

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX011320\
 Data File : VX014579.D
 Acq On : 13 Jan 2020 12:15
 Operator : JC/SP
 Sample : VX0113WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0113WBSD01

Manual Integrations
 APPROVED

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 1/14/2020 3:08:58 PM

Quant Time: Jan 14 13:24:30 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	446062	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	671306	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	608101	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	304255	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	245629	49.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.66%	
35) Dibromofluoromethane	5.48	113	197900	48.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.40%	
50) Toluene-d8	8.71	98	777855	49.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.66%	
62) 4-Bromofluorobenzene	11.13	95	276544	47.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	108498	19.745	ug/l	99
3) Chloromethane	1.32	50	111737	19.651	ug/l	99
4) Vinyl Chloride	1.40	62	127658	20.148	ug/l	97
5) Bromomethane	1.63	94	76004	18.097	ug/l	99
6) Chloroethane	1.72	64	70823	19.734	ug/l	98
7) Trichlorofluoromethane	1.92	101	139650	19.430	ug/l	99
8) Diethyl Ether	2.18	74	64850	19.777	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	86096	19.690	ug/l	100
10) Methyl Iodide	2.50	142	101282	19.344	ug/l	99
11) Tert butyl alcohol	3.03	59	112836	108.525	ug/l	98
12) 1,1-Dichloroethene	2.36	96	80792	18.339	ug/l	100
13) Acrolein	2.28	56	64506	77.404	ug/l	96
14) Allyl chloride	2.72	41	149045	19.270	ug/l	98
15) Acrylonitrile	3.13	53	257476	102.604	ug/l	98
16) Acetone	2.43	43	278072	109.017	ug/l	99
17) Carbon Disulfide	2.56	76	220928	17.972	ug/l	100
18) Methyl Acetate	2.76	43	159620	22.303	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	295251	20.877	ug/l	98
20) Methylene Chloride	2.85	84	106691	21.298	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	89334	18.574	ug/l	93
22) Diisopropyl ether	3.84	45	310087	20.745	ug/l	89
23) Vinyl Acetate	3.80	43	1226399	105.974	ug/l	99
24) 1,1-Dichloroethane	3.69	63	164511	20.232	ug/l	99
25) 2-Butanone	4.65	43	387798	104.258	ug/l	98
26) 2,2-Dichloropropane	4.57	77	131309	19.063	ug/l	97
27) cis-1,2-Dichloroethene	4.58	96	103210	19.196	ug/l	98
28) Bromochloromethane	5.00	49	72821	21.253	ug/l	95
29) Tetrahydrofuran	5.11	42	237946	108.198	ug/l	99
30) Chloroform	5.20	83	159049	20.017	ug/l	98
31) Cyclohexane	5.57	56	154182	20.257	ug/l	95
32) 1,1,1-Trichloroethane	5.48	97	134140	19.722	ug/l	99
36) 1,1-Dichloropropene	5.79	75	122480	19.401	ug/l	98
37) Ethyl Acetate	4.81	43	141354	20.614	ug/l	99
38) Carbon Tetrachloride	5.78	117	112959	19.444	ug/l	95

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VX0113WBSD01

Manual Integrations
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Quant Time: Jan 14 13:24:30 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	7.45	83	152286	19.201	ug/l	96
40) Benzene	6.13	78	377210	20.132	ug/l	98
41) Methacrylonitrile	5.02	41	80144	21.916	ug/l	96
42) 1,2-Dichloroethane	6.18	62	134642	20.552	ug/l	99
43) Isopropyl Acetate	6.43	43	233380	21.068	ug/l	99
44) Trichloroethene	7.20	130	103385	19.200	ug/l	97
45) 1,2-Dichloropropane	7.51	63	98359	20.590	ug/l	100
46) Dibromomethane	7.65	93	64624	19.382	ug/l	98
47) Bromodichloromethane	7.89	83	124252	20.481	ug/l	98
48) Methyl methacrylate	7.76	41	111663	21.047	ug/l	99
49) 1,4-Dioxane	7.73	88	47509	422.611	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	726284	107.594	ug/l	99
52) Toluene	8.78	92	235852	19.664	ug/l	97
53) t-1,3-Dichloropropene	9.03	75	139177	19.705	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	153758	20.152	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	96805	20.094	ug/l	98
56) Ethyl methacrylate	9.17	69	153023	20.732	ug/l	99
57) 1,3-Dichloropropane	9.37	76	167578	20.804	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.30	63	260789	103.850	ug/l	99
59) 2-Hexanone	9.48	43	560739	104.986	ug/l	98
60) Dibromochloromethane	9.57	129	100198	20.692	ug/l	100
61) 1,2-Dibromoethane	9.67	107	103816	20.343	ug/l	98
64) Tetrachloroethene	9.33	164	113316	18.593	ug/l	99
65) Chlorobenzene	10.14	112	258326	19.575	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	93240	19.798	ug/l	100
67) Ethyl Benzene	10.25	91	445949	19.826	ug/l	99
68) m/p-Xylenes	10.35	106	343202	39.550	ug/l	99
69) o-Xylene	10.70	106	168101	20.303	ug/l	96
70) Styrene	10.71	104	278765	19.510	ug/l	100
71) Bromoform	10.85	173	74919	19.443	ug/l	98
73) Isopropylbenzene	11.01	105	437928	20.497	ug/l	100
74) N-amyl acetate	10.89	43	194530	20.637	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	143192	20.899	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	126701m	20.127	ug/l	
77) Bromobenzene	11.25	156	115136	19.432	ug/l	99
78) n-propylbenzene	11.35	91	499835	20.428	ug/l	99
79) 2-Chlorotoluene	11.42	91	293801	20.147	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	364494	20.548	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	46883	19.690	ug/l	95
82) 4-Chlorotoluene	11.51	91	341861	19.971	ug/l	98
83) tert-Butylbenzene	11.76	119	340889	20.339	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	373899	20.860	ug/l	100
85) sec-Butylbenzene	11.94	105	423728	20.337	ug/l	99
86) p-Isopropyltoluene	12.06	119	392281	20.289	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	205340	19.311	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	206572	20.330	ug/l	98
89) n-Butylbenzene	12.39	91	332570	18.813	ug/l	100
90) Hexachloroethane	12.59	117	67021	19.734	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	203101	19.495	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	32075	20.811	ug/l	94

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0113WBSD01

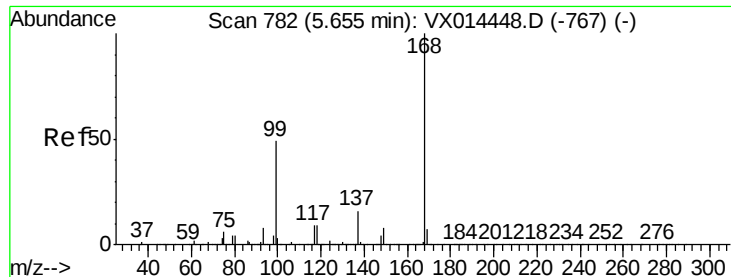
Manual Integrations
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1/14/2020 3:08:58 PM

Quant Time: Jan 14 13:24:30 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	139219	18.971	ug/l	99
94) Hexachlorobutadiene	13.77	225	68474	20.032	ug/l	98
95) Naphthalene	13.83	128	417204	18.383	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	141533	19.559	ug/l	100

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



#1

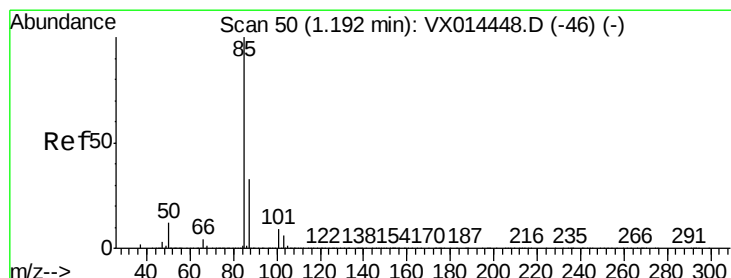
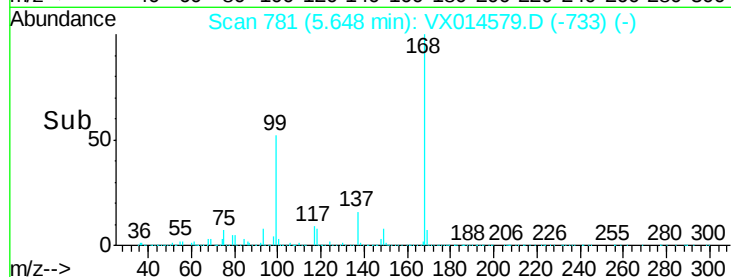
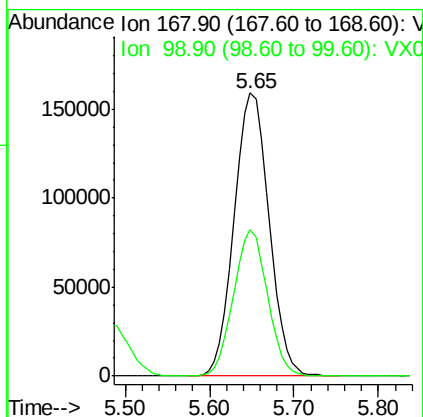
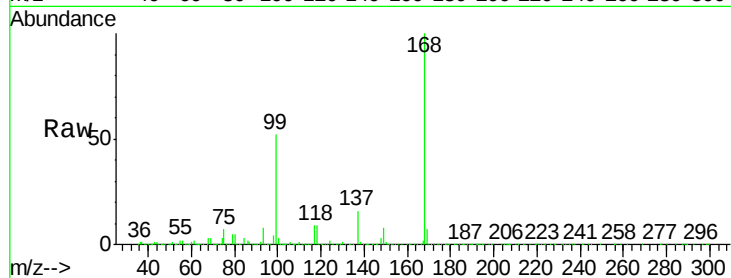
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.01 min
Lab File: VX014579.D
Acq: 13 Jan 2020 12:15

Instrument :
MSVOA_X
ClientSampleId :
VX0113WBSD01

Tot Ion	Ratio	Lower	Upper
168	100		
99	51.4	39.2	58.8

Manual Integrations
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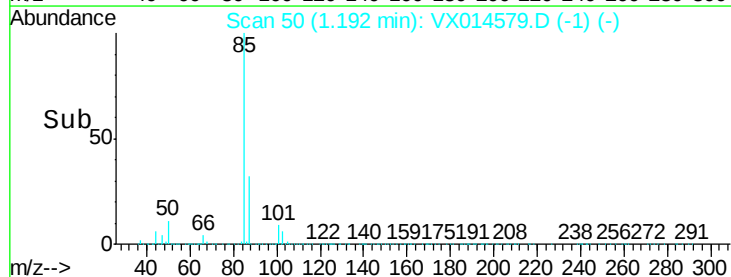
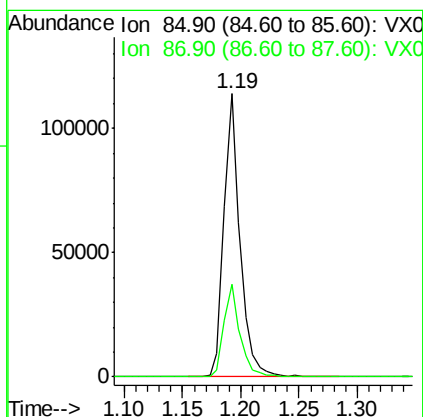
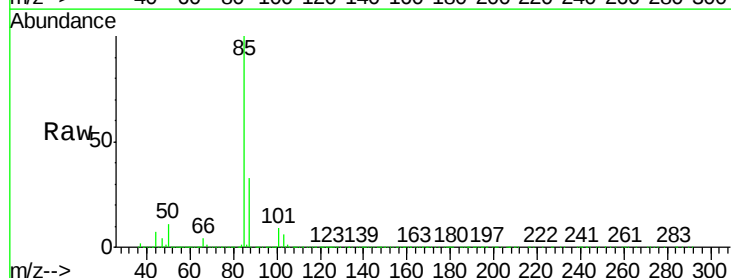
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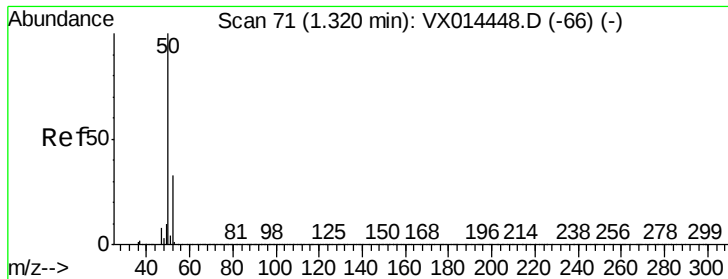


#2

Dichlorodifluoromethane
Concen: 19.745 ug/l
RT: 1.19 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX014579.D
Acq: 13 Jan 2020 12:15

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.5	16.5	49.5





#3

Chloromethane

Concen: 19.651 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX014579.D

Acq: 13 Jan 2020 12:15

Instrument :

MSVOA_X

ClientSampleId :

VX0113WBSD01

Tot Ion: 50 Resp: 111737

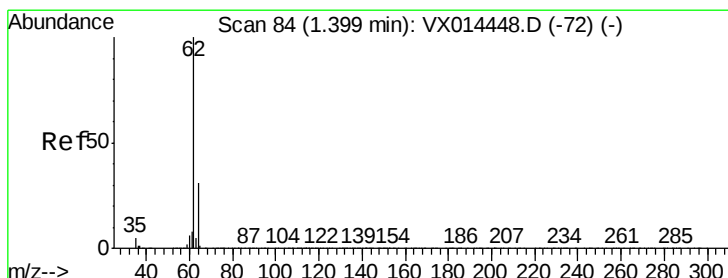
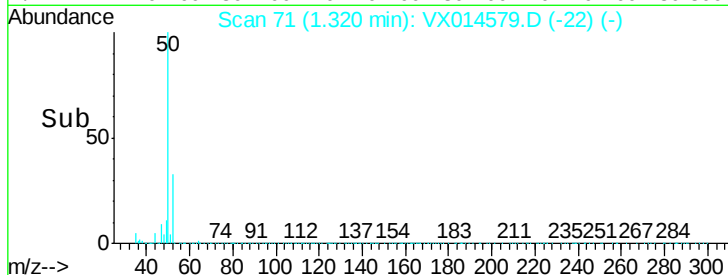
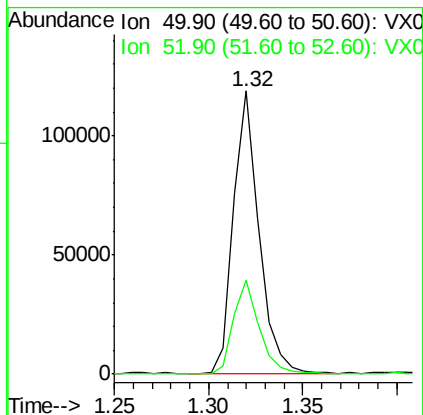
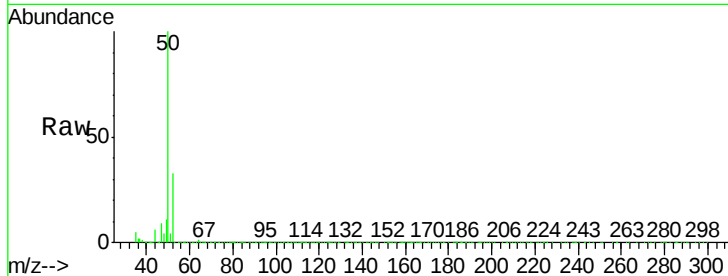
Ion Ratio Lower Upper

