

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011020\
 Data File : VX014553.D
 Acq On : 10 Jan 2020 22:33
 Operator : JC/SP
 Sample : VX0110WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0110WBSD02

Manual Integrations
 APPROVED

MMDadoda
 1/13/2020 11:34:17 AM

Quant Time: Jan 11 00:39:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	443540	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	690740	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	610838	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	299180	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	255399	51.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.16%	
35) Dibromofluoromethane	5.49	113	204733	48.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.92%	
50) Toluene-d8	8.71	98	778716	47.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.98%	
62) 4-Bromofluorobenzene	11.13	95	268759	45.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	104052	19.053	ug/l	99
3) Chloromethane	1.32	50	118744	21.003	ug/l	96
4) Vinyl Chloride	1.40	62	133389	21.173	ug/l	99
5) Bromomethane	1.64	94	78886	18.890	ug/l	99
6) Chloroethane	1.72	64	76295	21.489	ug/l	99
7) Trichlorofluoromethane	1.92	101	134478	18.817	ug/l	100
8) Diethyl Ether	2.18	74	65739	20.163	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	79067	18.185	ug/l	99
10) Methyl Iodide	2.50	142	107572	20.662	ug/l	99
11) Tert butyl alcohol	3.02	59	117623	113.772	ug/l	100
12) 1,1-Dichloroethene	2.37	96	83990	19.173	ug/l	99
13) Acrolein	2.28	56	66800	80.613	ug/l	99
14) Allyl chloride	2.72	41	150648	19.588	ug/l	98
15) Acrylonitrile	3.13	53	270470	108.395	ug/l	99
16) Acetone	2.43	43	305269	120.802	ug/l	99
17) Carbon Disulfide	2.56	76	218322	17.861	ug/l	97
18) Methyl Acetate	2.76	43	166275	23.365	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	304603	21.661	ug/l	100
20) Methylene Chloride	2.85	84	103256	20.730	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	89694	18.755	ug/l	98
22) Diisopropyl ether	3.84	45	317816	21.383	ug/l	93
23) Vinyl Acetate	3.81	43	679383	59.040	ug/l	99
24) 1,1-Dichloroethane	3.69	63	169586	20.974	ug/l	99
25) 2-Butanone	4.65	43	414909	112.180	ug/l	99
26) 2,2-Dichloropropane	4.58	77	113352	16.549	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	107975	20.197	ug/l	98
28) Bromochloromethane	5.01	49	69200	20.311	ug/l	97
29) Tetrahydrofuran	5.11	42	248081	113.448	ug/l	98
30) Chloroform	5.20	83	166351	21.055	ug/l	98
31) Cyclohexane	5.57	56	137171	18.125	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	134095	19.828	ug/l	99
36) 1,1-Dichloropropene	5.79	75	116226	17.893	ug/l	100
37) Ethyl Acetate	4.82	43	142461	20.191	ug/l	99
38) Carbon Tetrachloride	5.78	117	110554	18.495	ug/l	98

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Manual Integrations
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Quant Time: Jan 11 00:39:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	138874	17.017	ug/l	97
40) Benzene	6.14	78	384832	19.961	ug/l	100
41) Methacrylonitrile	5.03	41	80768	21.466	ug/l	98
42) 1,2-Dichloroethane	6.18	62	135452	20.094	ug/l	100
43) Isopropyl Acetate	6.43	43	239501	21.012	ug/l	99
44) Trichloroethene	7.21	130	111987	20.213	ug/l	99
45) 1,2-Dichloropropane	7.51	63	99419	20.227	ug/l	98
46) Dibromomethane	7.65	93	67281	19.612	ug/l	99
47) Bromodichloromethane	7.89	83	124943	20.015	ug/l	98
48) Methyl methacrylate	7.76	41	113902	20.865	ug/l	99
49) 1,4-Dioxane	7.73	88	50627	437.677	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	753892	108.541	ug/l	99
52) Toluene	8.78	92	235774	19.104	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	136704	18.810	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	148827	18.957	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	99566	20.085	ug/l	99
56) Ethyl methacrylate	9.17	69	155731	20.506	ug/l	99
57) 1,3-Dichloropropane	9.37	76	170639	20.588	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	274343	106.173	ug/l	99
59) 2-Hexanone	9.48	43	584757	106.402	ug/l	100
60) Dibromochloromethane	9.57	129	99461	19.962	ug/l	99
61) 1,2-Dibromoethane	9.67	107	105445	20.081	ug/l	99
64) Tetrachloroethene	9.33	164	144928	23.673	ug/l	98
65) Chlorobenzene	10.14	112	252336	19.035	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	95484	20.184	ug/l	100
67) Ethyl Benzene	10.25	91	424689	18.796	ug/l	99
68) m/p-Xylenes	10.35	106	328041	37.633	ug/l	100
69) o-Xylene	10.70	106	161820	19.457	ug/l	99
70) Styrene	10.71	104	270869	18.872	ug/l	100
71) Bromoform	10.85	173	75531	19.514	ug/l #	99
73) Isopropylbenzene	11.01	105	408247	19.432	ug/l	100
74) N-amyl acetate	10.89	43	191651	20.677	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	128005	18.999	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	124534m	20.118	ug/l	
77) Bromobenzene	11.25	156	113095	19.411	ug/l	100
78) n-propylbenzene	11.35	91	455393	18.927	ug/l	100
79) 2-Chlorotoluene	11.42	91	276484	19.281	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	346815	19.883	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	44015	18.799	ug/l	92
82) 4-Chlorotoluene	11.51	91	318366	18.914	ug/l	99
83) tert-Butylbenzene	11.76	119	287080	17.419	ug/l	94
84) 1,2,4-Trimethylbenzene	11.80	105	348822	19.791	ug/l	100
85) sec-Butylbenzene	11.94	105	384874	18.785	ug/l	100
86) p-Isopropyltoluene	12.06	119	349927	18.406	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	193318	18.489	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	193396	19.328	ug/l	99
89) n-Butylbenzene	12.39	91	292210	16.810	ug/l	99
90) Hexachloroethane	12.59	117	60040	17.979	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	195416	19.076	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	32166	21.225	ug/l	97

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ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0110WBSD02

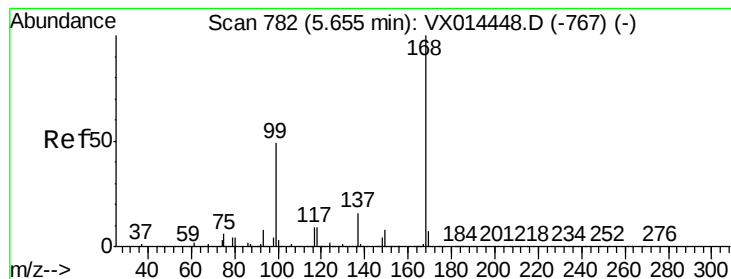
Manual Integrations
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1/13/2020 11:34:17 AM

Quant Time: Jan 11 00:39:00 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 07 15:54:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	124705	17.271	ug/l	98
94) Hexachlorobutadiene	13.77	225	59182	17.615	ug/l	99
95) Naphthalene	13.83	128	413903	18.547	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	132948	18.672	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.00 min

Lab File: VX014553.D

Acq: 10 Jan 2020 22:33

Instrument :

MSVOA_X

ClientSampleId :

VX0110WBSD02

Tot Ion:168 Resp: 443540

Ion Ratio Lower Upper

168 100

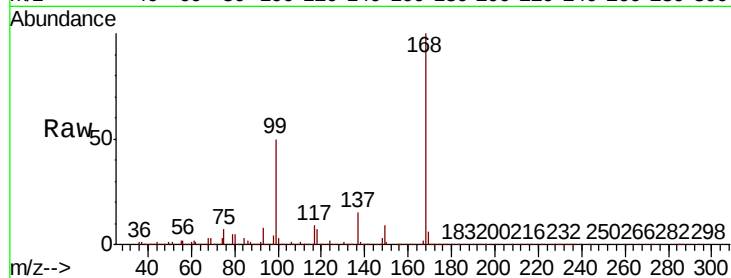
99 49.8 39.2 58.8

Manual Integrations

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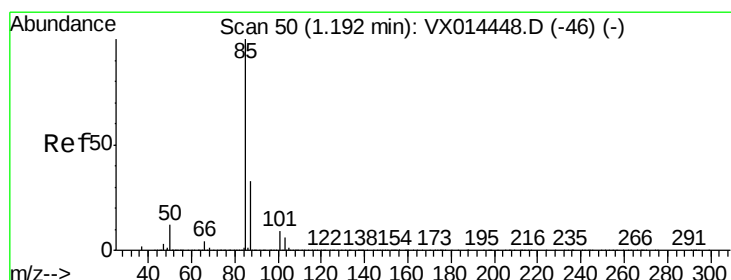
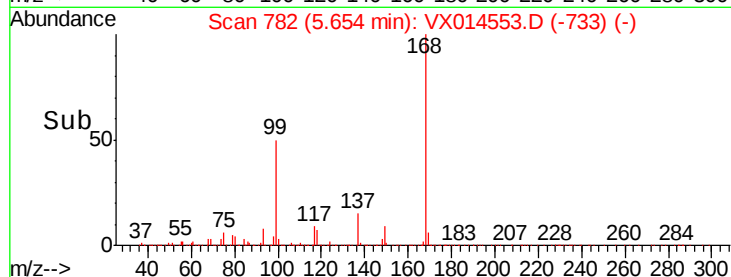
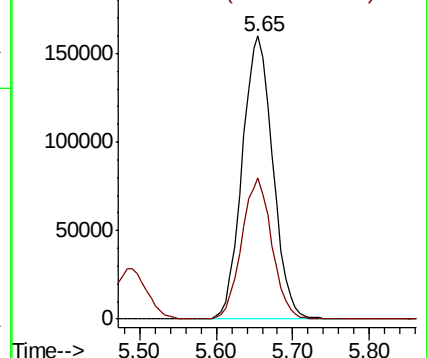
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 19.053 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014553.D

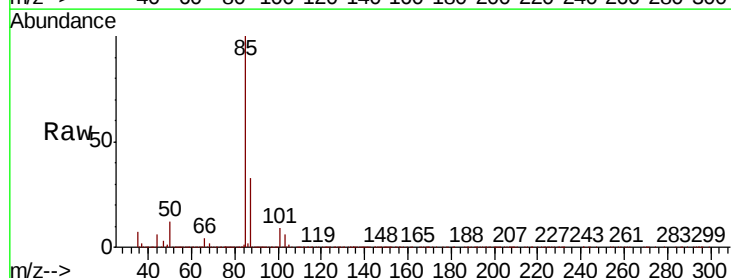
Acq: 10 Jan 2020 22:33

Tgt Ion: 85 Resp: 104052

Ion Ratio Lower Upper

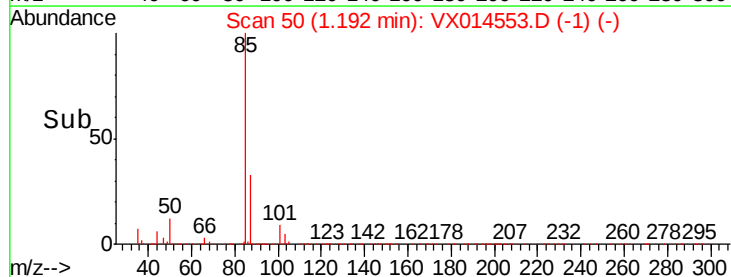
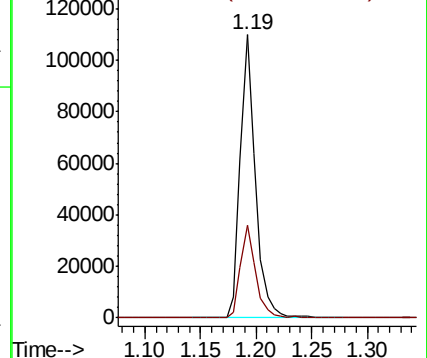
85 100

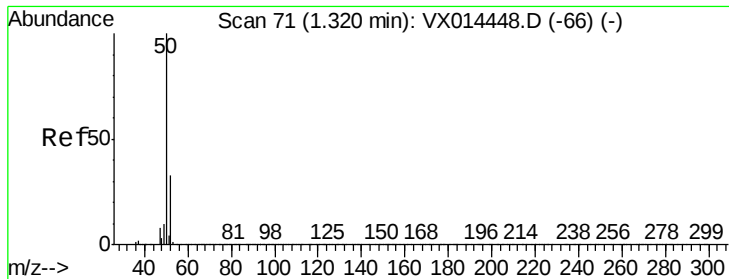
87 32.6 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





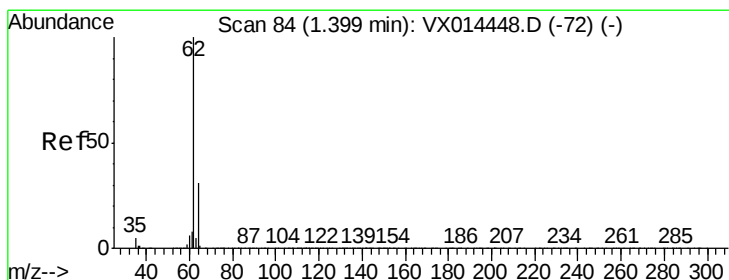
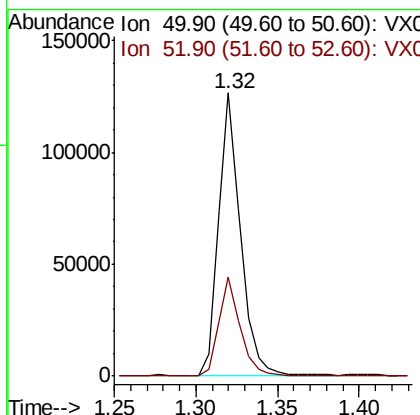
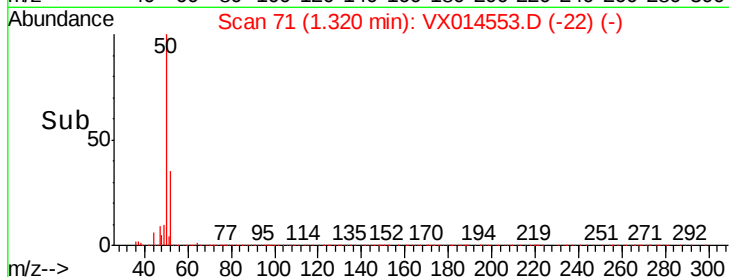
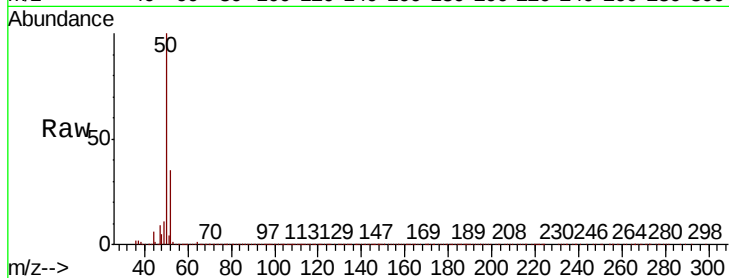
#3
Chloromethane
Concen: 21.003 ug/l
RT: 1.32 min Scan# 71
Delta R.T. -0.00 min
Lab File: VX014553.D
Acq: 10 Jan 2020 22:33

Instrument :
MSVOA_X
ClientSampleId :
VX0110WBSD02

Tot Ion	Ratio	Lower	Upper
50	100		
52	34.7	26.1	39.1

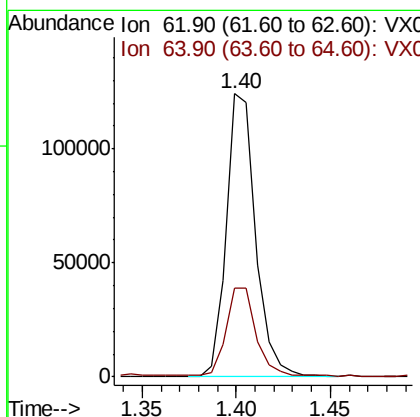
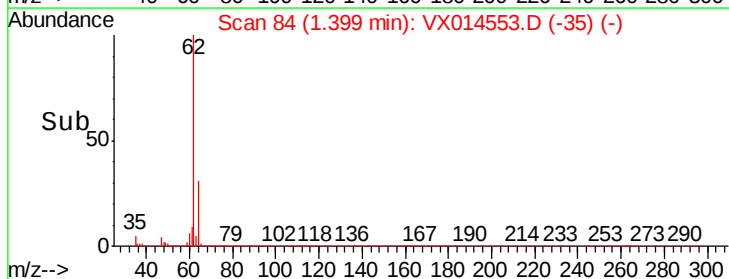
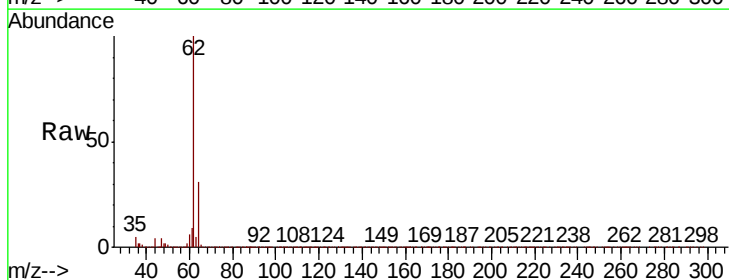
Manual Integrations
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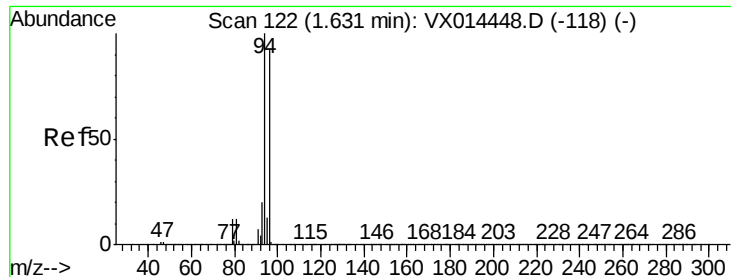
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#4
Vinyl Chloride
Concen: 21.173 ug/l
RT: 1.40 min Scan# 84
Delta R.T. -0.00 min
Lab File: VX014553.D
Acq: 10 Jan 2020 22:33

Tgt Ion	Ratio	Lower	Upper
62	100		
64	31.1	24.6	37.0





#5

Bromomethane

Concen: 18.890 ug/l

RT: 1.64 min Scan# 123

Delta R.T. 0.01 min

Lab File: VX014553.D

Acq: 10 Jan 2020 22:33

Instrument :

MSVOA_X

ClientSampleId :

VX0110WBSD02

Tot Ion: 94 Resp: 78886

Ion Ratio Lower Upper

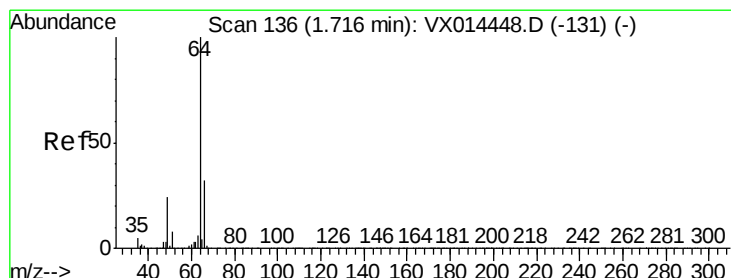
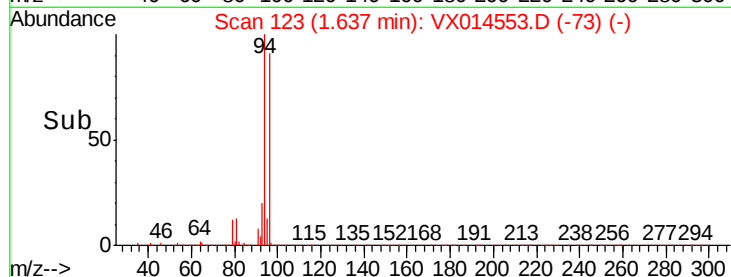
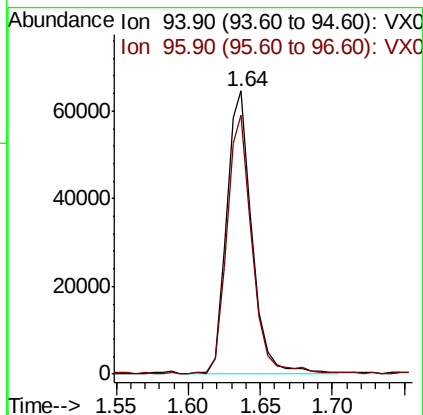
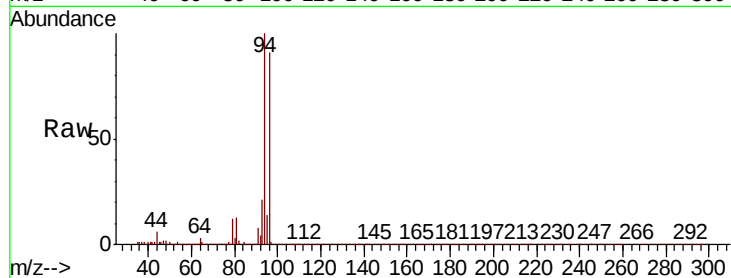
94 100

96 91.4 74.2 111.2

Manual Integrations
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#6

Chloroethane

Concen: 21.489 ug/l

RT: 1.72 min Scan# 137

Delta R.T. 0.01 min

Lab File: VX014553.D

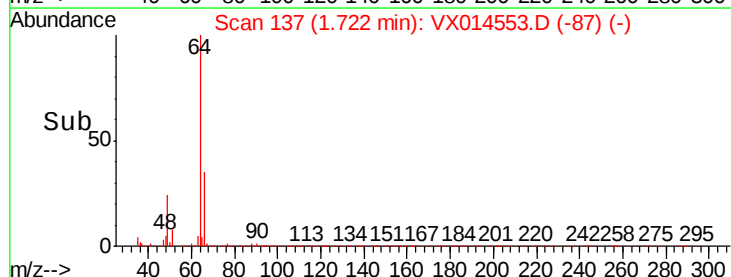
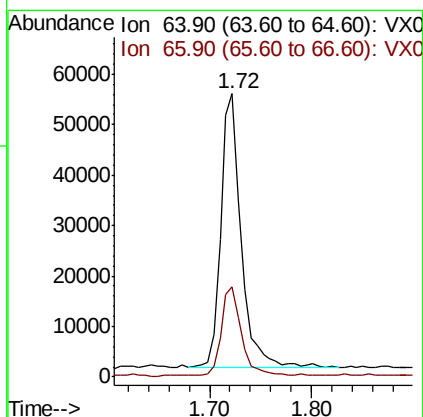
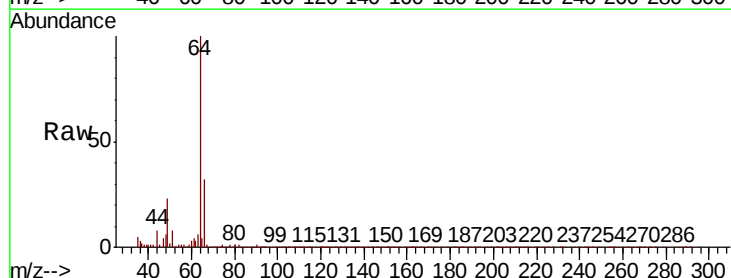
Acq: 10 Jan 2020 22:33

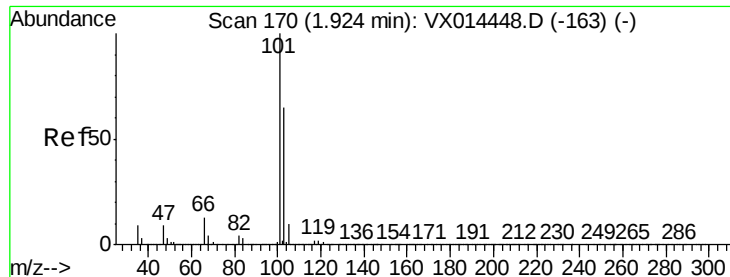
Tgt Ion: 64 Resp: 76295

Ion Ratio Lower Upper

64 100

66 32.4 25.3 37.9





#7

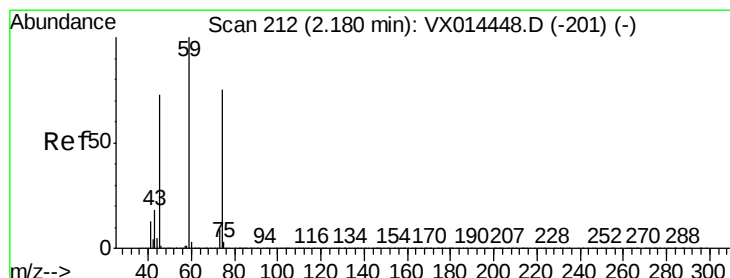
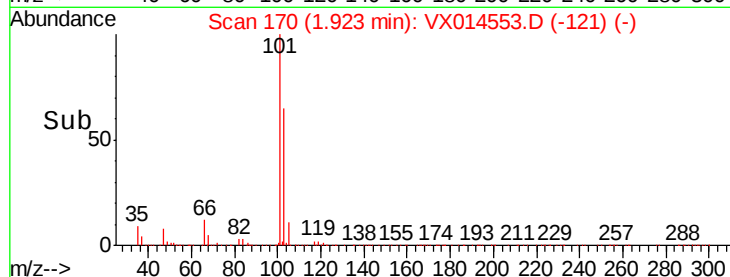
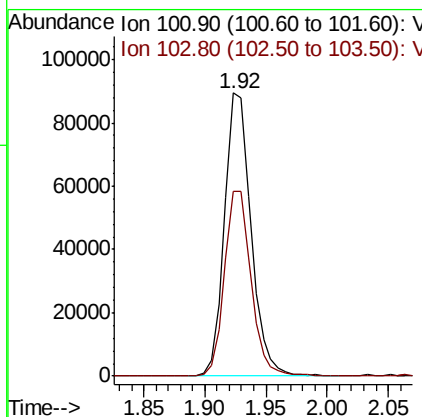
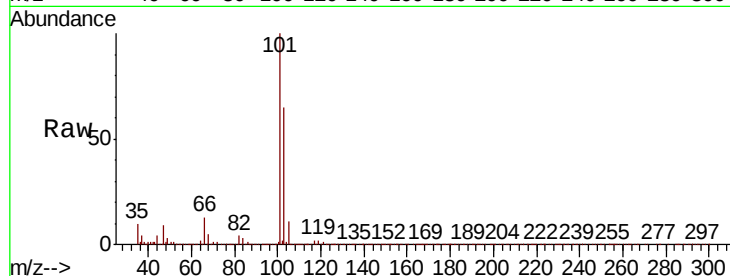
Trichlorofluoromethane
Concen: 18.817 ug/l
RT: 1.92 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX014553.D
Acq: 10 Jan 2020 22:33

Instrument :
MSVOA_X
ClientSampleId :
VX0110WBSD02

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.1	52.2	78.4

Manual Integrations
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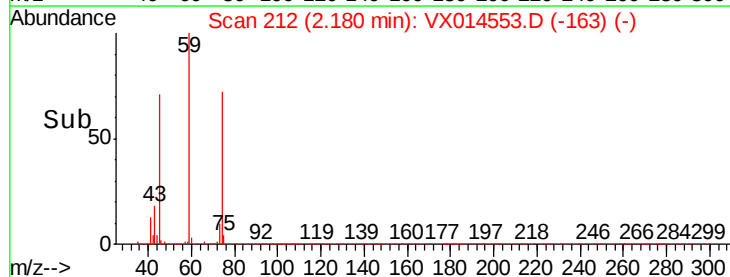
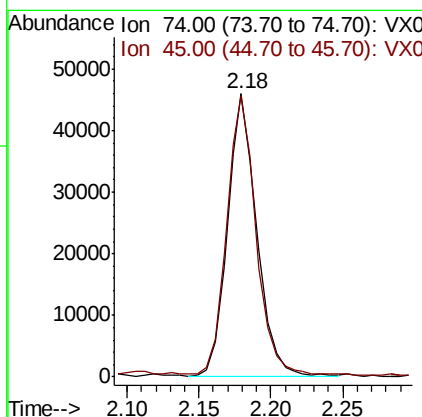
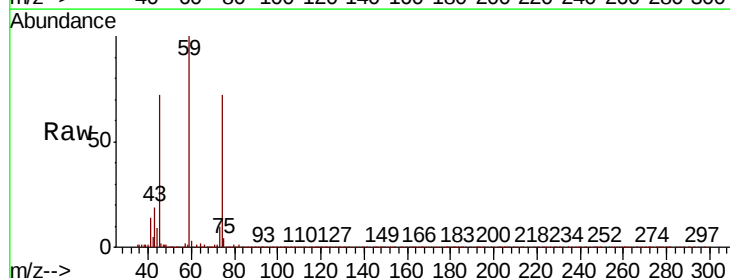
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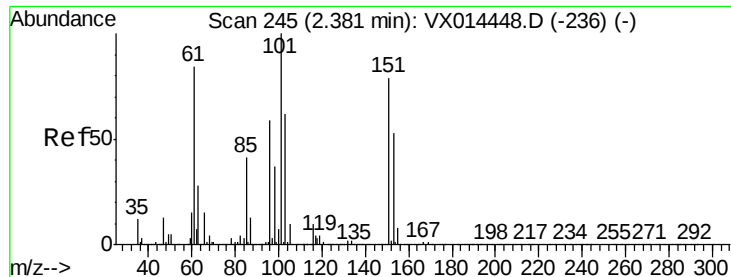


#8

Diethyl Ether
Concen: 20.163 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX014553.D
Acq: 10 Jan 2020 22:33

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.9	48.7	146.1





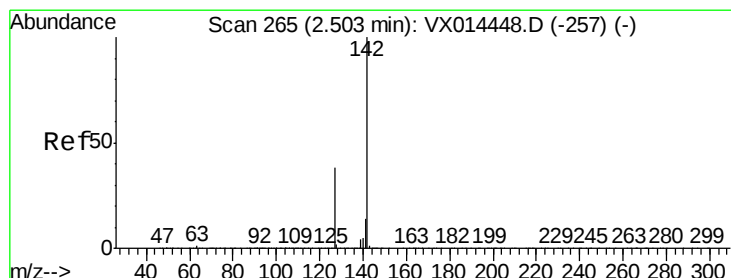
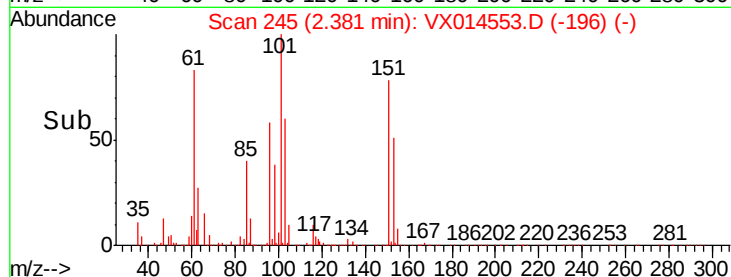
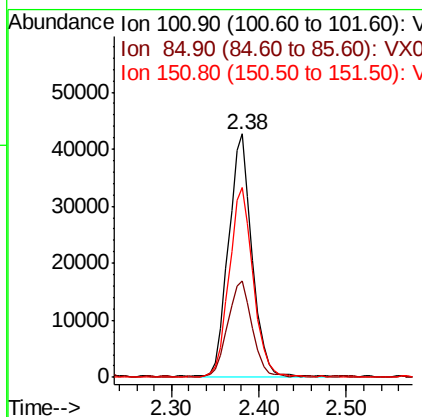
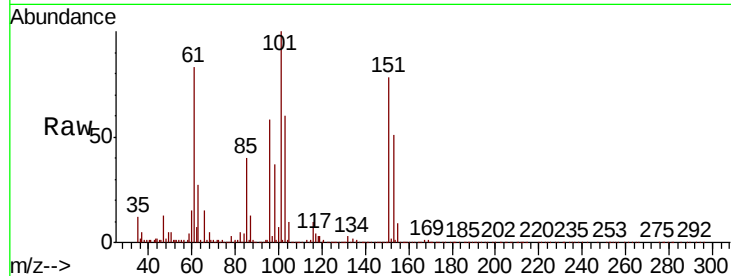
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.185 ug/l
RT: 2.38 min Scan# 245
Delta R.T. -0.00 min
Lab File: VX014553.D
Acq: 10 Jan 2020 22:33

Instrument :
MSVOA_X
ClientSampleId :
VX0110WBSD02

Tot Ion	Ratio	Lower	Upper
101	100		
85	40.9	33.8	50.8
151	80.7	65.3	97.9

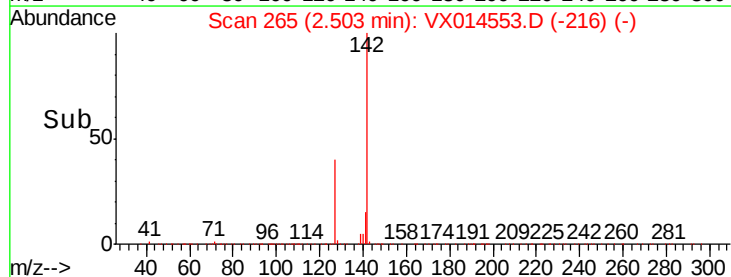
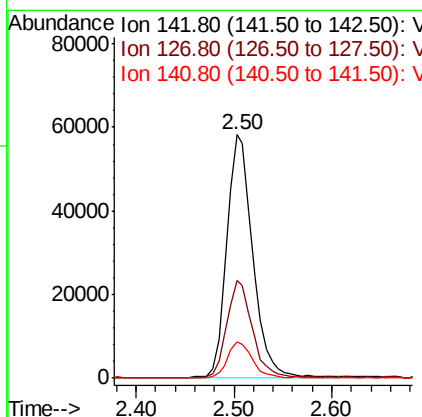
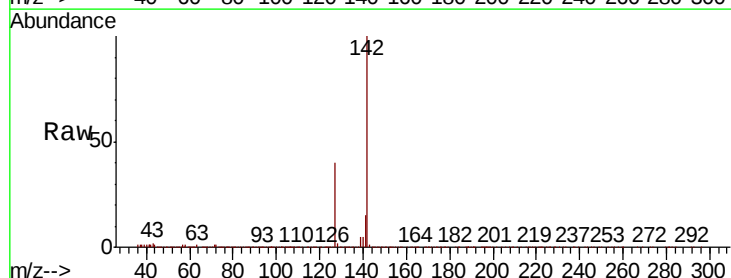
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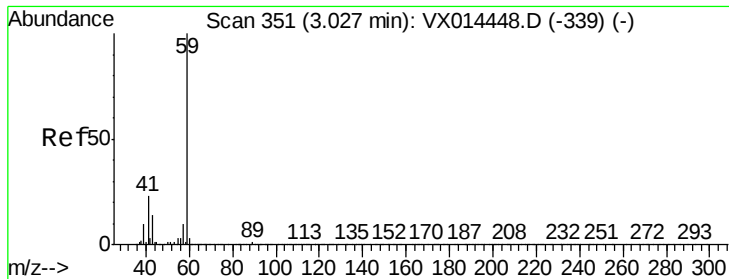
MMDadoda
1/13/2020 11:34:17 AM



