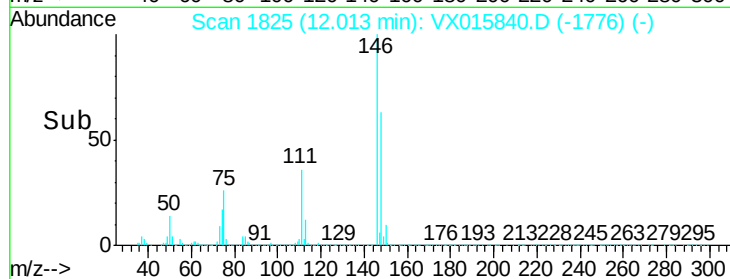
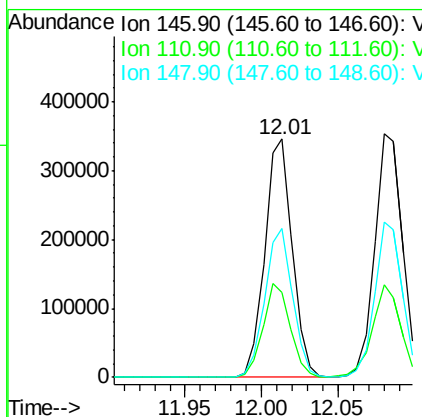
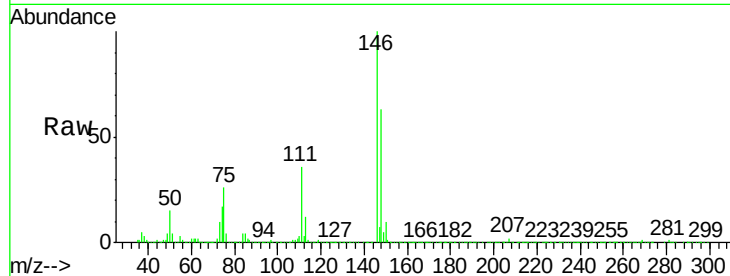
Instrument :
MSVOA_X

ClientSampleId :
VX0422WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	434375		
111	39.1	19.1	57.1	
148	63.4	30.9	92.7	

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#88

1,4-Dichlorobenzene

Concen: 20.272 ug/l

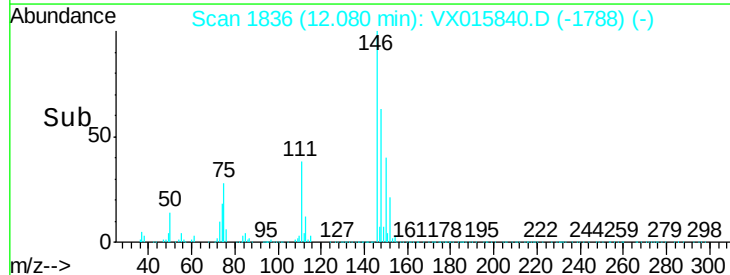
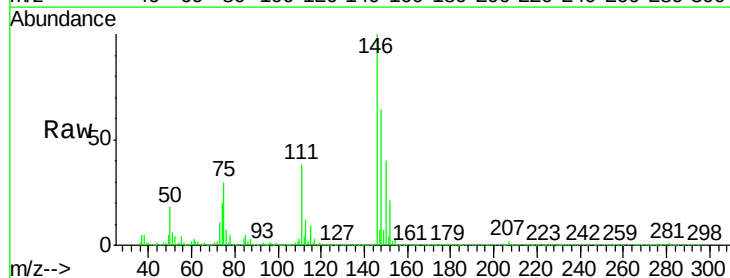
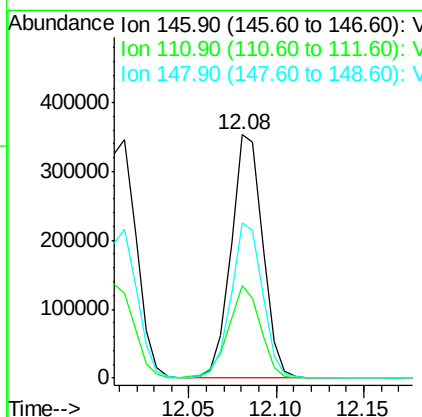
RT: 12.08 min Scan# 1836