50 100

52 33.1 26.1 39.1

Manual Integrations
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#4

Vinyl Chloride

Concen: 20.148 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX014579.D

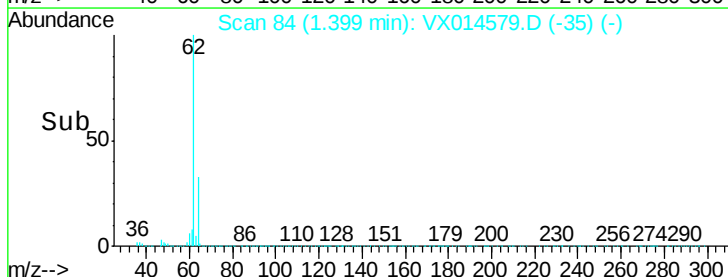
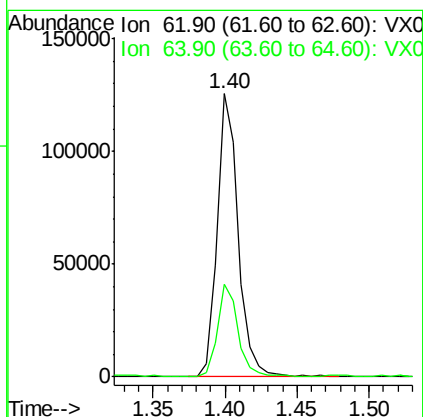
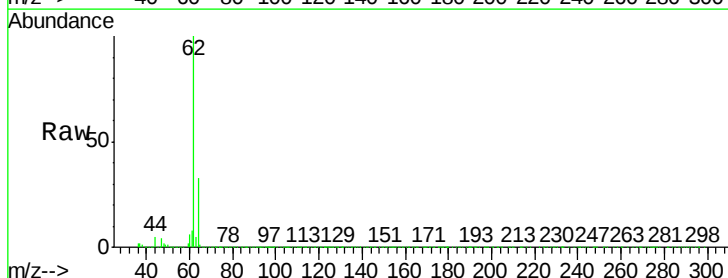
Acq: 13 Jan 2020 12:15

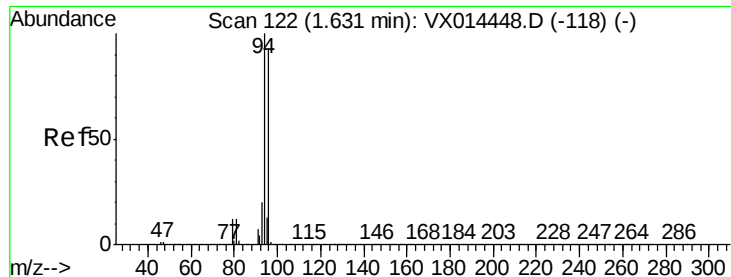
Tgt Ion: 62 Resp: 127658

Ion Ratio Lower Upper

62 100

64 32.5 24.6 37.0





#5

Bromomethane

Concen: 18.097 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX014579.D

Acq: 13 Jan 2020 12:15

Instrument :

MSVOA_X

ClientSampleId :

VX0113WBSD01

Tot Ion: 94 Resp: 76004

Ion Ratio Lower Upper

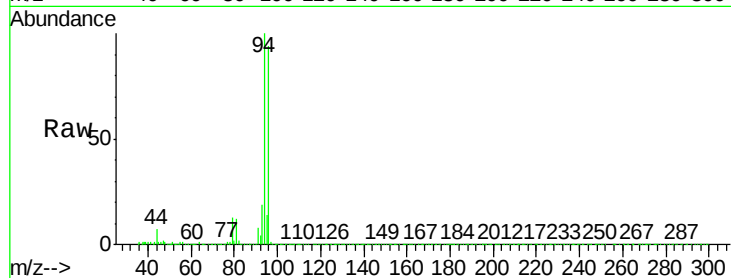
94 100

96 94.0 74.2 111.2

Manual Integrations
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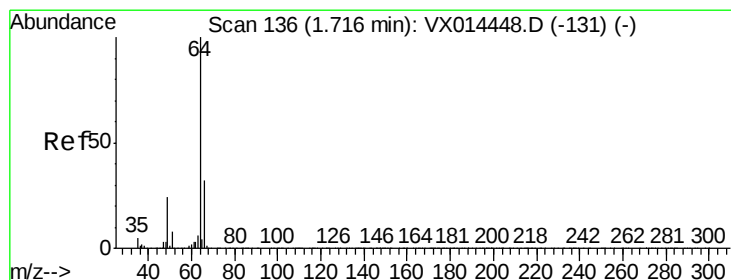
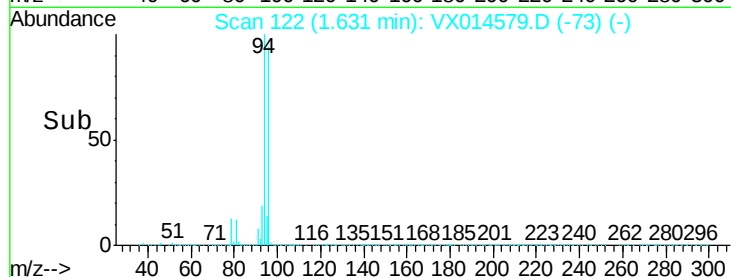
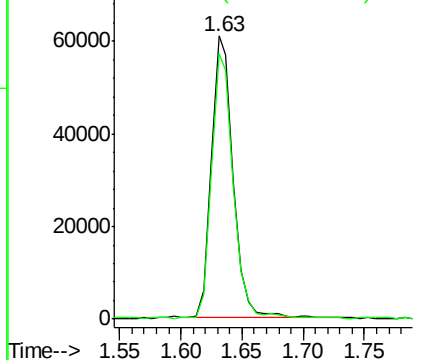
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 19.734 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX014579.D

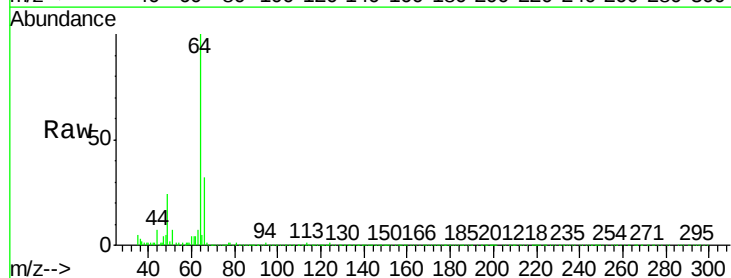
Acq: 13 Jan 2020 12:15

Tgt Ion: 64 Resp: 70823

Ion Ratio Lower Upper

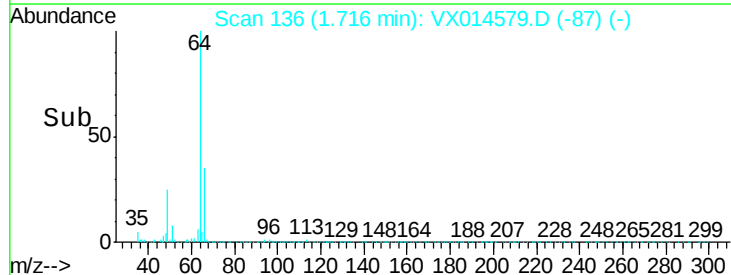
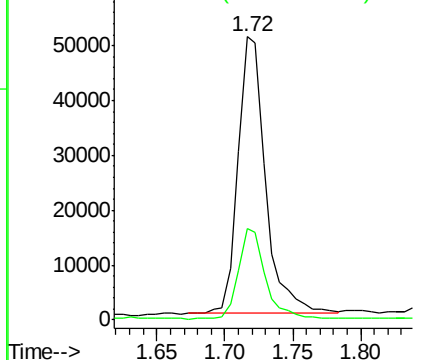
64 100

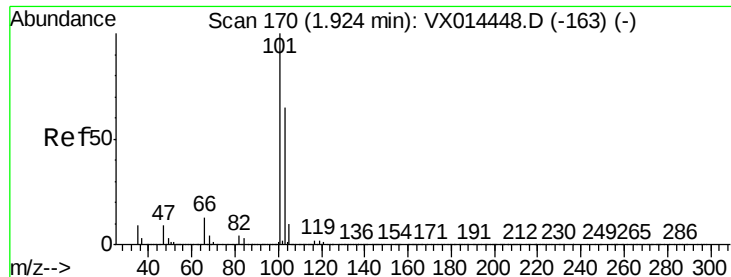
66 32.7 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

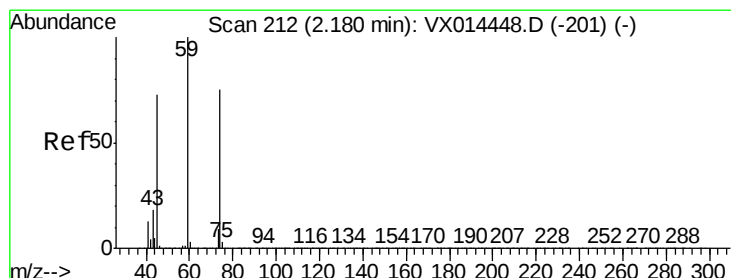
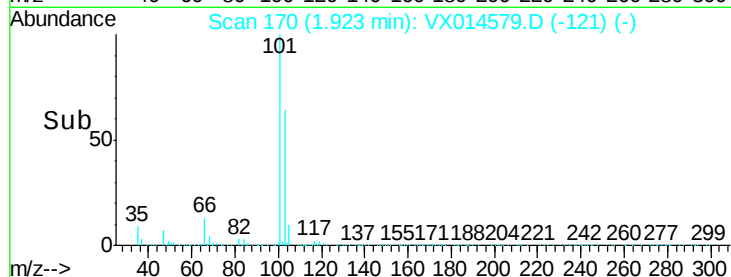
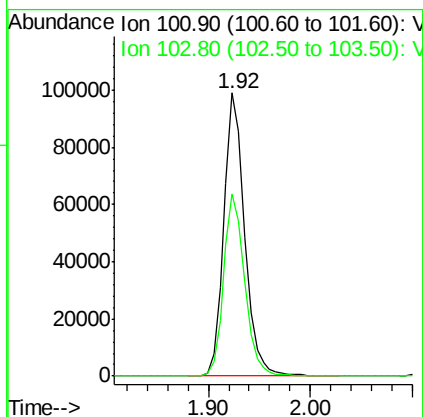
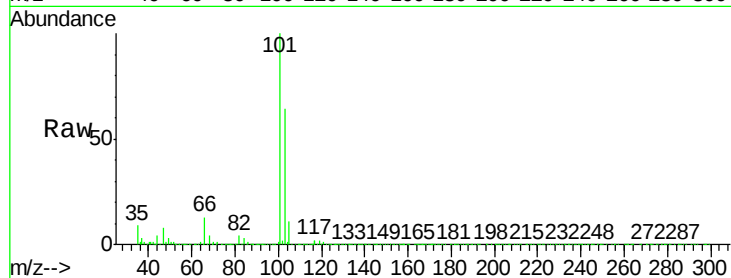
Trichlorofluoromethane
Concen: 19.430 ug/l
RT: 1.92 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX014579.D
Acq: 13 Jan 2020 12:15

Instrument :
MSVOA_X
ClientSampleId :
VX0113WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.4	52.2	78.4

Manual Integrations
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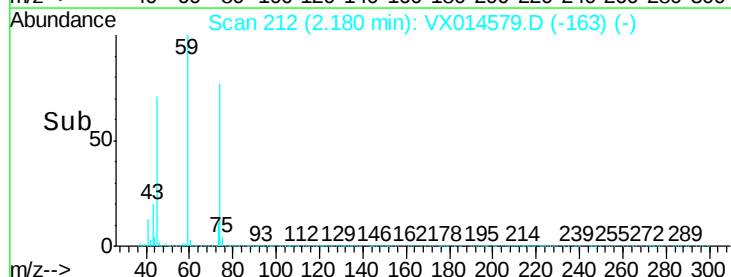
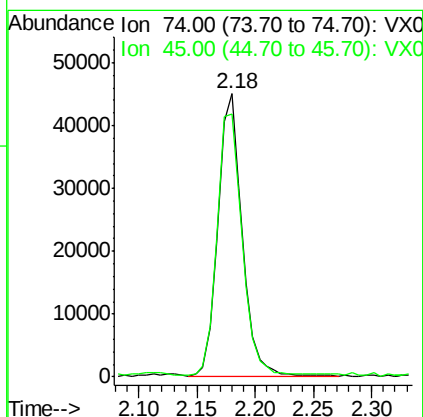
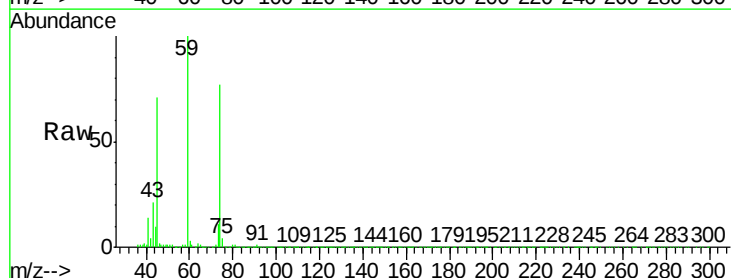
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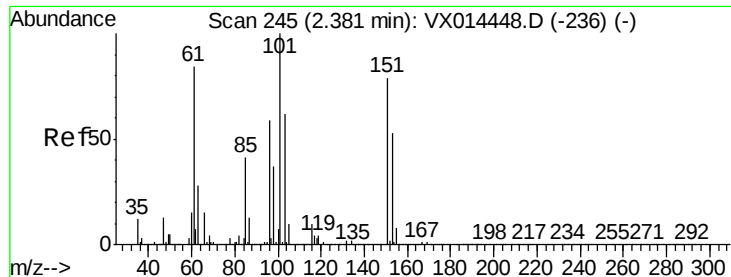


#8

Diethyl Ether
Concen: 19.777 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX014579.D
Acq: 13 Jan 2020 12:15

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.6	48.7	146.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.690 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX014579.D

Acq: 13 Jan 2020 12:15

Instrument :

MSVOA_X

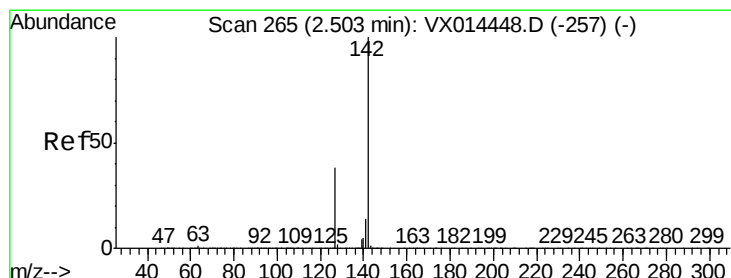
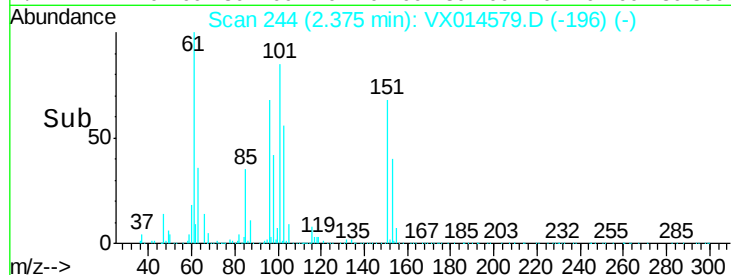
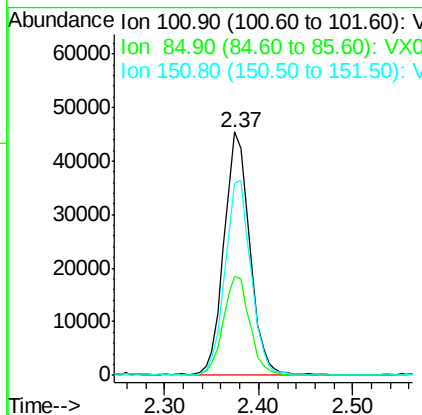
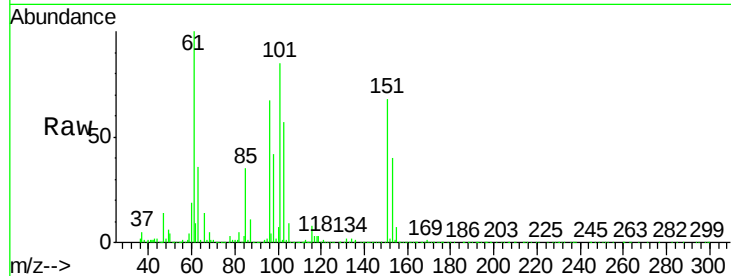
ClientSampleId :

VX0113WBSD01

Tot Ion:	101	Resp:	86096
Ion Ratio	Lower	Upper	
101	100		
85	42.0	33.8	50.8
151	81.2	65.3	97.9