#10
Methyl Iodide
Concen: 20.662 ug/l
RT: 2.50 min Scan# 265
Delta R.T. -0.00 min
Lab File: VX014553.D
Acq: 10 Jan 2020 22:33

Tgt Ion	Ratio	Lower	Upper
142	100		
127	39.7	31.2	46.8
141	14.7	11.4	17.2





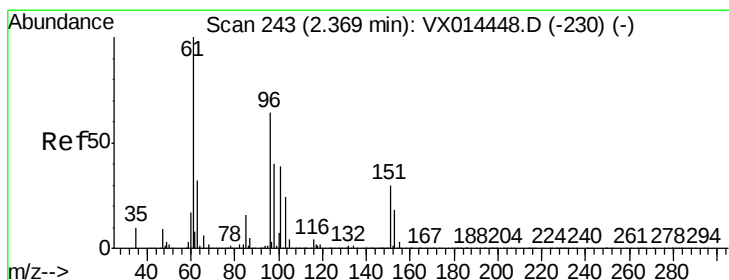
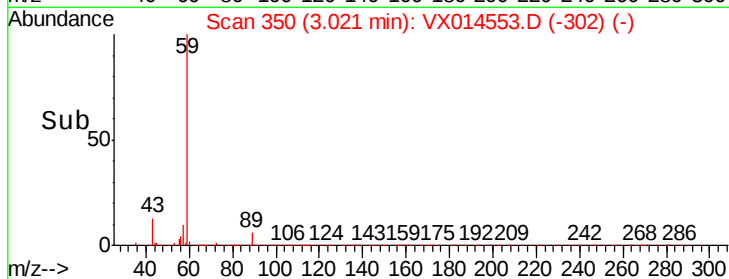
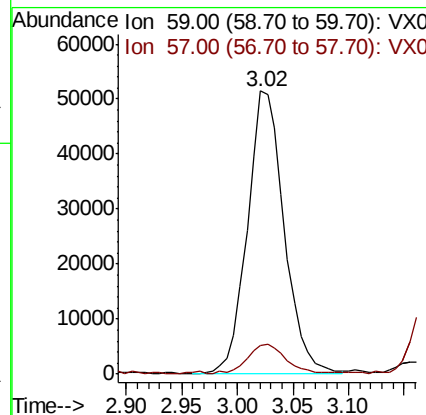
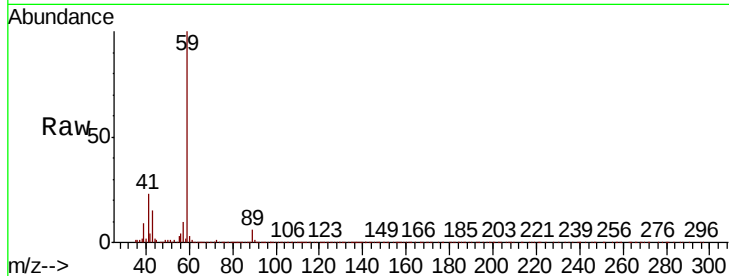
#11
Tert butyl alcohol
Concen: 113.772 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.01 min
Lab File: VX014553.D
Acq: 10 Jan 2020 22:33

Instrument :
MSVOA_X
ClientSampleId :
VX0110WBSD02

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.5	12.7

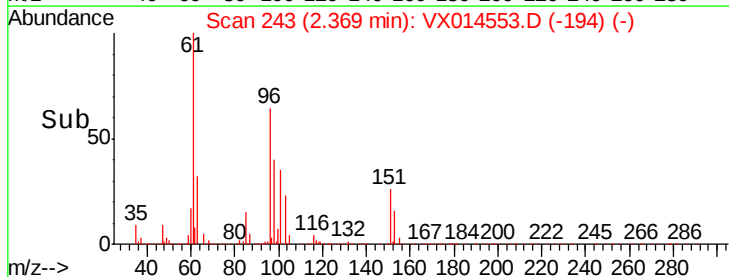
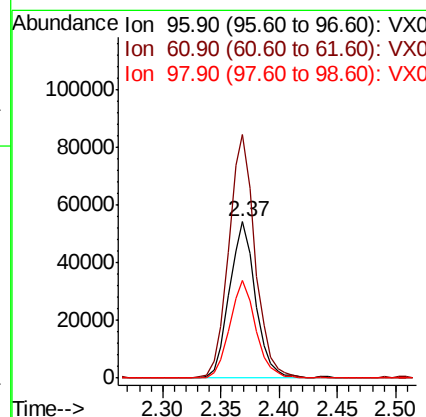
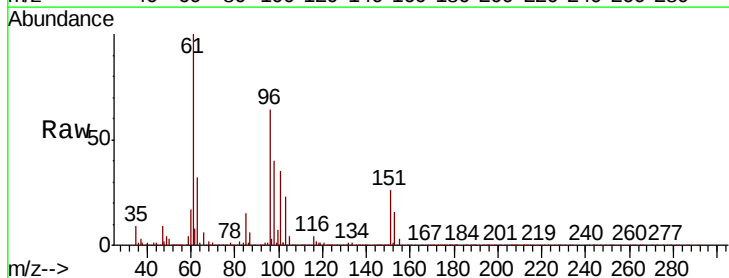
Manual Integrations
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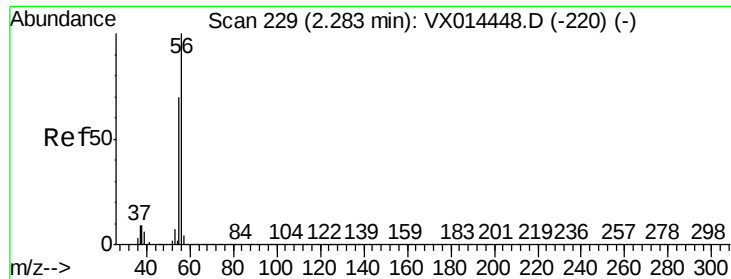
MMDadoda
1/13/2020 11:34:17 AM



#12
1,1-Dichloroethene
Concen: 19.173 ug/l
RT: 2.37 min Scan# 243
Delta R.T. -0.00 min
Lab File: VX014553.D
Acq: 10 Jan 2020 22:33

Tgt Ion	Ratio	Lower	Upper
96	100		
61	155.8	125.0	187.6
98	61.9	50.2	75.2





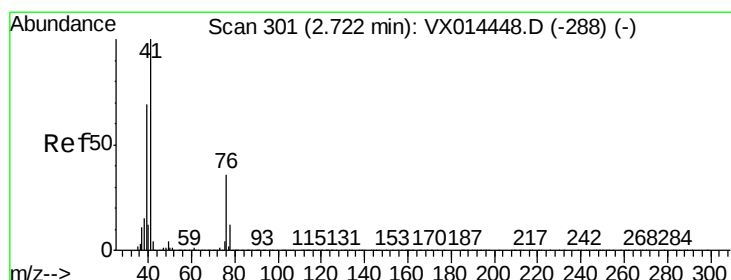
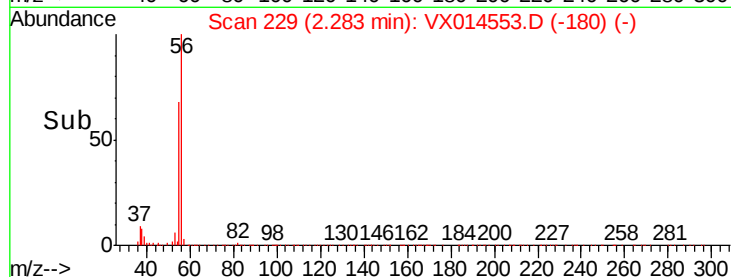
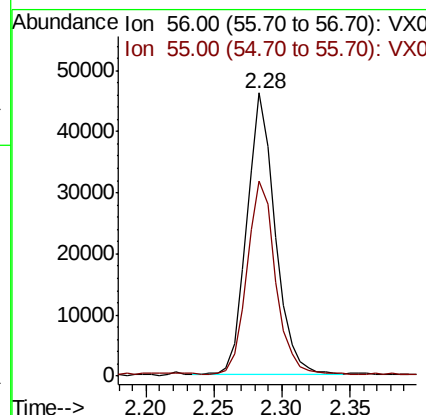
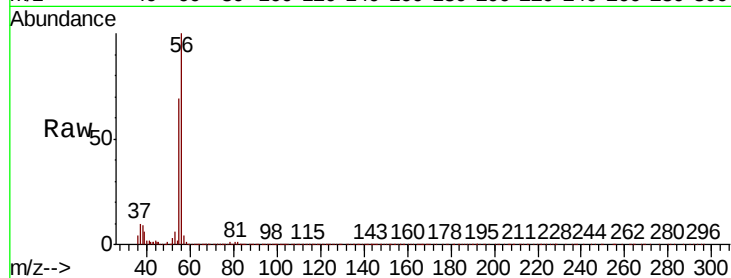
#13
Acrolein
Concen: 80.613 ug/l
RT: 2.28 min Scan# 229
Delta R.T. -0.00 min
Lab File: VX014553.D
Acq: 10 Jan 2020 22:33

Instrument :
MSVOA_X
ClientSampleId :
VX0110WBSD02

Tot Ion	Ratio	Lower	Upper
56	100		
55	69.6	55.0	82.6

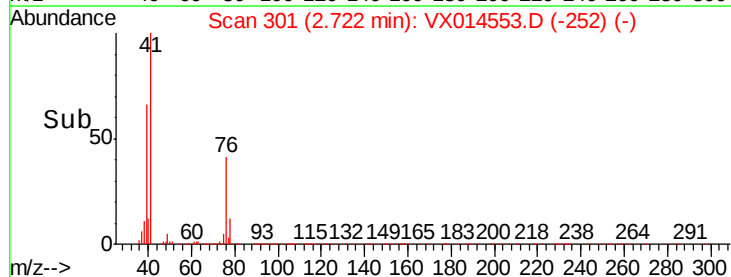
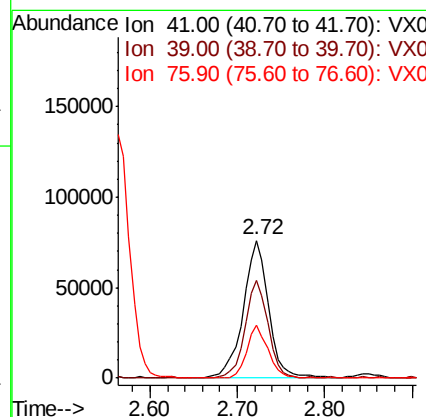
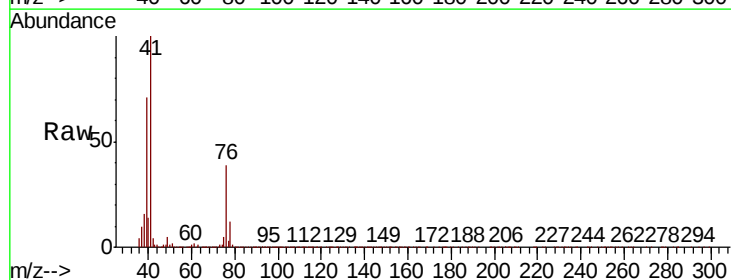
Manual Integrations
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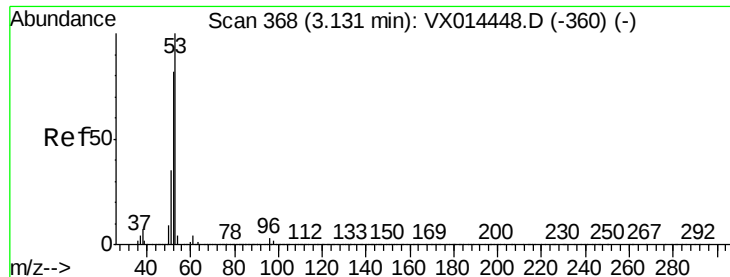
MMDadoda
1/13/2020 11:34:17 AM



#14
Allyl chloride
Concen: 19.588 ug/l
RT: 2.72 min Scan# 301
Delta R.T. -0.00 min
Lab File: VX014553.D
Acq: 10 Jan 2020 22:33

Tgt Ion	Ratio	Lower	Upper
41	100		
39	66.1	51.7	77.5
76	32.2	26.8	40.2





#15

Acrylonitrile

Concen: 108.395 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX014553.D

Acq: 10 Jan 2020 22:33

Instrument :

MSVOA_X

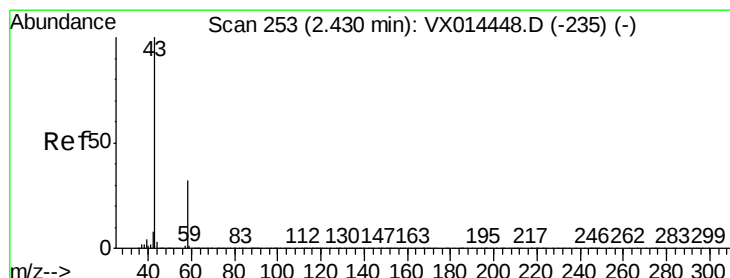
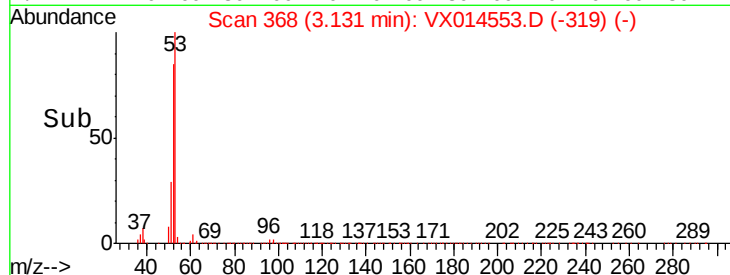
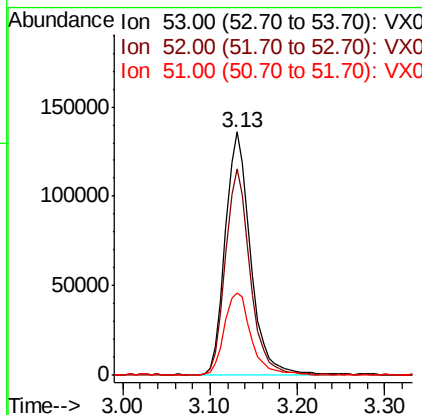
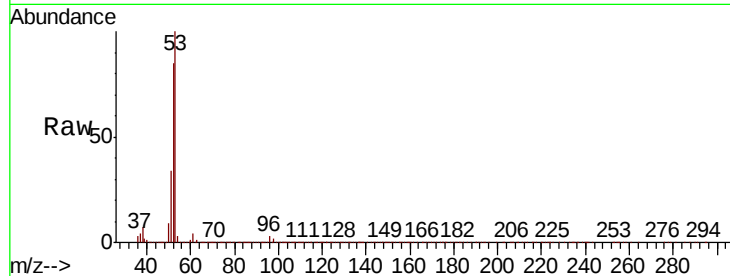
ClientSampleId :

VX0110WBSD02

Tot Ion:	53	Resp:	270470
Ion Ratio		Lower	Upper
53	100		
52	82.9	67.0	100.4
51	36.2	28.5	42.7

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#16

Acetone

Concen: 120.802 ug/l

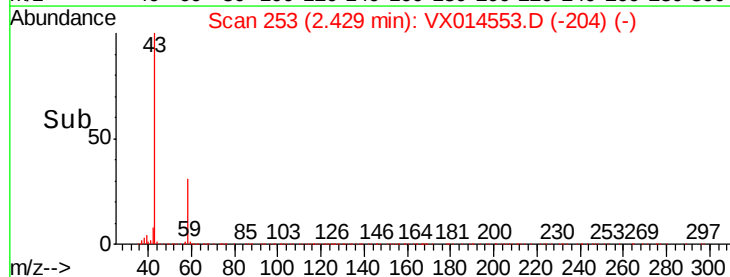
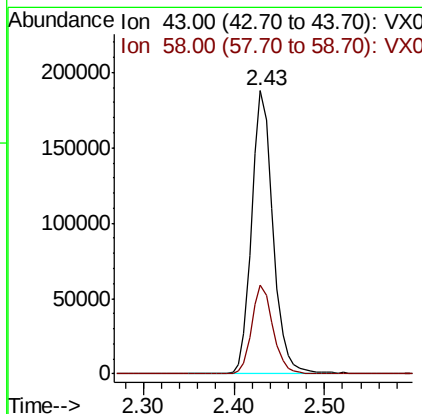
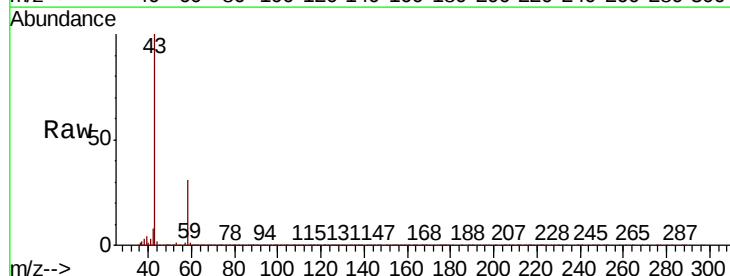
RT: 2.43 min Scan# 253

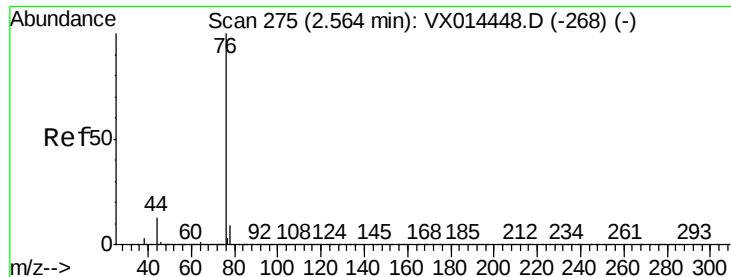
Delta R.T. 0.00 min

Lab File: VX014553.D

Acq: 10 Jan 2020 22:33

Tgt Ion:	43	Resp:	305269
Ion Ratio		Lower	Upper
43	100		
58	31.3	25.4	38.0





#17

Carbon Disulfide

Concen: 17.861 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.00 min

Lab File: VX014553.D

Acq: 10 Jan 2020 22:33

Instrument :

MSVOA_X

ClientSampleId :

VX0110WBSD02

Tot Ion: 76 Resp: 218322

Ion Ratio Lower Upper

76 100

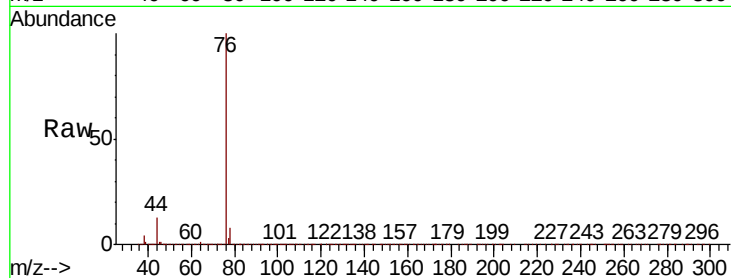
78 8.2 7.4 11.2

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

150000

100000

50000

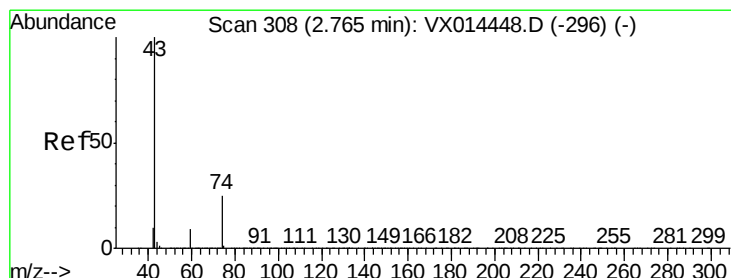
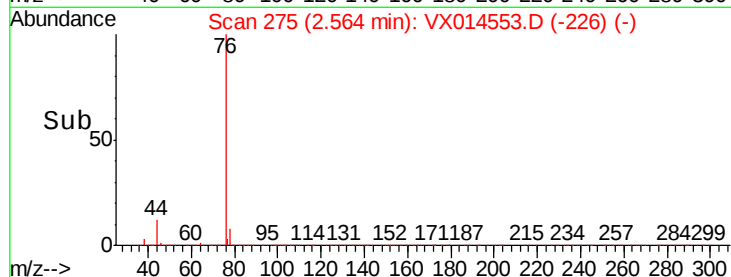
0

2.56

2.50

2.60

Time-->



#18

Methyl Acetate

Concen: 23.365 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014553.D

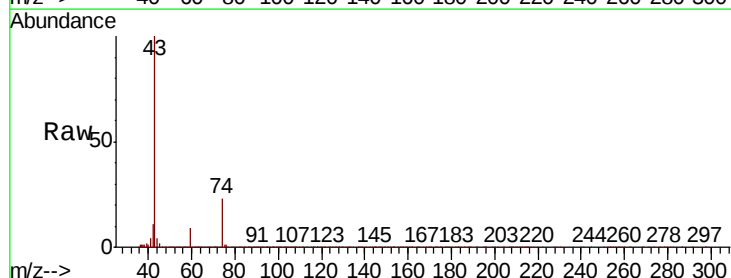
Acq: 10 Jan 2020 22:33

Tgt Ion: 43 Resp: 166275

Ion Ratio Lower Upper

43 100

74 24.6 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

100000

80000

60000

40000

20000

0

2.76

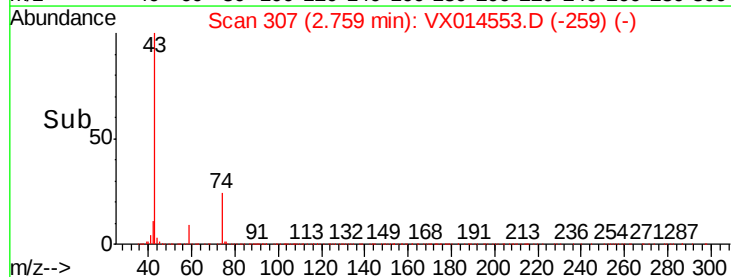
2.60

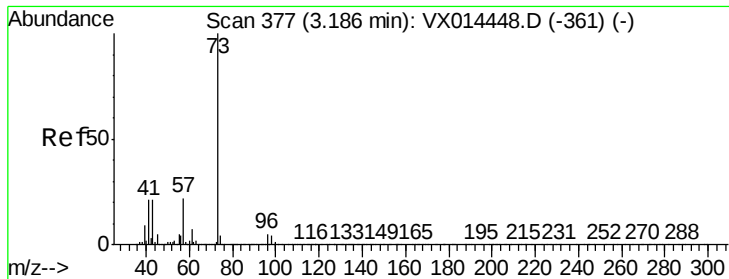
2.70

2.80

2.90

Time-->





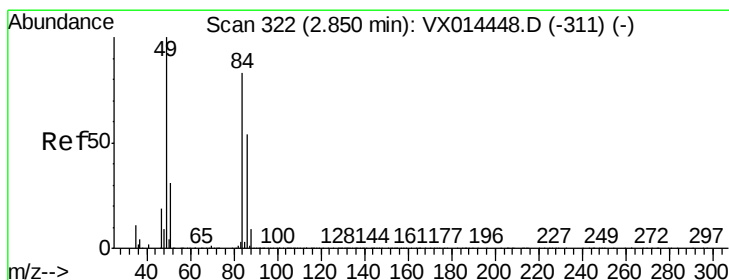
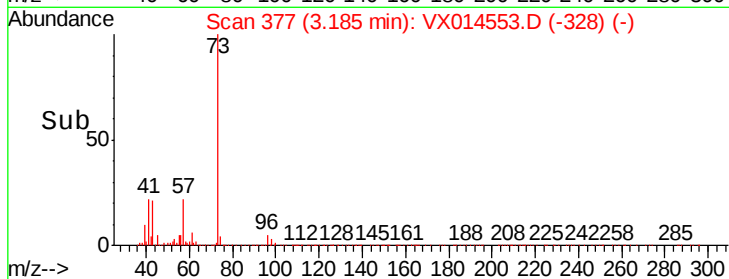
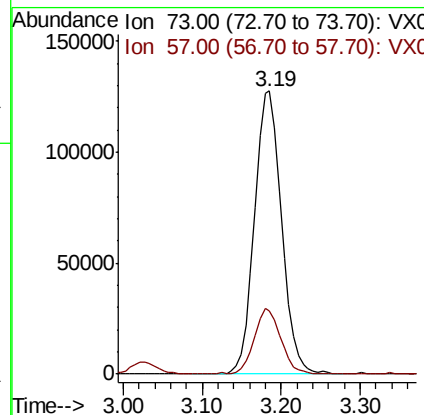
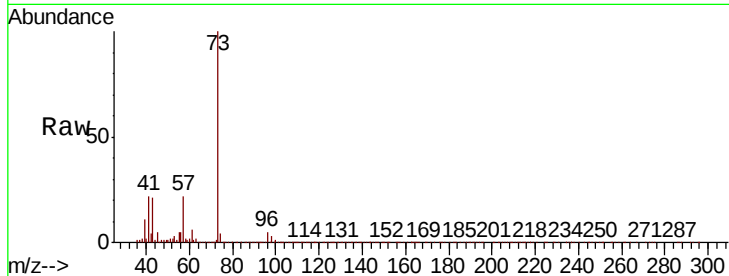
#19
Methyl tert-butyl Ether
Concen: 21.661 ug/l
RT: 3.19 min Scan# 377
Delta R.T. -0.00 min
Lab File: VX014553.D
Acq: 10 Jan 2020 22:33

Instrument :
MSVOA_X
ClientSampleId :
VX0110WBSD02

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.3	17.8	26.8

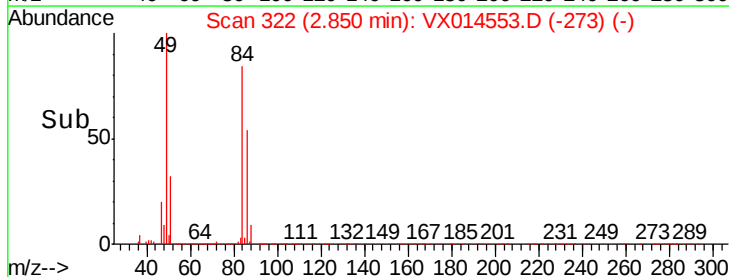
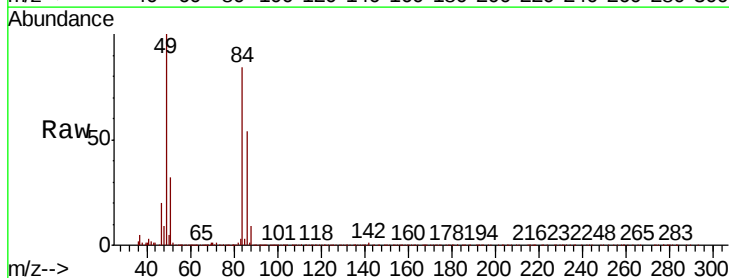
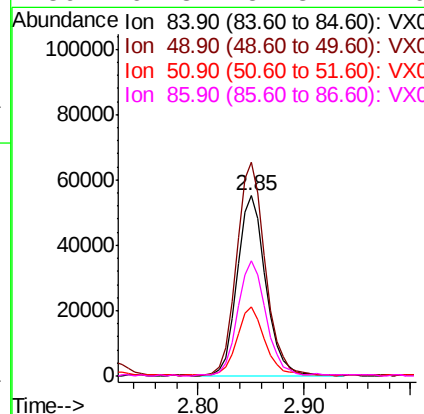
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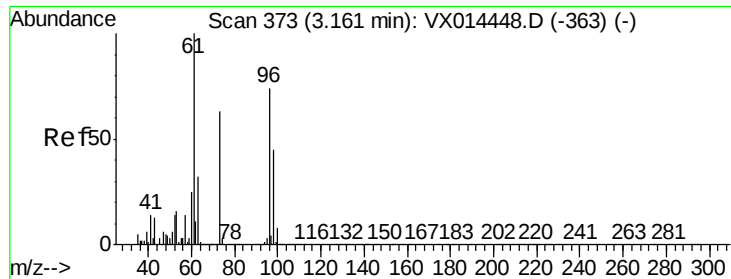
MMDadoda
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#20
Methylene Chloride
Concen: 20.730 ug/l
RT: 2.85 min Scan# 322
Delta R.T. -0.00 min
Lab File: VX014553.D
Acq: 10 Jan 2020 22:33

Tgt Ion	Ratio	Lower	Upper
84	100		
49	118.7	95.8	143.8
51	37.9	30.2	45.4
86	64.3	51.8	77.6





#21

trans-1,2-Dichloroethene

Concen: 18.755 ug/l

RT: 3.16 min Scan# 373

Delta R.T. -0.00 min

Lab File: VX014553.D

Acq: 10 Jan 2020 22:33

Instrument :

MSVOA_X

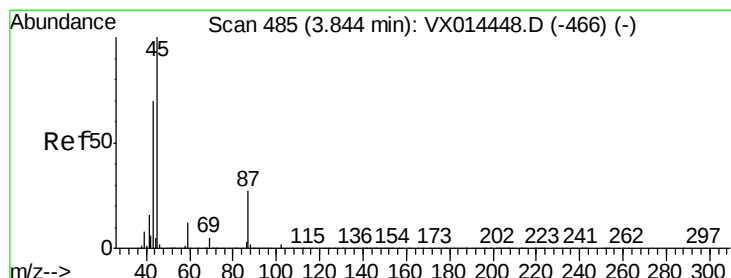
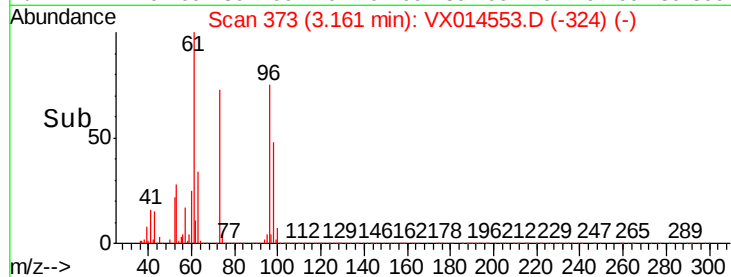
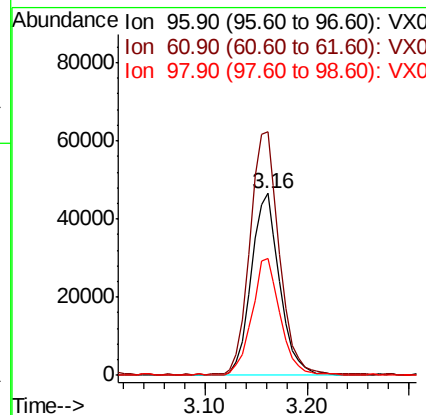
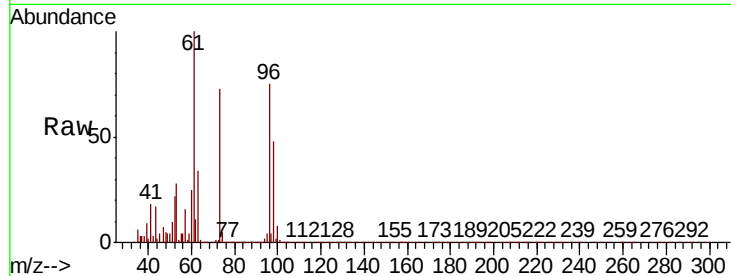
ClientSampleId :

VX0110WBSD02

Tot Ion:	96	Resp:	89694
Ion	Ratio	Lower	Upper
96	100		
61	133.8	108.2	162.4
98	64.0	48.8	73.2

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#22

Diisopropyl ether

Concen: 21.383 ug/l

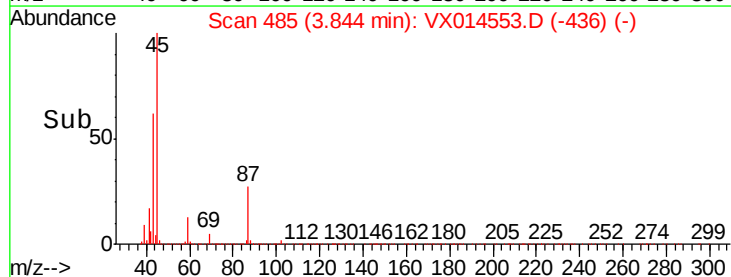
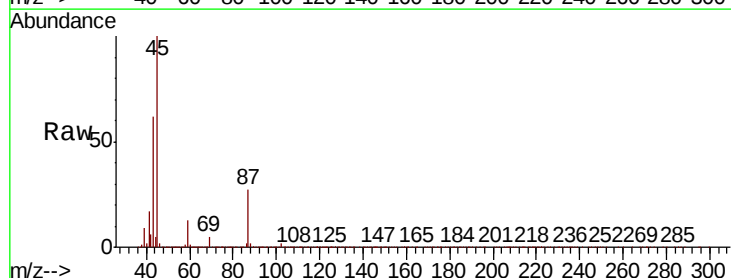
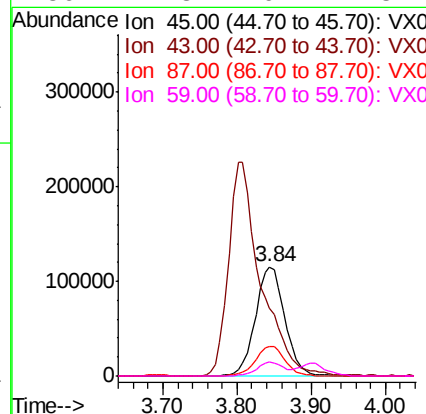
RT: 3.84 min Scan# 485