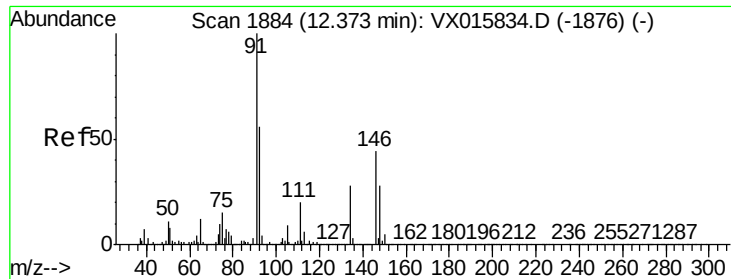
Delta R.T. -0.01 min

Lab File: VX015840.D

Acq: 22 Apr 2020 14:45

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	443013		
111	38.6	19.4	58.2	
148	63.5	33.8	101.4	





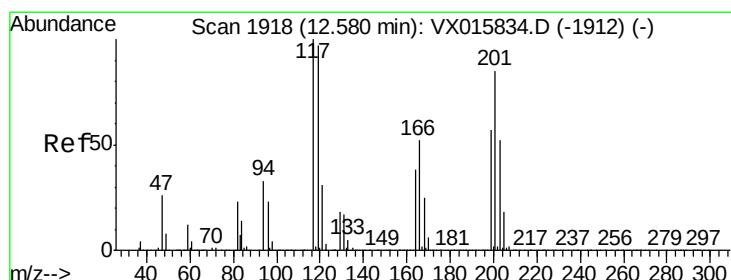
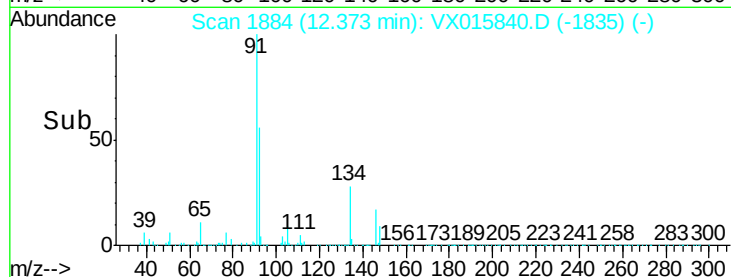
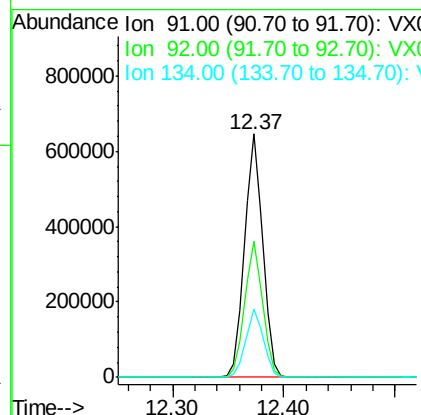
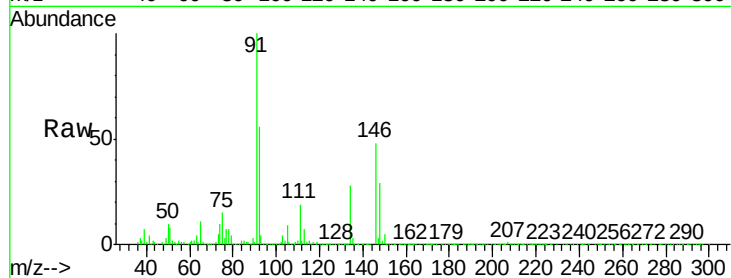
#89
n-Butylbenzene
Concen: 20.159 ug/l
RT: 12.37 min Scan# 1884
Delta R.T. 0.00 min
Lab File: VX015840.D
Acq: 22 Apr 2020 14:45

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.1	27.7	83.1
134	27.8	14.1	42.4