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#10

Methyl Iodide

Concen: 19.344 ug/l

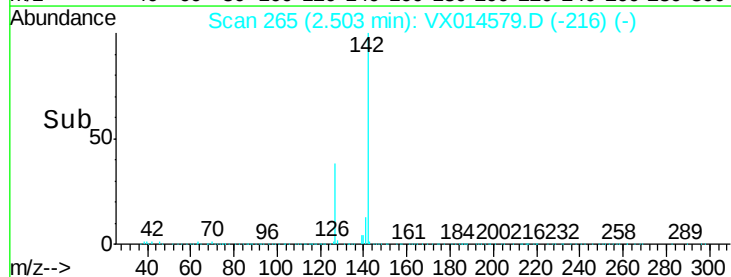
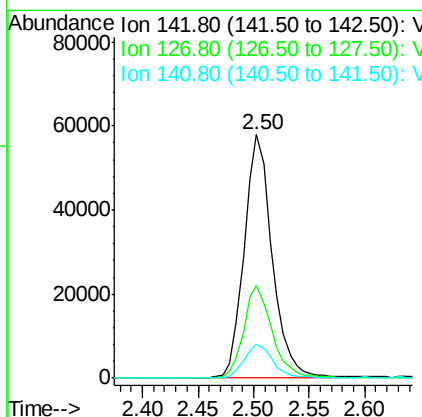
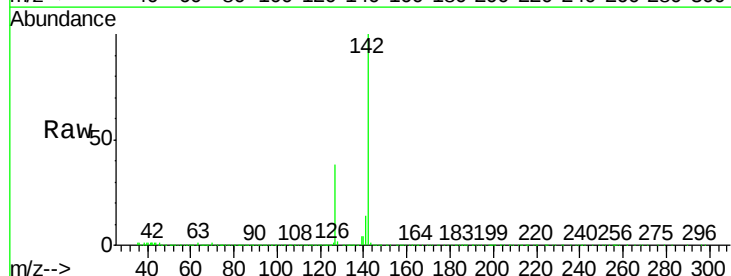
RT: 2.50 min Scan# 265

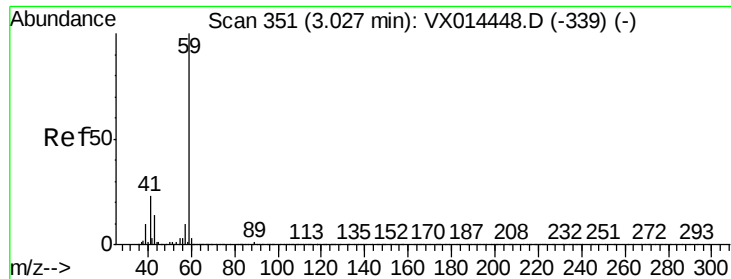
Delta R.T. -0.00 min

Lab File: VX014579.D

Acq: 13 Jan 2020 12:15

Tgt Ion:	142	Resp:	101282
Ion Ratio	Lower	Upper	
142	100		
127	38.2	31.2	46.8
141	14.3	11.4	17.2





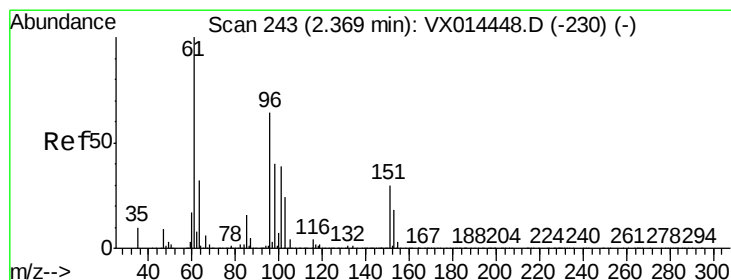
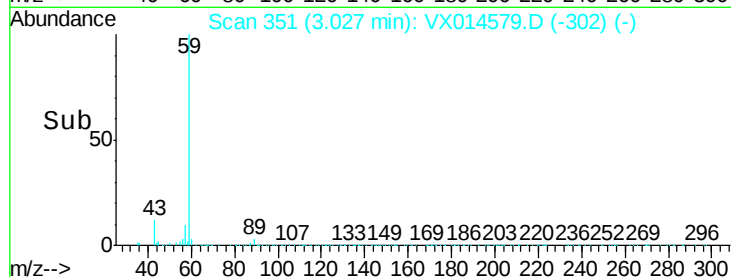
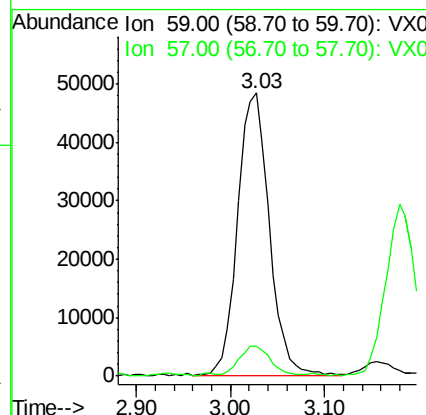
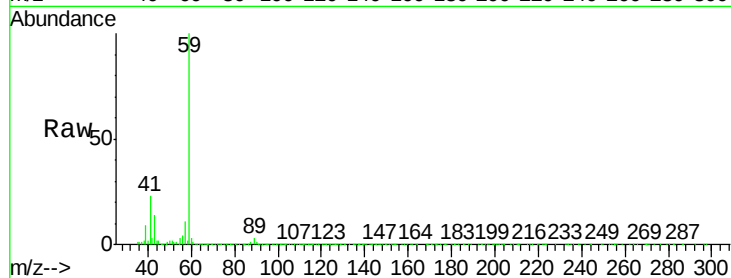
#11
Tert butyl alcohol
Concen: 108.525 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.00 min
Lab File: VX014579.D
Acq: 13 Jan 2020 12:15

Instrument :
MSVOA_X
ClientSampleId :
VX0113WBSD01

Tot Ion: 59 Resp: 112836
Ion Ratio Lower Upper
59 100
57 10.0 8.5 12.7

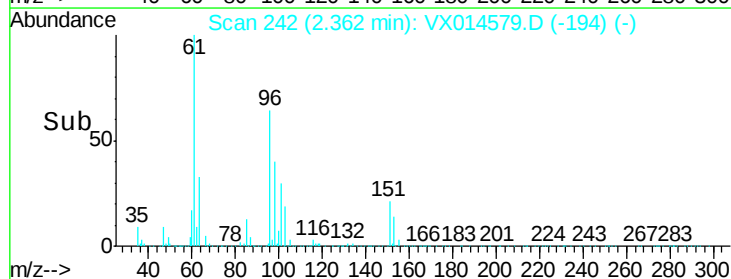
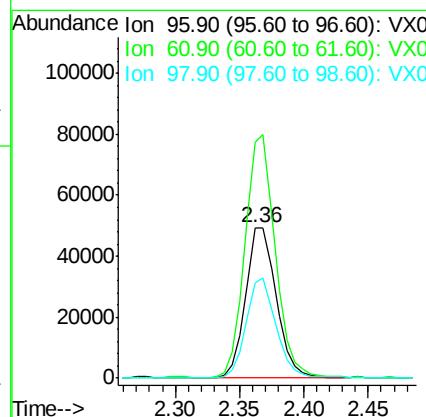
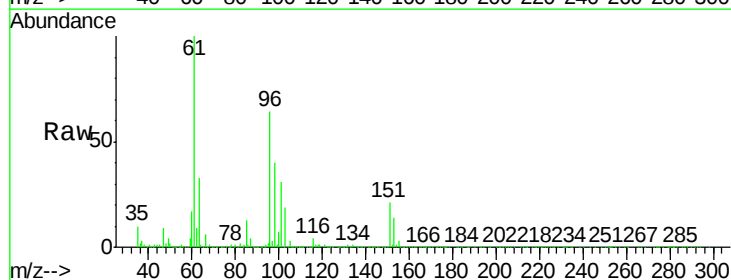
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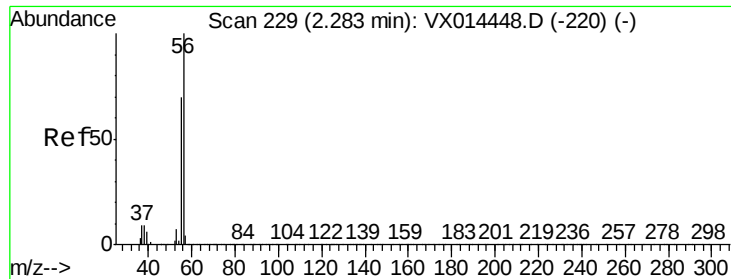
MMDadoda
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#12
1,1-Dichloroethene
Concen: 18.339 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.01 min
Lab File: VX014579.D
Acq: 13 Jan 2020 12:15

Tgt Ion: 96 Resp: 80792
Ion Ratio Lower Upper
96 100
61 156.3 125.0 187.6
98 63.2 50.2 75.2





#13

Acrolein

Concen: 77.404 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX014579.D

Acq: 13 Jan 2020 12:15

Instrument :

MSVOA_X

ClientSampleId :

VX0113WBSD01

Tot Ion: 56 Resp: 64506

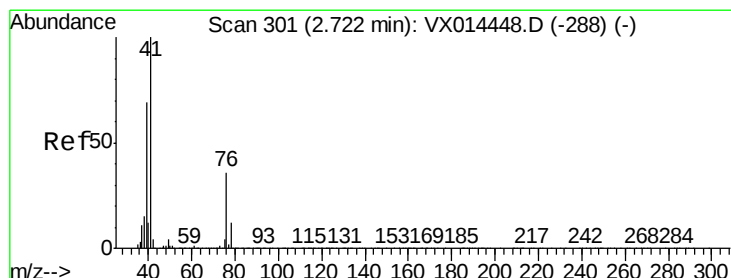
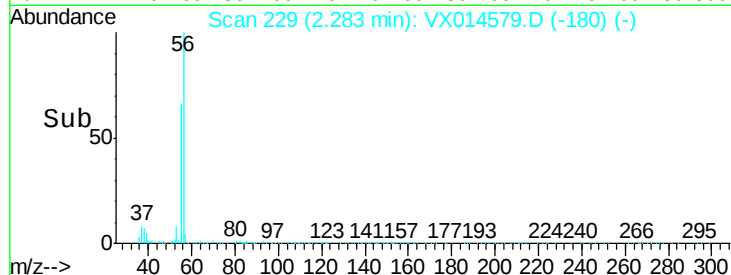
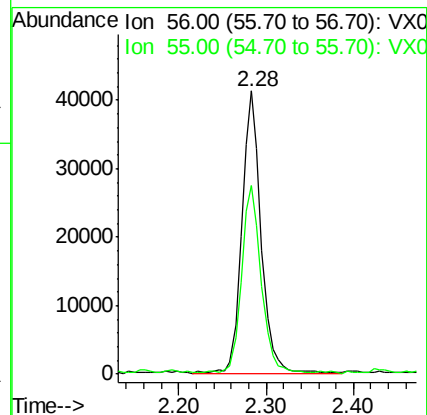
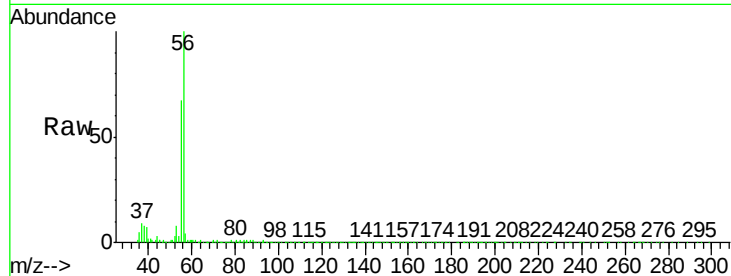
Ion Ratio Lower Upper

56 100

55 65.4 55.0 82.6

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#14

Allyl chloride

Concen: 19.270 ug/l

RT: 2.72 min Scan# 301

Delta R.T. -0.00 min

Lab File: VX014579.D

Acq: 13 Jan 2020 12:15

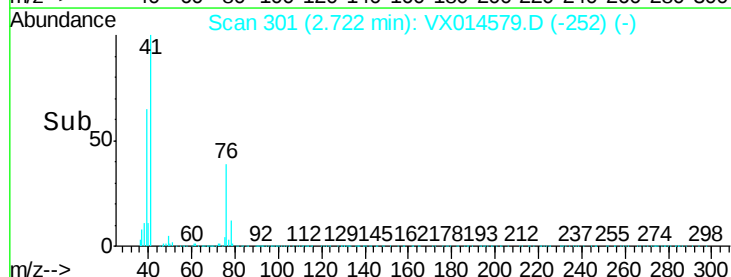
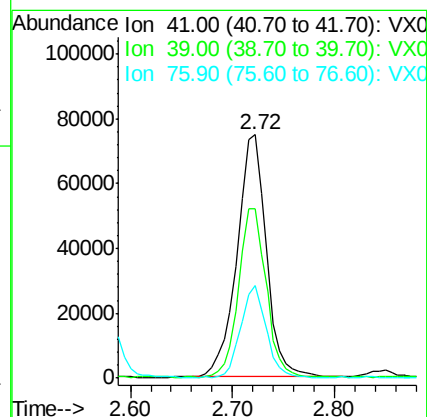
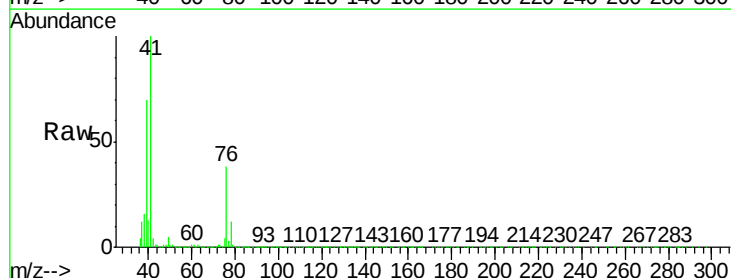
Tgt Ion: 41 Resp: 149045

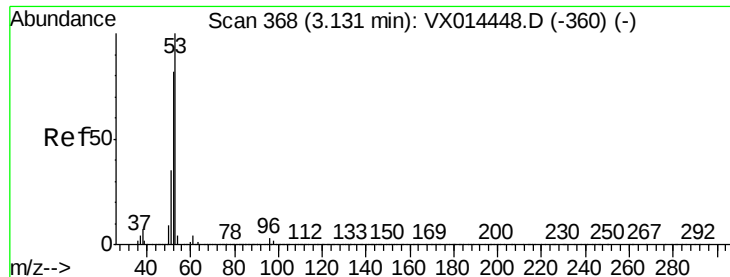
Ion Ratio Lower Upper

41 100

39 66.4 51.7 77.5

76 32.6 26.8 40.2





#15

Acrylonitrile

Concen: 102.604 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX014579.D

Acq: 13 Jan 2020 12:15

Instrument :

MSVOA_X

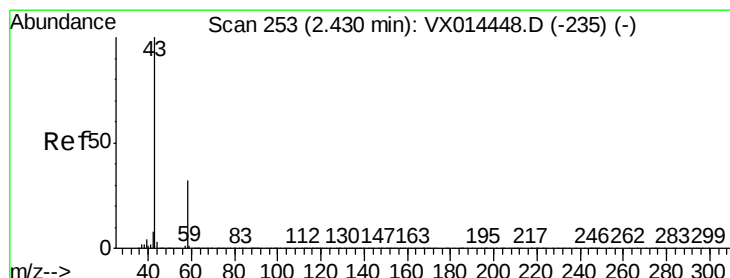
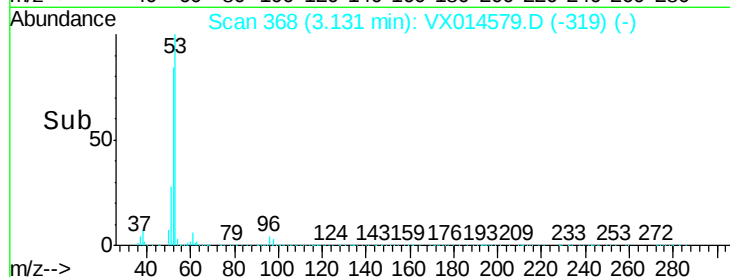
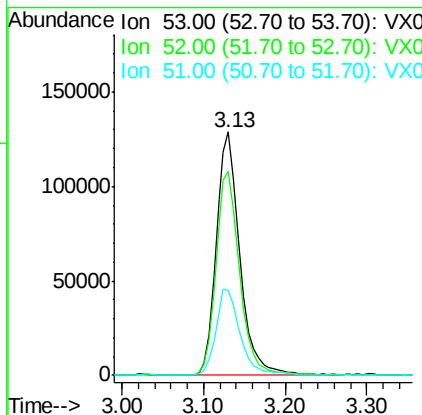
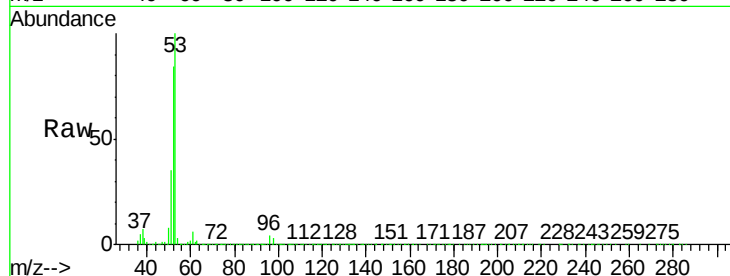
ClientSampleId :