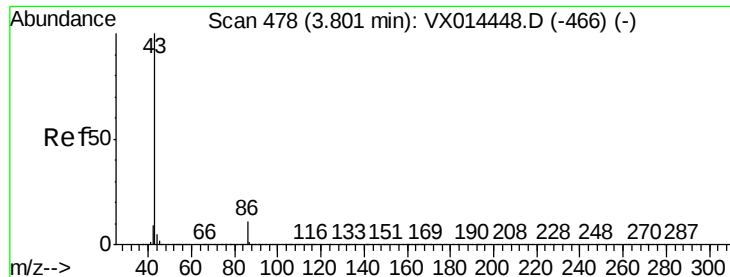
Delta R.T. -0.00 min

Lab File: VX014553.D

Acq: 10 Jan 2020 22:33

Tgt Ion:	45	Resp:	317816
Ion	Ratio	Lower	Upper
45	100		
43	61.5	55.8	83.6
87	27.1	21.8	32.8
59	12.3	9.1	13.7





#23

Vinyl Acetate

Concen: 59.040 ug/l

RT: 3.81 min Scan# 479

Delta R.T. 0.01 min

Lab File: VX014553.D

Acq: 10 Jan 2020 22:33

Instrument :

MSVOA_X

ClientSampleID :

VX0110WBSD02

Tot Ion: 43 Resp: 679383

Ion Ratio Lower Upper

43 100

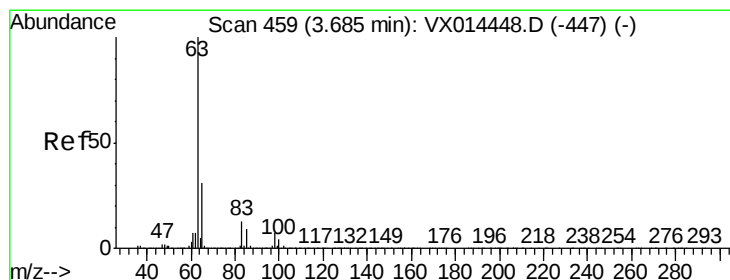
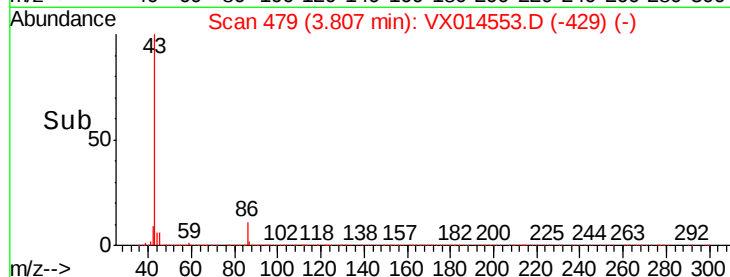
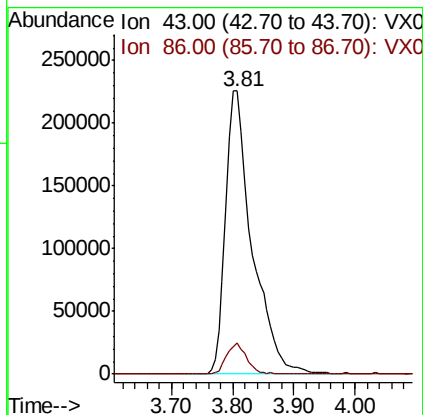
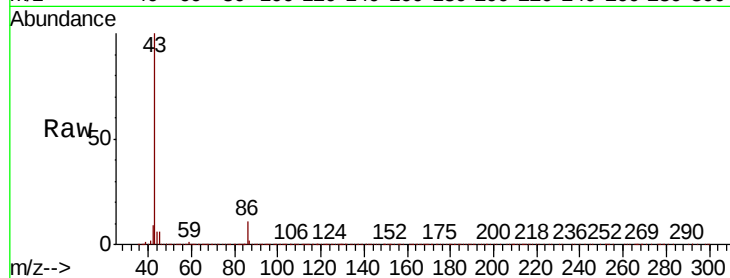
86 10.8 8.4 12.6

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#24

1,1-Dichloroethane

Concen: 20.974 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX014553.D

Acq: 10 Jan 2020 22:33

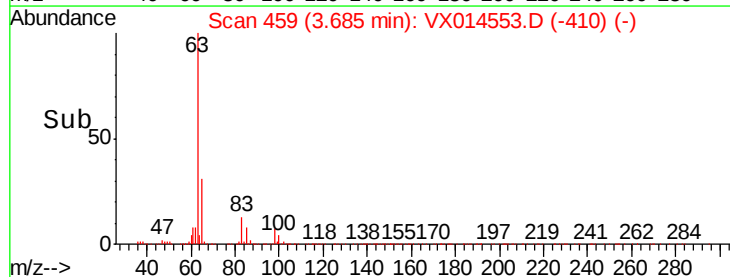
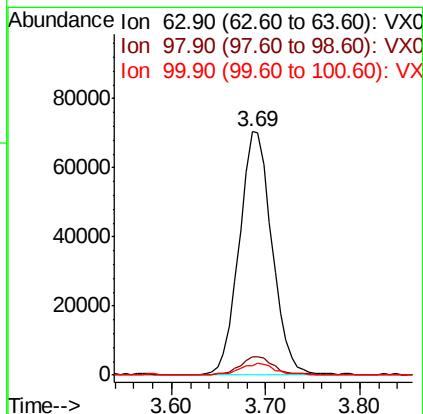
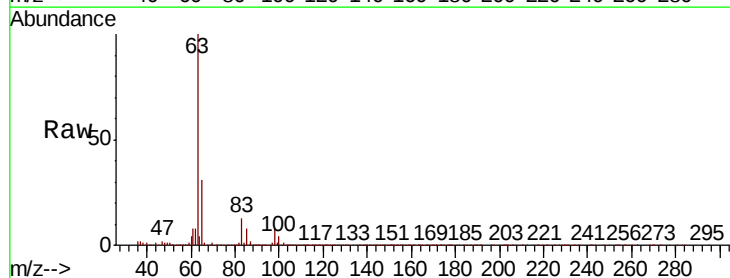
Tgt Ion: 63 Resp: 169586

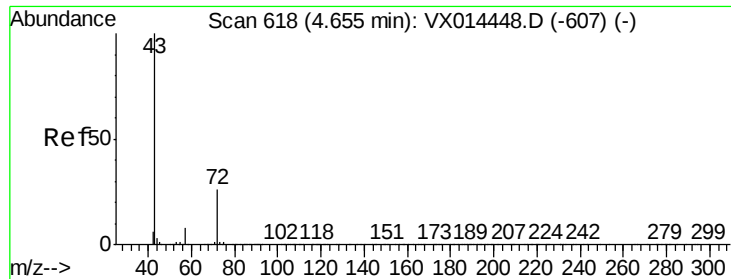
Ion Ratio Lower Upper

63 100

98 7.5 3.6 10.9

100 3.8 2.3 6.8





#25

2-Butanone

Concen: 112.180 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.00 min

Lab File: VX014553.D

Acq: 10 Jan 2020 22:33

Instrument :

MSVOA_X

ClientSampleId :

VX0110WBSD02

Tot Ion: 43 Resp: 414909

Ion Ratio Lower Upper

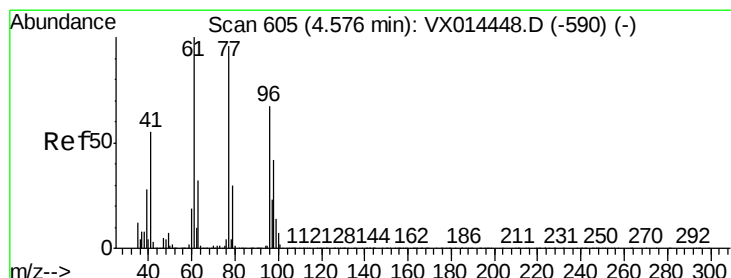
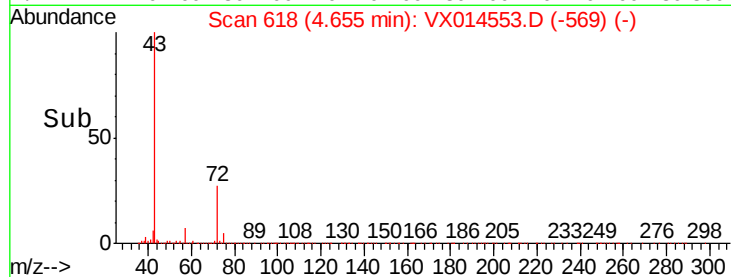
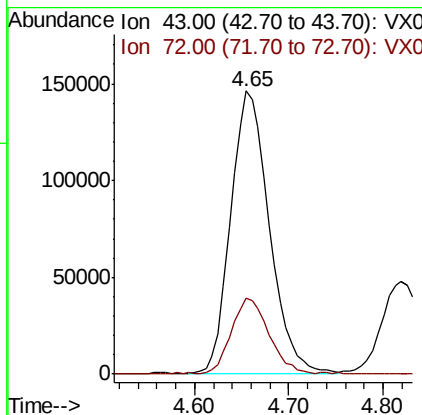
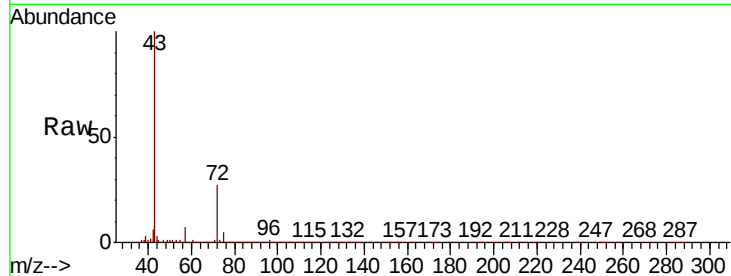
43 100

72 26.5 20.6 31.0

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#26

2,2-Dichloropropane

Concen: 16.549 ug/l

RT: 4.58 min Scan# 605

Delta R.T. -0.00 min

Lab File: VX014553.D

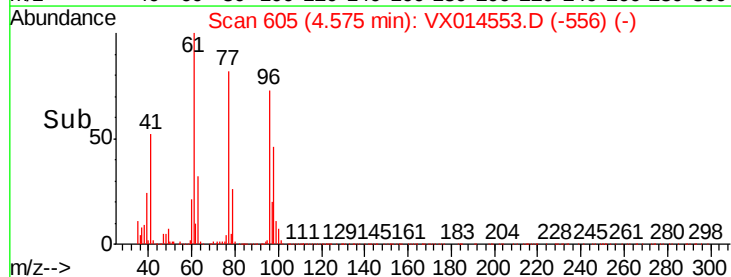
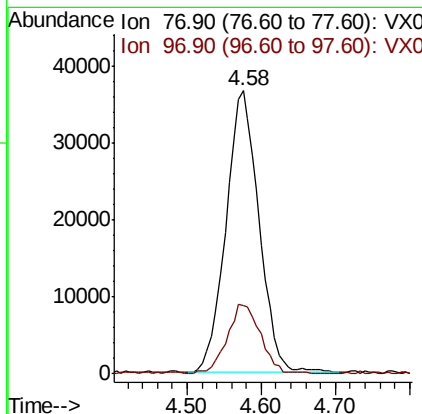
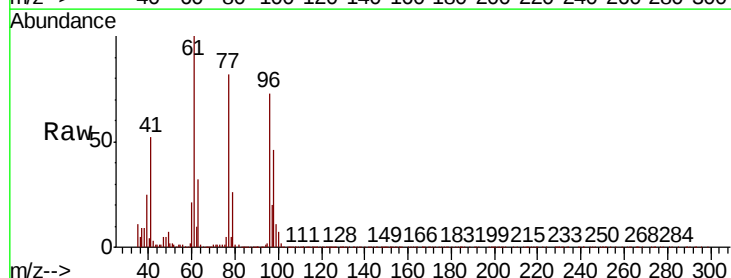
Acq: 10 Jan 2020 22:33

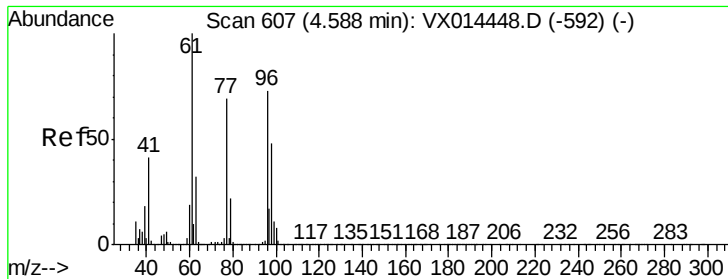
Tgt Ion: 77 Resp: 113352

Ion Ratio Lower Upper

77 100

97 24.6 11.7 35.1





#27

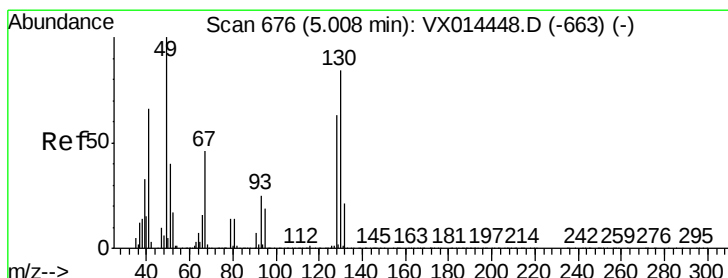
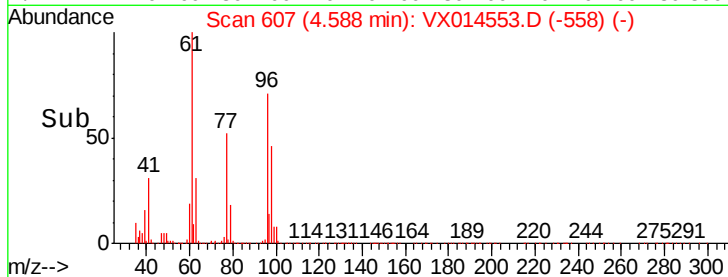
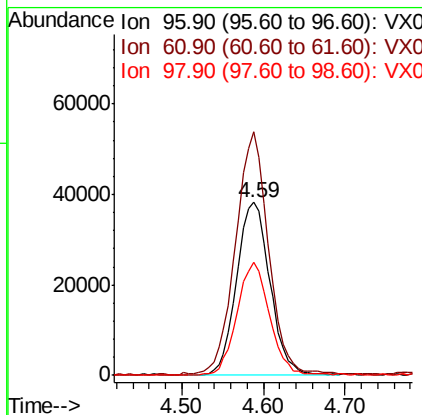
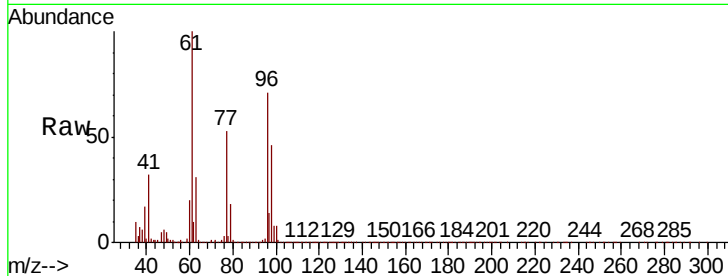
cis-1,2-Dichloroethene
Concen: 20.197 ug/l
RT: 4.59 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX014553.D
Acq: 10 Jan 2020 22:33

Instrument :
MSVOA_X
ClientSampleId :
VX0110WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
96	100	107975		
61	140.2		0.0	285.4
98	64.1		0.0	130.6

Manual Integrations
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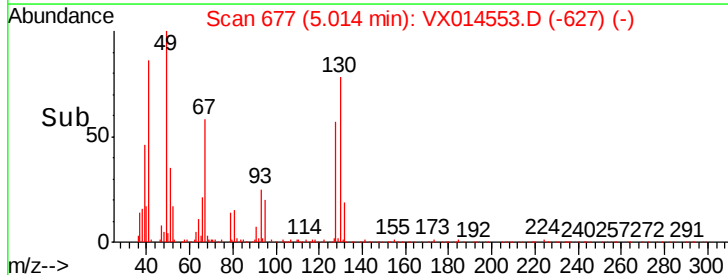
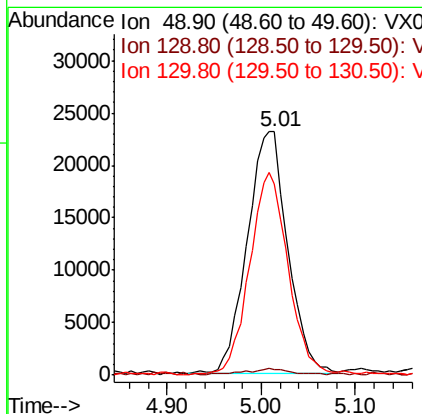
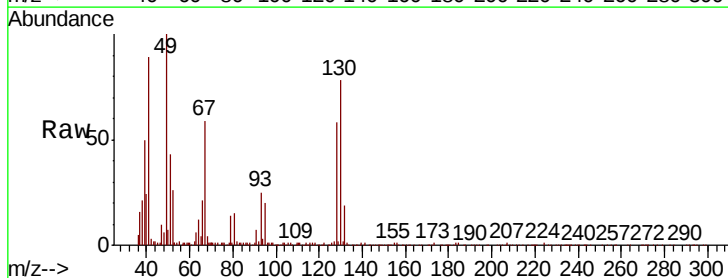
MMDadoda
1/13/2020 11:34:17 AM

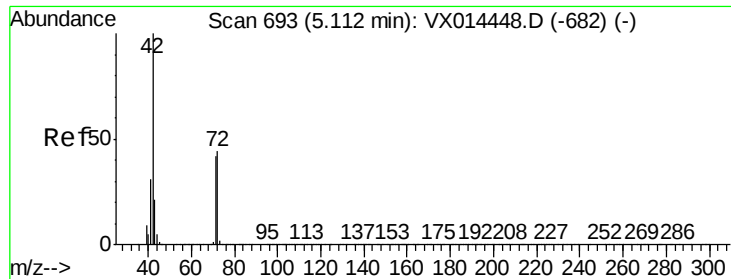


#28

Bromochloromethane
Concen: 20.311 ug/l
RT: 5.01 min Scan# 677
Delta R.T. 0.01 min
Lab File: VX014553.D
Acq: 10 Jan 2020 22:33

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	69200		
129	3.0		0.0	4.4
130	80.9		67.0	100.4





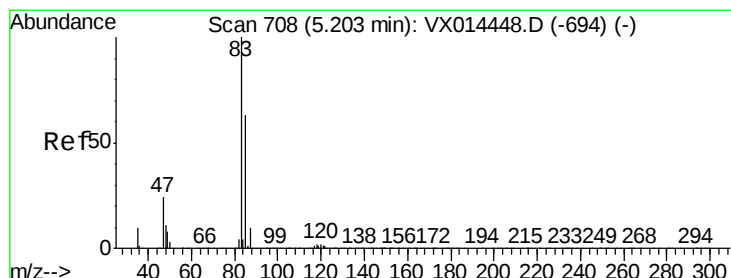
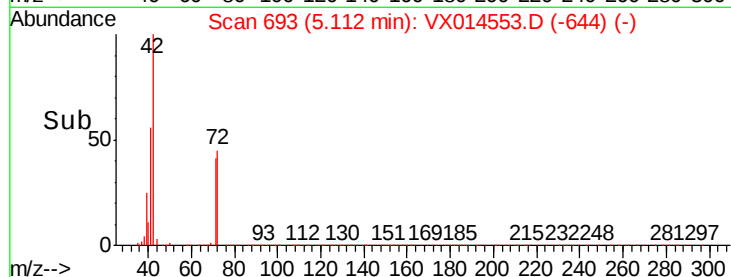
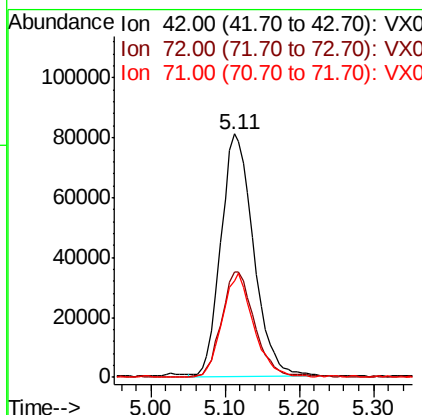
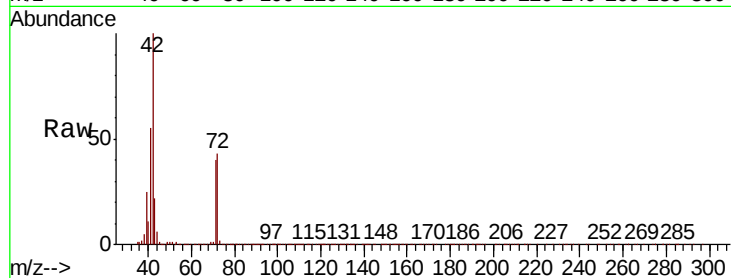
#29
Tetrahydrofuran
Concen: 113.448 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.00 min
Lab File: VX014553.D
Acq: 10 Jan 2020 22:33

Instrument :
MSVOA_X
ClientSampleId :
VX0110WBSD02

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.0	36.2	54.4
71	40.8	34.1	51.1

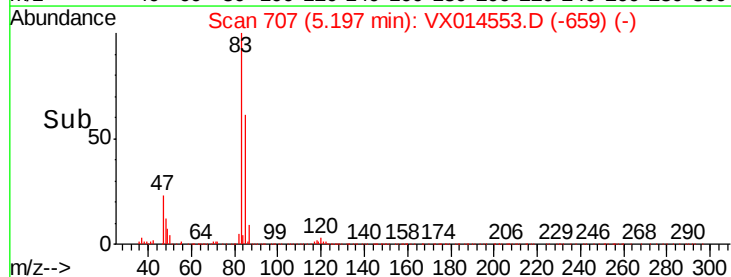
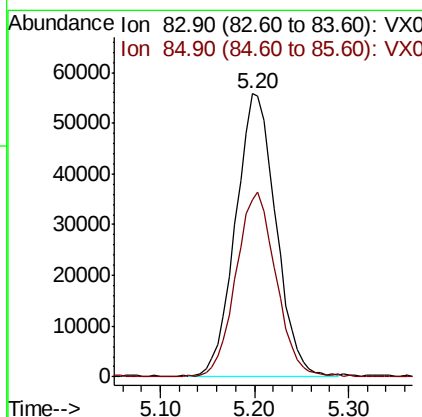
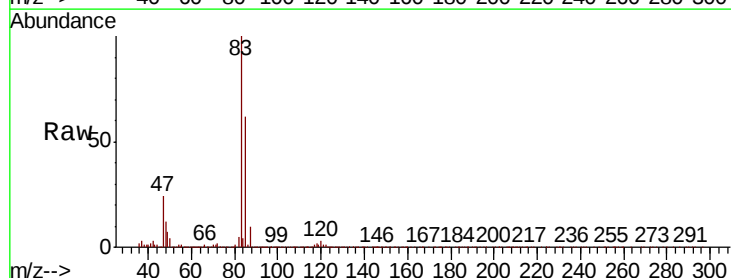
Manual Integrations
APPROVED

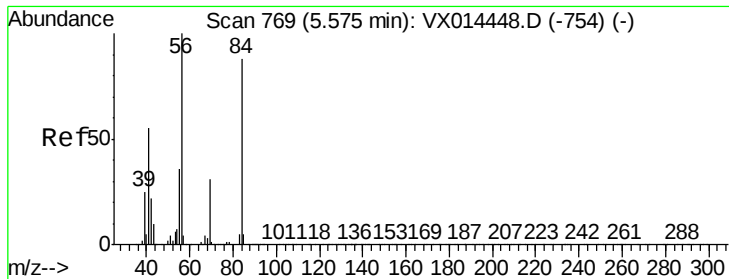
MMDadoda
1/13/2020 11:34:17 AM



#30
Chloroform
Concen: 21.055 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX014553.D
Acq: 10 Jan 2020 22:33

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.9	50.6	75.8





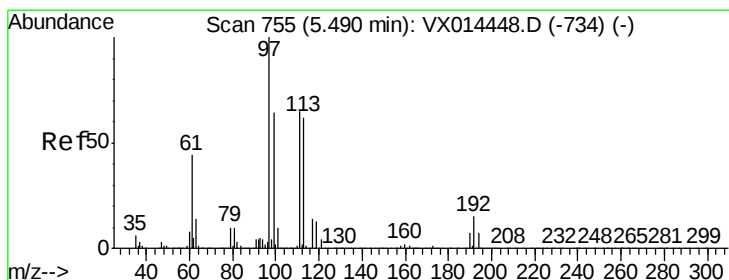
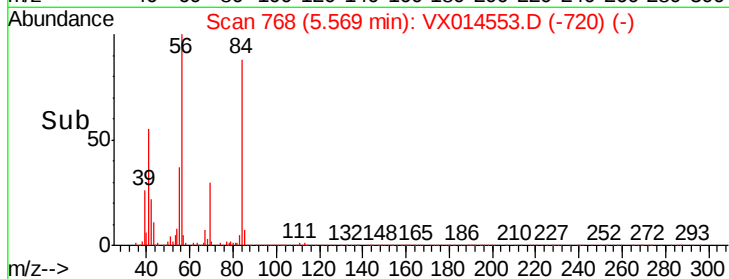
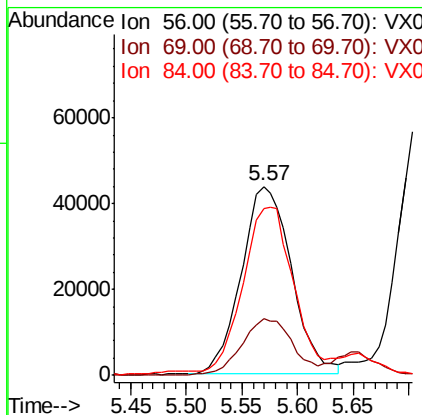
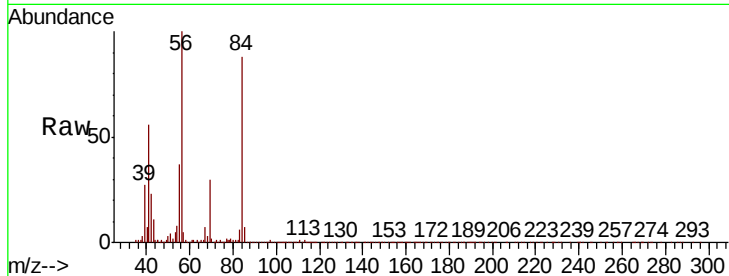
#31
Cyclohexane
Concen: 18.125 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.01 min
Lab File: VX014553.D
Acq: 10 Jan 2020 22:33

Instrument :
MSVOA_X
ClientSampleId :
VX0110WBSD02

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.0	24.4	36.6
84	87.0	70.6	106.0

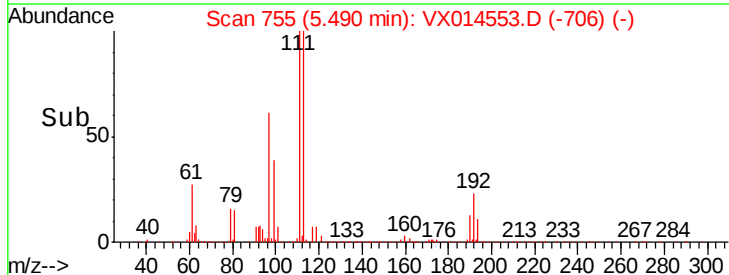
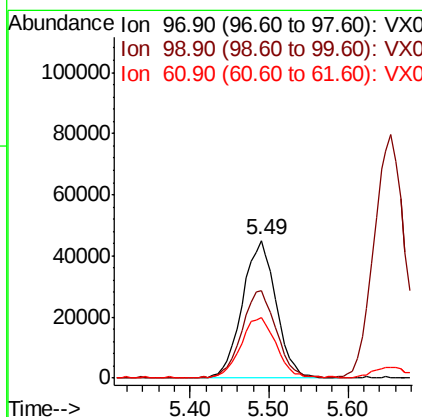
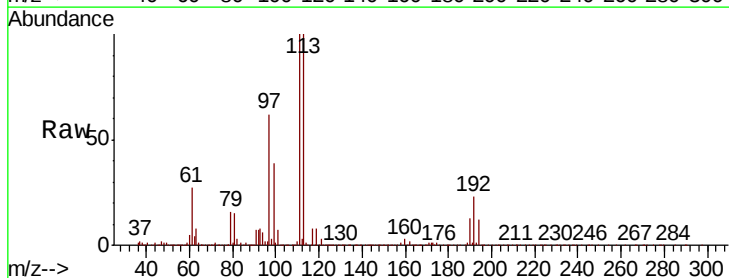
Manual Integrations
APPROVED

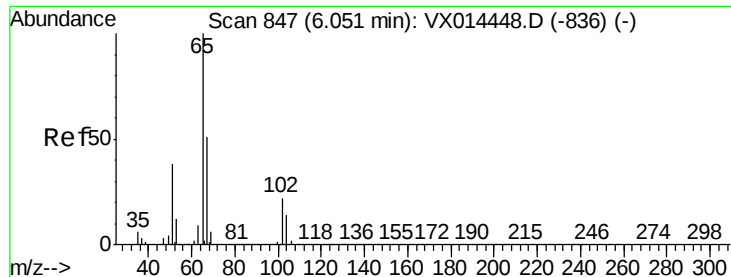
MMDadoda
1/13/2020 11:34:17 AM



#32
1,1,1-Trichloroethane
Concen: 19.828 ug/l
RT: 5.49 min Scan# 755
Delta R.T. -0.00 min
Lab File: VX014553.D
Acq: 10 Jan 2020 22:33

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.8	77.6
61	46.4	35.9	53.9





#33

1,2-Dichloroethane-d4

Concen: 51.581 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX014553.D

Acq: 10 Jan 2020 22:33

Instrument :

MSVOA_X

ClientSampleId :

VX0110WBSD02

Tot Ion: 65 Resp: 255399

Ion Ratio Lower Upper

65 100

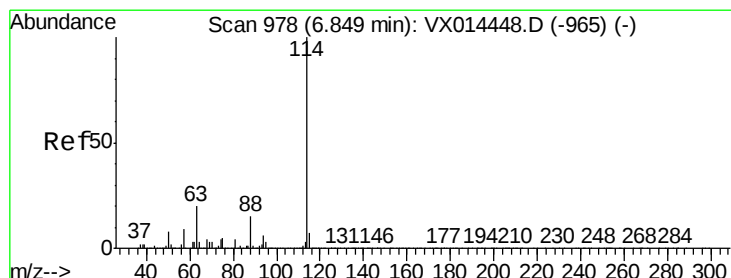
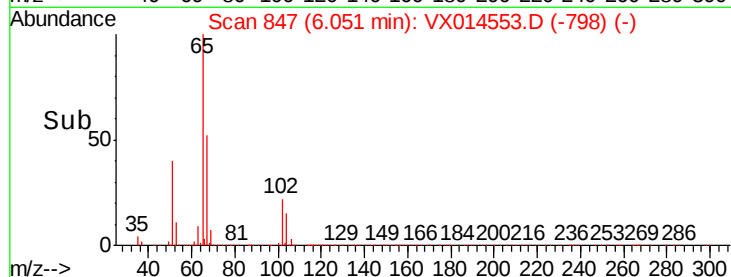
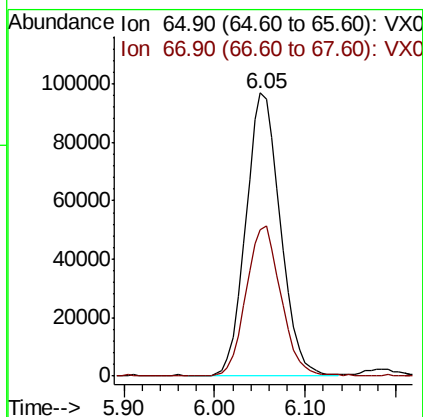
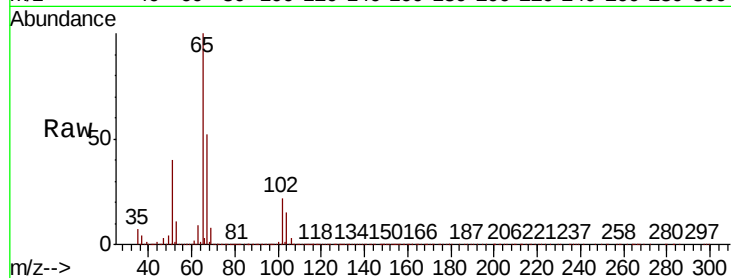
67 53.3 0.0 106.2