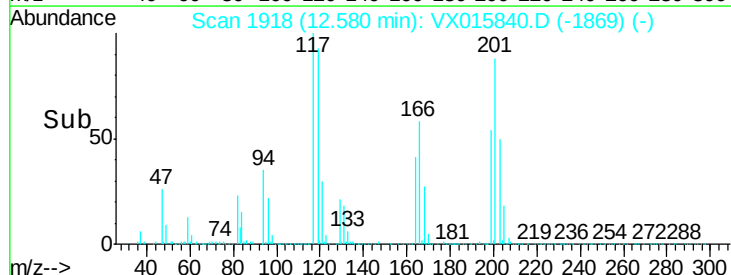
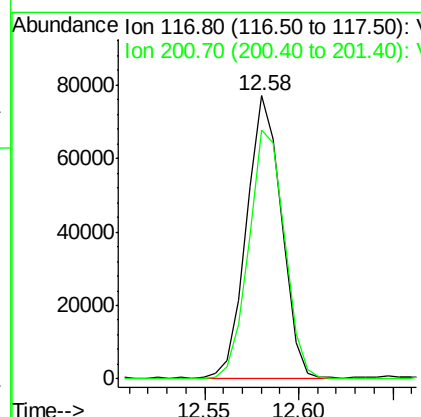
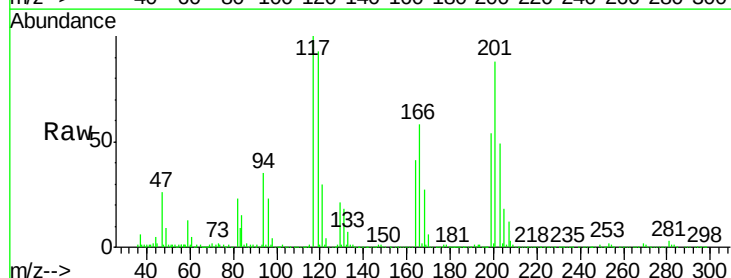
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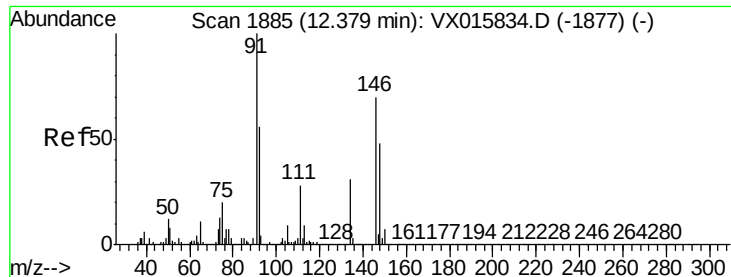
MMDadoda
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#90
Hexachloroethane
Concen: 22.966 ug/l
RT: 12.58 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VX015840.D
Acq: 22 Apr 2020 14:45

Tgt Ion	Ratio	Lower	Upper
117	100		
201	90.4	45.6	136.9





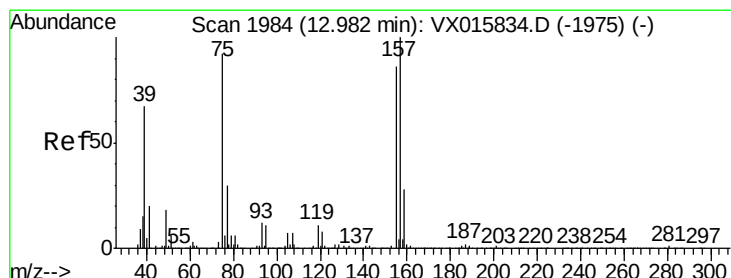
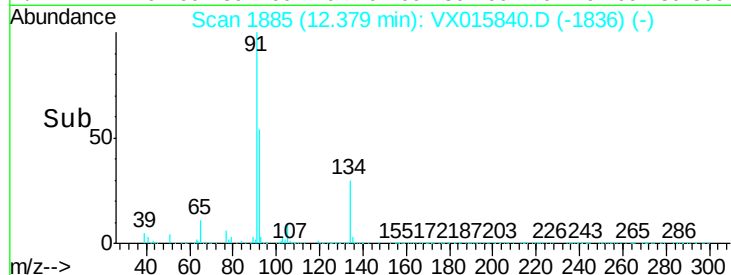
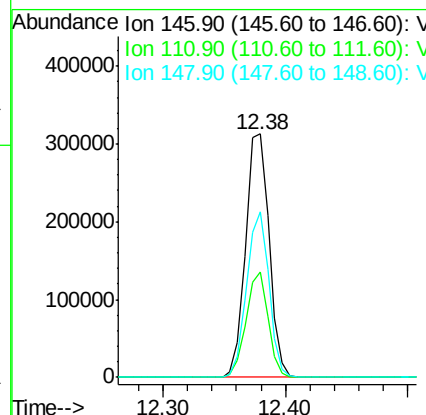
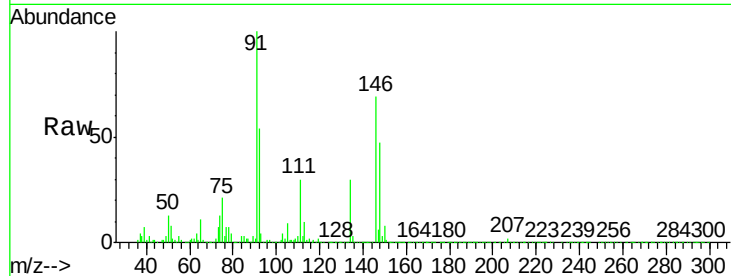
#91
 1,2-Dichlorobenzene
 Concen: 20.123 ug/l
 RT: 12.38 min Scan# 1885
 Delta R.T. 0.00 min
 Lab File: VX015840.D
 Acq: 22 Apr 2020 14:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0422WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.3	61.0
148	64.0	32.1	96.3