VX0113WBSD01

Tot Ion:	53	Resp:	257476
Ion Ratio		Lower	Upper
53	100		
52	85.1	67.0	100.4
51	36.4	28.5	42.7

Manual Integrations
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#16

Acetone

Concen: 109.017 ug/l

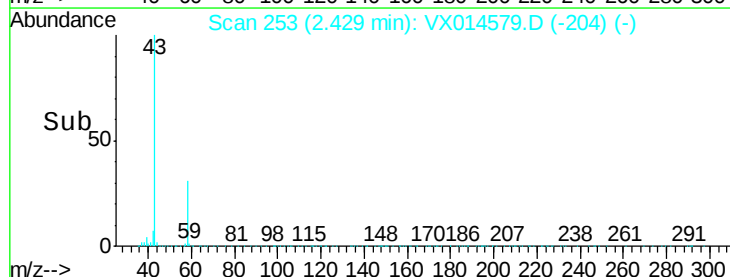
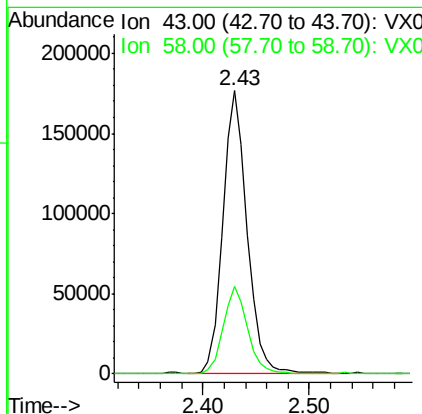
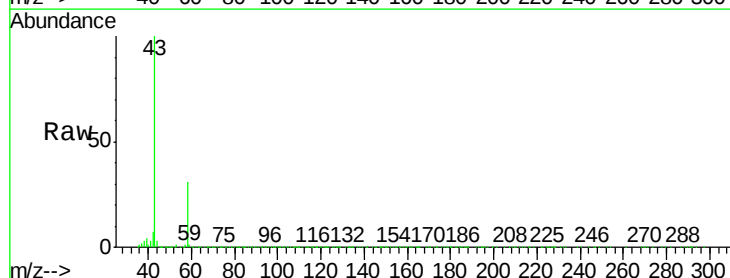
RT: 2.43 min Scan# 253

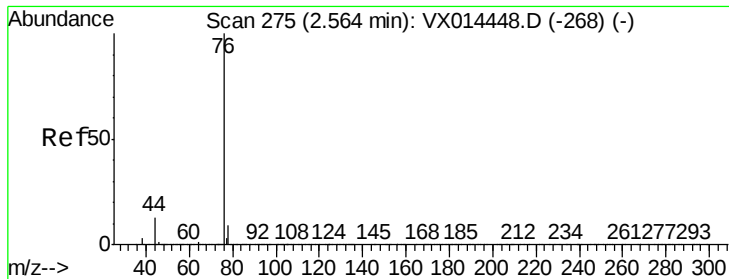
Delta R.T. 0.00 min

Lab File: VX014579.D

Acq: 13 Jan 2020 12:15

Tgt Ion:	43	Resp:	278072
Ion Ratio		Lower	Upper
43	100		
58	30.9	25.4	38.0





#17

Carbon Disulfide

Concen: 17.972 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.00 min

Lab File: VX014579.D

Acq: 13 Jan 2020 12:15

Instrument :

MSVOA_X

ClientSampleId :

VX0113WBSD01

Tot Ion: 76 Resp: 220928

Ion Ratio Lower Upper

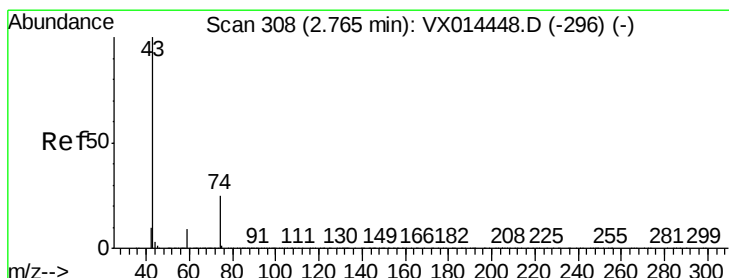
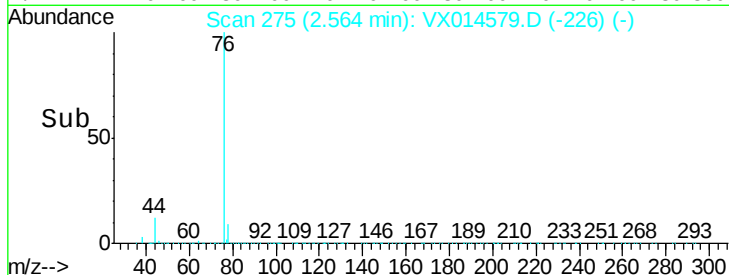
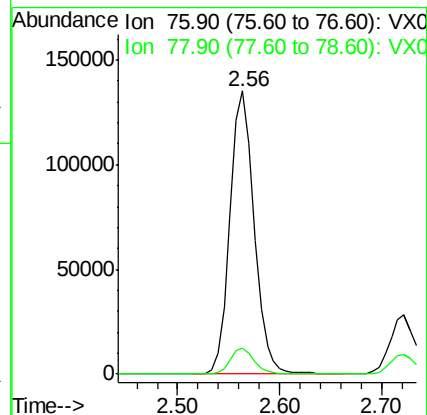
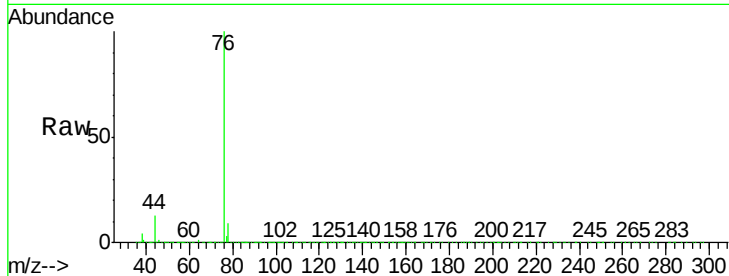
76 100

78 9.3 7.4 11.2

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#18

Methyl Acetate

Concen: 22.303 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014579.D

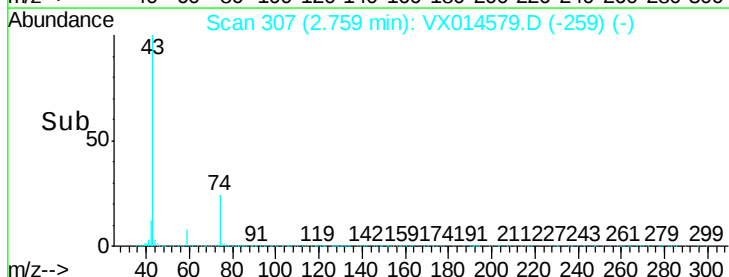
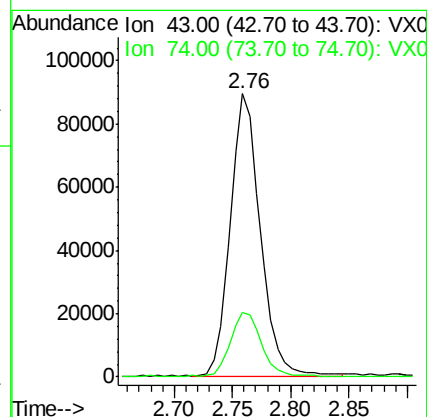
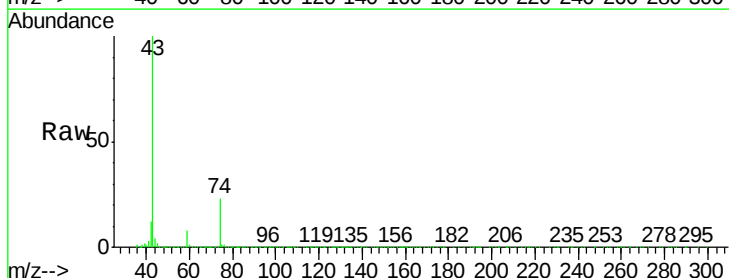
Acq: 13 Jan 2020 12:15

Tgt Ion: 43 Resp: 159620

Ion Ratio Lower Upper

43 100

74 24.1 19.4 29.2





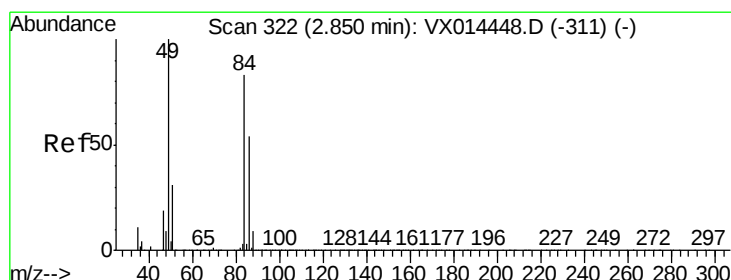
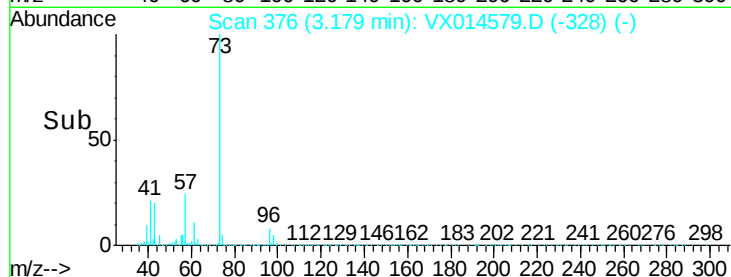
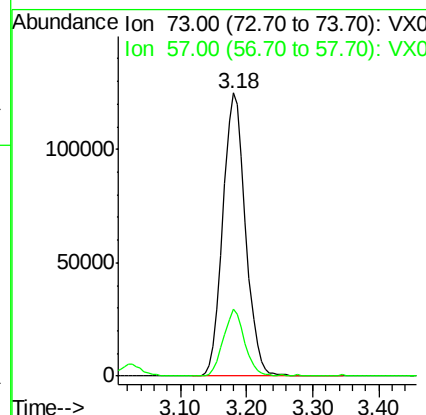
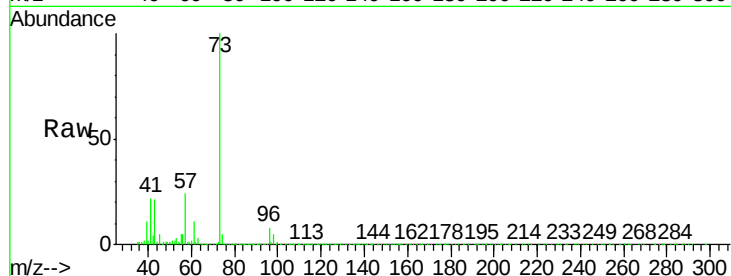
#19
Methyl tert-butyl Ether
Concen: 20.877 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014579.D
Acq: 13 Jan 2020 12:15

Instrument :
MSVOA_X
ClientSampleId :
VX0113WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.5	17.8	26.8

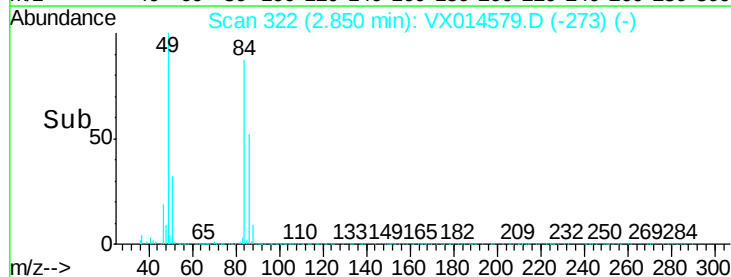
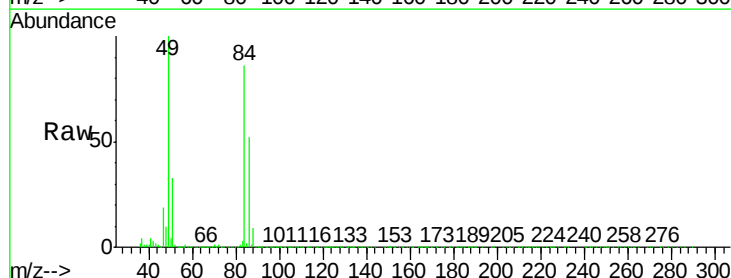
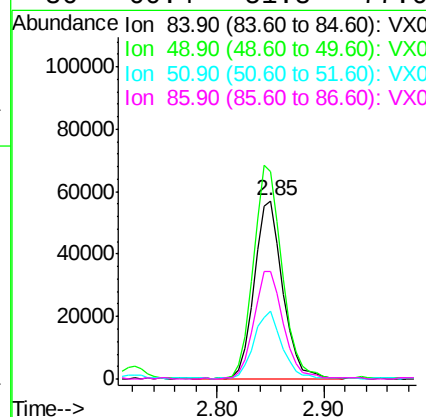
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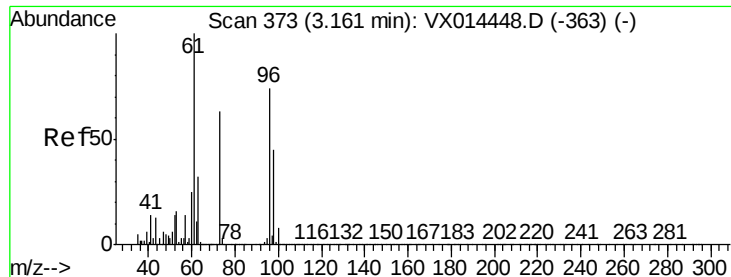
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#20
Methylene Chloride
Concen: 21.298 ug/l
RT: 2.85 min Scan# 322
Delta R.T. -0.00 min
Lab File: VX014579.D
Acq: 13 Jan 2020 12:15

Tgt Ion	Ratio	Lower	Upper
84	100		
49	116.1	95.8	143.8
51	37.6	30.2	45.4
86	60.4	51.8	77.6





#21

trans-1,2-Dichloroethene

Concen: 18.574 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX014579.D

Acq: 13 Jan 2020 12:15

Instrument :