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX014553.D

Acq: 10 Jan 2020 22:33

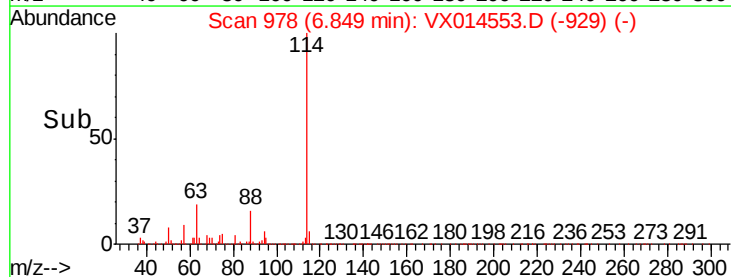
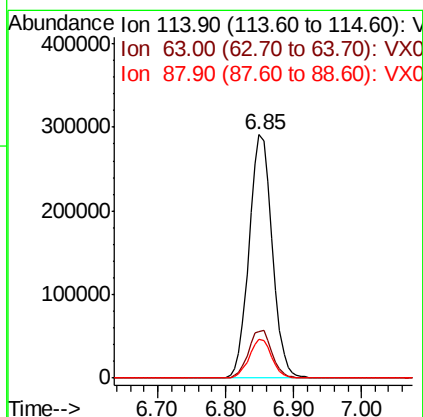
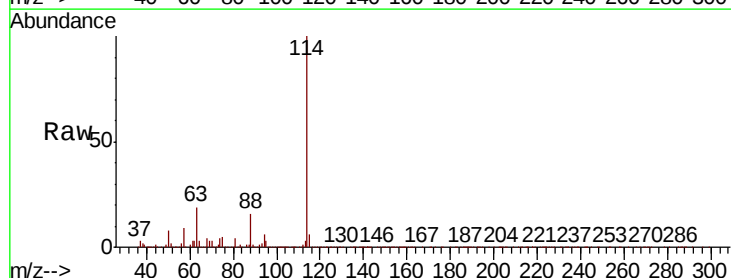
Tgt Ion: 114 Resp: 690740

Ion Ratio Lower Upper

114 100

63 19.3 0.0 39.6

88 15.7 0.0 30.8





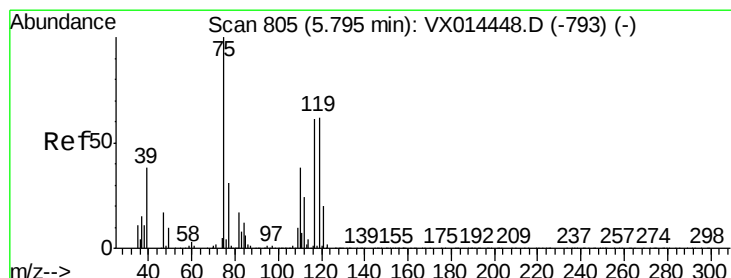
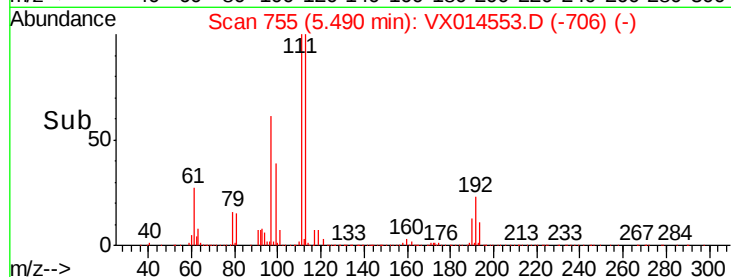
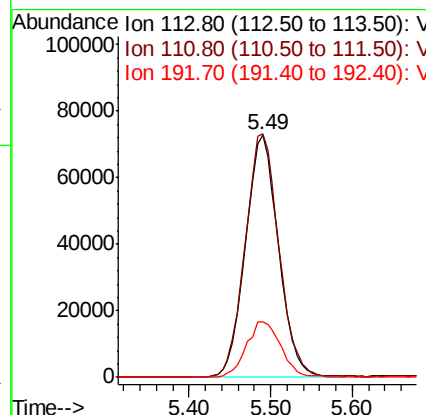
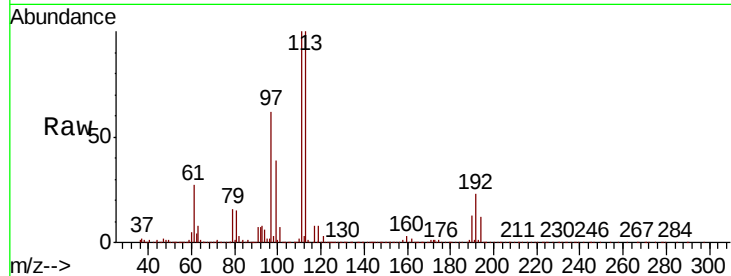
#35
Dibromofluoromethane
Concen: 48.963 ug/l
RT: 5.49 min Scan# 755
Delta R.T. -0.00 min
Lab File: VX014553.D
Acq: 10 Jan 2020 22:33

Instrument :
MSVOA_X
ClientSampleId :
VX0110WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
113	100	204733		
111	102.3	81.5	122.3	
192	23.8	19.2	28.8	

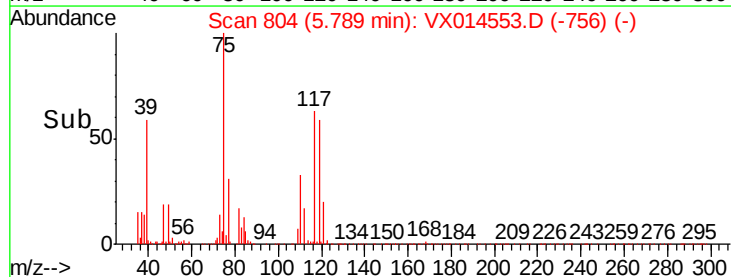
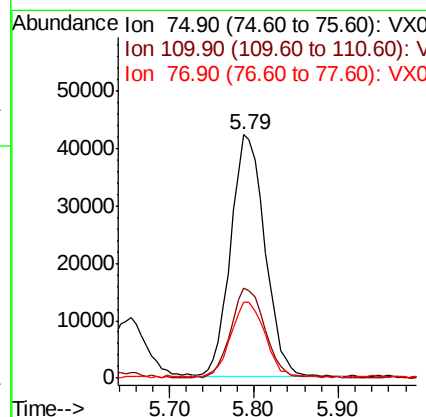
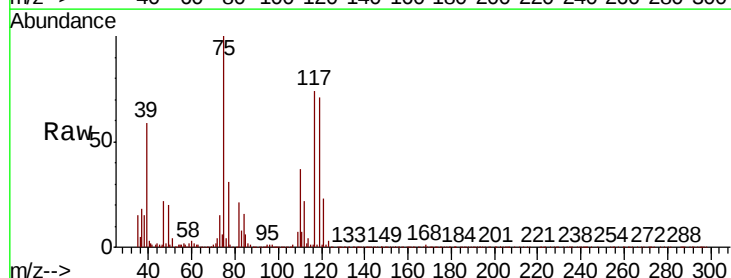
Manual Integrations
APPROVED

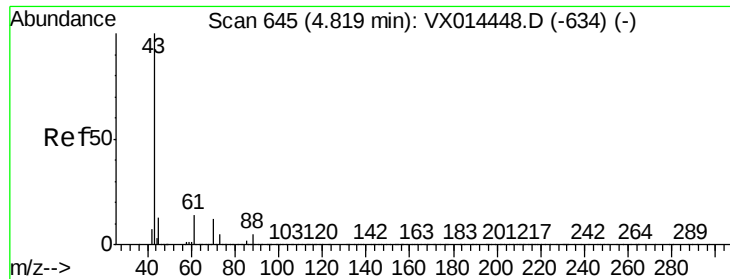
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#36
1,1-Dichloropropene
Concen: 17.893 ug/l
RT: 5.79 min Scan# 804
Delta R.T. -0.01 min
Lab File: VX014553.D
Acq: 10 Jan 2020 22:33

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	116226		
110	37.0	18.6	55.8	
77	30.9	24.5	36.7	





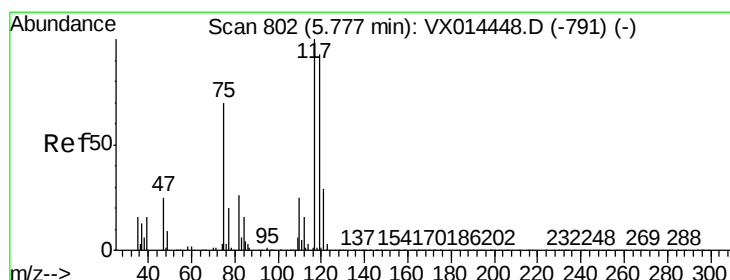
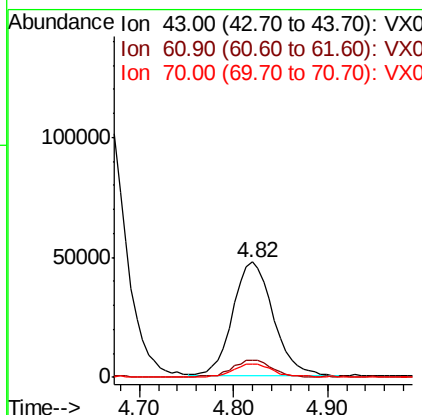
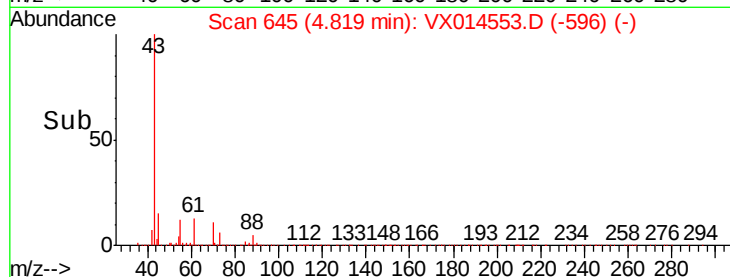
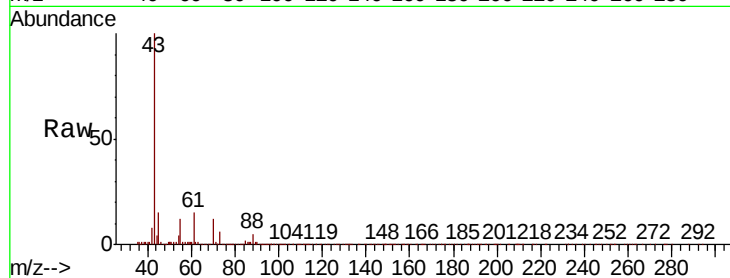
#37
Ethyl Acetate
Concen: 20.191 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX014553.D
Acq: 10 Jan 2020 22:33

Instrument :
MSVOA_X
ClientSampleId :
VX0110WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.4	11.1	16.7
70	11.0	8.9	13.3

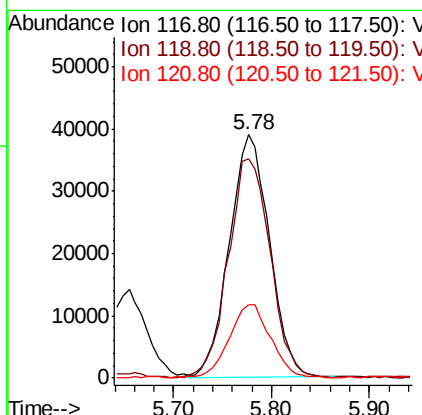
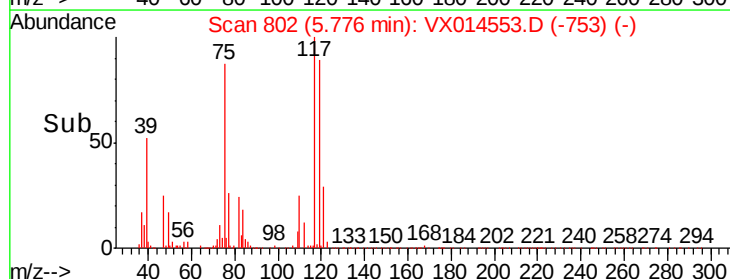
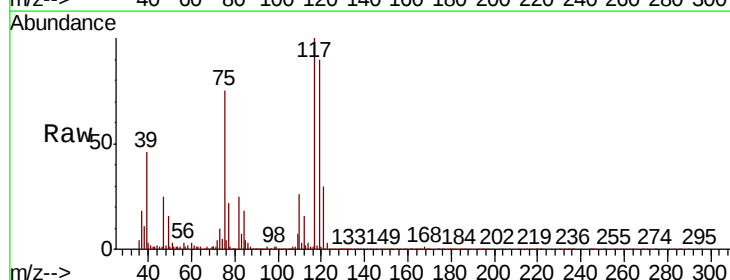
Manual Integrations
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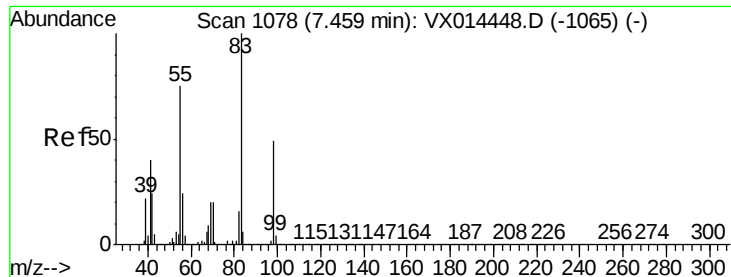
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#38
Carbon Tetrachloride
Concen: 18.495 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX014553.D
Acq: 10 Jan 2020 22:33

Tgt Ion	Ratio	Lower	Upper
117	100		
119	89.8	73.8	110.8
121	29.9	23.4	35.0





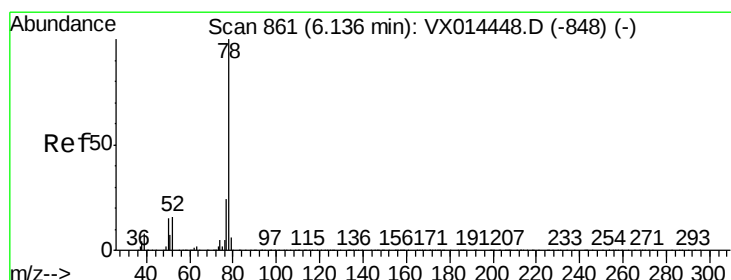
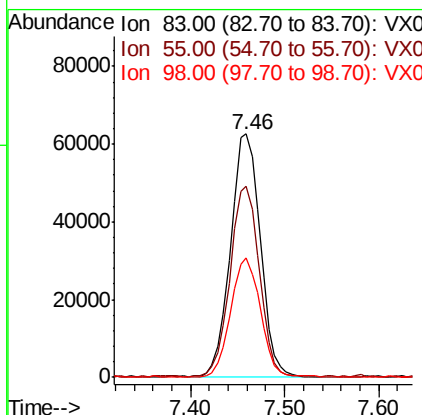
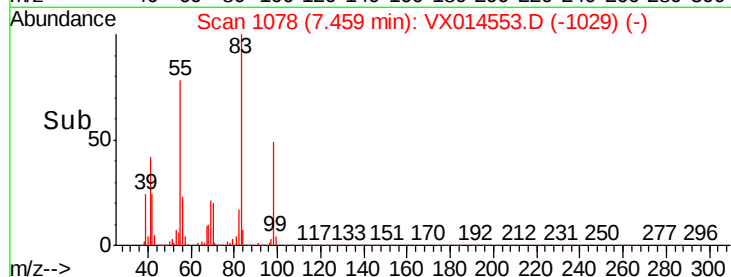
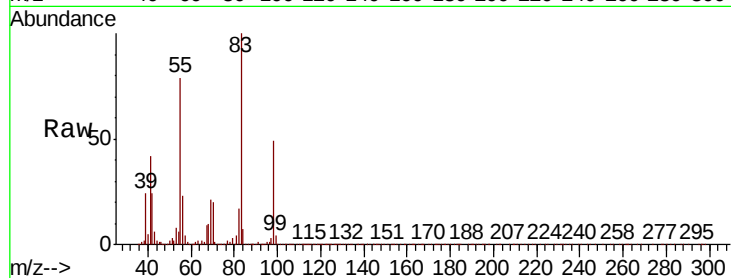
#39
Methvlcvclohexane
Concen: 17.017 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VX014553.D
Acq: 10 Jan 2020 22:33

Instrument :
MSVOA_X
ClientSampleId :
VX0110WBSD02

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.4	59.7	89.5
98	49.1	39.1	58.7

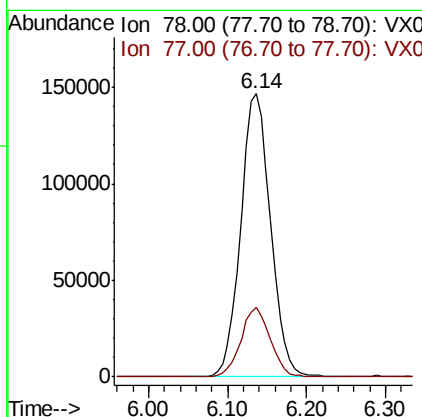
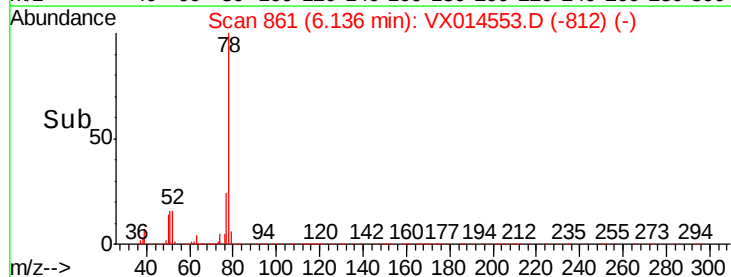
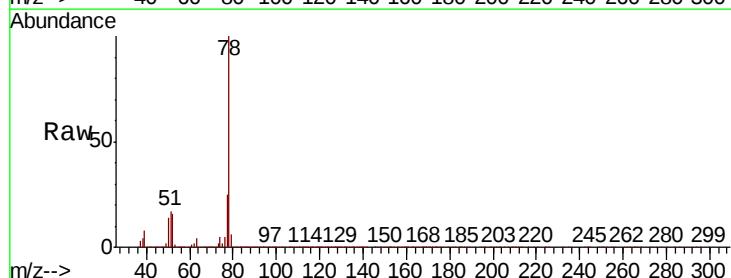
Manual Integrations
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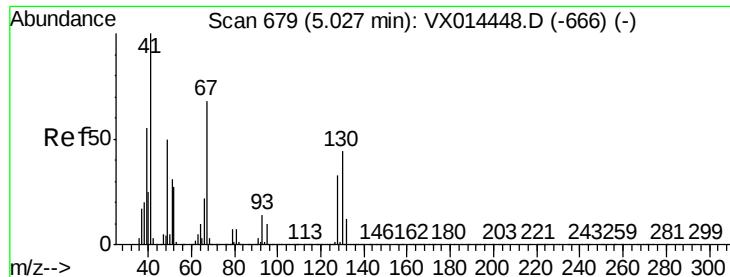
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#40
Benzene
Concen: 19.961 ug/l
RT: 6.14 min Scan# 861
Delta R.T. -0.00 min
Lab File: VX014553.D
Acq: 10 Jan 2020 22:33

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.6	19.5	29.3





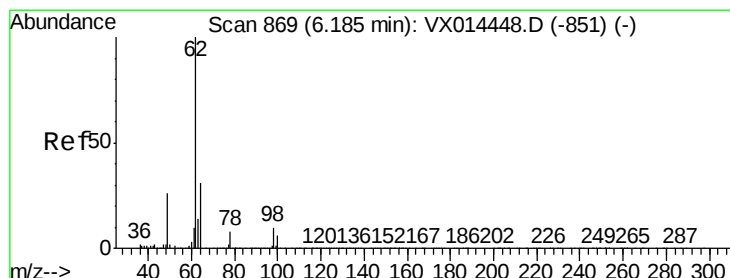
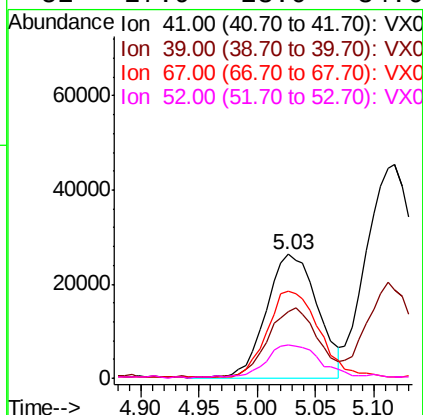
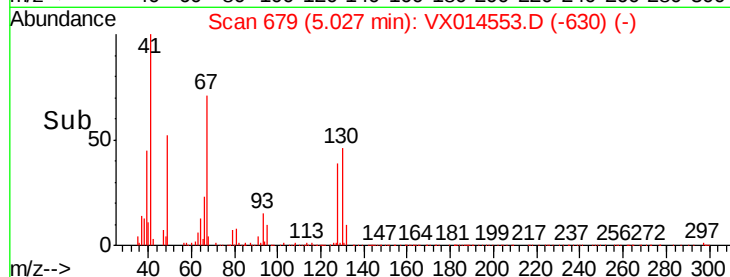
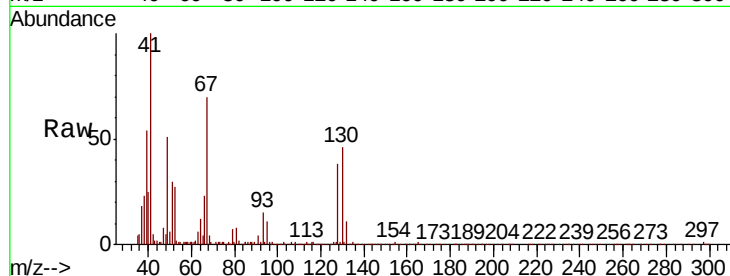
#41
Methacrylonitrile
Concen: 21.466 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.00 min
Lab File: VX014553.D
Acq: 10 Jan 2020 22:33

Instrument :
MSVOA_X
ClientSampleId :
VX0110WBSD02

Tot Ion	Ratio	Lower	Upper
41	100		
39	54.0	43.6	65.4
67	69.5	57.9	86.9
52	27.9	23.0	34.6

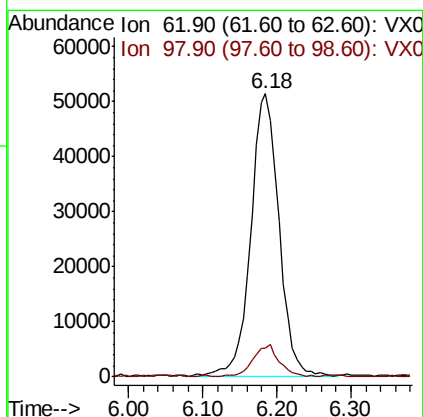
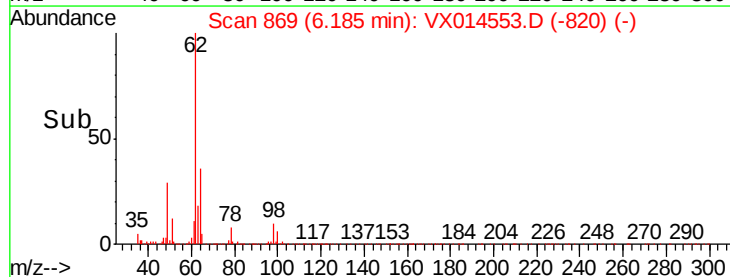
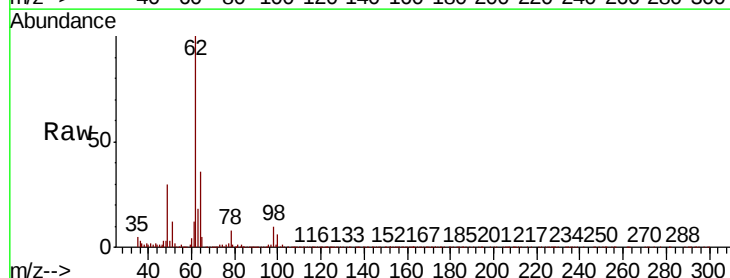
Manual Integrations
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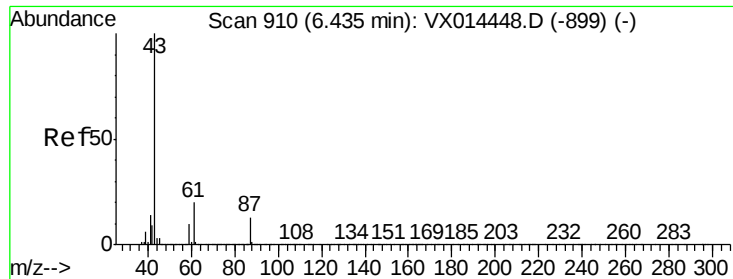
MMDadoda
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#42
1,2-Dichloroethane
Concen: 20.094 ug/l
RT: 6.18 min Scan# 869
Delta R.T. -0.00 min
Lab File: VX014553.D
Acq: 10 Jan 2020 22:33

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	20.4





#43

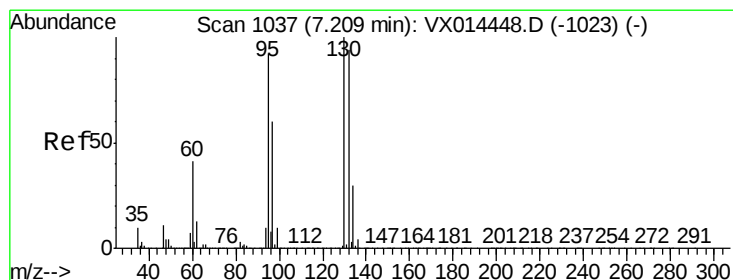
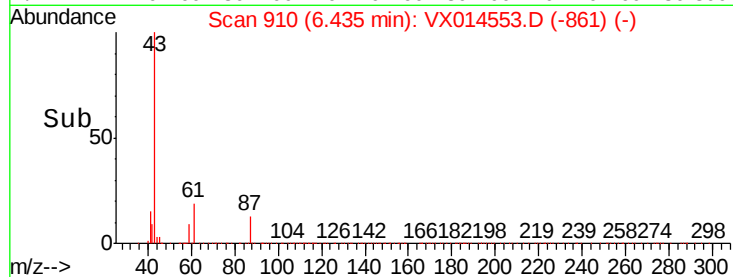
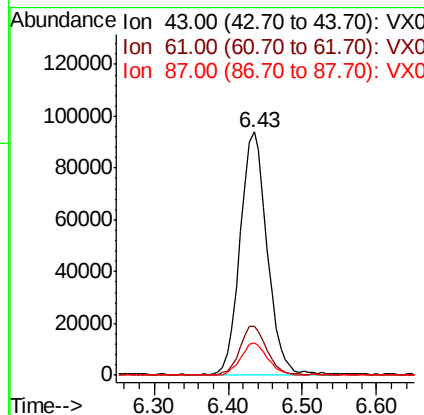
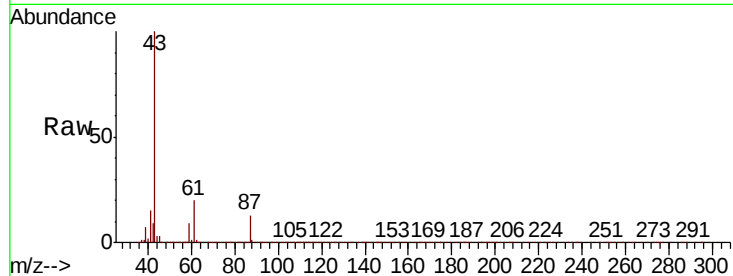
Isopropyl Acetate
 Concen: 21.012 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: VX014553.D
 Acq: 10 Jan 2020 22:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0110WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.5	16.6	24.8
87	12.8	10.8	16.2

Manual Integrations
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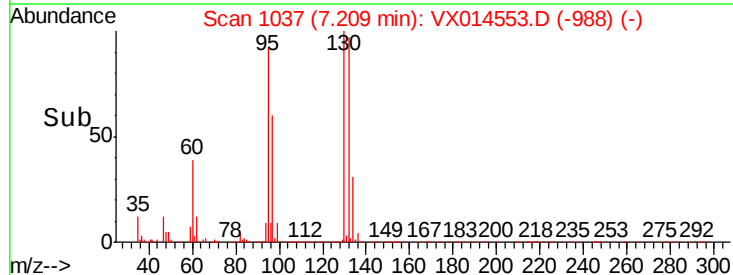
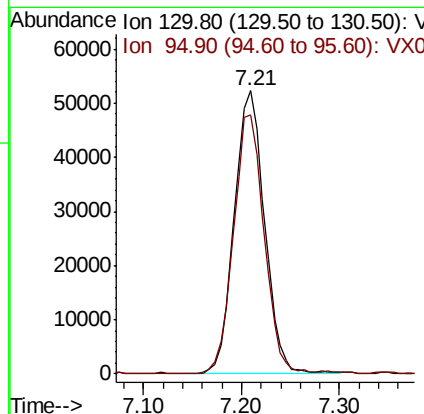
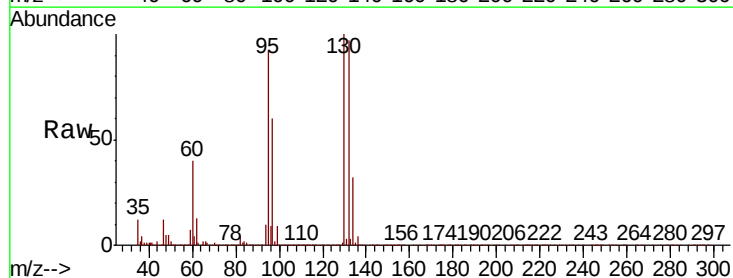
MMDadoda
 1/13/2020 11:34:17 AM

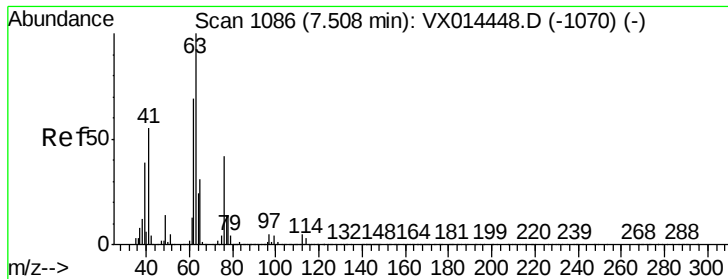


#44

Trichloroethene
 Concen: 20.213 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: VX014553.D
 Acq: 10 Jan 2020 22:33

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.6	0.0	184.2





#45

1,2-Dichloropropane

Concen: 20.227 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX014553.D

Acq: 10 Jan 2020 22:33

Instrument :

MSVOA_X

ClientSampleId :

VX0110WBSD02

Tot Ion: 63 Resp: 99419

Ion Ratio Lower Upper

63 100

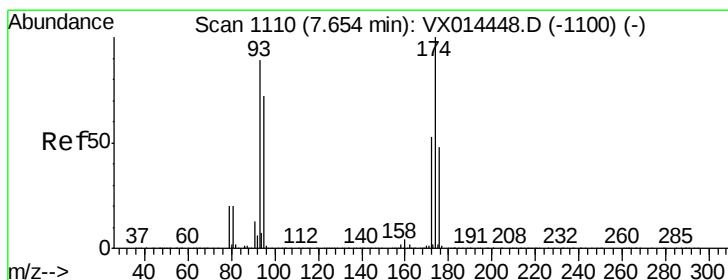
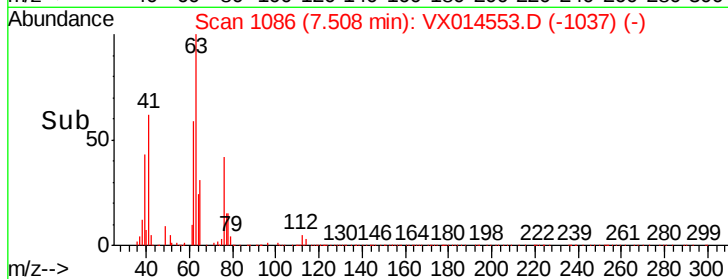
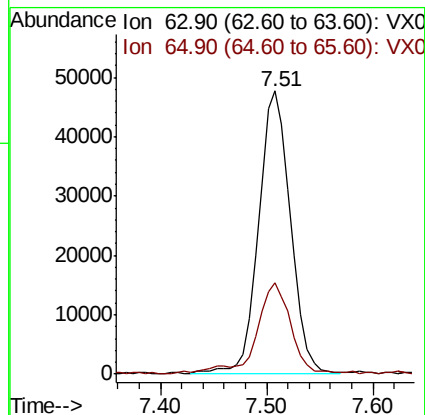
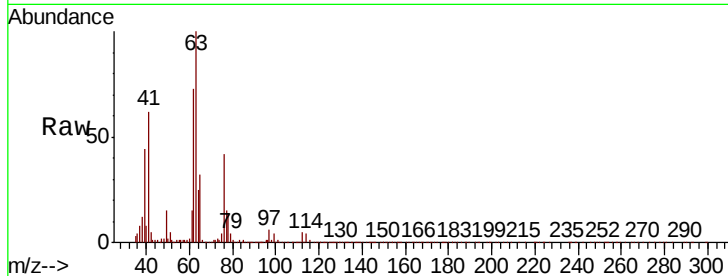
65 31.9 24.8 37.2