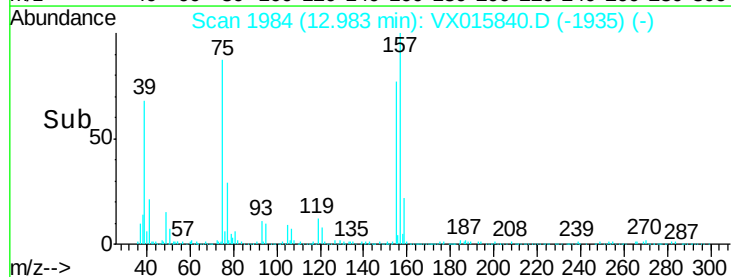
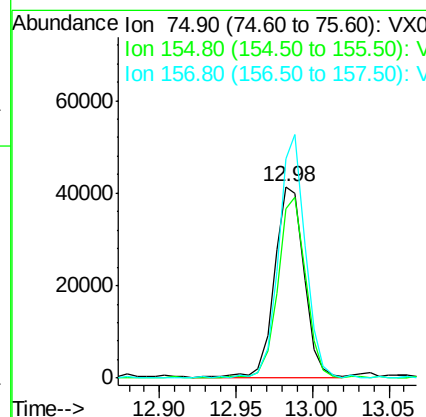
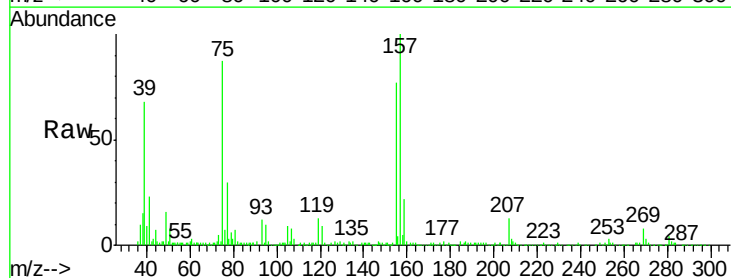
Manual Integrations
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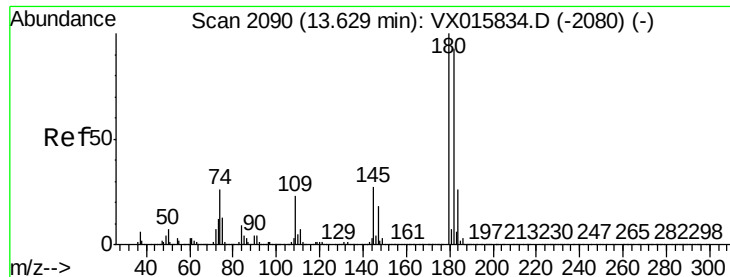
MMDadoda
 4/23/2020 11:58:30 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.153 ug/l
 RT: 12.98 min Scan# 1984
 Delta R.T. 0.00 min
 Lab File: VX015840.D
 Acq: 22 Apr 2020 14:45

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.0	48.1	144.4
157	115.1	58.9	176.7