MSVOA_X

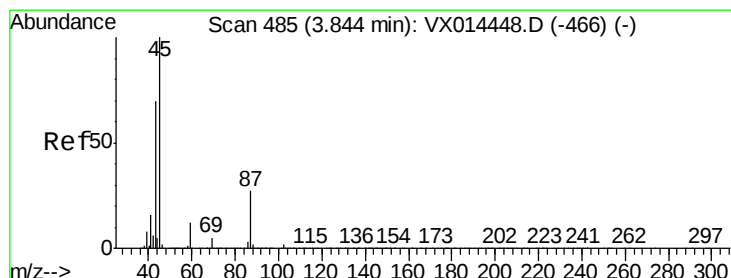
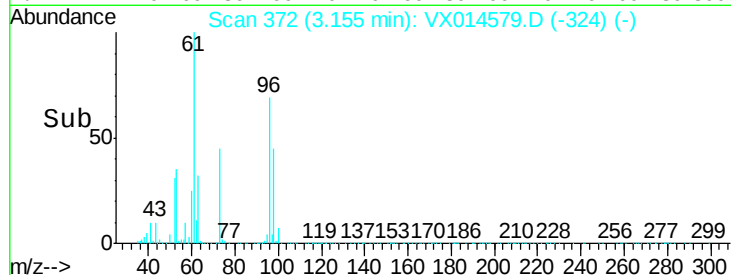
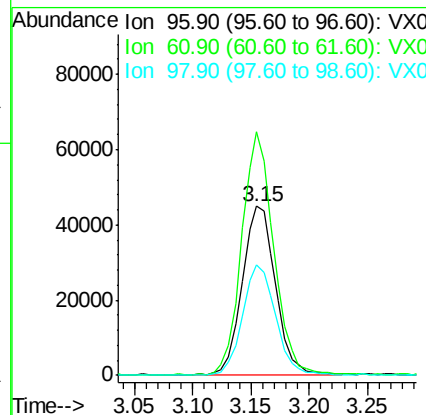
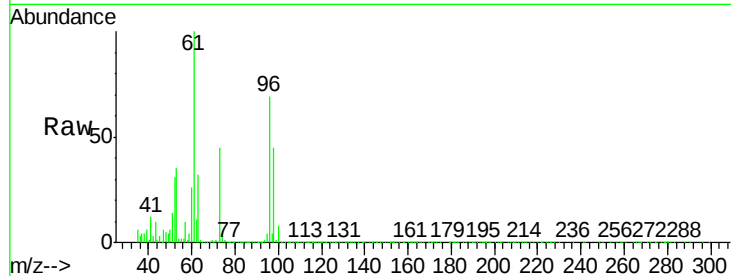
ClientSampleId :

VX0113WBSD01

Tot Ion:	96	Resp:	89334
Ion	Ratio	Lower	Upper
96	100		
61	144.2	108.2	162.4
98	65.1	48.8	73.2

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#22

Diisopropyl ether

Concen: 20.745 ug/l

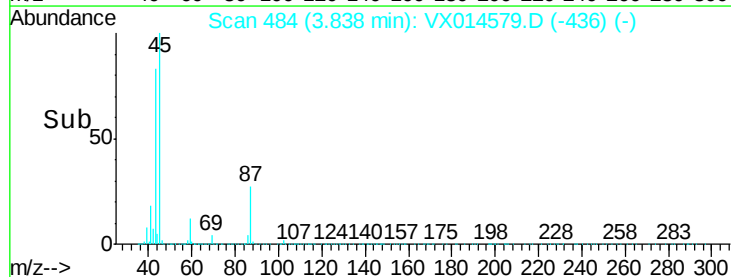
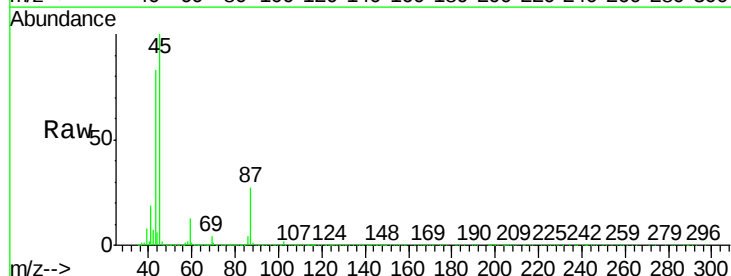
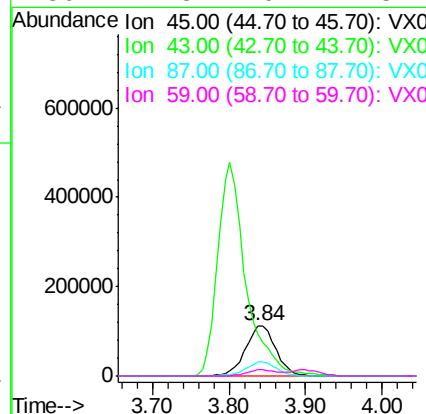
RT: 3.84 min Scan# 484

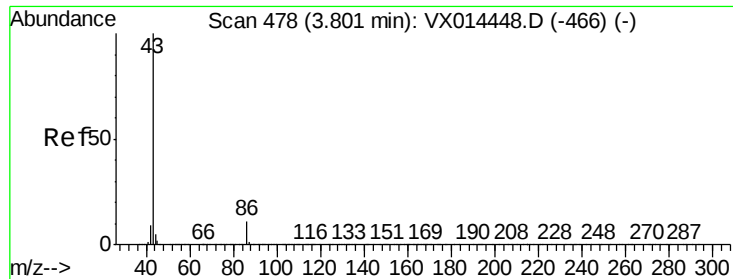
Delta R.T. -0.01 min

Lab File: VX014579.D

Acq: 13 Jan 2020 12:15

Tgt Ion:	45	Resp:	310087
Ion	Ratio	Lower	Upper
45	100		
43	82.8	55.8	83.6
87	27.1	21.8	32.8
59	12.3	9.1	13.7





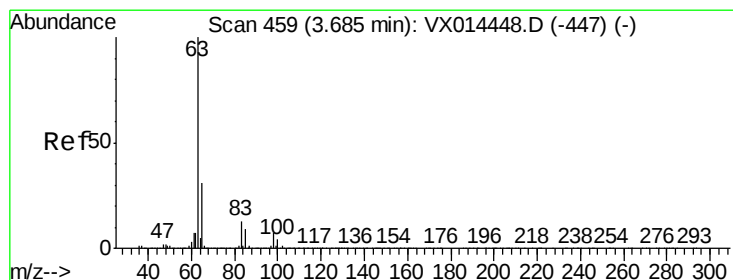
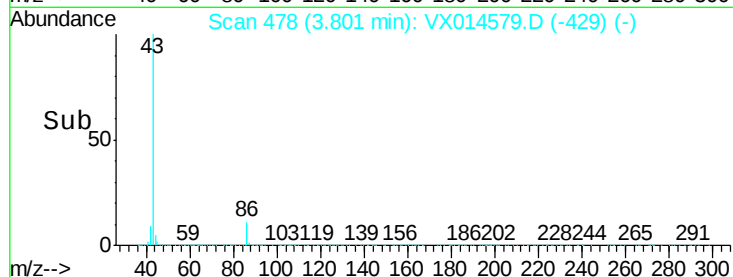
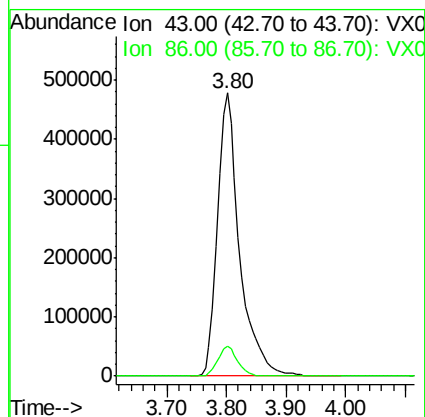
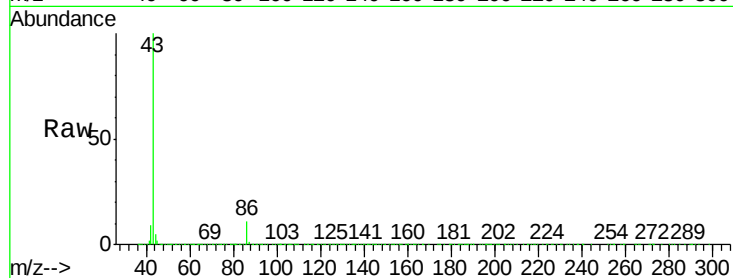
#23
 Vinyl Acetate
 Concen: 105.974 ug/l
 RT: 3.80 min Scan# 478
 Delta R.T. -0.00 min
 Lab File: VX014579.D
 Acq: 13 Jan 2020 12:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0113WBSD01

Tot Ion: 43 Resp: 1226399
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.4 12.6

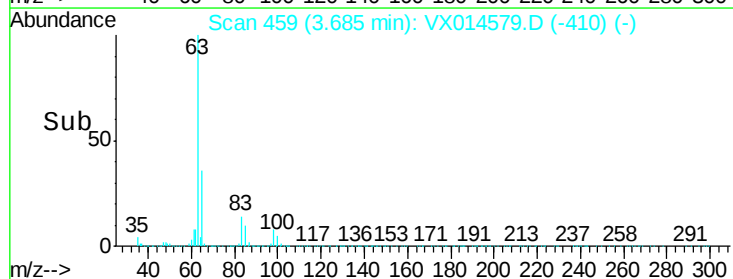
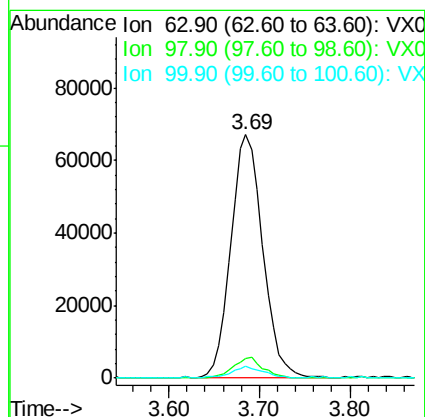
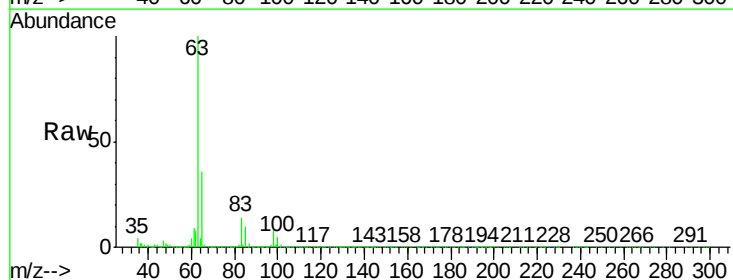
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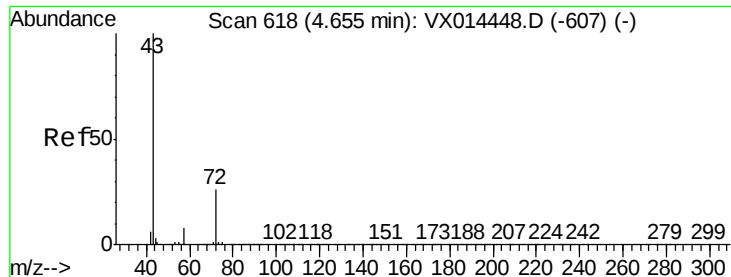
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#24
 1,1-Dichloroethane
 Concen: 20.232 ug/l
 RT: 3.69 min Scan# 459
 Delta R.T. -0.00 min
 Lab File: VX014579.D
 Acq: 13 Jan 2020 12:15

Tgt Ion: 63 Resp: 164511
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.6 10.9
 100 4.6 2.3 6.8





#25

2-Butanone

Concen: 104.258 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.00 min

Lab File: VX014579.D

Acq: 13 Jan 2020 12:15

Instrument :

MSVOA_X

ClientSampleId :

VX0113WBSD01

Tot Ion: 43 Resp: 387798

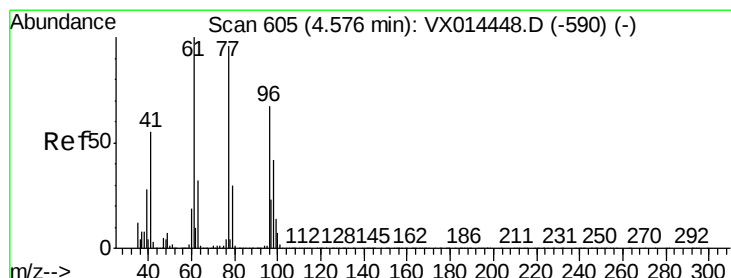
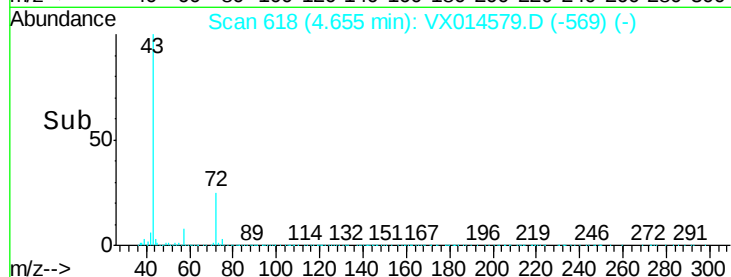
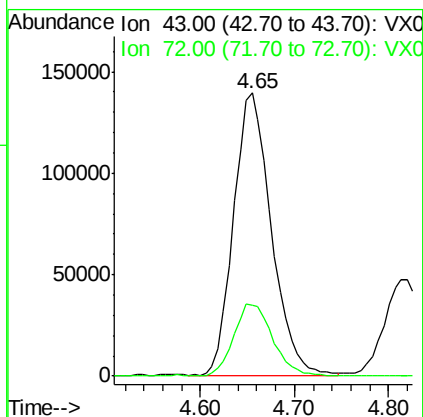
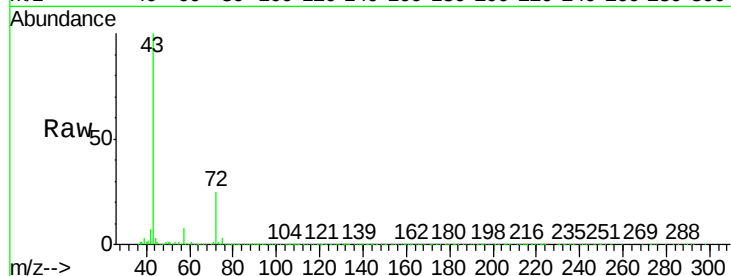
Ion Ratio Lower Upper

43 100

72 25.0 20.6 31.0

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 19.063 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014579.D

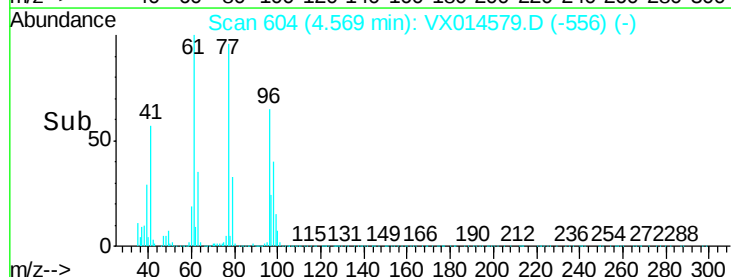
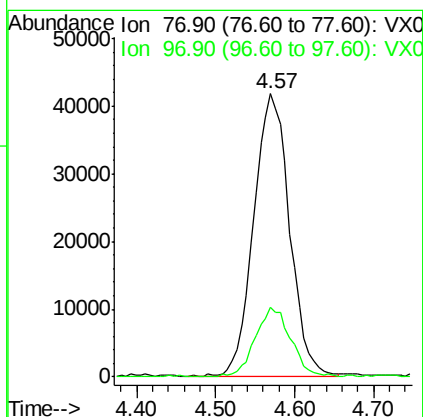
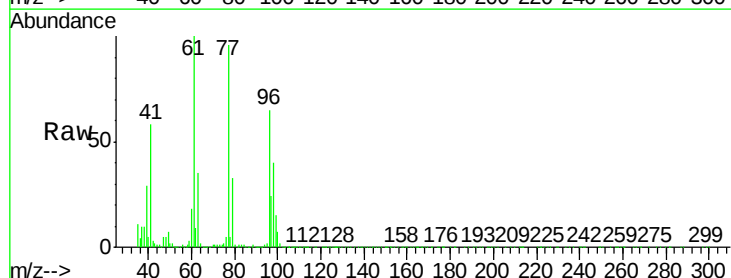
Acq: 13 Jan 2020 12:15