Manual Integrations

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#46

Dibromomethane

Concen: 19.612 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX014553.D

Acq: 10 Jan 2020 22:33

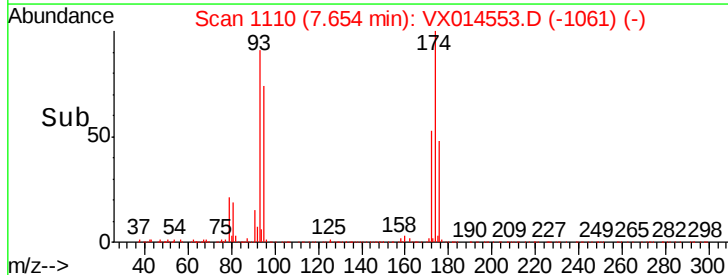
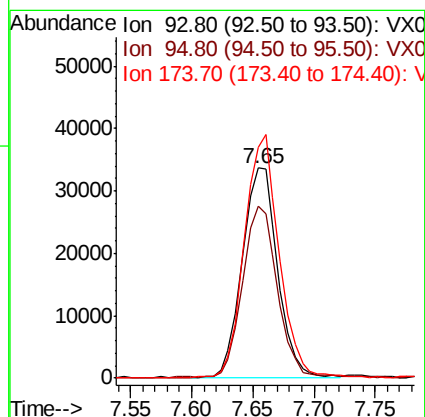
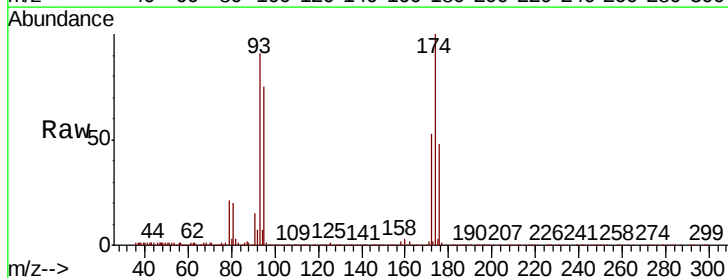
Tgt Ion: 93 Resp: 67281

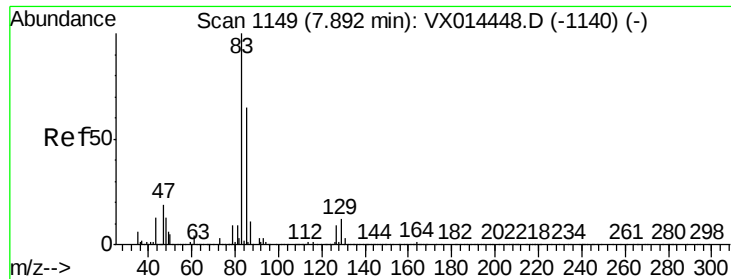
Ion Ratio Lower Upper

93 100

95 80.5 65.4 98.2

174 115.1 93.0 139.4





#47

Bromodichloromethane

Concen: 20.015 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX014553.D

Acq: 10 Jan 2020 22:33

Instrument :

MSVOA_X

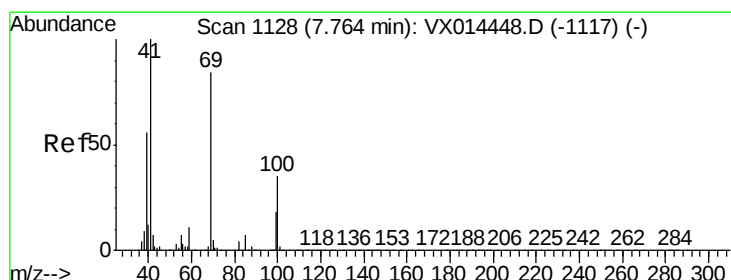
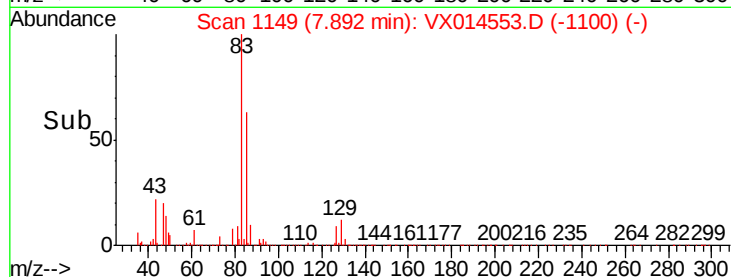
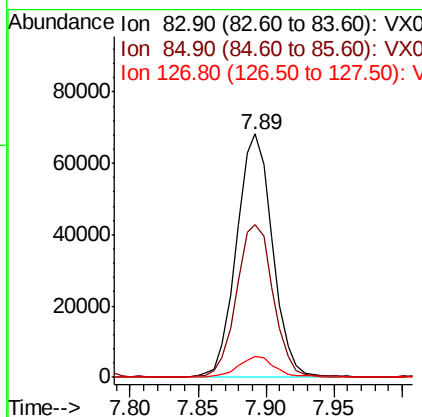
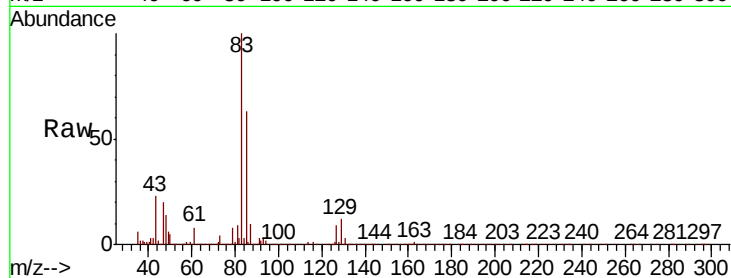
ClientSampleId :

VX0110WBSD02

Tot Ion:	83	Resp:	124943
Ion Ratio	Lower	Upper	
83	100		
85	62.7	51.7	77.5
127	8.5	7.1	10.7

Manual Integrations
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#48

Methyl methacrylate

Concen: 20.865 ug/l

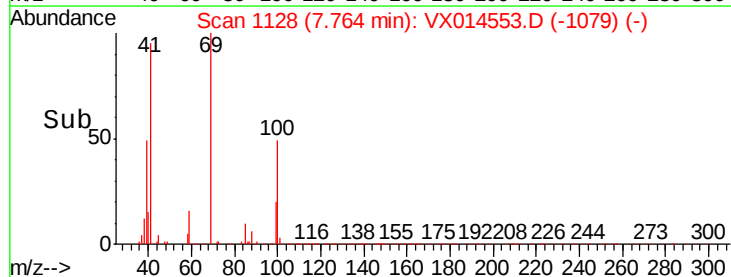
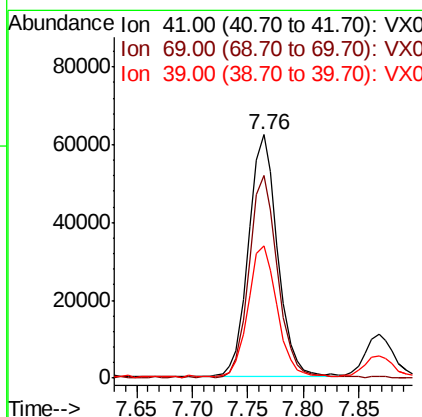
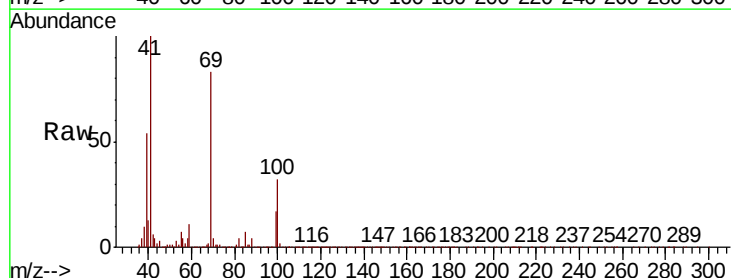
RT: 7.76 min Scan# 1128

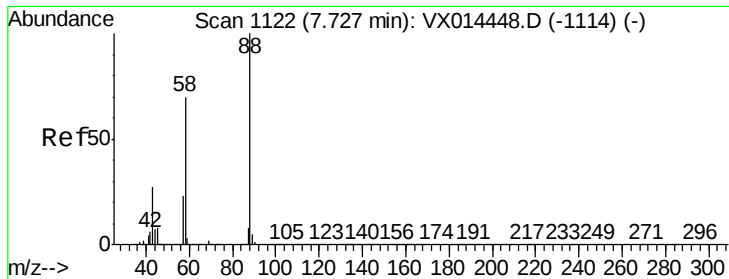
Delta R.T. -0.00 min

Lab File: VX014553.D

Acq: 10 Jan 2020 22:33

Tgt Ion:	41	Resp:	113902
Ion Ratio	Lower	Upper	
41	100		
69	81.6	65.5	98.3
39	54.3	43.9	65.9





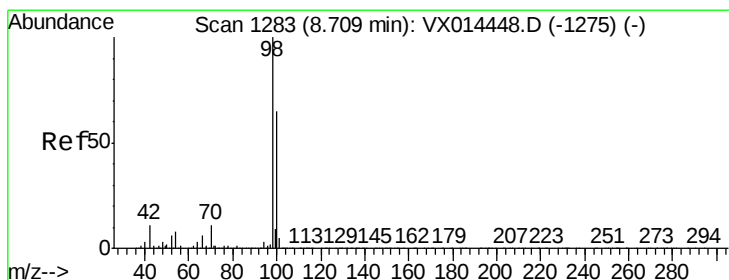
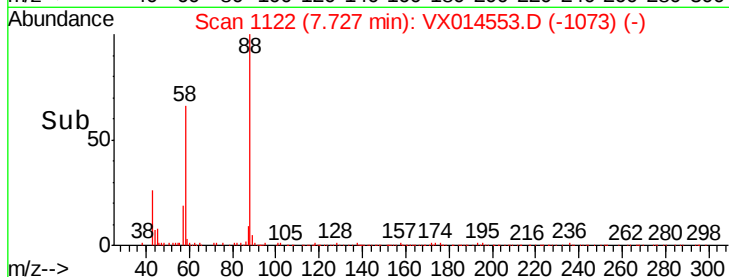
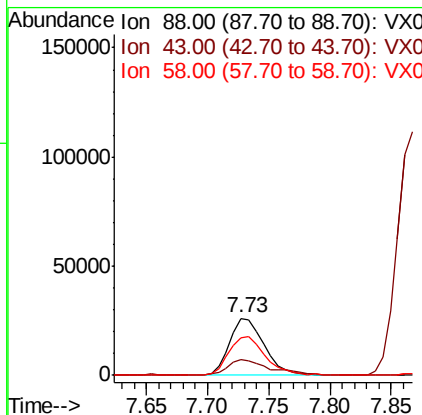
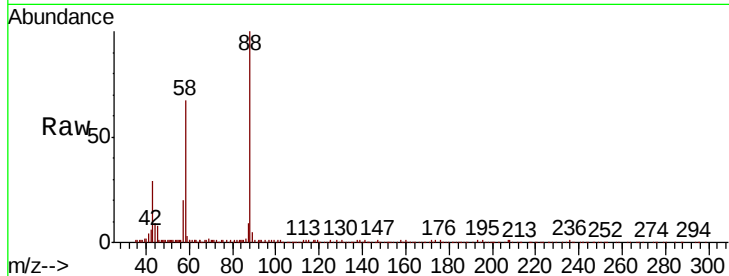
#49
1,4-Dioxane
Concen: 437.677 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.00 min
Lab File: VX014553.D
Acq: 10 Jan 2020 22:33

Instrument :
MSVOA_X
ClientSampleId :
VX0110WBSD02

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.5	27.4	41.0
58	70.5	57.1	85.7

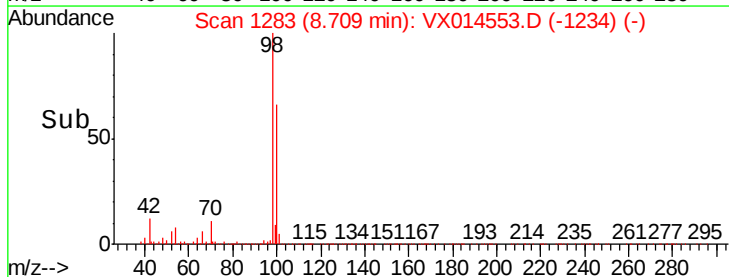
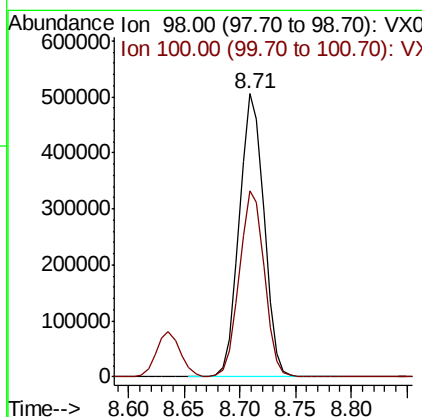
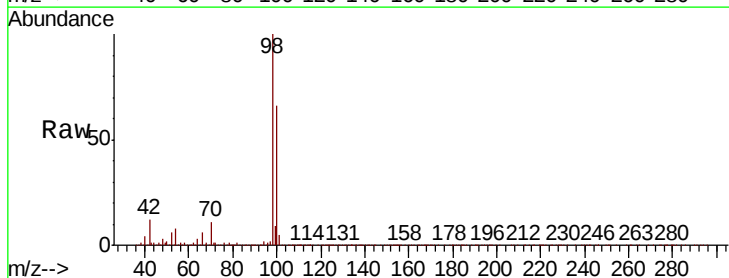
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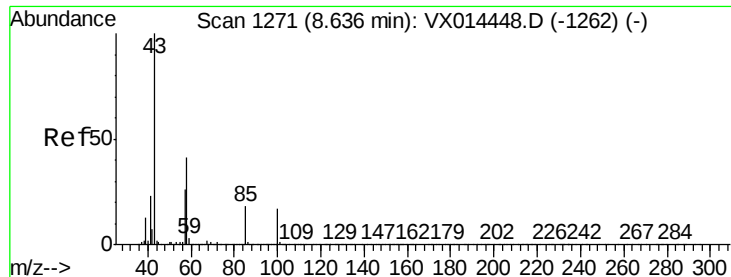
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#50
Toluene-d8
Concen: 47.991 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX014553.D
Acq: 10 Jan 2020 22:33

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.3	53.2	79.8





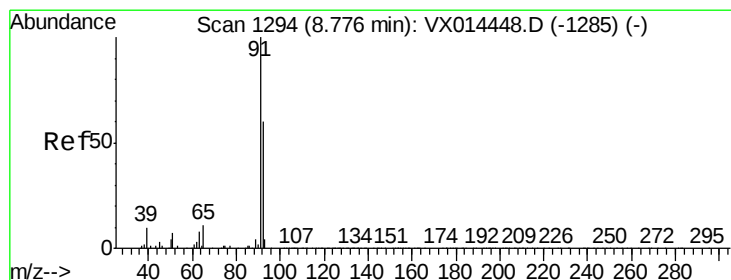
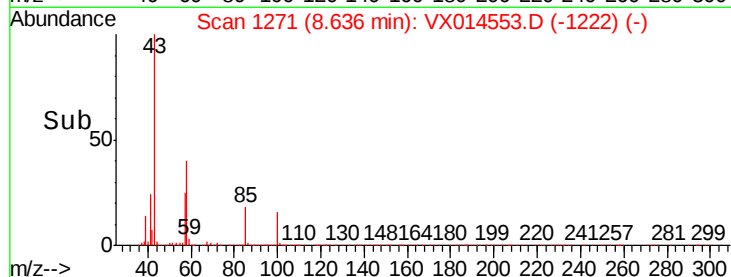
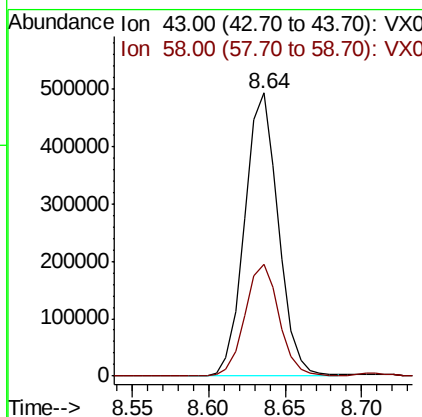
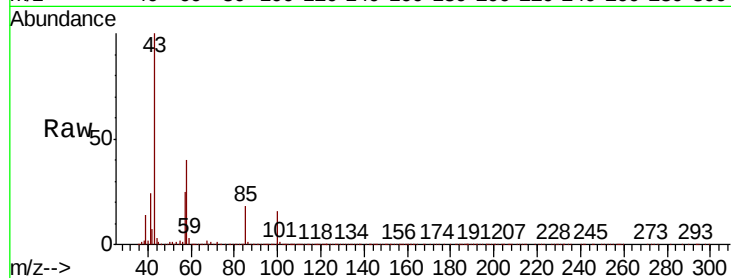
#51
4-Methyl-2-Pentanone
Concen: 108.541 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VX014553.D
Acq: 10 Jan 2020 22:33

Instrument :
MSVOA_X
ClientSampleId :
VX0110WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
58	39.9	32.4	48.6

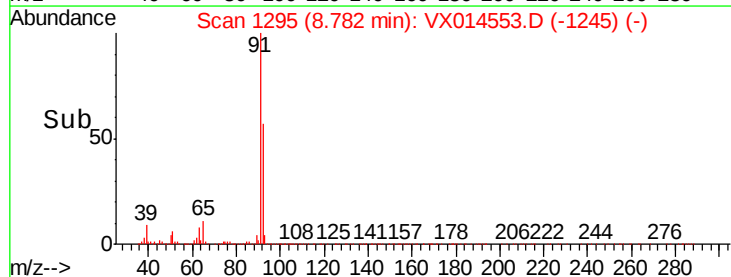
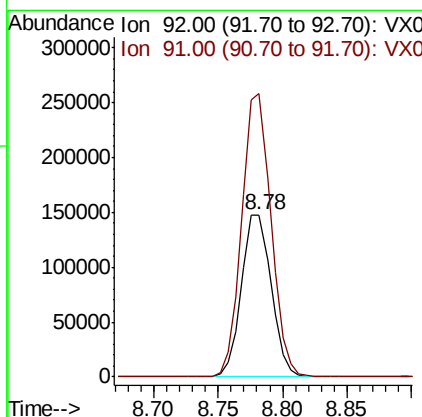
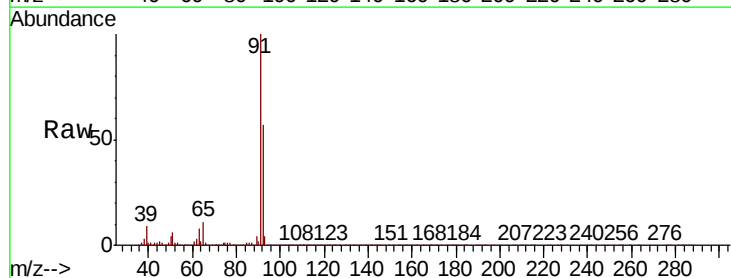
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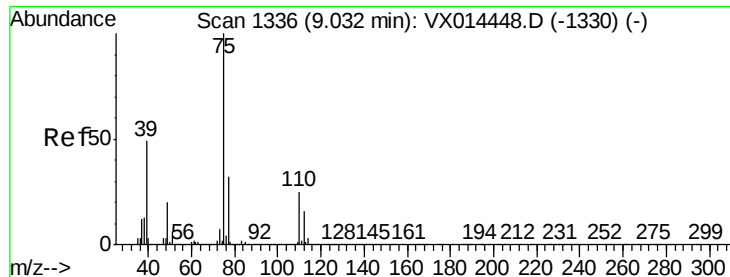
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#52
Toluene
Concen: 19.104 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. 0.01 min
Lab File: VX014553.D
Acq: 10 Jan 2020 22:33

Tgt Ion	Ratio	Lower	Upper
92	100		
91	172.0	135.7	203.5





#53

t-1,3-Dichloropropene

Concen: 18.810 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.01 min

Lab File: VX014553.D

Acq: 10 Jan 2020 22:33

Instrument :

MSVOA_X

ClientSampleId :

VX0110WBSD02

Tot Ion: 75 Resp: 136704

Ion Ratio Lower Upper

75 100

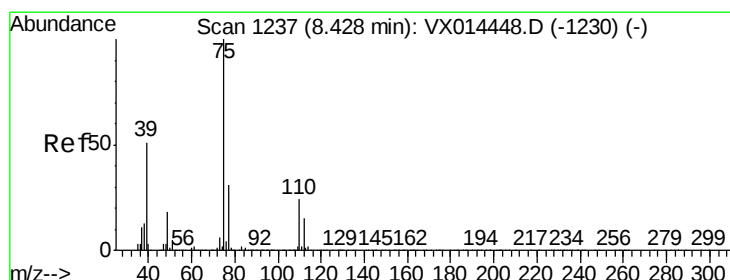
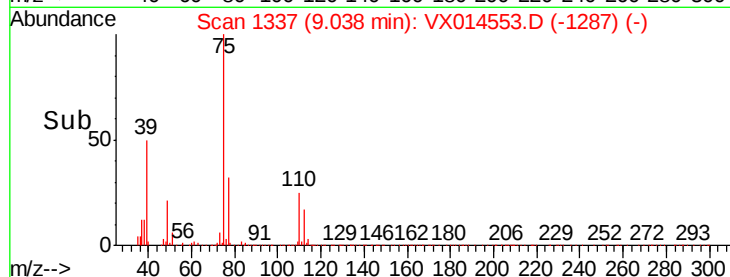
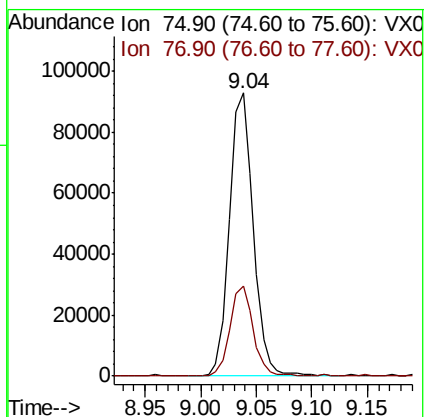
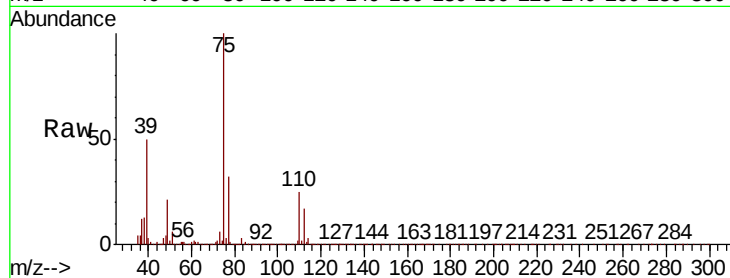
77 31.6 25.4 38.2

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#54

cis-1,3-Dichloropropene

Concen: 18.957 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX014553.D

Acq: 10 Jan 2020 22:33

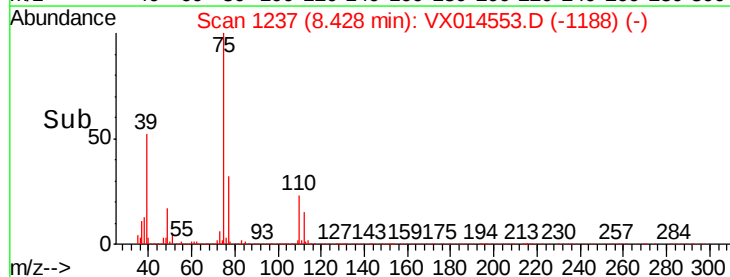
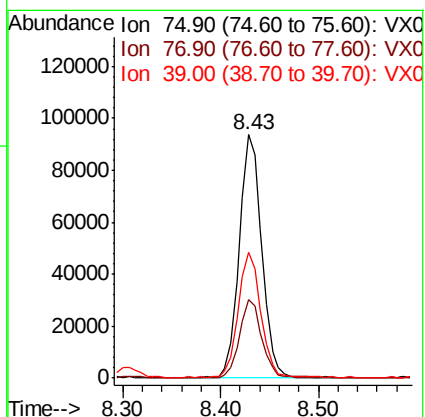
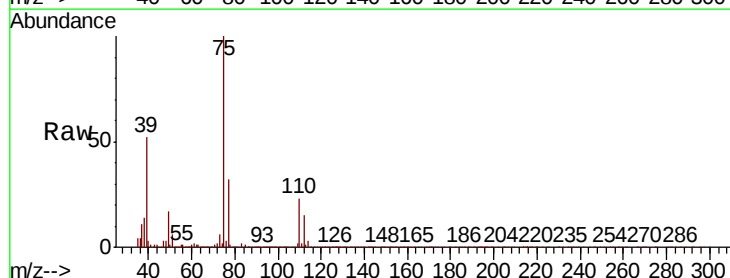
Tgt Ion: 75 Resp: 148827

Ion Ratio Lower Upper

75 100

77 32.1 25.0 37.4

39 51.5 40.7 61.1





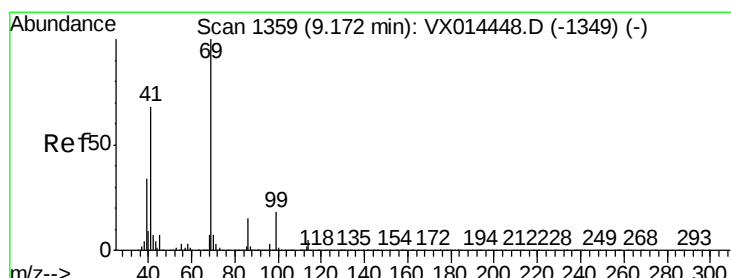
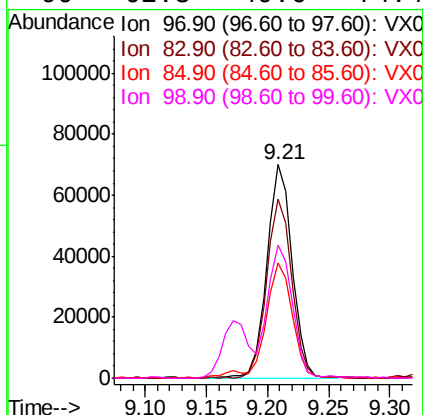
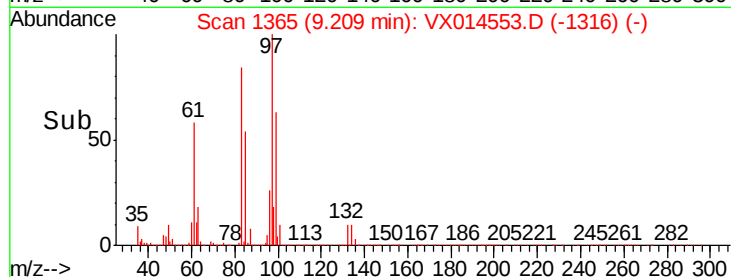
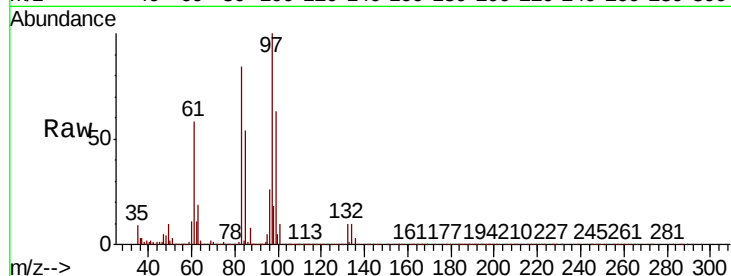
#55
 1,1,2-Trichloroethane
 Concen: 20.085 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX014553.D
 Acq: 10 Jan 2020 22:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0110WBSD02

Tot Ion	Ratio	Lower	Upper
97	100		
83	83.7	66.4	99.6
85	53.7	43.4	65.2
99	62.3	49.6	74.4

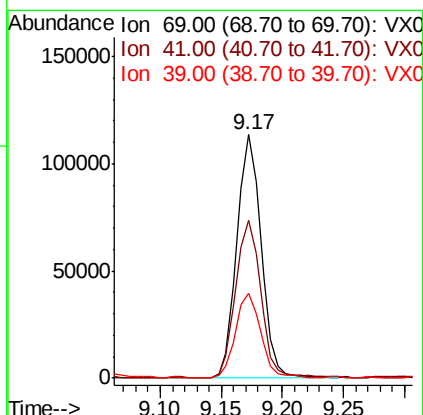
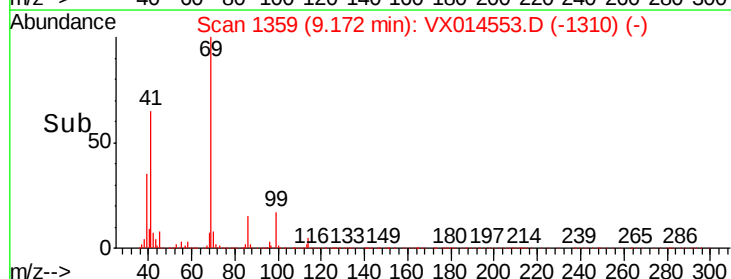
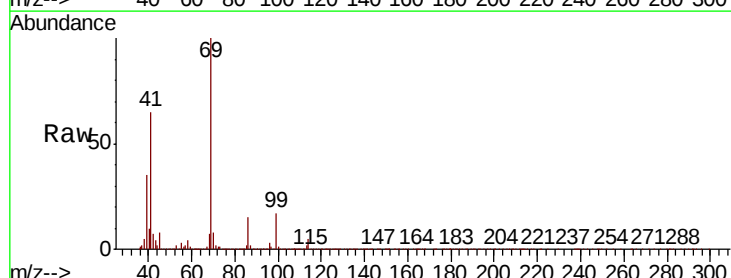
Manual Integrations
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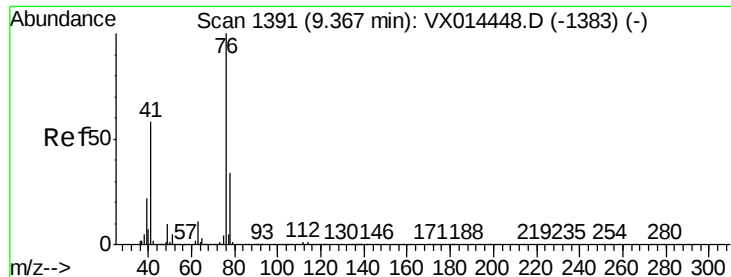
MMDadoda
 1/13/2020 11:34:17 AM



#56
 Ethyl methacrylate
 Concen: 20.506 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX014553.D
 Acq: 10 Jan 2020 22:33

Tgt Ion	Ratio	Lower	Upper
69	100		
41	67.1	54.2	81.2
39	35.3	28.2	42.2





#57

1,3-Dichloropropane

Concen: 20.588 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX014553.D

Acq: 10 Jan 2020 22:33

Instrument :

MSVOA_X

ClientSampleId :

VX0110WBSD02

Tot Ion: 76 Resp: 170639

Ion Ratio Lower Upper

76 100

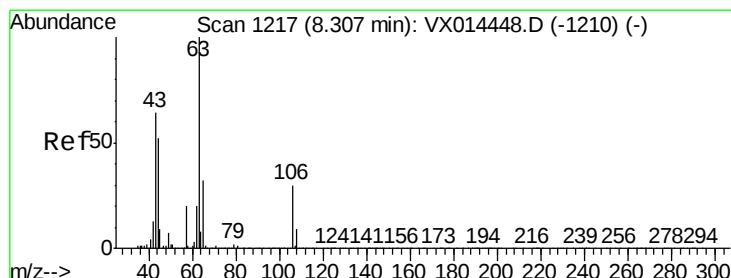
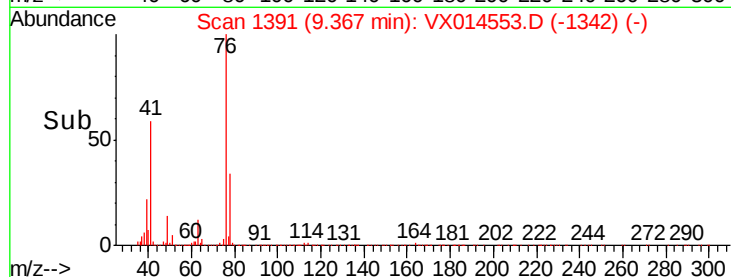
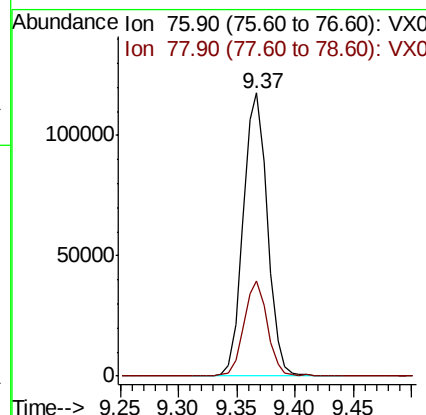
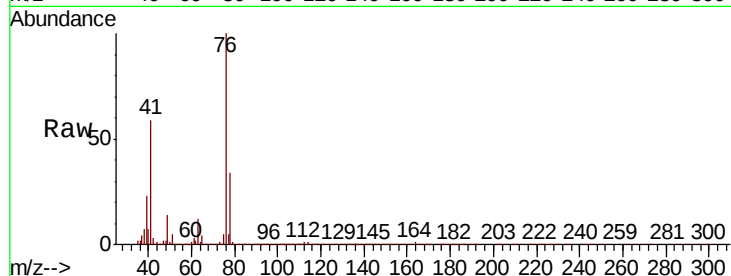
78 32.2 26.4 39.6

Manual Integrations

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MMDadoda

1/13/2020 11:34:17 AM



#58

2-Chloroethyl Vinyl ether

Concen: 106.173 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX014553.D

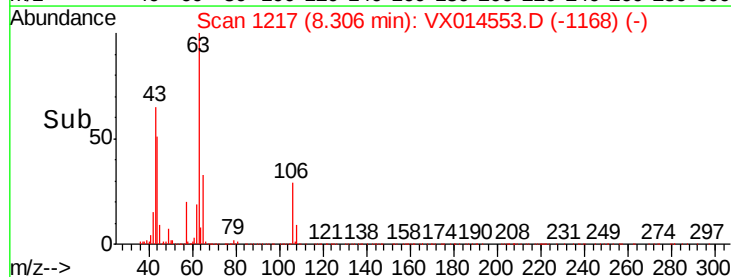
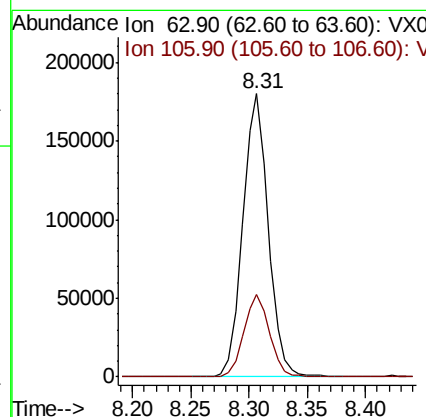
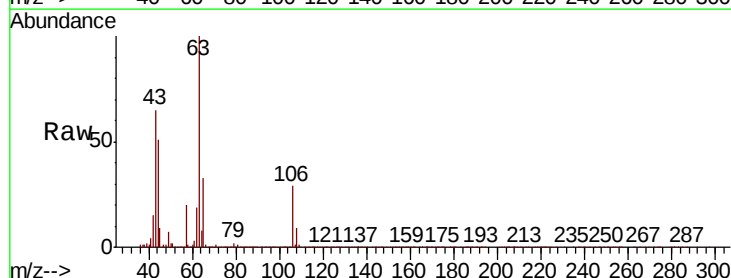
Acq: 10 Jan 2020 22:33