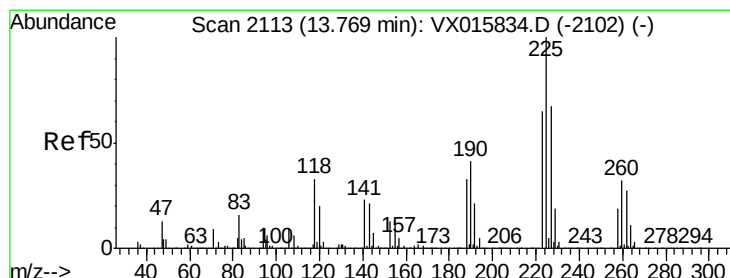
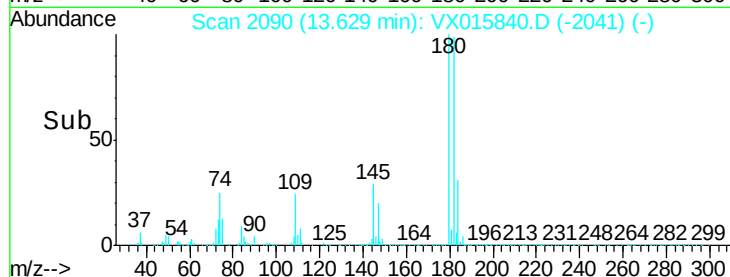
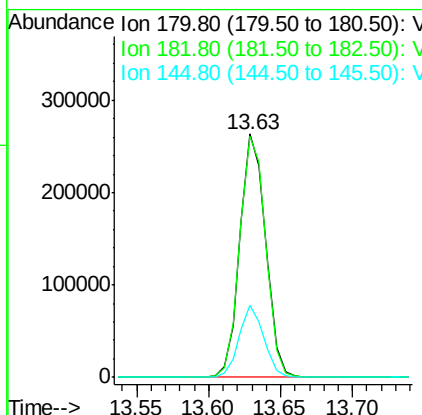
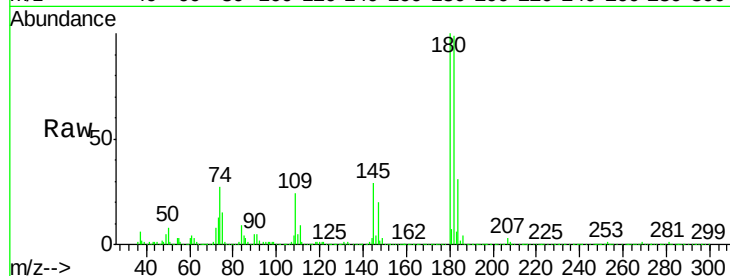
#93
1,2,4-Trichlorobenzene
Concen: 20.011 ug/l
RT: 13.63 min Scan# 2090
Delta R.T. 0.00 min
Lab File: VX015840.D
Acq: 22 Apr 2020 14:45

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	326472		
182	100.0	47.7	143.1	
145	28.3	14.5	43.5	

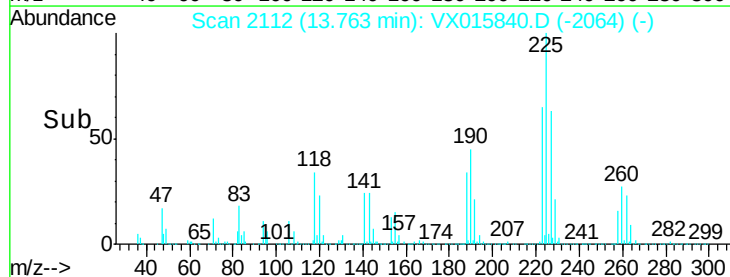
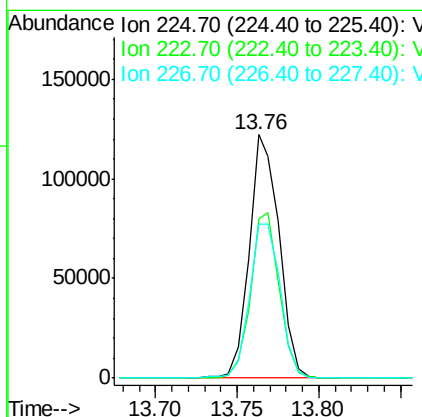
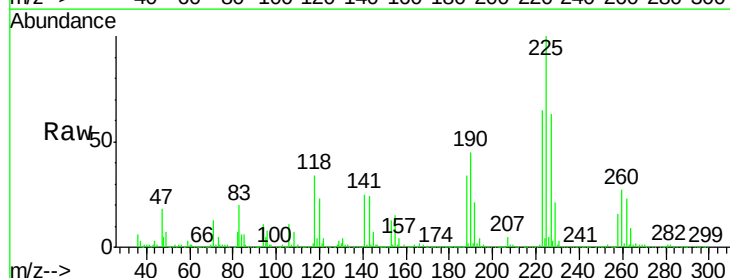
Manual Integrations
APPROVED