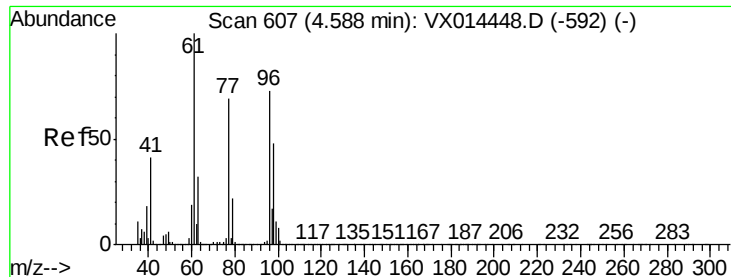
Tgt Ion: 77 Resp: 131309

Ion Ratio Lower Upper

77 100

97 24.7 11.7 35.1





#27

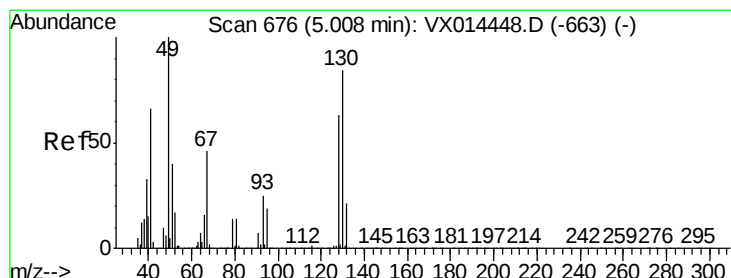
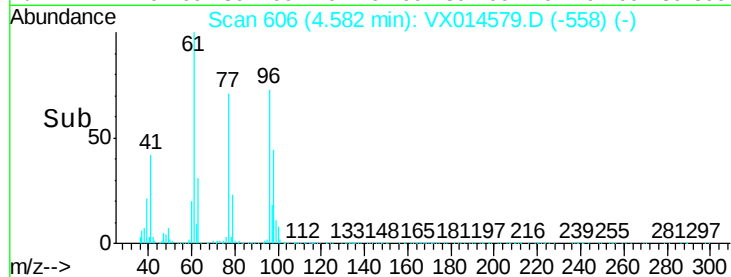
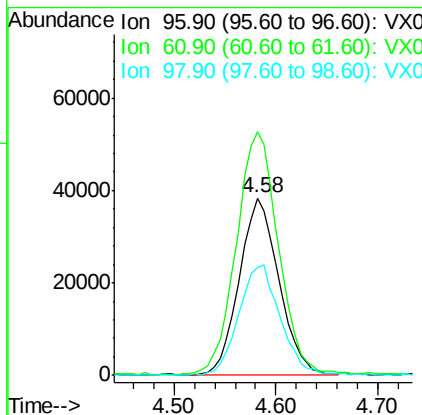
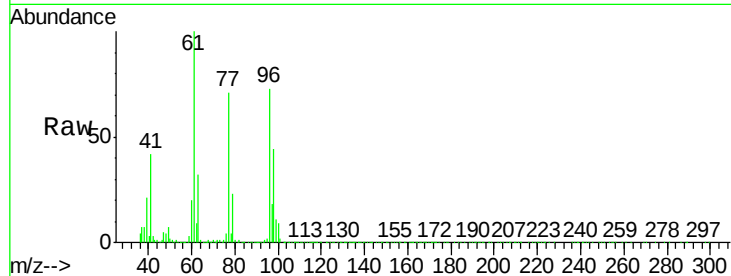
cis-1,2-Dichloroethene
Concen: 19.196 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX014579.D
Acq: 13 Jan 2020 12:15

Instrument :
MSVOA_X
ClientSampleId :
VX0113WBSD01

Tot Ion	Ratio	Resp Lower	Upper
96	100		
61	146.3	0.0	285.4
98	65.1	0.0	130.6

Manual Integrations
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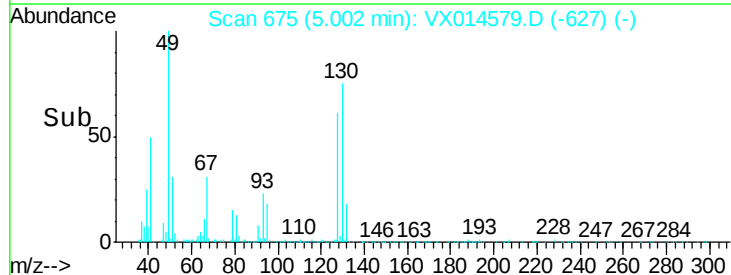
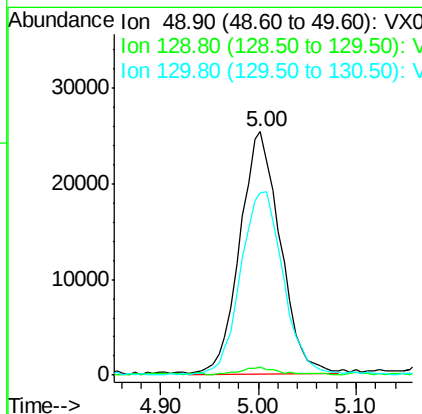
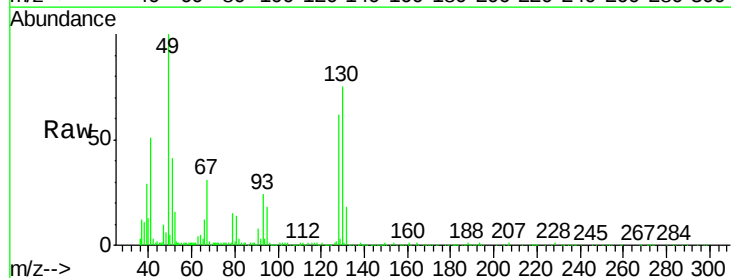
MMDadoda
1/14/2020 3:08:58 PM



#28

Bromochloromethane
Concen: 21.253 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX014579.D
Acq: 13 Jan 2020 12:15

Tgt Ion	Ratio	Resp Lower	Upper
49	100		
129	3.3	0.0	4.4
130	79.3	67.0	100.4





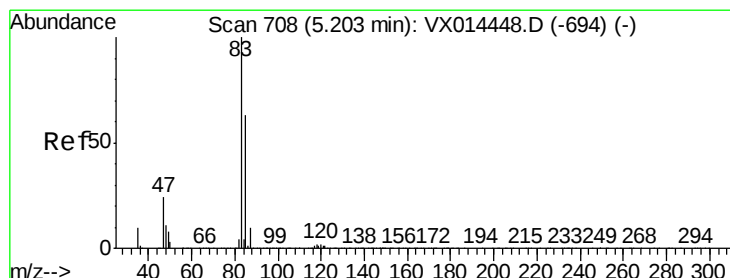
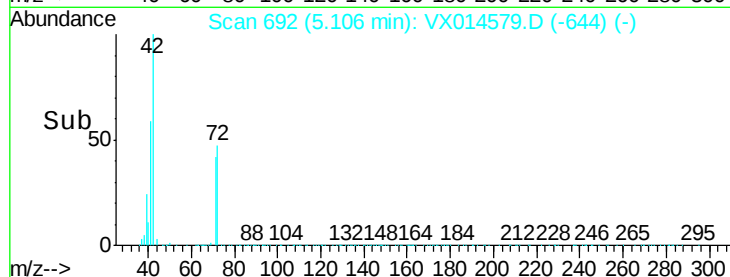
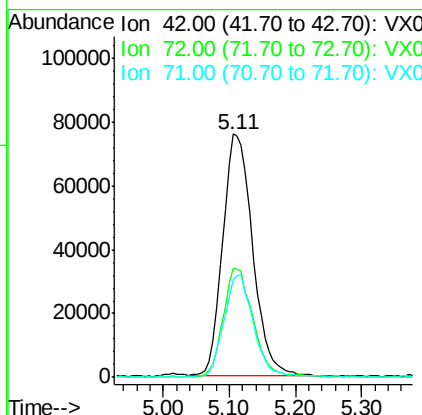
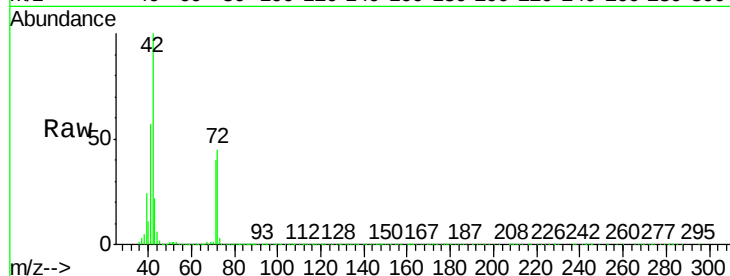
#29
Tetrahydrofuran
Concen: 108.198 ug/l
RT: 5.11 min Scan# 692
Delta R.T. -0.01 min
Lab File: VX014579.D
Acq: 13 Jan 2020 12:15

Instrument :
MSVOA_X
ClientSampleId :
VX0113WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.8	36.2	54.4
71	41.4	34.1	51.1

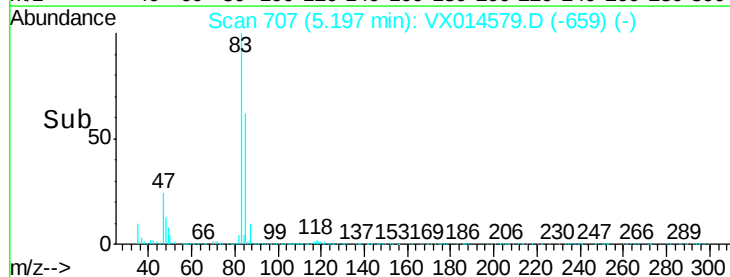
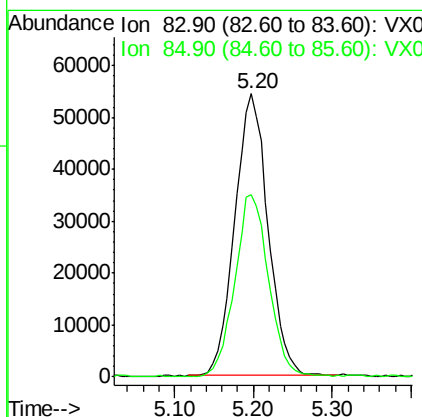
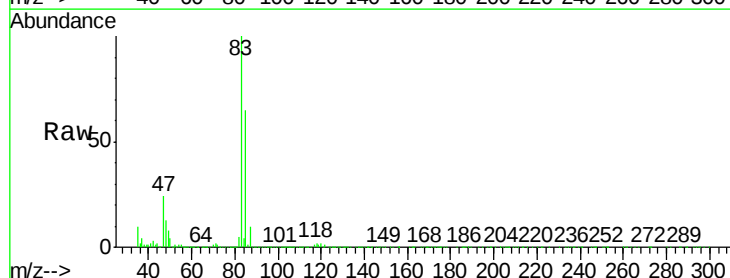
Manual Integrations
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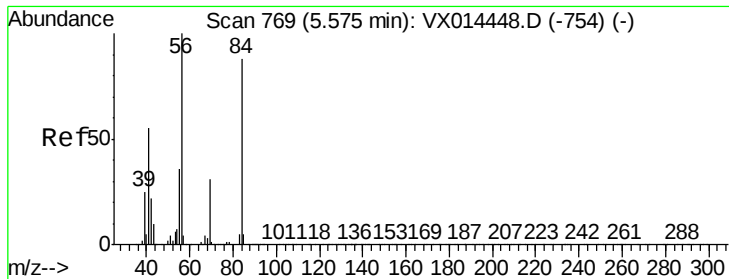
MMDadoda
1/14/2020 3:08:58 PM



#30
Chloroform
Concen: 20.017 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX014579.D
Acq: 13 Jan 2020 12:15

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.5	50.6	75.8





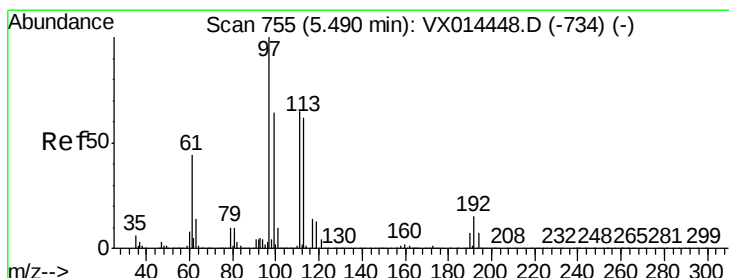
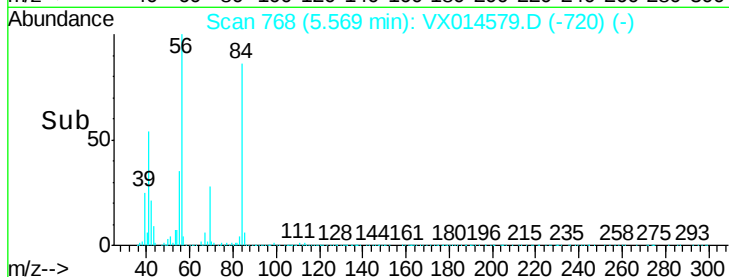
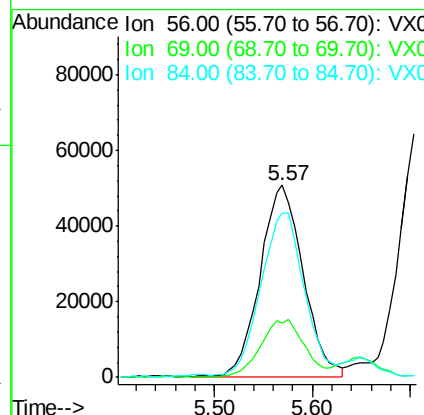
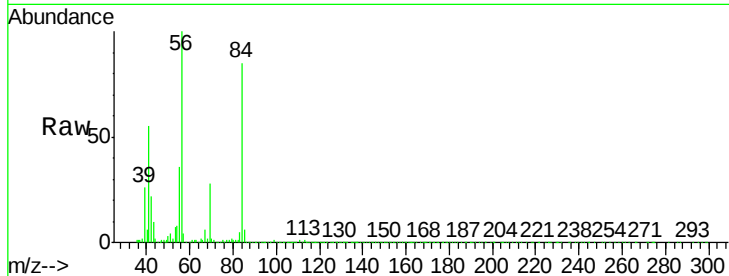
#31
Cyclohexane
Concen: 20.257 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.01 min
Lab File: VX014579.D
Acq: 13 Jan 2020 12:15

Instrument :
MSVOA_X
ClientSampleId :
VX0113WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	28.0	24.4	36.6
84	83.9	70.6	106.0

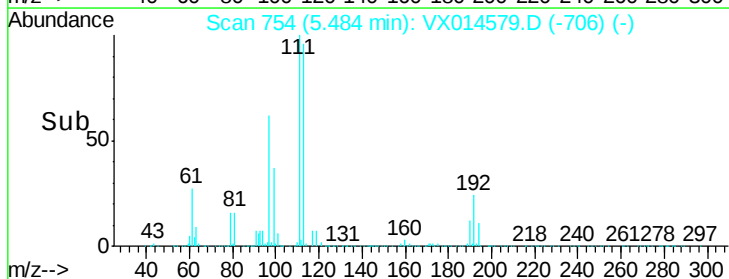
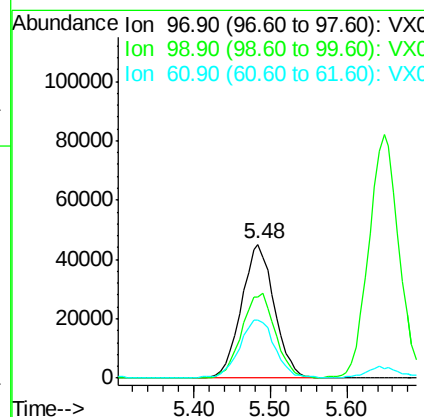
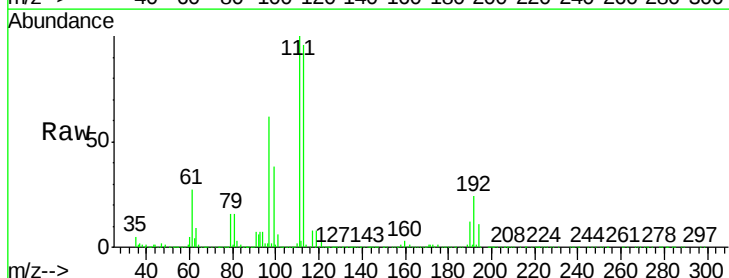
Manual Integrations
APPROVED