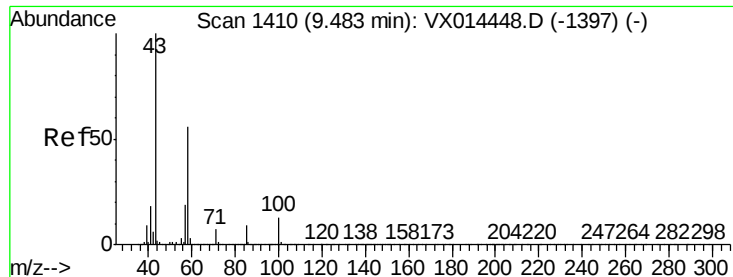
Tgt Ion: 63 Resp: 274343

Ion Ratio Lower Upper

63 100

106 29.1 23.6 35.4





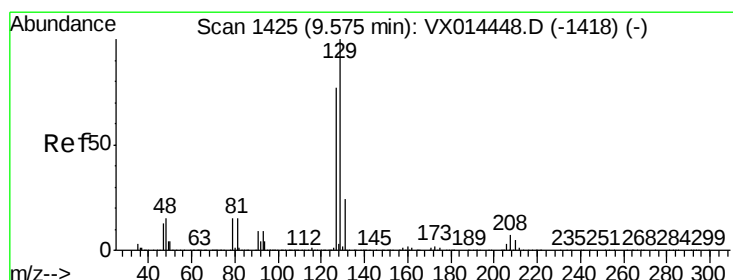
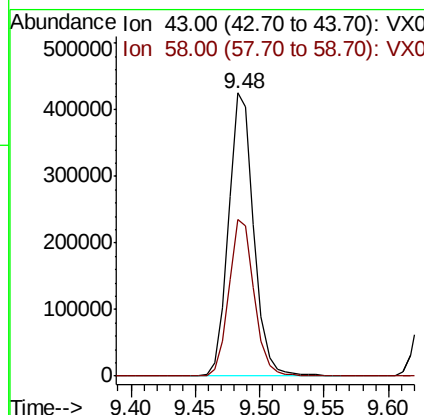
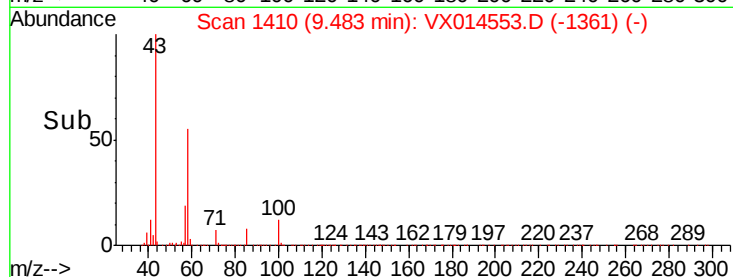
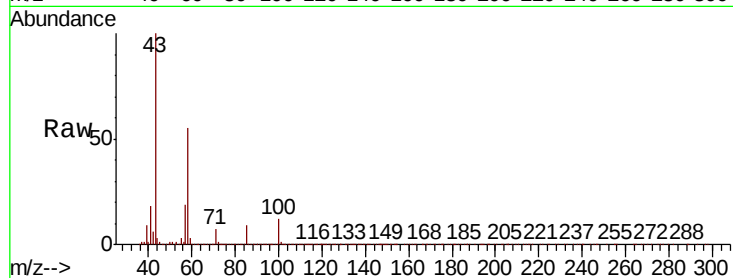
#59
2-Hexanone
Concen: 106.402 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX014553.D
Acq: 10 Jan 2020 22:33

Instrument :
MSVOA_X
ClientSampleId :
VX0110WBSD02

Tot Ion: 43 Resp: 584757
Ion Ratio Lower Upper
43 100
58 55.7 27.9 83.7

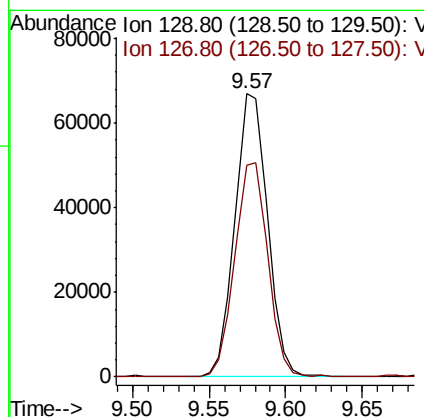
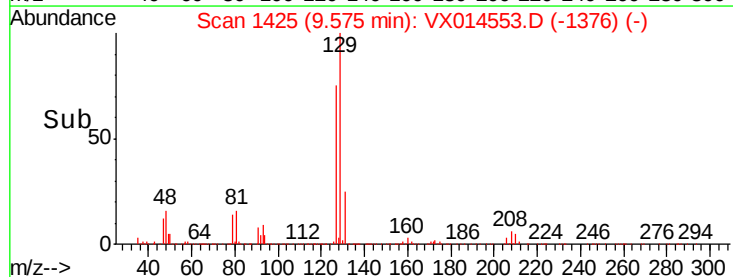
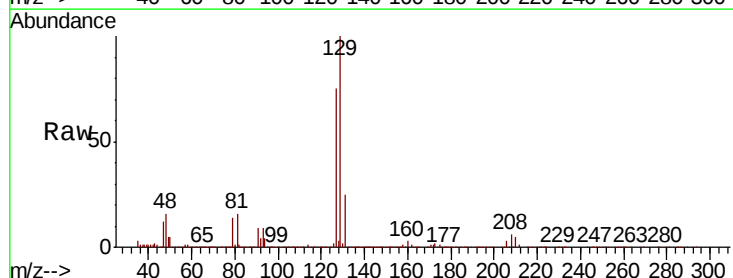
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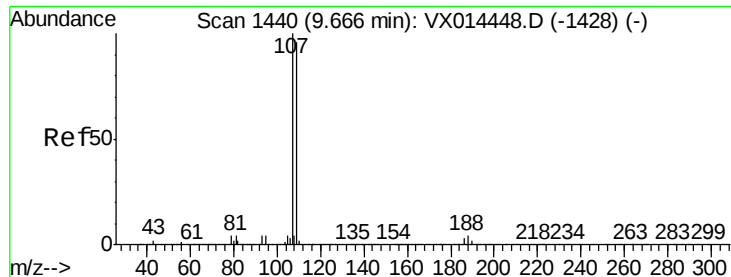
MMDadoda
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#60
Dibromochloromethane
Concen: 19.962 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX014553.D
Acq: 10 Jan 2020 22:33

Tgt Ion: 129 Resp: 99461
Ion Ratio Lower Upper
129 100
127 76.2 38.6 116.0





#61

1,2-Dibromoethane

Concen: 20.081 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX014553.D

Acq: 10 Jan 2020 22:33

Instrument :

MSVOA_X

ClientSampleId :

VX0110WBSD02

Tot Ion: 107 Resp: 105445

Ion Ratio Lower Upper

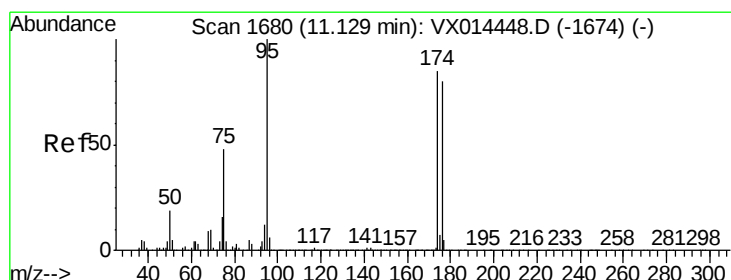
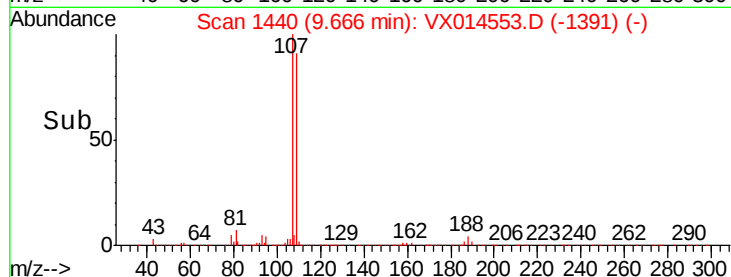
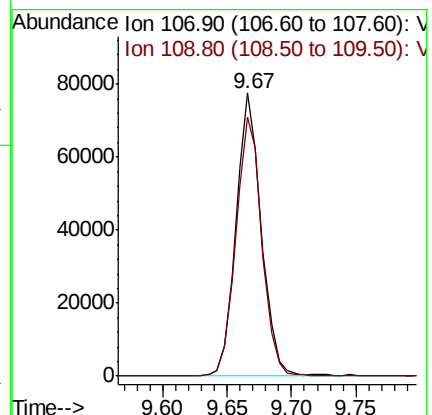
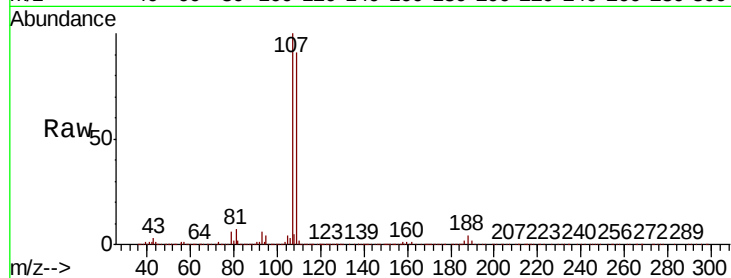
107 100

109 94.6 76.5 114.7

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#62

4-Bromofluorobenzene

Concen: 45.117 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX014553.D

Acq: 10 Jan 2020 22:33

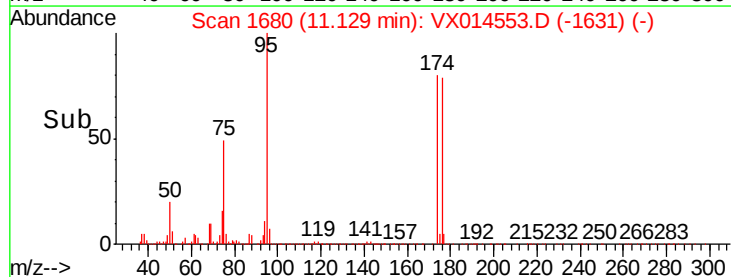
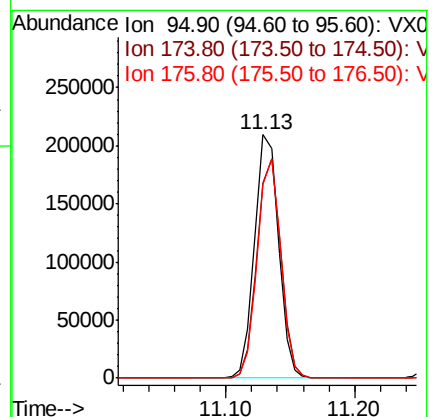
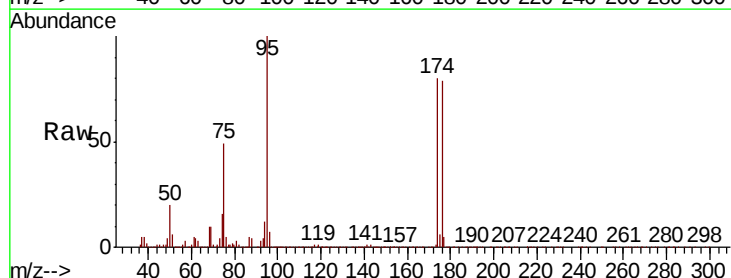
Tgt Ion: 95 Resp: 268759

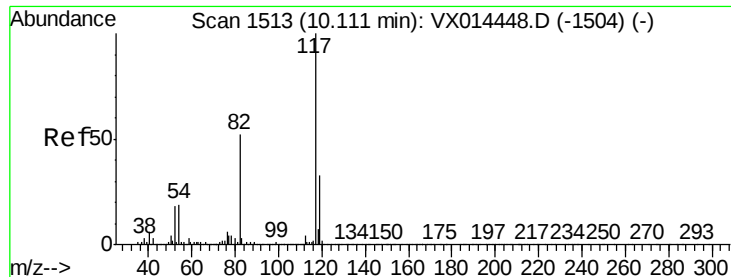
Ion Ratio Lower Upper

95 100

174 89.7 0.0 180.8

176 87.8 0.0 172.8





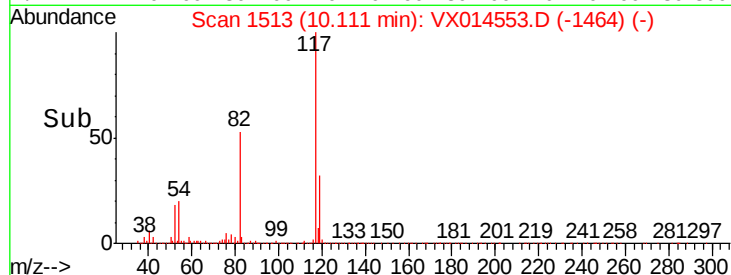
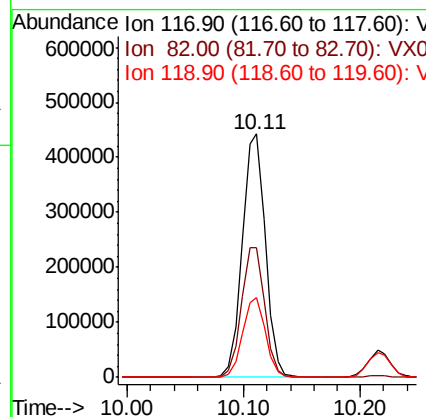
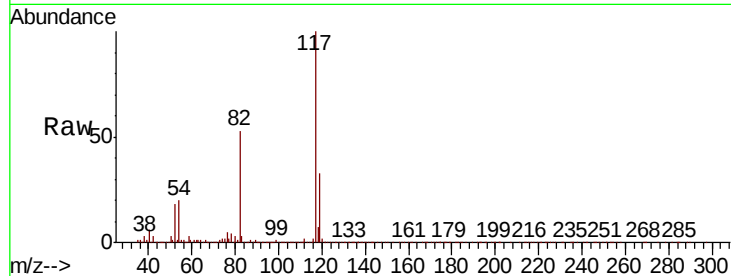
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX014553.D
Acq: 10 Jan 2020 22:33

Instrument :
MSVOA_X
ClientSampleId :
VX0110WBSD02

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.1	41.8	62.6
119	32.5	26.2	39.4

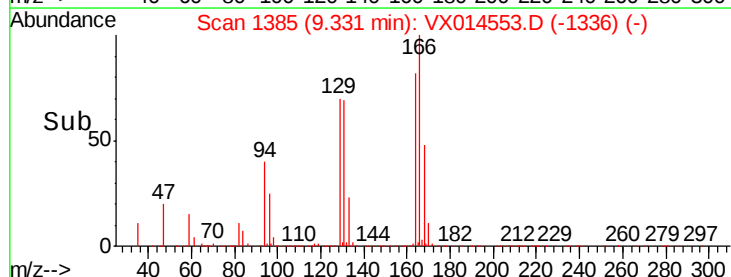
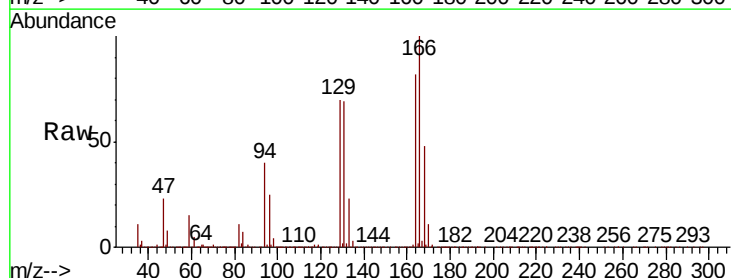
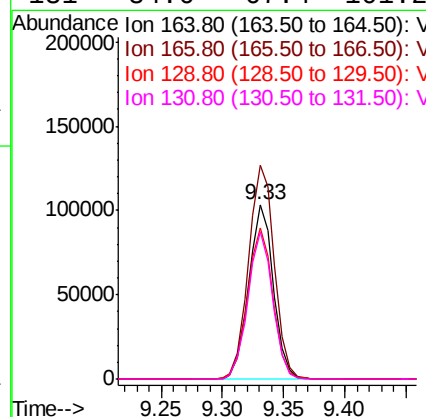
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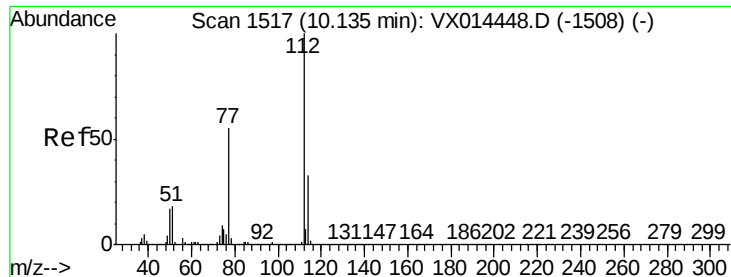
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#64
Tetrachloroethene
Concen: 23.673 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX014553.D
Acq: 10 Jan 2020 22:33

Tgt Ion	Ratio	Lower	Upper
164	100		
166	122.3	101.2	151.8
129	86.1	68.3	102.5
131	84.6	67.4	101.2





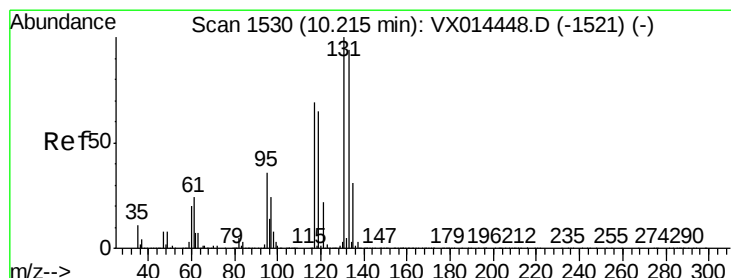
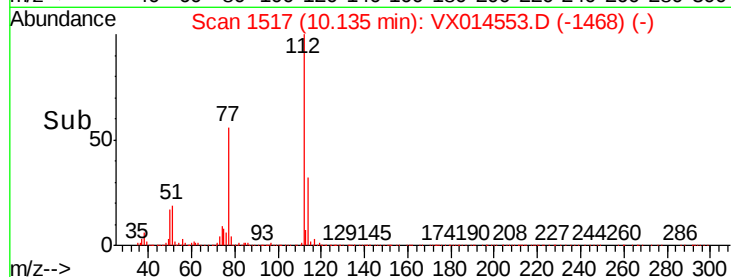
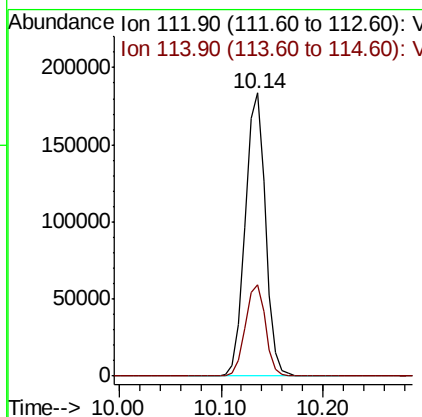
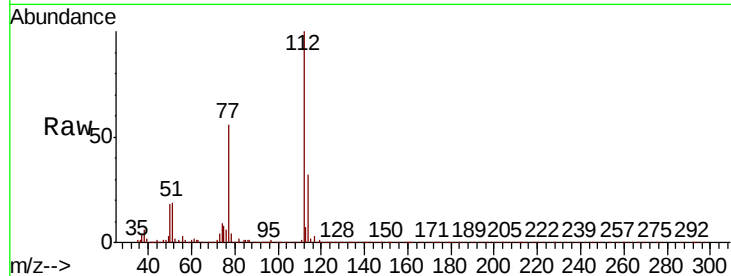
#65
Chlorobenzene
Concen: 19.035 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX014553.D
Acq: 10 Jan 2020 22:33

Instrument :
MSVOA_X
ClientSampleId :
VX0110WBSD02

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.3	26.2	39.4

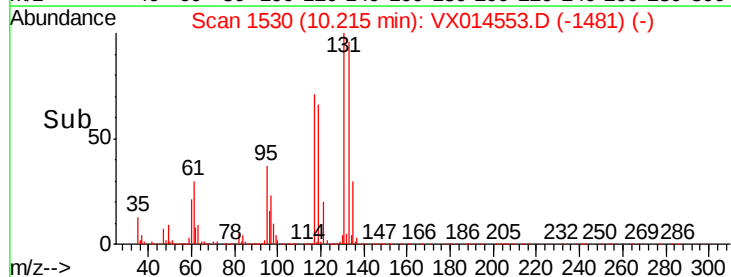
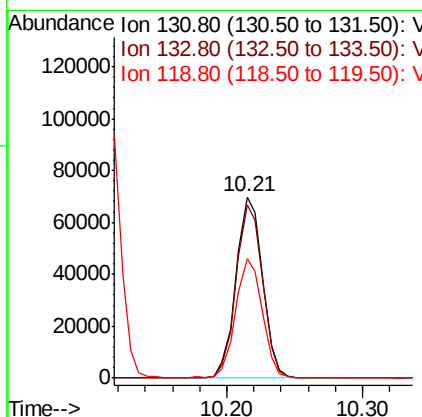
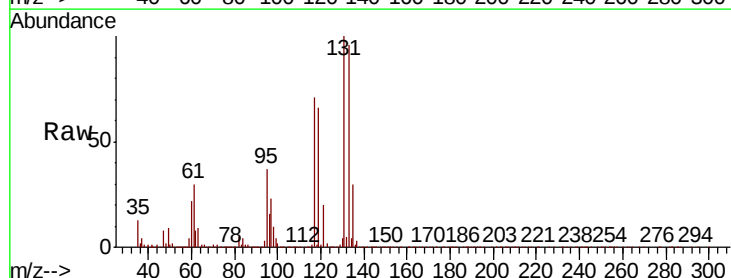
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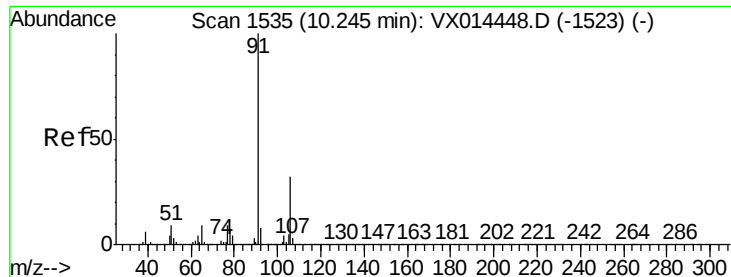
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.184 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX014553.D
Acq: 10 Jan 2020 22:33

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.0	47.3	142.0
119	65.6	32.8	98.4





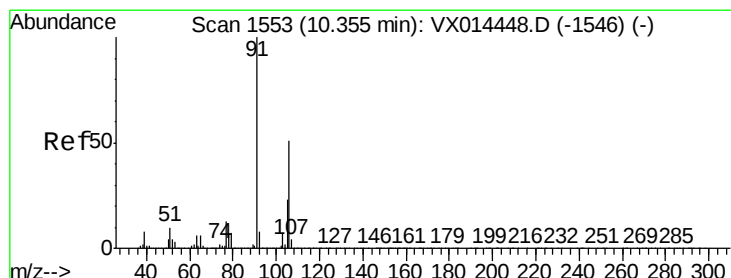
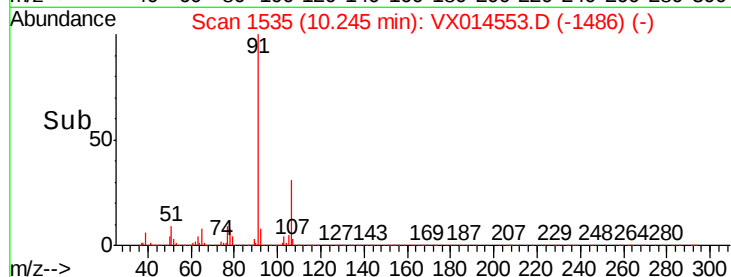
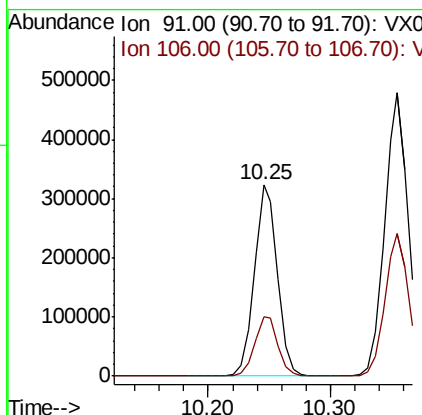
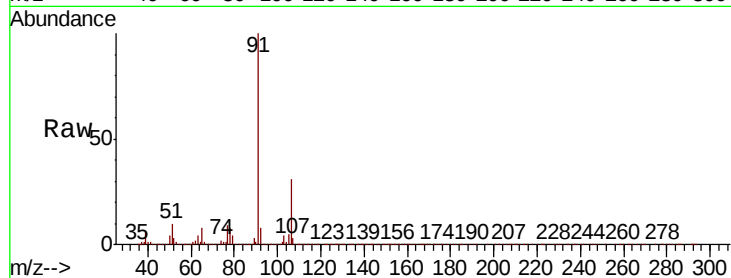
#67
Ethyl Benzene
Concen: 18.796 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX014553.D
Acq: 10 Jan 2020 22:33

Instrument :
MSVOA_X
ClientSampleID :
VX0110WBSD02

Tot Ion	Ratio	Lower	Upper
91	100		
106	31.2	25.6	38.4

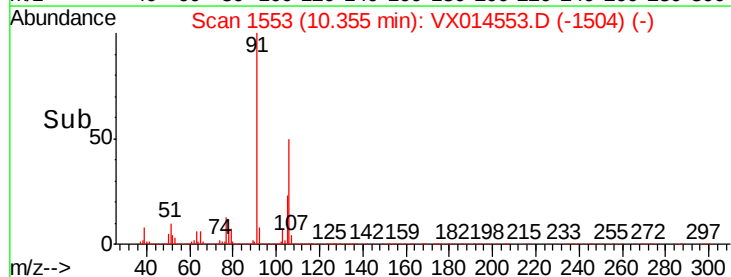
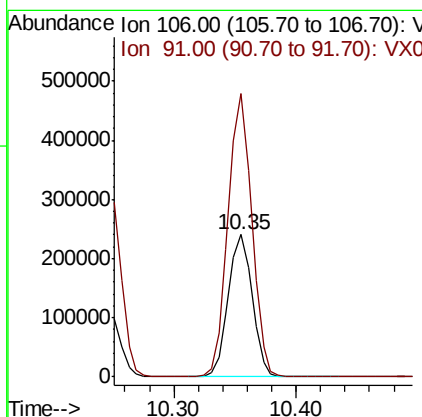
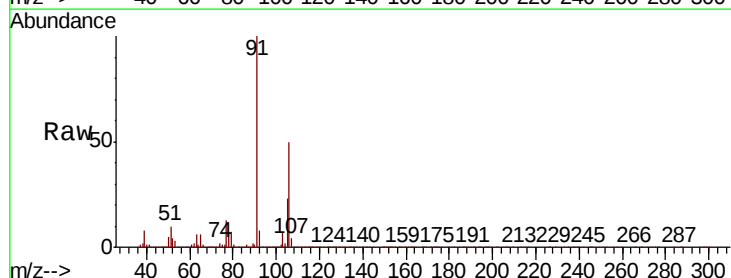
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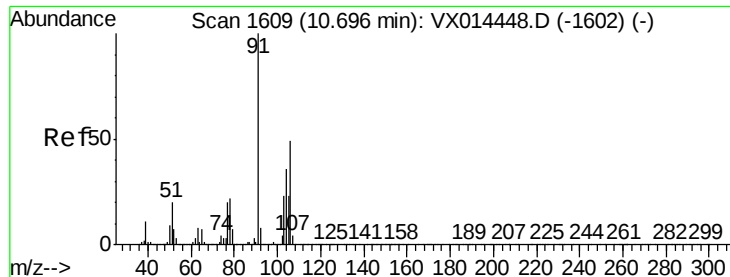
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#68
m/p-Xylenes
Concen: 37.633 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX014553.D
Acq: 10 Jan 2020 22:33

Tgt Ion	Ratio	Lower	Upper
106	100		
91	196.6	157.4	236.0





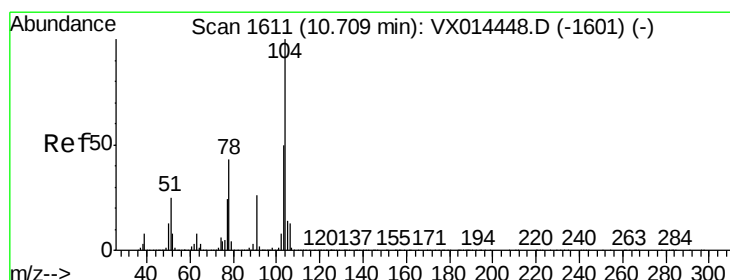
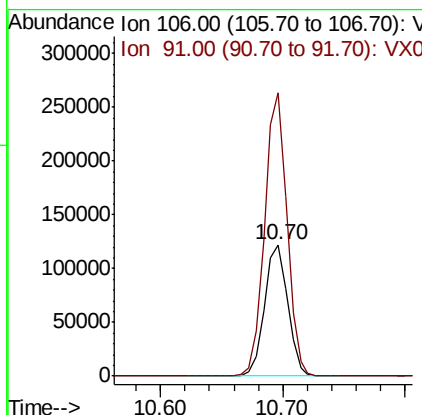
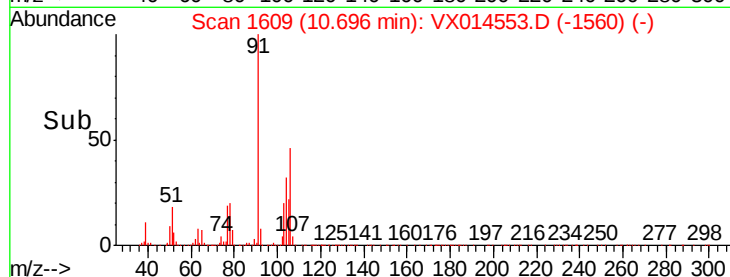
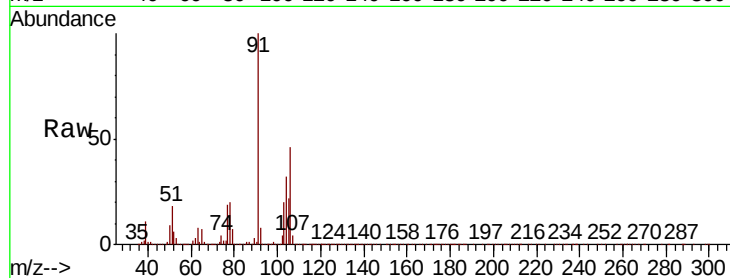
#69
o-Xylene
Concen: 19.457 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX014553.D
Acq: 10 Jan 2020 22:33

Instrument :
MSVOA_X
ClientSampleId :
VX0110WBSD02

Tot Ion	Ratio	Lower	Upper
106	100		
91	207.9	105.1	315.1

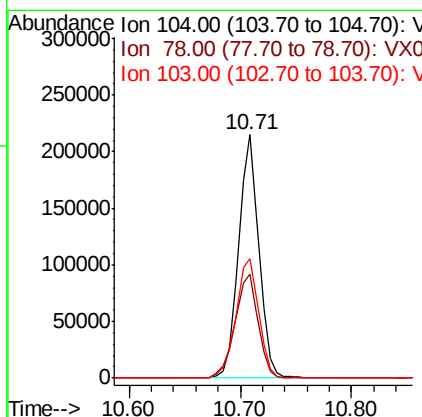
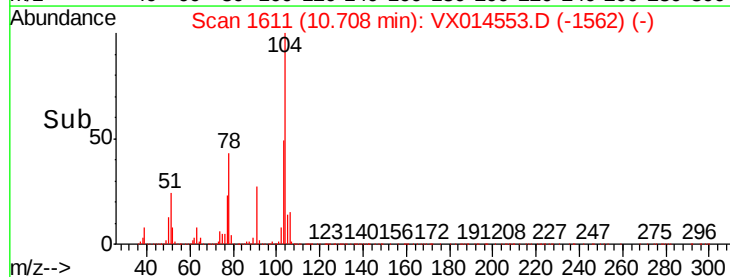
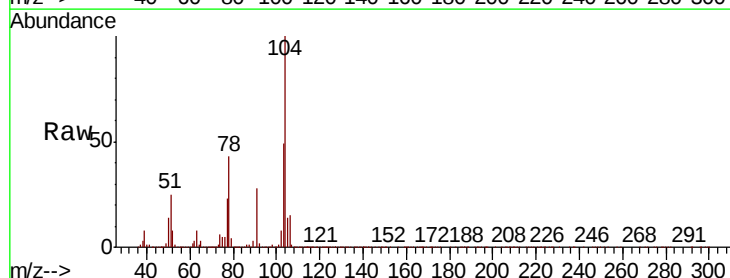
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#70
Styrene
Concen: 18.872 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX014553.D
Acq: 10 Jan 2020 22:33