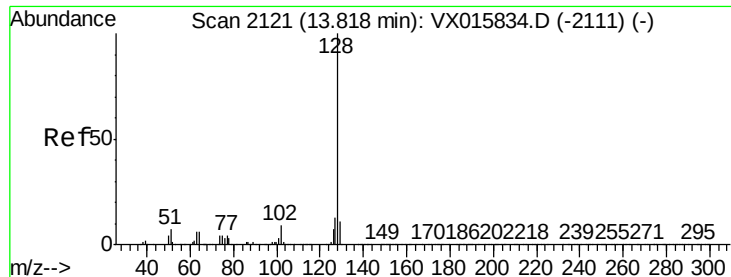
MMDadoda
4/23/2020 11:58:30 AM



#94
Hexachlorobutadiene
Concen: 21.191 ug/l
RT: 13.76 min Scan# 2112
Delta R.T. -0.01 min
Lab File: VX015840.D
Acq: 22 Apr 2020 14:45

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	155009		
223	65.6	31.3	93.8	
227	65.7	32.6	97.8	





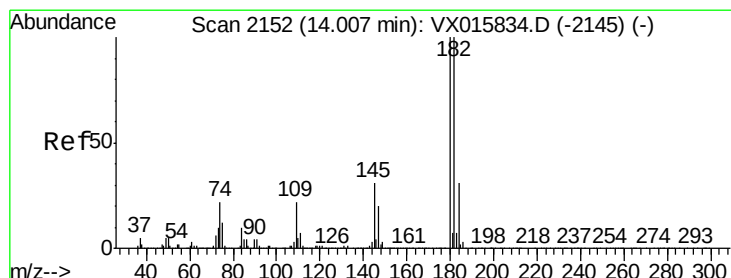
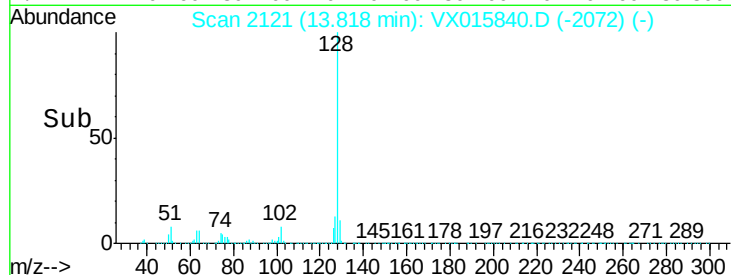
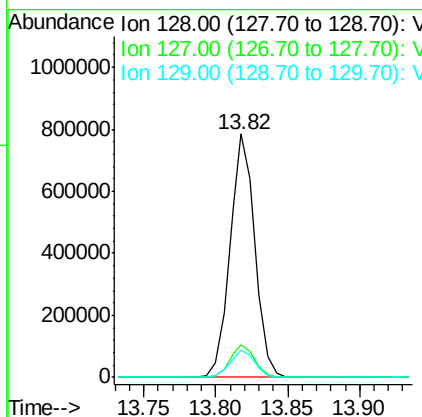
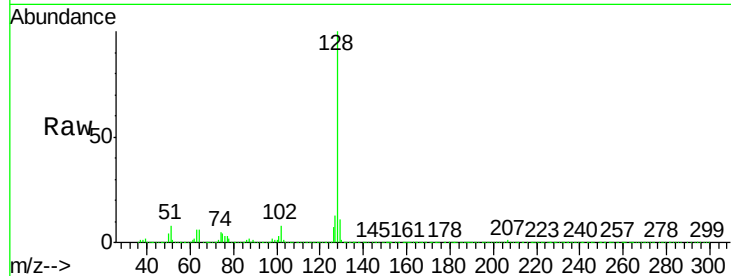
#95
Naphthalene
Concen: 20.084 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. 0.00 min
Lab File: VX015840.D
Acq: 22 Apr 2020 14:45

Instrument :
MSVOA_X
ClientSampleId :
VX0422WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	942663		
127	13.4	10.5	15.7	
129	11.2	8.5	12.7	

Manual Integrations
APPROVED

MMDadoda
4/23/2020 11:58:30 AM



#96
1,2,3-Trichlorobenzene
Concen: 20.304 ug/l
RT: 14.01 min Scan# 2152
Delta R.T. 0.00 min
Lab File: VX015840.D
Acq: 22 Apr 2020 14:45

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	323175		
182	95.8	47.9	143.7	
145	31.2	15.2	45.5	