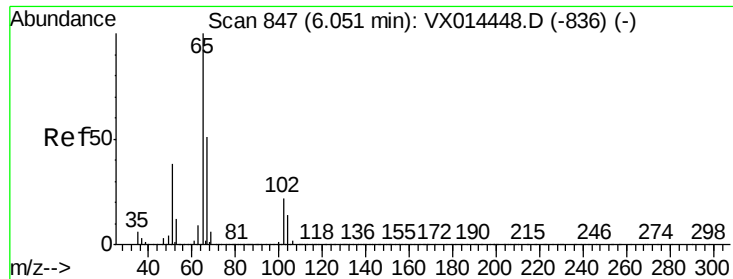
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1/14/2020 3:08:58 PM



#32
1,1,1-Trichloroethane
Concen: 19.722 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014579.D
Acq: 13 Jan 2020 12:15

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.8	77.6
61	45.9	35.9	53.9





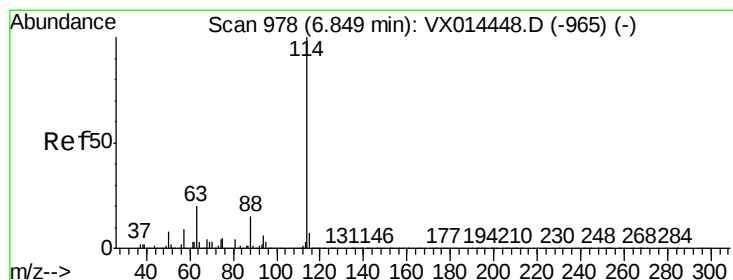
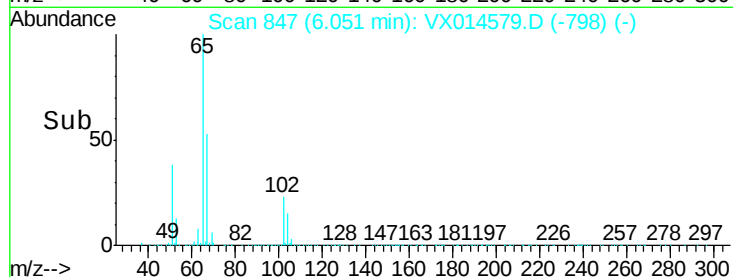
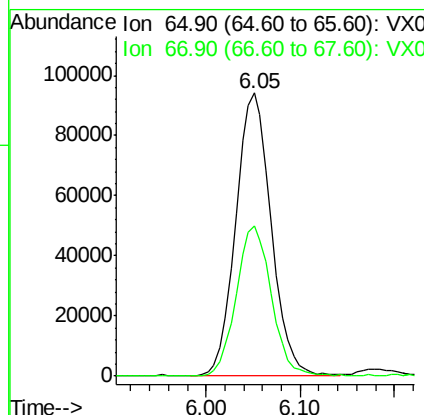
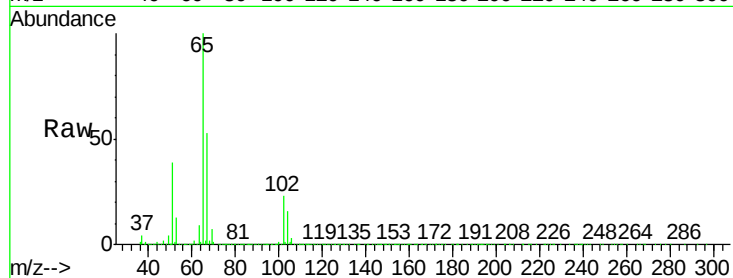
#33
 1,2-Dichloroethane-d4
 Concen: 49.327 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX014579.D
 Acq: 13 Jan 2020 12:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0113WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	245629		
67	52.4	0.0	106.2	

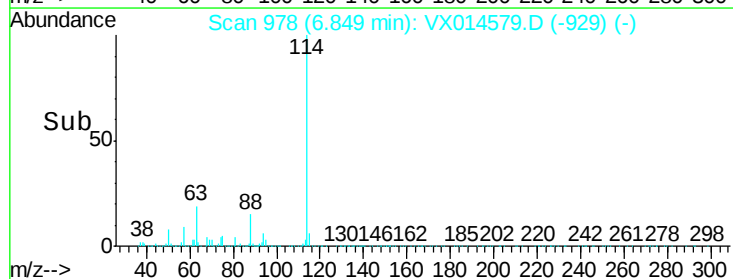
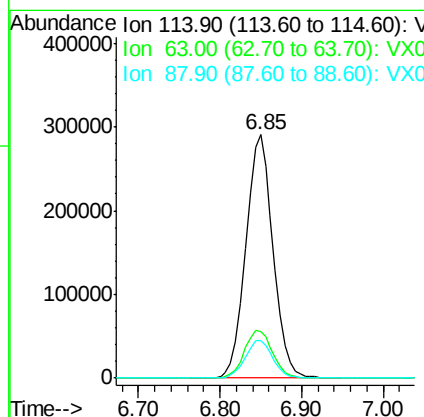
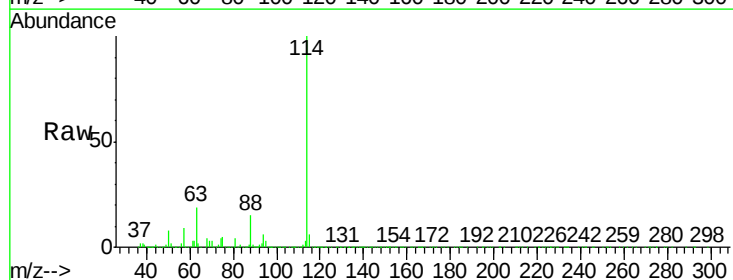
Manual Integrations
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX014579.D
 Acq: 13 Jan 2020 12:15

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	671306		
63	19.0	0.0	39.6	
88	15.2	0.0	30.8	





#35

Dibromofluoromethane

Concen: 48.699 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX014579.D

Acq: 13 Jan 2020 12:15

Instrument :

MSVOA_X

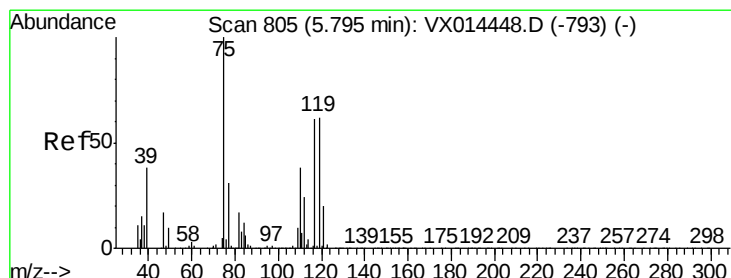
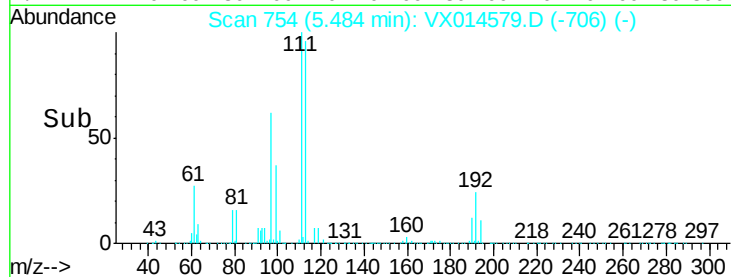
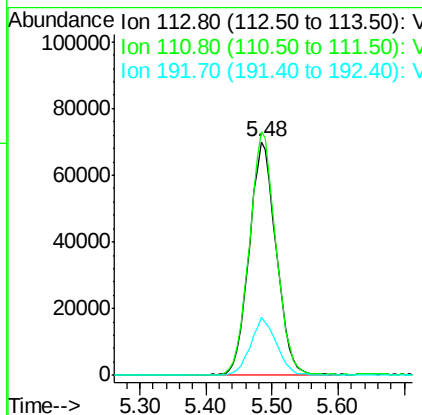
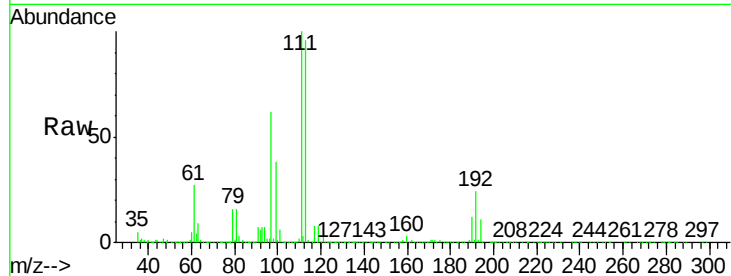
ClientSampleId :

VX0113WBSD01

Tot Ion:	113	Resp:	197900
Ion Ratio	Lower	Upper	
113	100		
111	103.8	81.5	122.3
192	24.0	19.2	28.8

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 19.401 ug/l

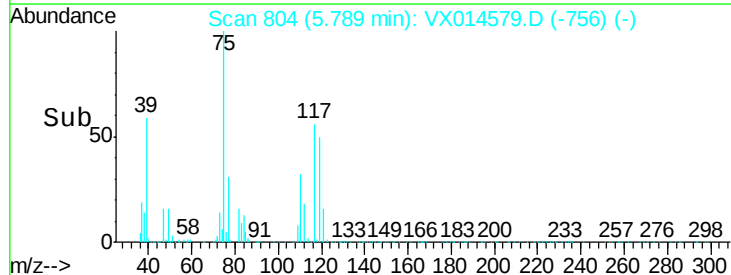
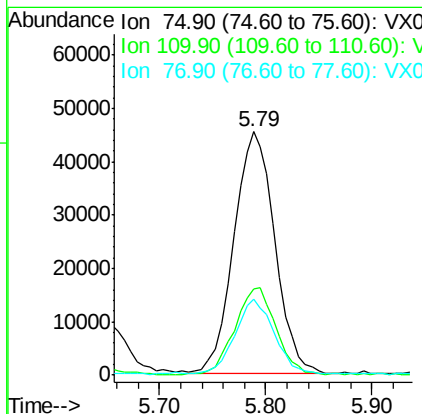
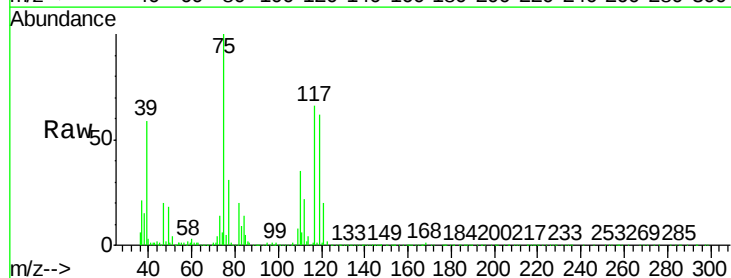
RT: 5.79 min Scan# 804

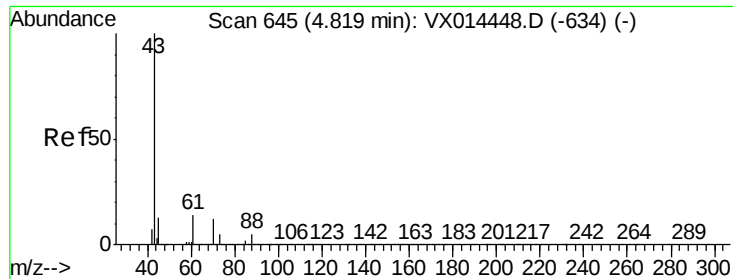
Delta R.T. -0.01 min

Lab File: VX014579.D

Acq: 13 Jan 2020 12:15

Tgt Ion:	75	Resp:	122480
Ion Ratio	Lower	Upper	
75	100		
110	35.6	18.6	55.8
77	29.6	24.5	36.7





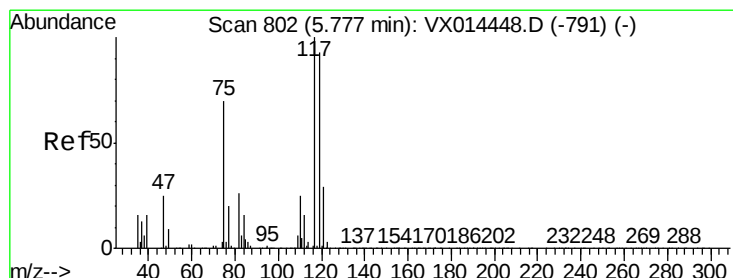
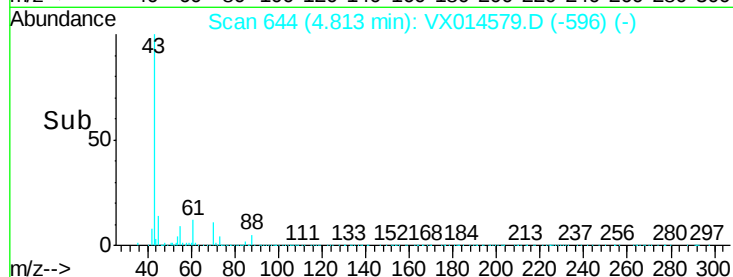
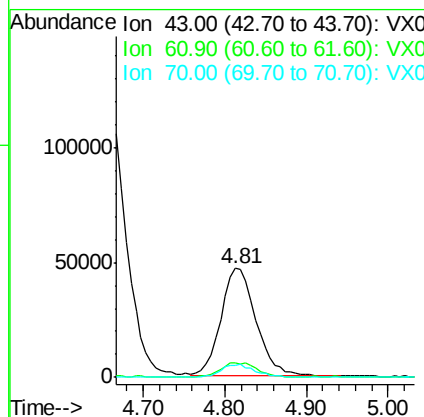
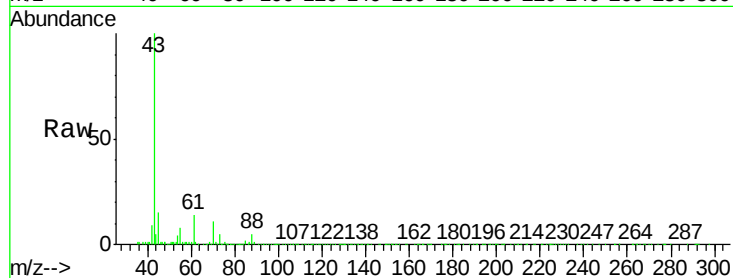
#37
Ethyl Acetate
Concen: 20.614 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014579.D
Acq: 13 Jan 2020 12:15

Instrument :
MSVOA_X
ClientSampleId :
VX0113WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.4	11.1	16.7
70	10.8	8.9	13.3

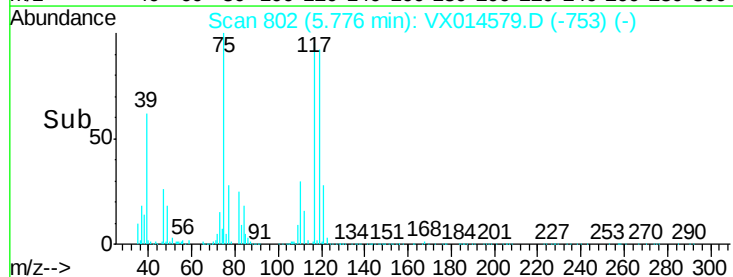
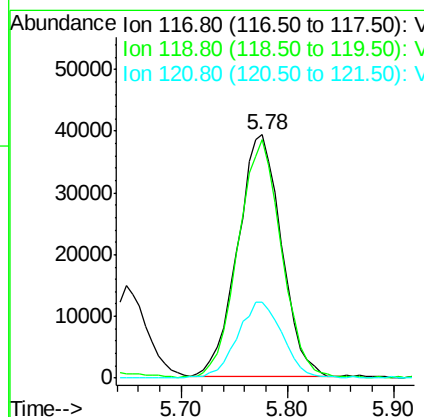
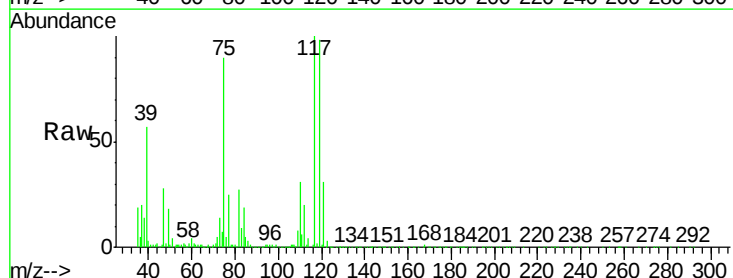
Manual Integrations
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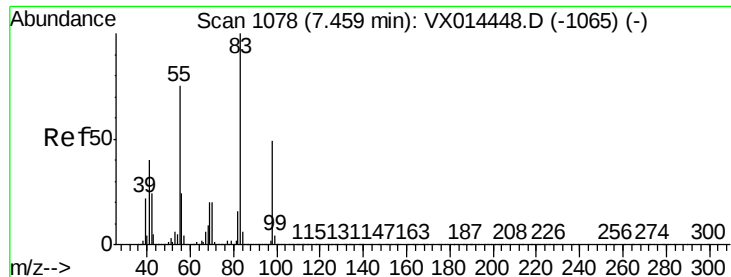
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#38
Carbon Tetrachloride
Concen: 19.444 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX014579.D
Acq: 13 Jan 2020 12:15