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.3	38.6	58.0
103	55.0	43.7	65.5





#71

Bromoform

Concen: 19.514 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.01 min

Lab File: VX014553.D

Acq: 10 Jan 2020 22:33

Instrument :

MSVOA_X

ClientSampleId :

VX0110WBSD02

Tot Ion:173 Resp: 75531

Ion Ratio Lower Upper

173 100

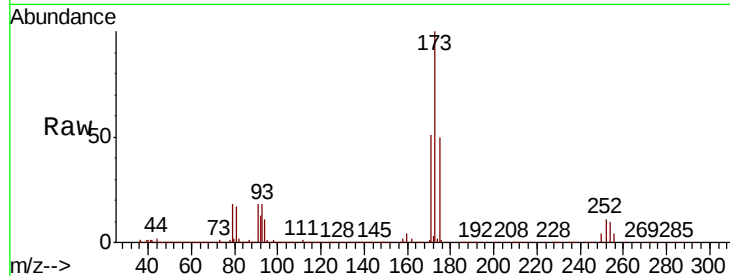
175 49.3 24.3 72.8

254 0.5 0.2 0.2#

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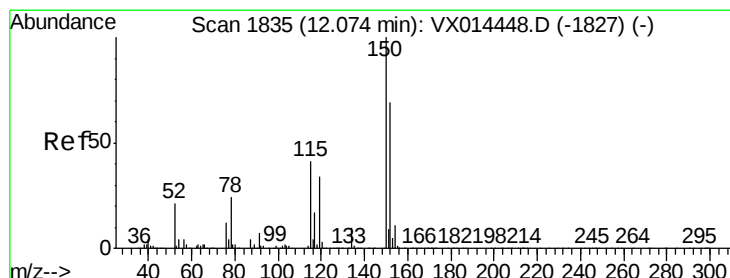
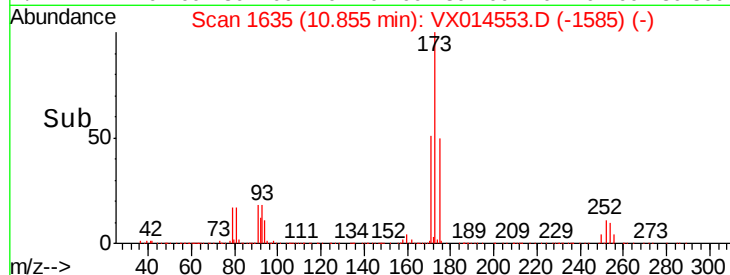
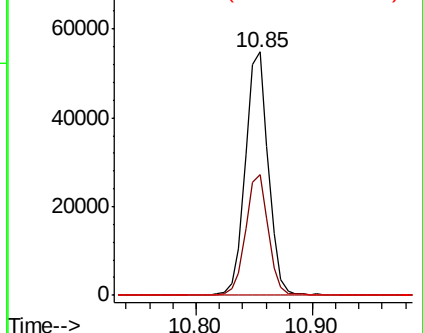
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Abundance Ion 172.70 (172.40 to 173.40): V

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: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX014553.D

Acq: 10 Jan 2020 22:33

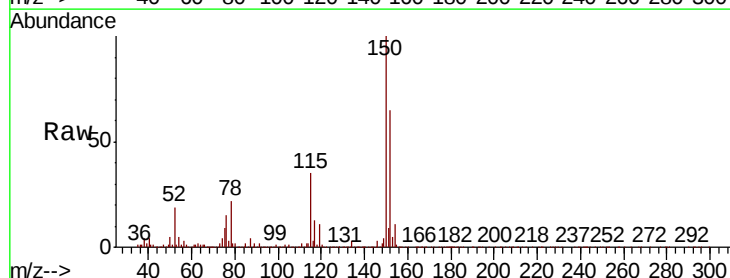
Tgt Ion:152 Resp: 299180

Ion Ratio Lower Upper

152 100

115 62.8 39.5 118.3

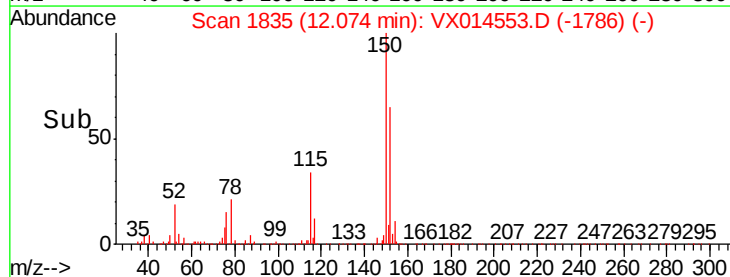
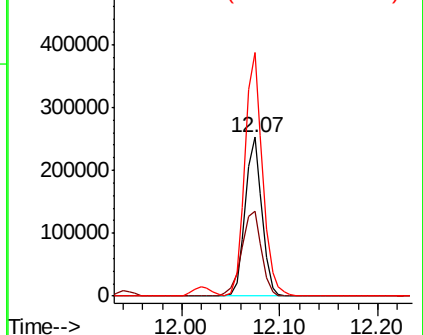
150 161.1 0.0 350.2

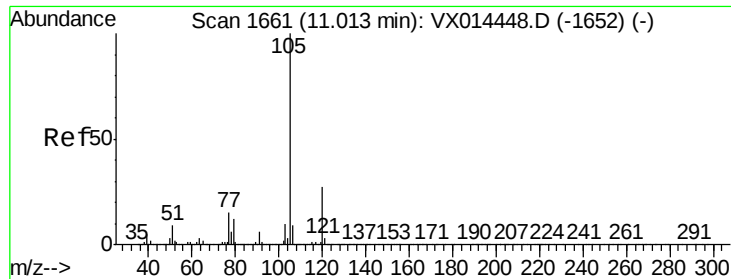


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.432 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX014553.D

Acq: 10 Jan 2020 22:33

Instrument :

MSVOA_X

ClientSampleId :

VX0110WBSD02

Tot Ion:105 Resp: 408247

Ion Ratio Lower Upper

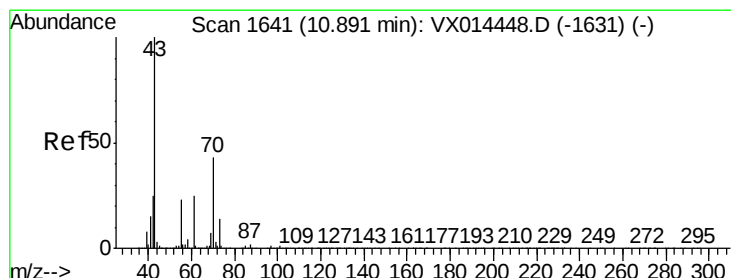
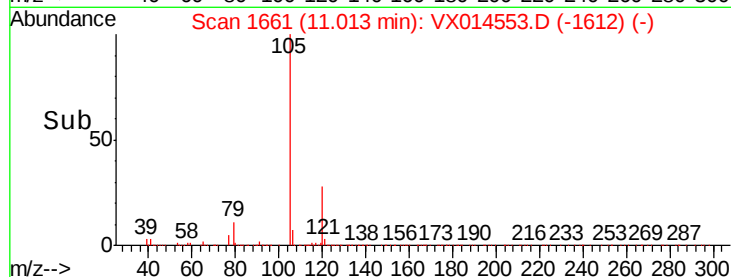
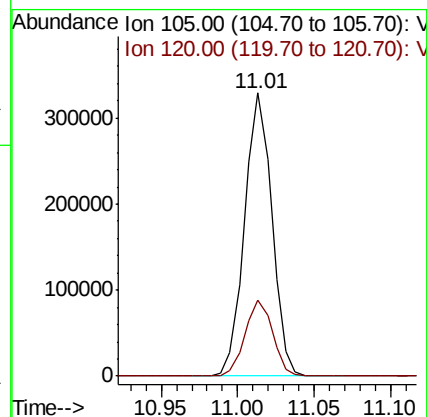
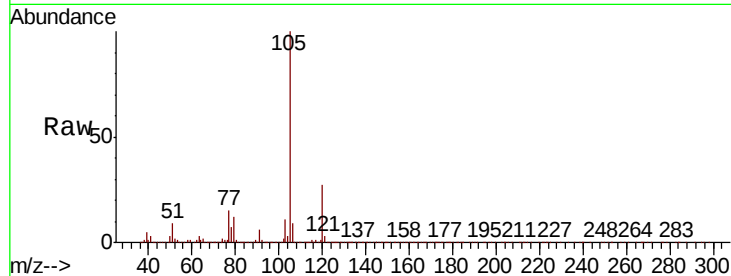
105 100

120 27.0 13.4 40.2

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#74

N-ethyl acetate

Concen: 20.677 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX014553.D

Acq: 10 Jan 2020 22:33

Tgt Ion: 43 Resp: 191651

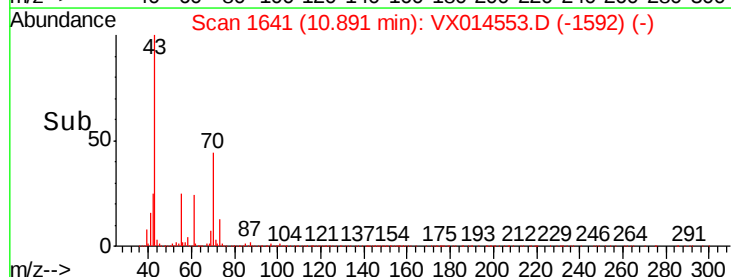
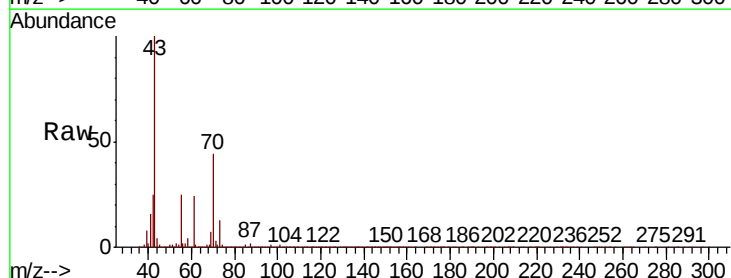
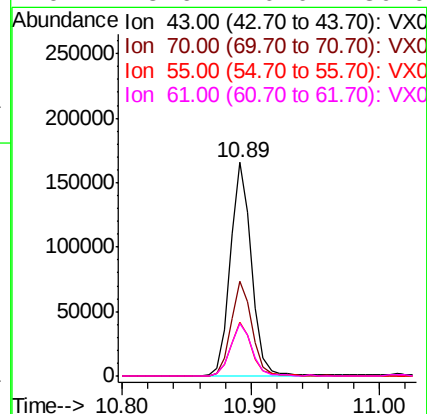
Ion Ratio Lower Upper

43 100

70 43.6 35.1 52.7

55 25.2 19.3 28.9

61 25.6 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 18.999 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX014553.D

Acq: 10 Jan 2020 22:33

Instrument :

MSVOA_X

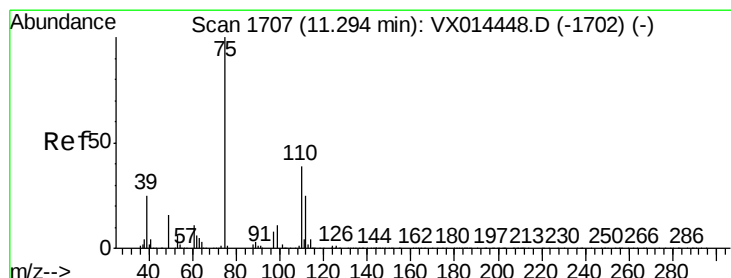
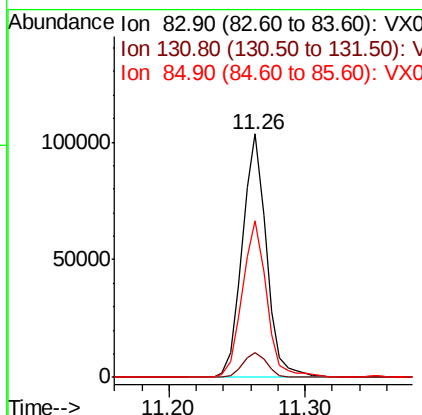
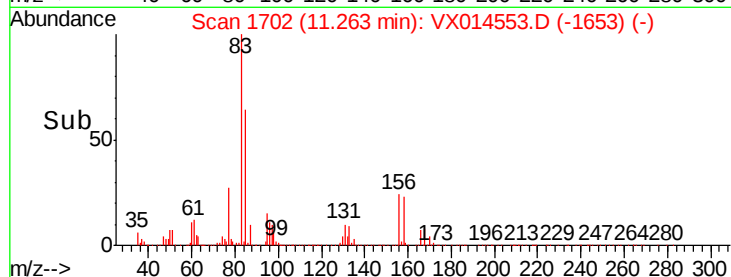
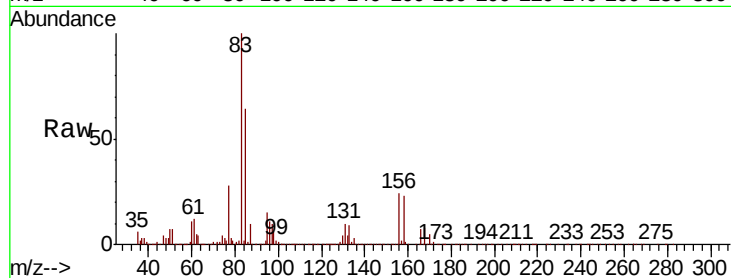
ClientSampleId :

VX0110WBSD02

Tot Ion:	83	Resp:	128005
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.1	15.4
85	65.6	32.5	97.4

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#76

1,2,3-Trichloropropane

Concen: 20.118 ug/l m

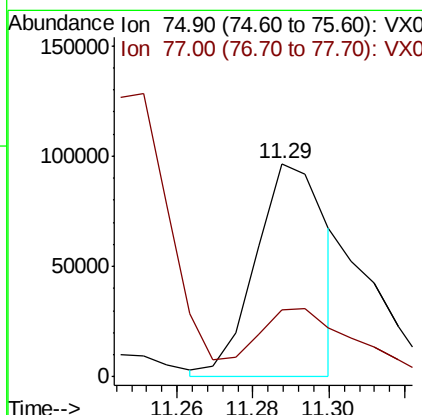
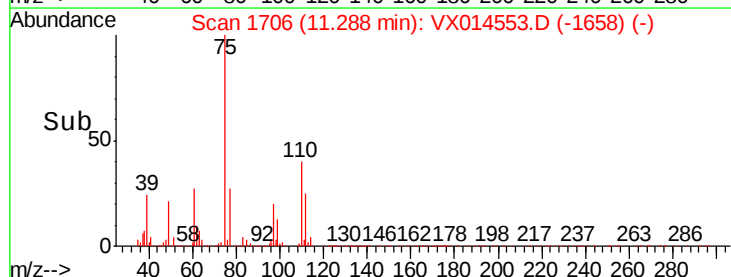
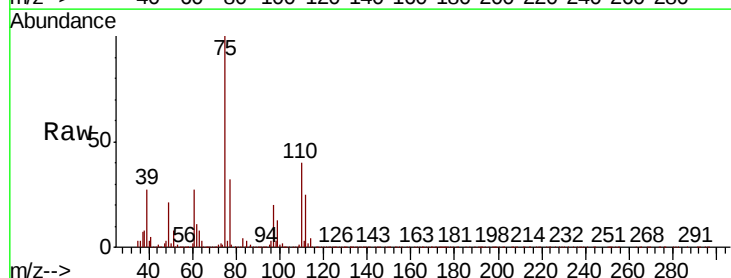
RT: 11.29 min Scan# 1706

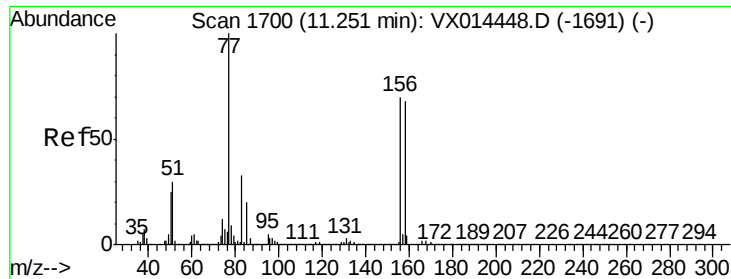
Delta R.T. -0.01 min

Lab File: VX014553.D

Acq: 10 Jan 2020 22:33

Tgt Ion:	75	Resp:	124534
Ion Ratio	Lower	Upper	
75	100		
77	42.4	21.9	65.7





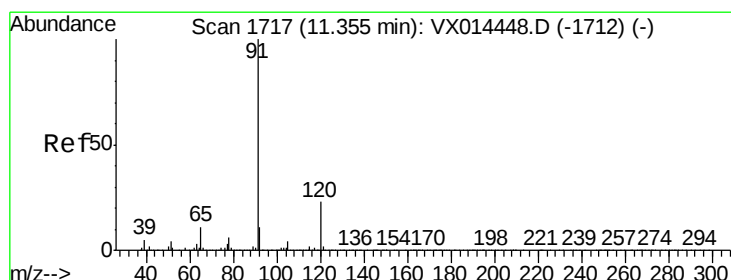
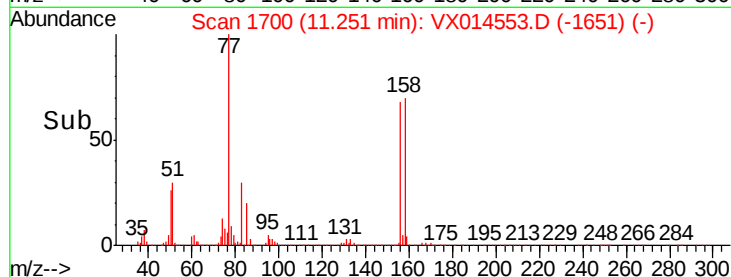
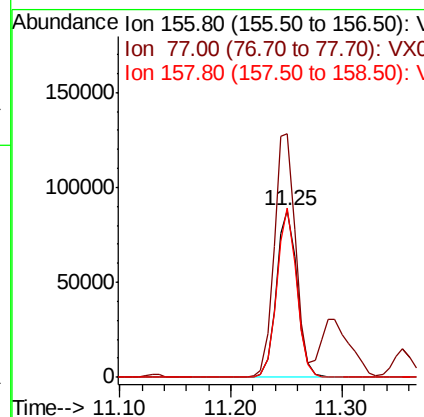
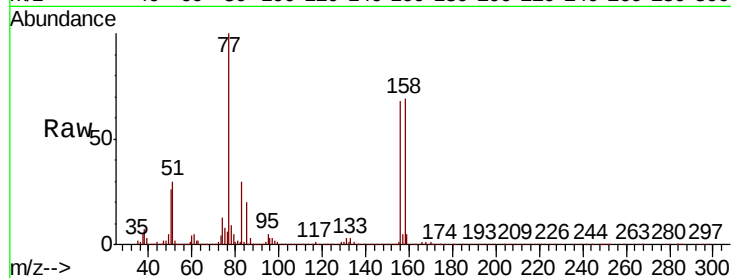
#77
Bromobenzene
Concen: 19.411 ug/l
RT: 11.25 min Scan# 1700
Delta R.T. -0.00 min
Lab File: VX014553.D
Acq: 10 Jan 2020 22:33

Instrument :
MSVOA_X
ClientSampleId :
VX0110WBSD02

Tot Ion	Ratio	Lower	Upper
156	100		
77	150.7	75.4	226.3
158	97.4	48.8	146.3

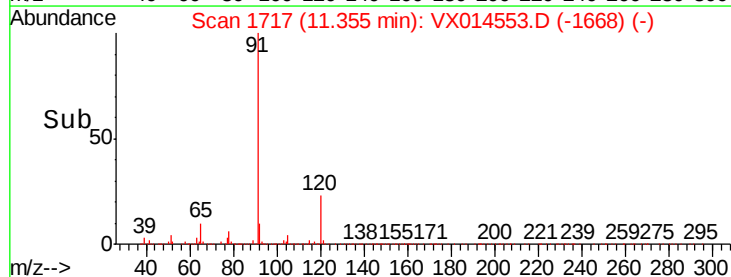
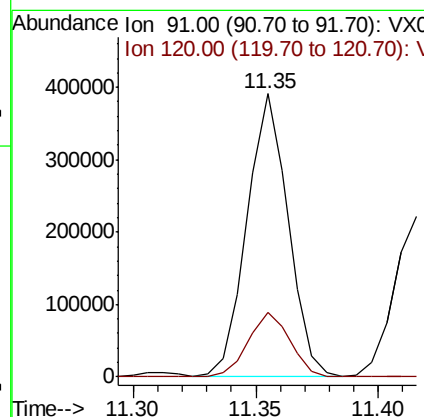
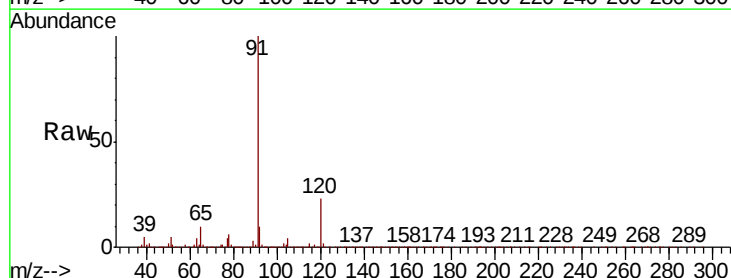
Manual Integrations
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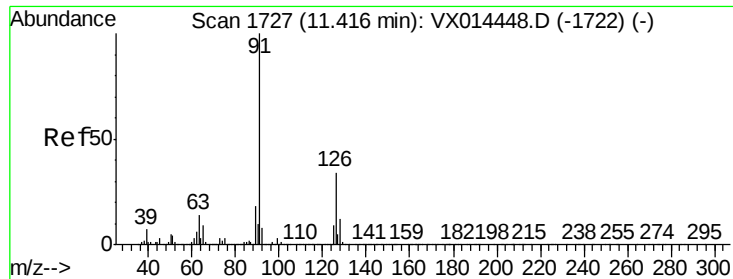
MMDadoda
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#78
n-propylbenzene
Concen: 18.927 ug/l
RT: 11.35 min Scan# 1717
Delta R.T. -0.00 min
Lab File: VX014553.D
Acq: 10 Jan 2020 22:33

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.5	11.9	35.5





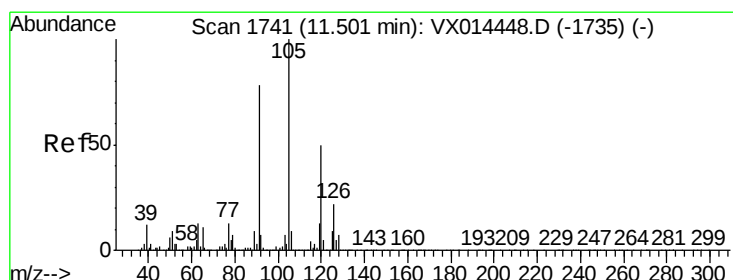
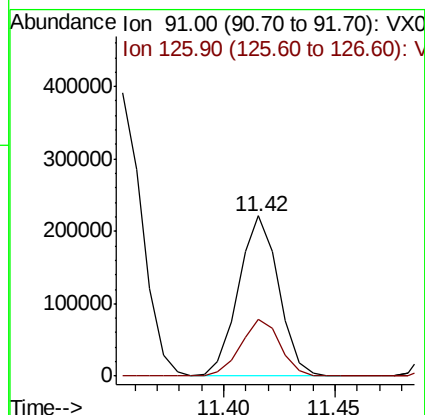
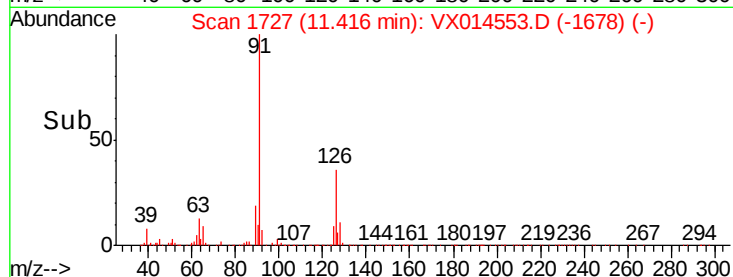
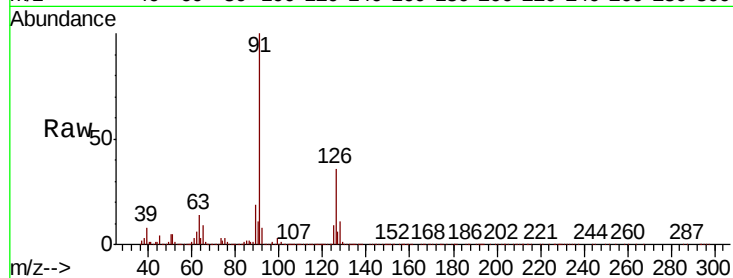
#79
2-Chlorotoluene
Concen: 19.281 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VX014553.D
Acq: 10 Jan 2020 22:33

Instrument :
MSVOA_X
ClientSampleId :
VX0110WBSD02

Tot Ion: 91 Resp: 276484
Ion Ratio Lower Upper
91 100
126 35.4 17.5 52.5

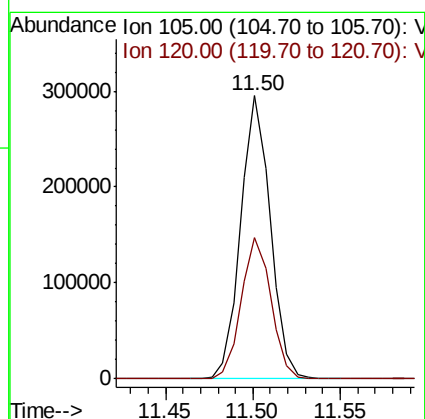
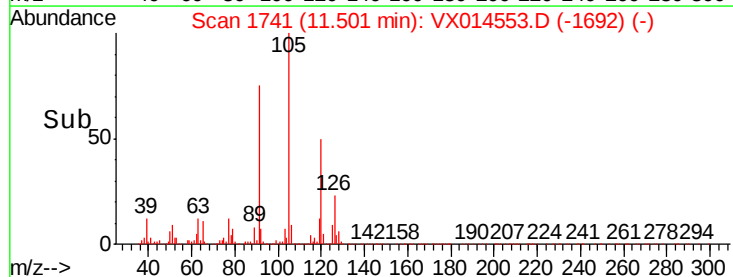
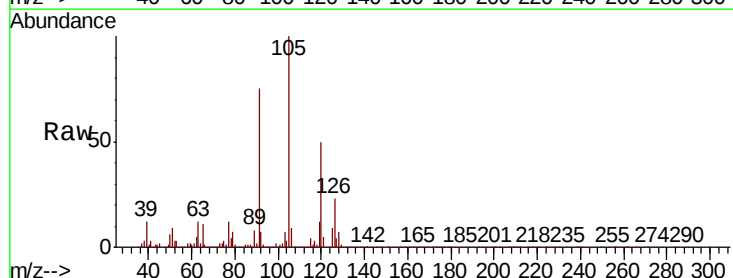
Manual Integrations
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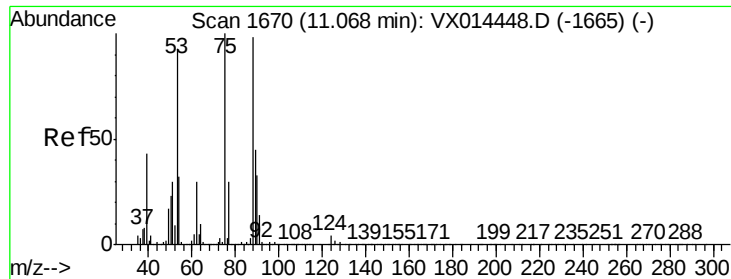
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#80
1,3,5-Trimethylbenzene
Concen: 19.883 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX014553.D
Acq: 10 Jan 2020 22:33

Tgt Ion: 105 Resp: 346815
Ion Ratio Lower Upper
105 100
120 50.2 25.2 75.6





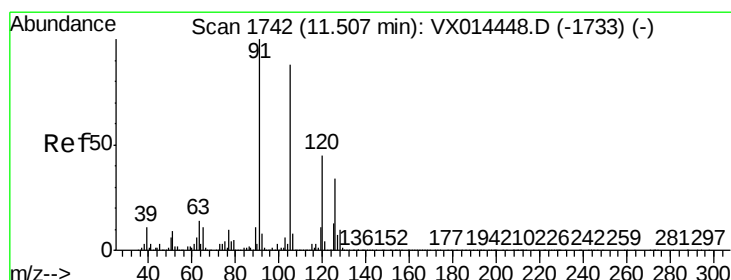
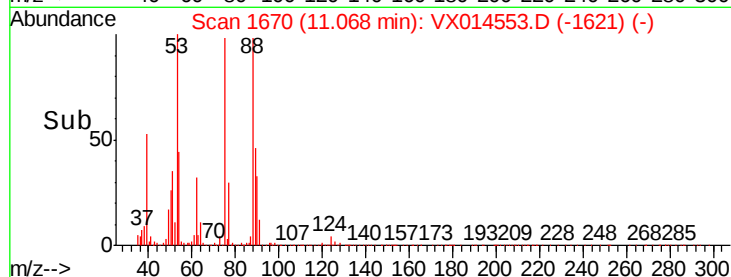
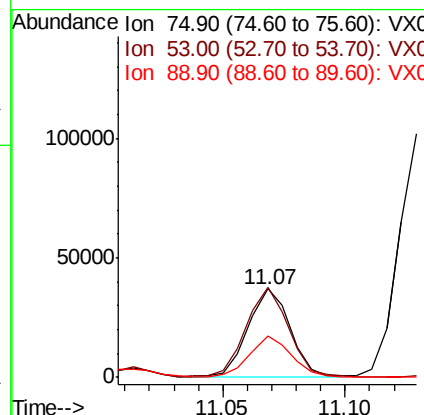
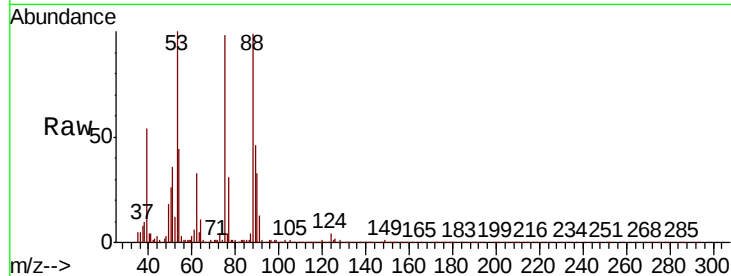
#81
trans-1,4-Dichloro-2-butene
Concen: 18.799 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX014553.D
Acq: 10 Jan 2020 22:33

Instrument :
MSVOA_X
ClientSampleId :
VX0110WBSD02

Tot Ion	Ratio	Lower	Upper
75	100		
53	103.3	74.8	112.2
89	47.4	36.3	54.5

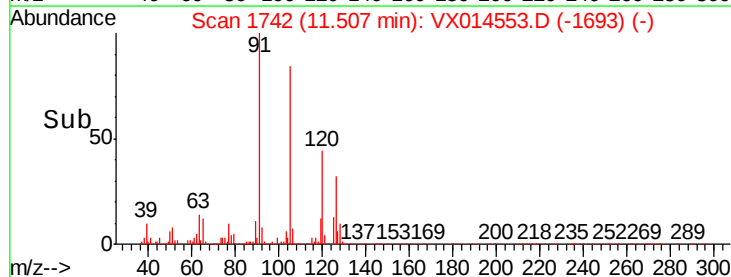
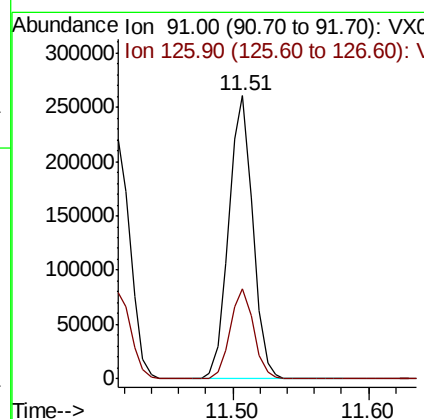
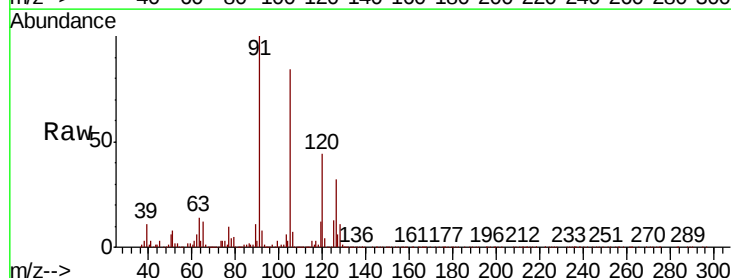
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#82
4-Chlorotoluene
Concen: 18.914 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX014553.D
Acq: 10 Jan 2020 22:33

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.1	15.9	47.7





#83

tert-Butylbenzene

Concen: 17.419 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VX014553.D

Acq: 10 Jan 2020 22:33

Instrument :

MSVOA_X

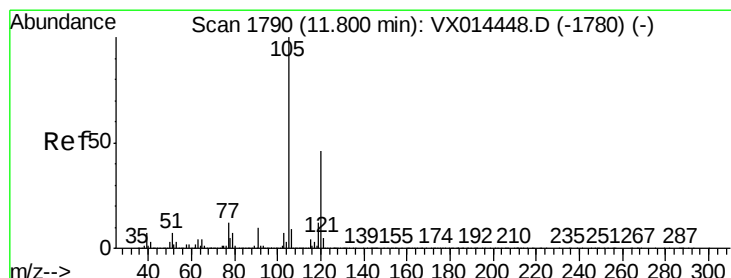
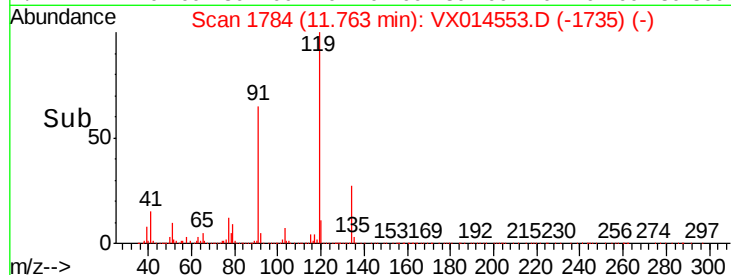
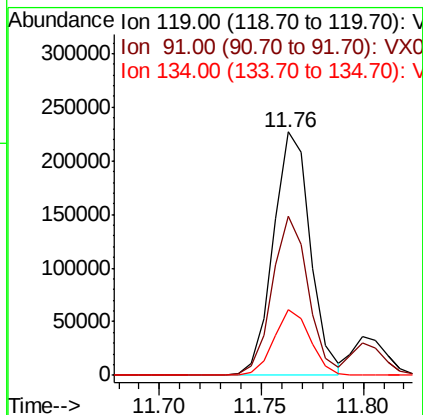
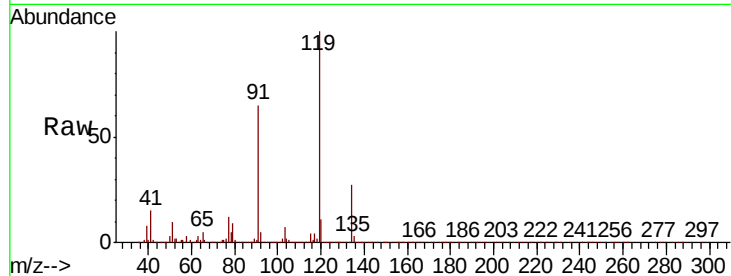
ClientSampleId :

VX0110WBSD02

Tot Ion:	119	Resp:	287080
Ion Ratio	Lower	Upper	
119	100		
91	64.0	29.3	88.0
134	26.4	12.4	37.4

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#84

1,2,4-Trimethylbenzene

Concen: 19.791 ug/l

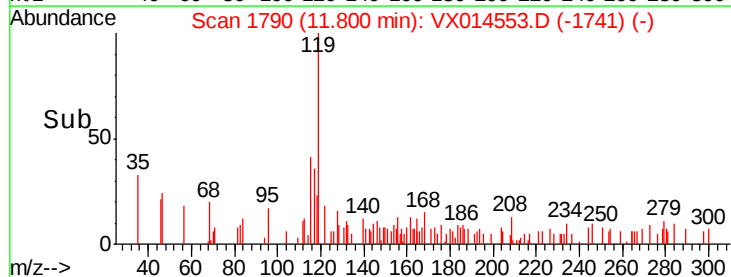
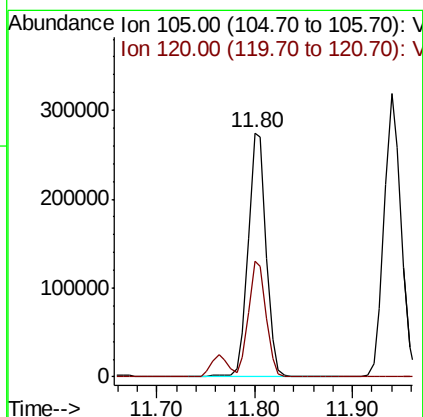
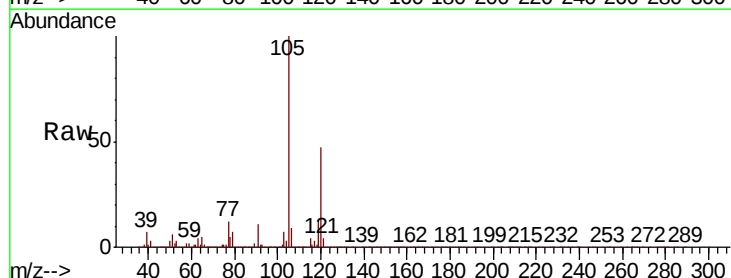
RT: 11.80 min Scan# 1790

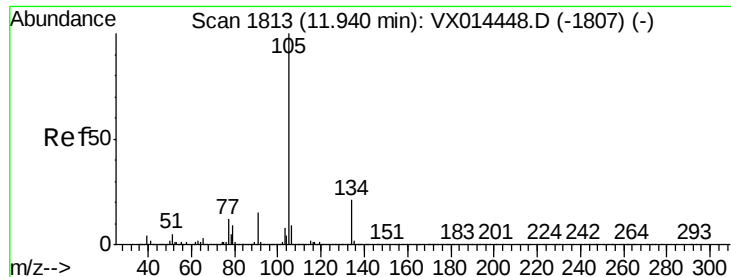
Delta R.T. -0.00 min

Lab File: VX014553.D

Acq: 10 Jan 2020 22:33

Tgt Ion:	105	Resp:	348822
Ion Ratio	Lower	Upper	
105	100		
120	46.1	23.1	69.3





#85

sec-Butylbenzene

Concen: 18.785 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX014553.D

Acq: 10 Jan 2020 22:33

Instrument :

MSVOA_X

ClientSampleId :

VX0110WBSD02

Tot Ion:105 Resp: 384874

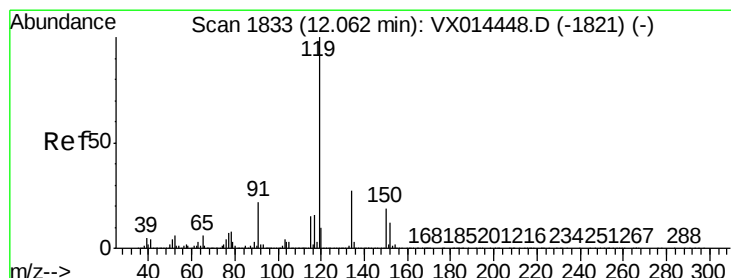
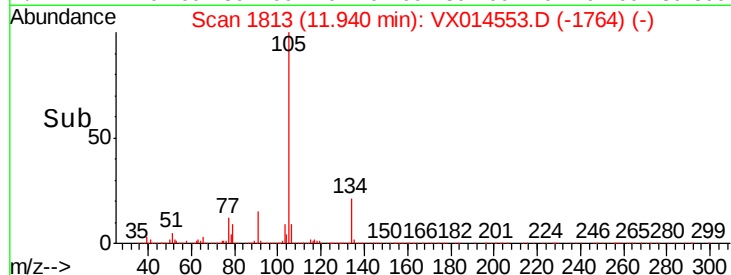
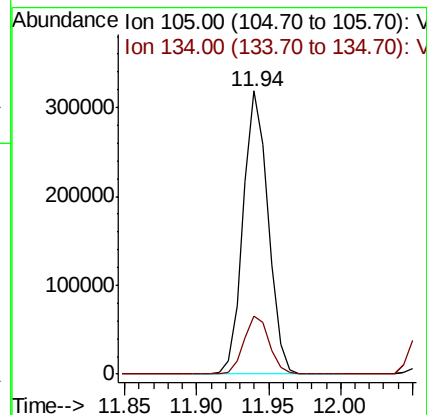
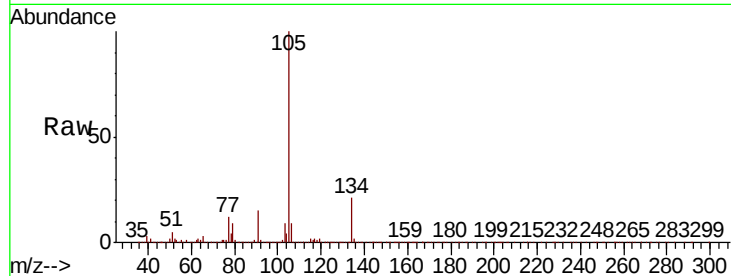
Ion Ratio Lower Upper

105 100

134 20.8 10.5 31.5

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#86

p-Isopropyltoluene

Concen: 18.406 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014553.D

Acq: 10 Jan 2020 22:33

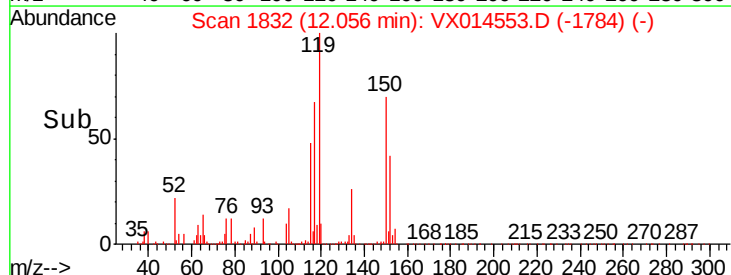
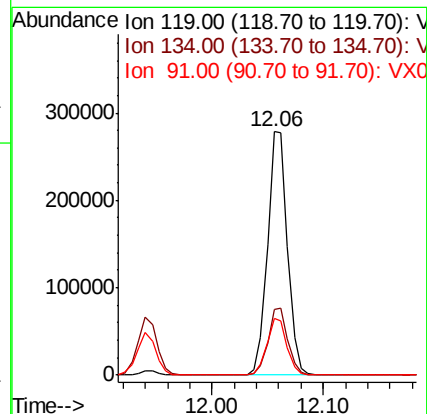
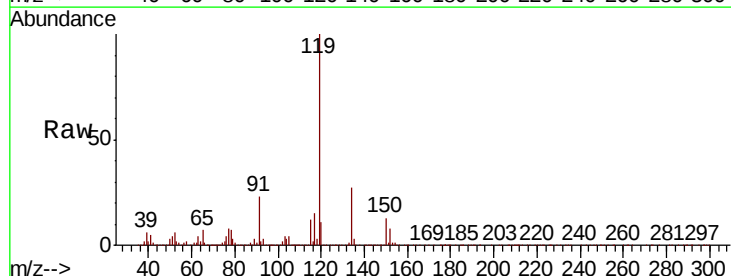
Tgt Ion:119 Resp: 349927

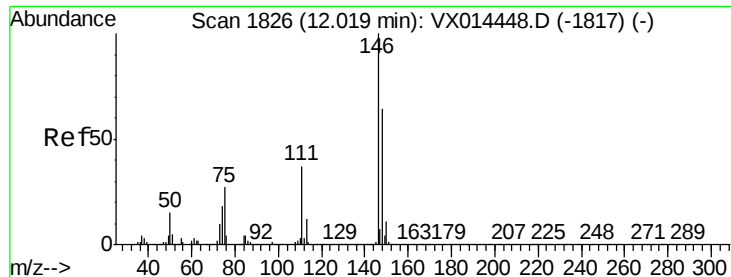
Ion Ratio Lower Upper

119 100

134 27.0 13.5 40.4

91 22.9 11.1 33.3





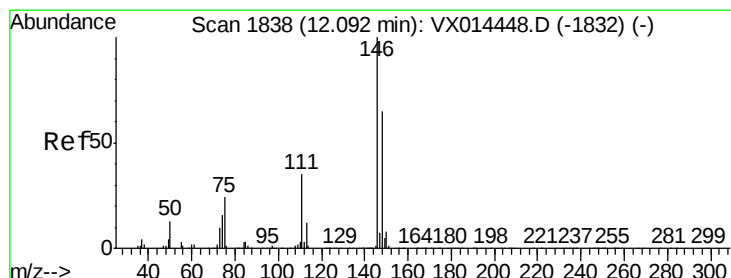
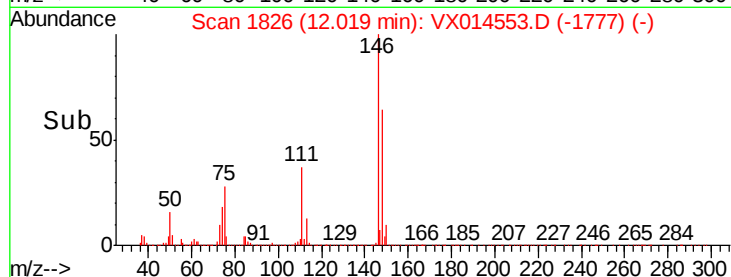
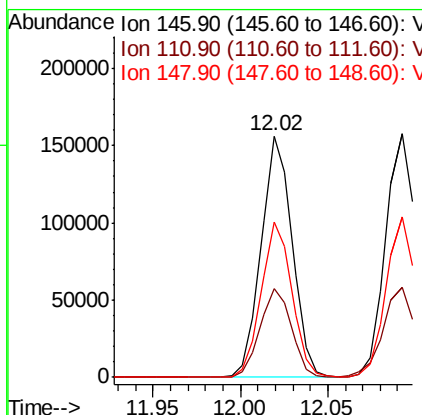
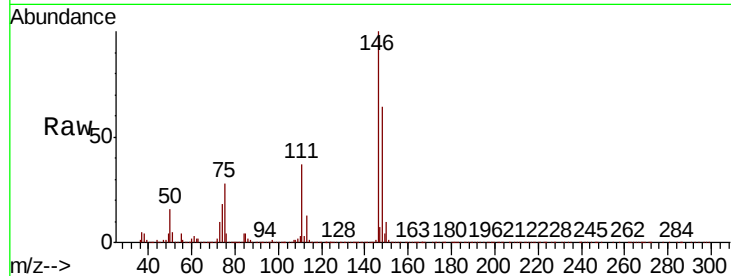
#87
 1,3-Dichlorobenzene
 Concen: 18.489 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX014553.D
 Acq: 10 Jan 2020 22:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0110WBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.9	56.7
148	63.4	32.2	96.6

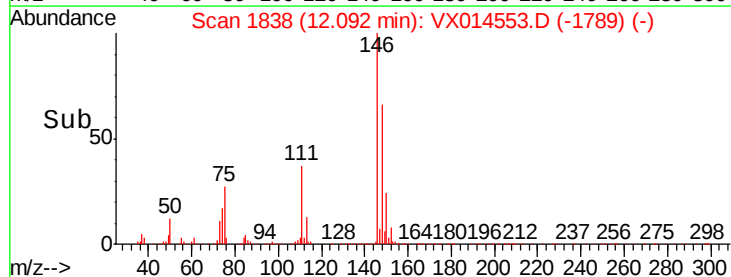
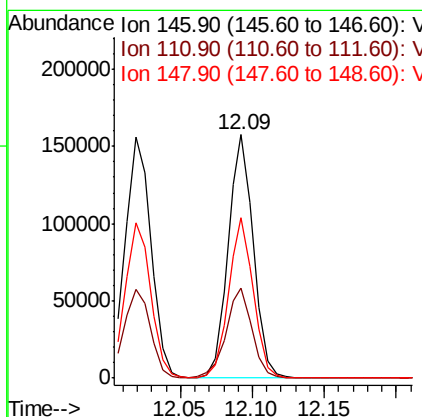
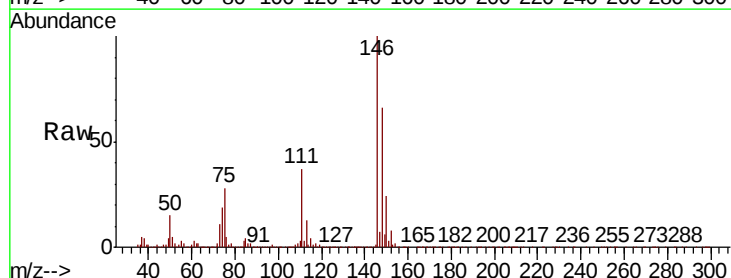
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#88
 1,4-Dichlorobenzene
 Concen: 19.328 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014553.D
 Acq: 10 Jan 2020 22:33

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.0	18.1	54.1
148	64.3	32.1	96.3





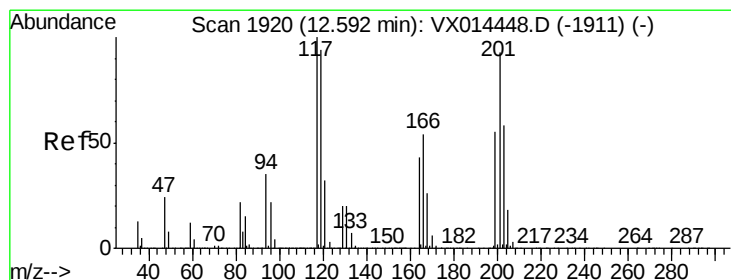
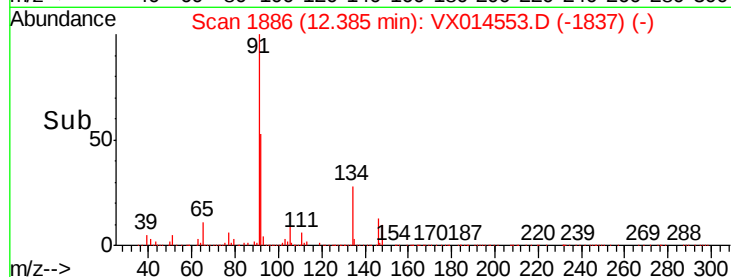
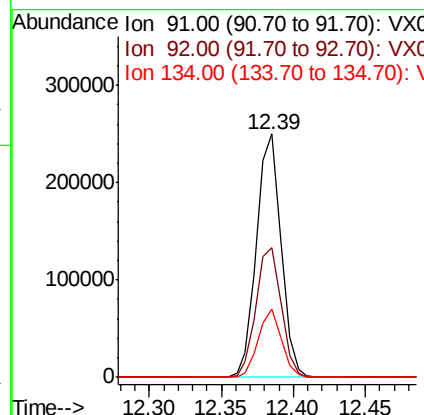
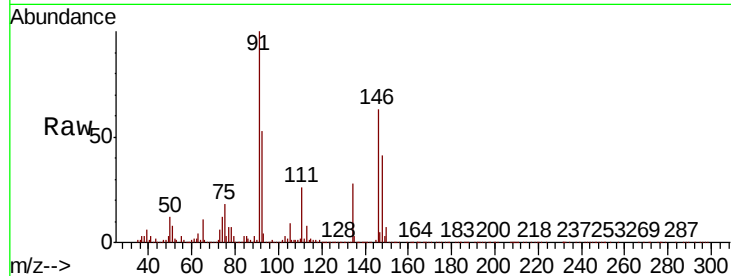
#89
n-Butylbenzene
Concen: 16.810 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX014553.D
Acq: 10 Jan 2020 22:33

Instrument :
MSVOA_X
ClientSampleId :
VX0110WBSD02

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.9	27.4	82.2
134	26.7	13.9	41.7

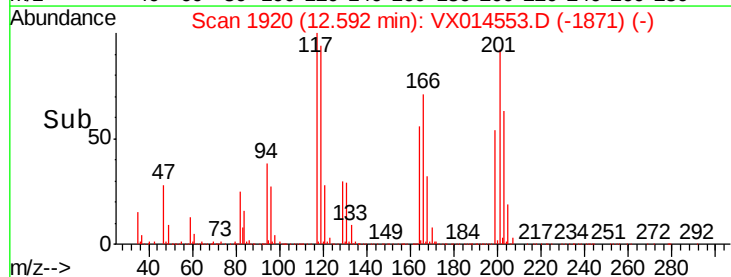
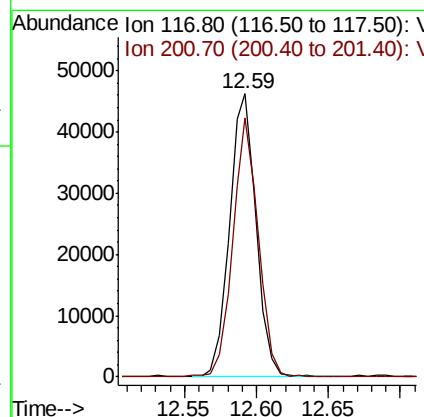
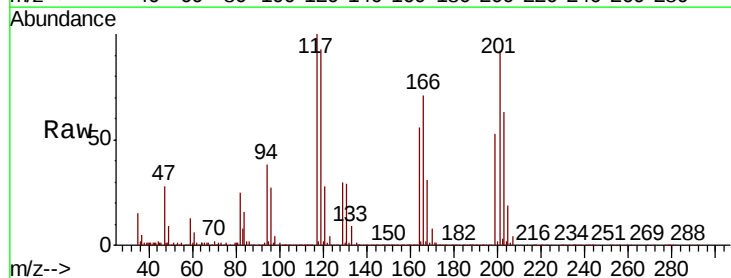
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#90
Hexachloroethane
Concen: 17.979 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX014553.D
Acq: 10 Jan 2020 22:33

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.1	44.8	134.3





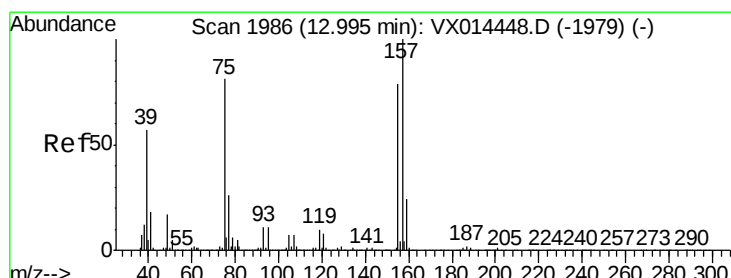
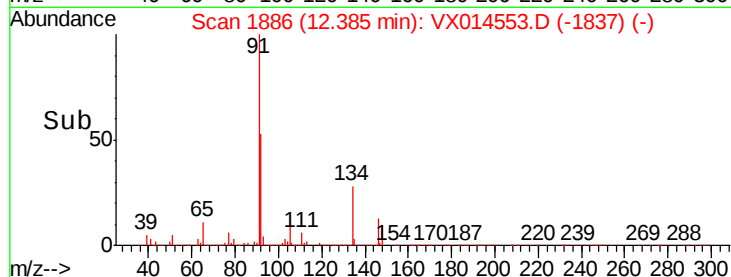
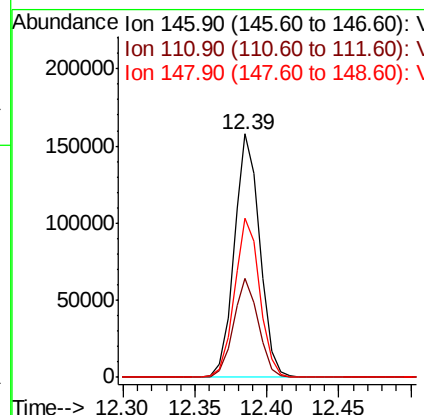
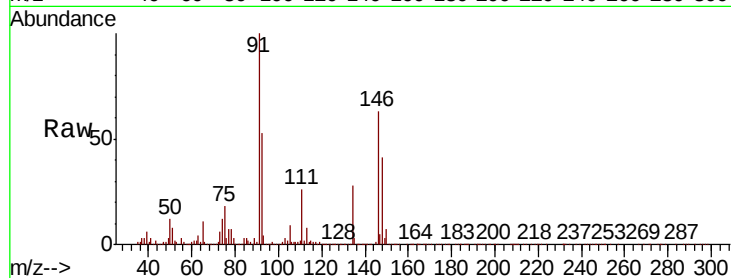
#91
 1,2-Dichlorobenzene
 Concen: 19.076 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX014553.D
 Acq: 10 Jan 2020 22:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0110WBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.8	59.4
148	64.9	32.3	96.8

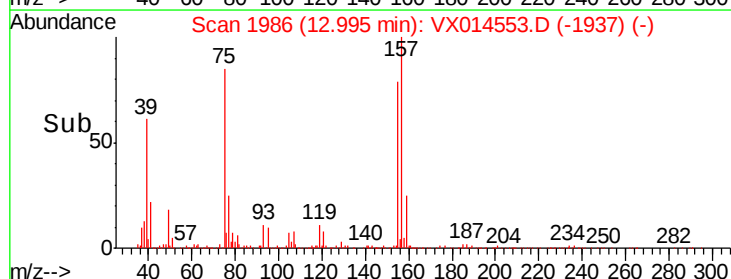
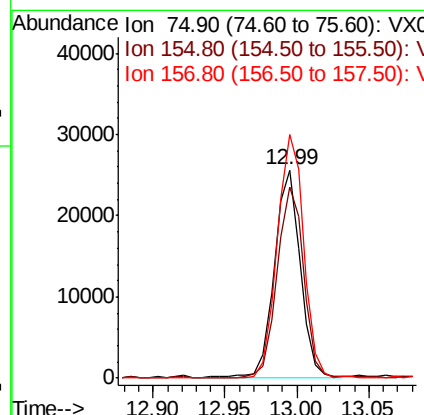
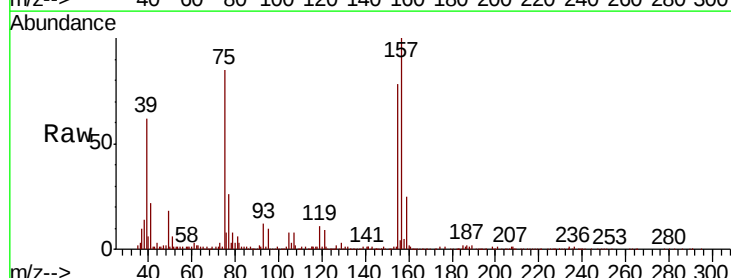
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.225 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX014553.D
 Acq: 10 Jan 2020 22:33

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.2	48.7	146.1
157	119.9	62.0	185.9





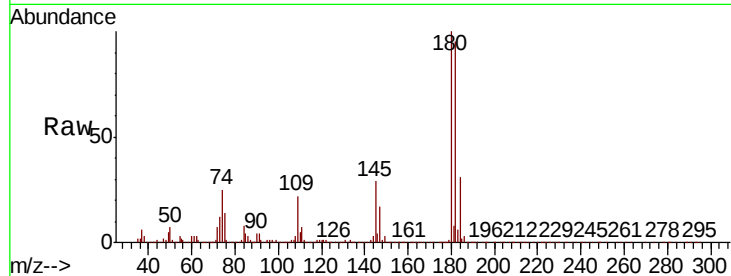
#93
1,2,4-Trichlorobenzene
Concen: 17.271 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. 0.00 min
Lab File: VX014553.D
Acq: 10 Jan 2020 22:33

Instrument :
MSVOA_X
ClientSampleId :
VX0110WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	124705		
182	96.8	47.5	142.5	
145	29.5	13.9	41.6	

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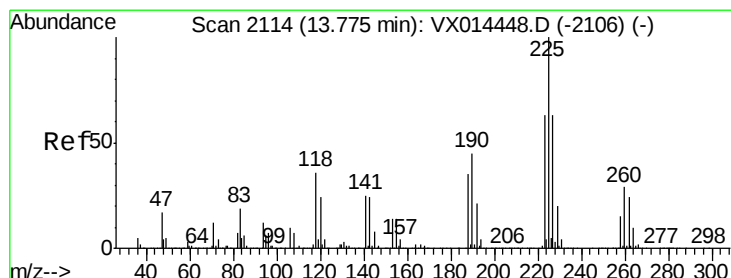
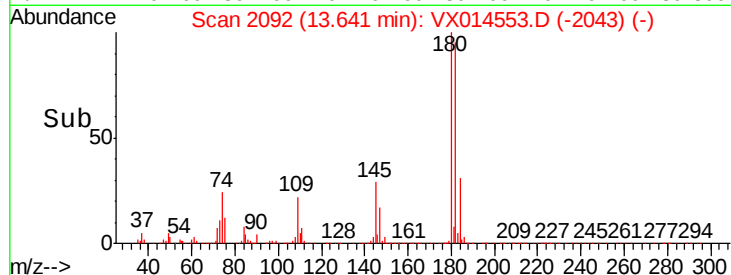
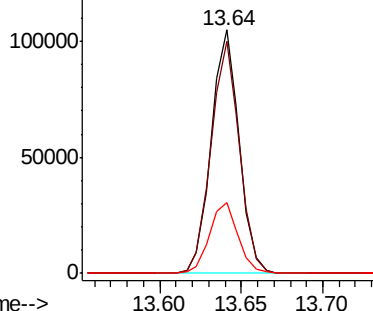


Abundance

Ion 179.80 (179.50 to 180.50): V

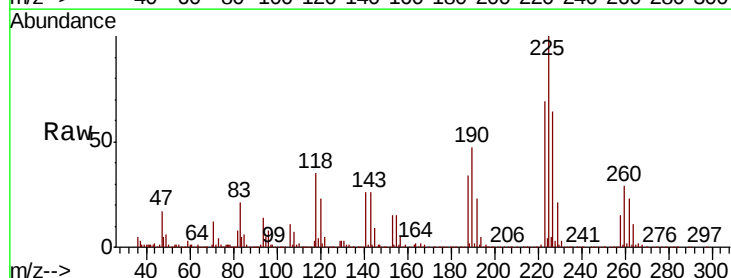
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
Hexachlorobutadiene
Concen: 17.615 ug/l
RT: 13.77 min Scan# 2114
Delta R.T. -0.00 min
Lab File: VX014553.D
Acq: 10 Jan 2020 22:33

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	59182		
223	63.4	31.1	93.2	
227	63.8	31.4	94.2	

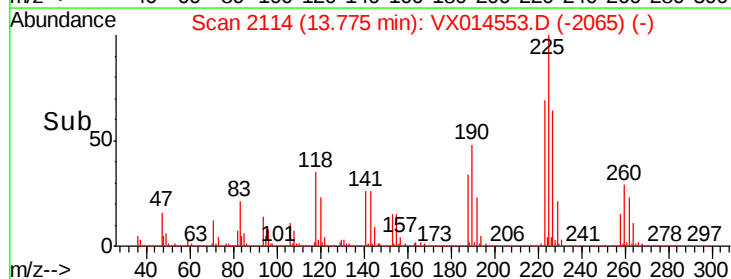
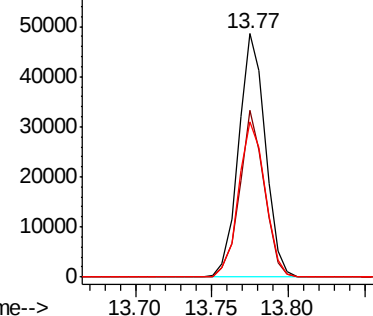


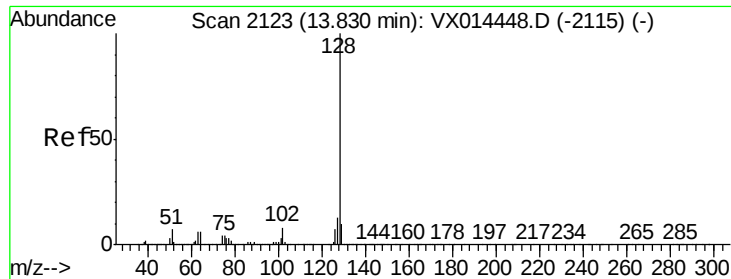
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





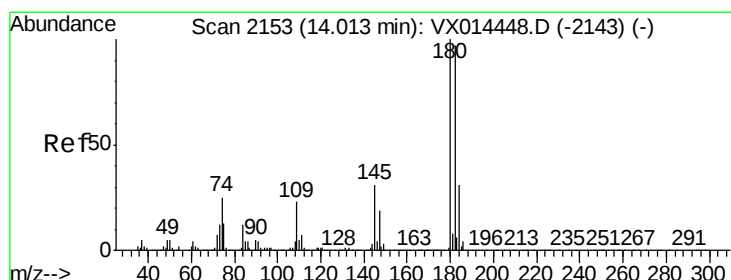
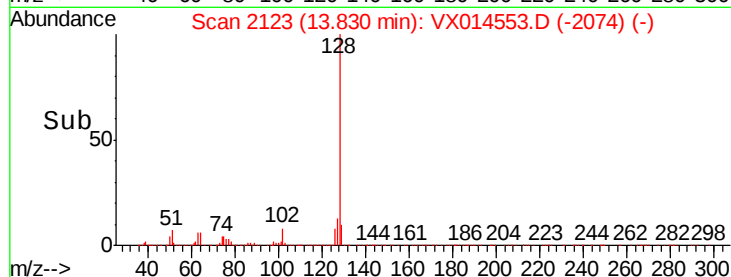
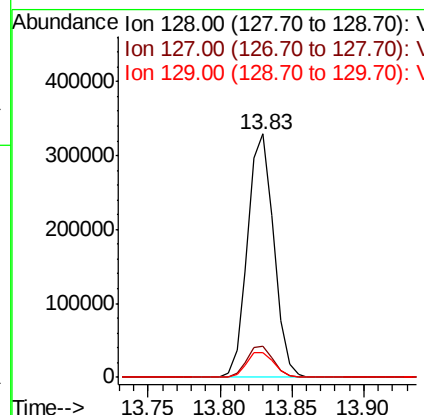
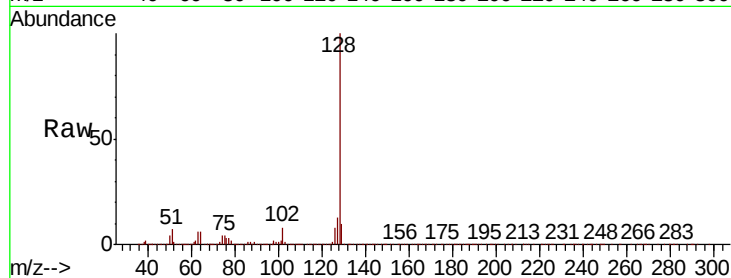
#95
Naphthalene
Concen: 18.547 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX014553.D
Acq: 10 Jan 2020 22:33

Instrument :
MSVOA_X
ClientSampleId :
VX0110WBSD02

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.3	15.5
129	10.8	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
1/13/2020 11:34:17 AM



#96
1,2,3-Trichlorobenzene
Concen: 18.672 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014553.D
Acq: 10 Jan 2020 22:33

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.9	143.6
145	30.3	14.8	44.3