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.8	73.8	110.8
121	30.9	23.4	35.0





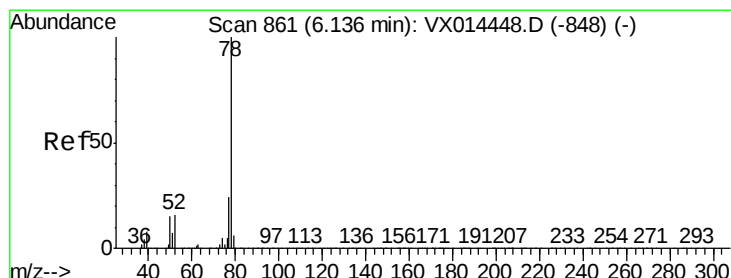
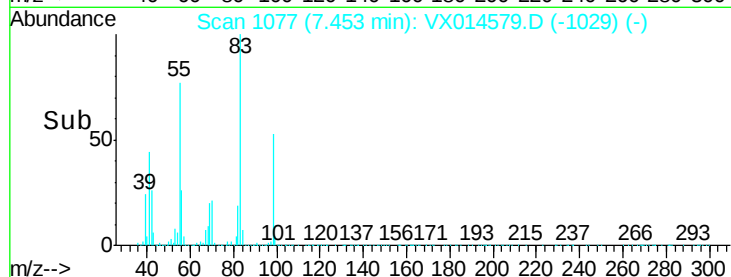
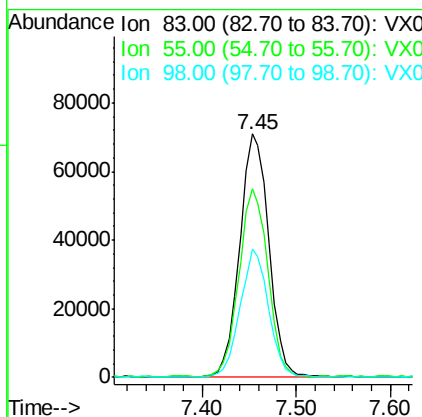
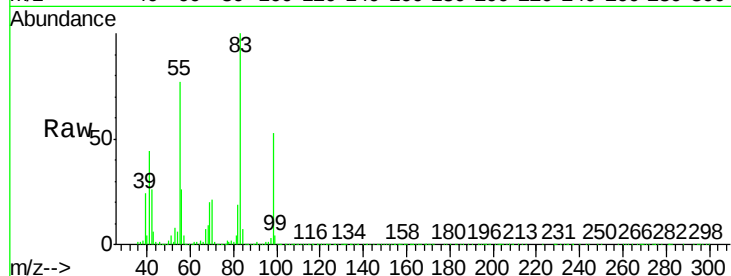
#39
Methvlcvclohexane
Concen: 19.201 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014579.D
Acq: 13 Jan 2020 12:15

Instrument :
MSVOA_X
ClientSampleId :
VX0113WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.7	59.7	89.5
98	52.6	39.1	58.7

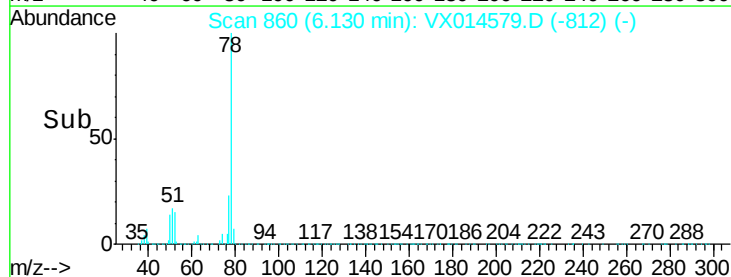
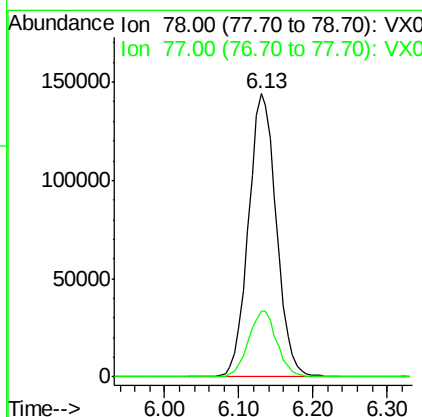
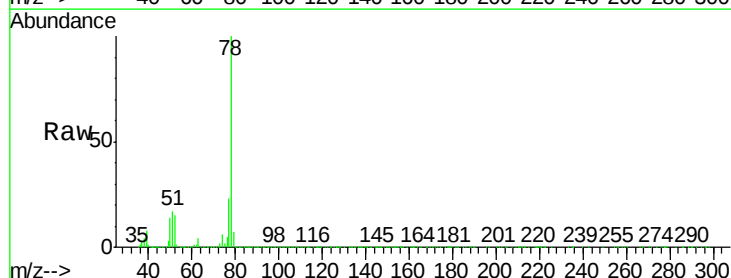
Manual Integrations
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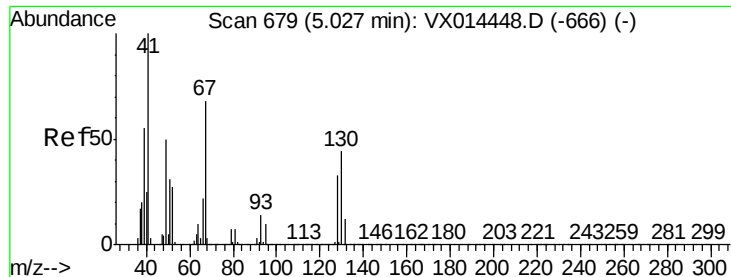
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#40
Benzene
Concen: 20.132 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014579.D
Acq: 13 Jan 2020 12:15

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.5	29.3





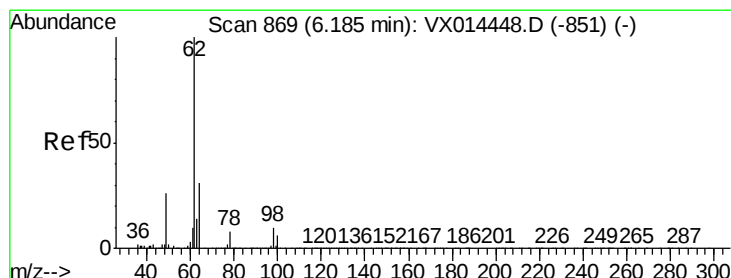
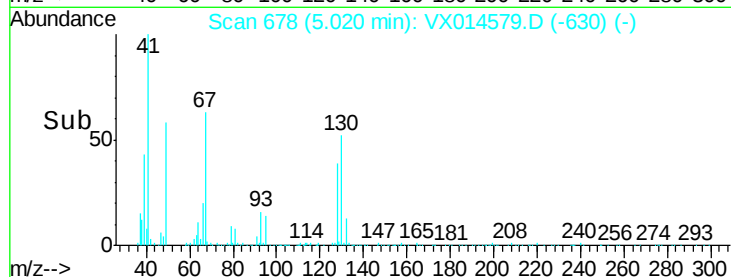
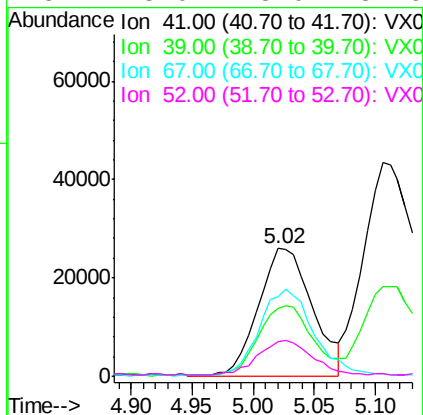
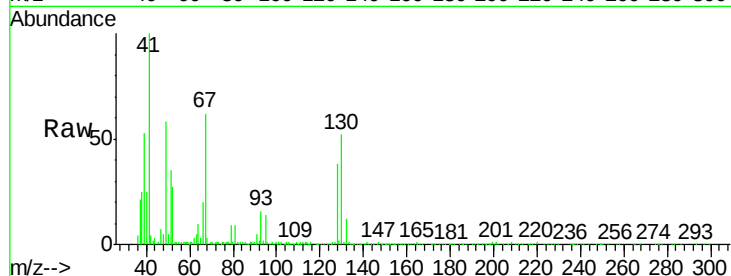
#41
Methacrylonitrile
Concen: 21.916 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX014579.D
Acq: 13 Jan 2020 12:15

Instrument :
MSVOA_X
ClientSampleId :
VX0113WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		80144		
39	53.6	43.6	65.4		
67	67.2	57.9	86.9		
52	28.0	23.0	34.6		

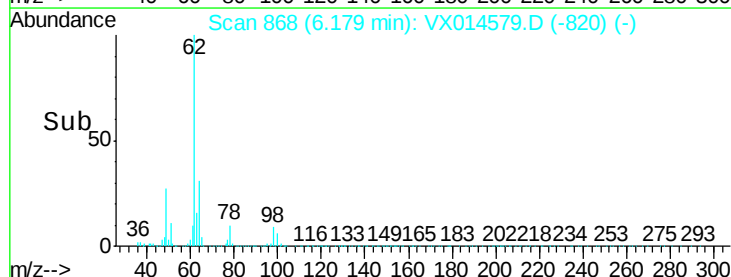
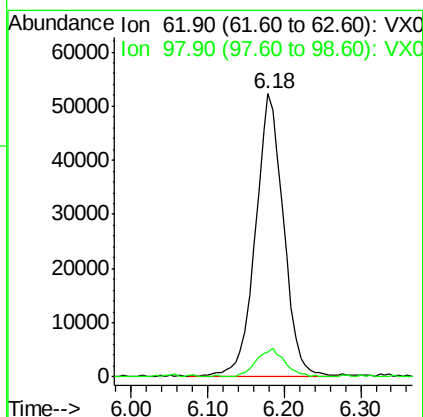
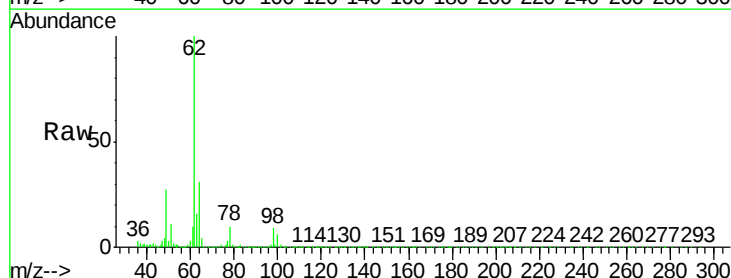
Manual Integrations
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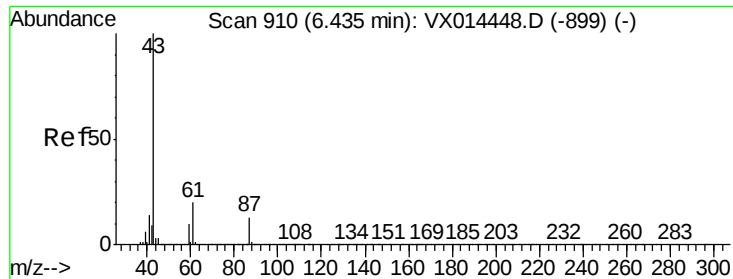
MMDadoda
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#42
1,2-Dichloroethane
Concen: 20.552 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014579.D
Acq: 13 Jan 2020 12:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		134642		
98	9.9	0.0	20.4		





#43

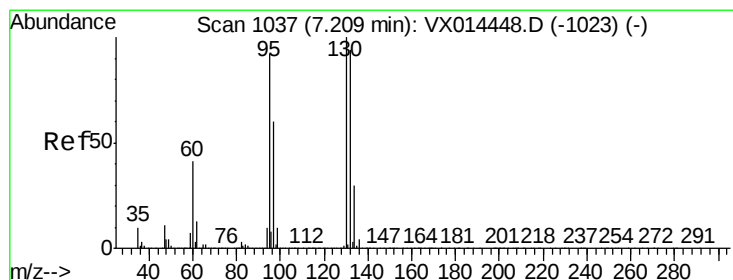
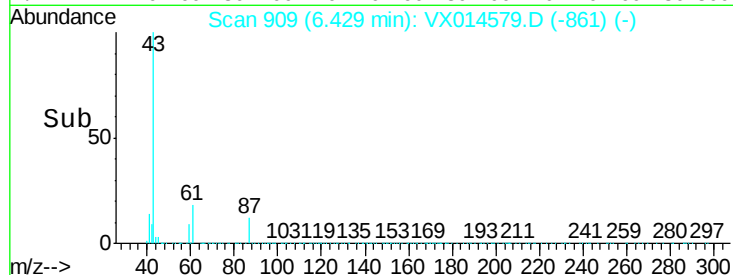
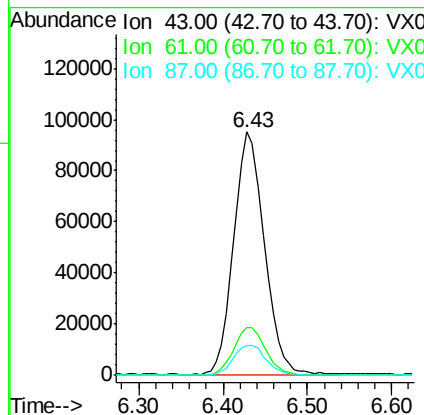
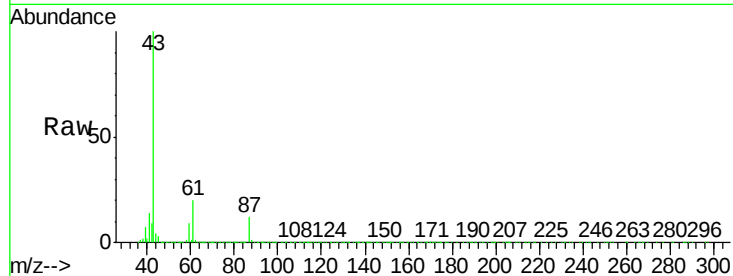
Isopropyl Acetate
 Concen: 21.068 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX014579.D
 Acq: 13 Jan 2020 12:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0113WBSD01

Tot Ion	43	Resp	233380
Ion Ratio	Lower	Upper	
43	100		
61	20.2	16.6	24.8
87	13.1	10.8	16.2

Manual Integrations
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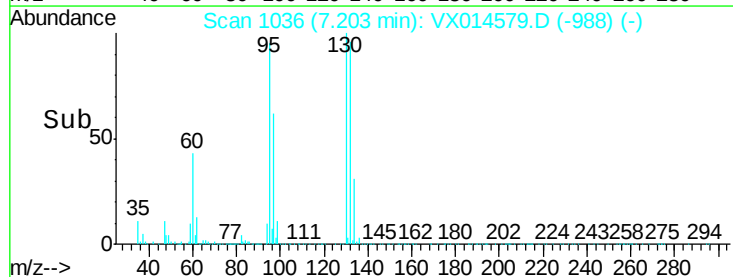
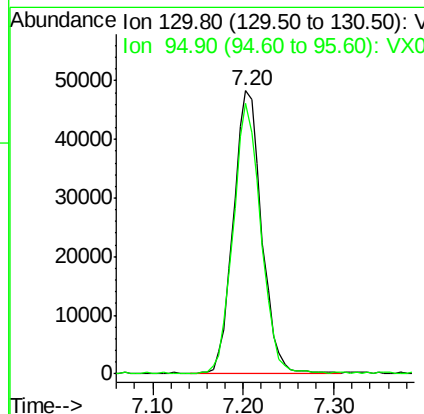
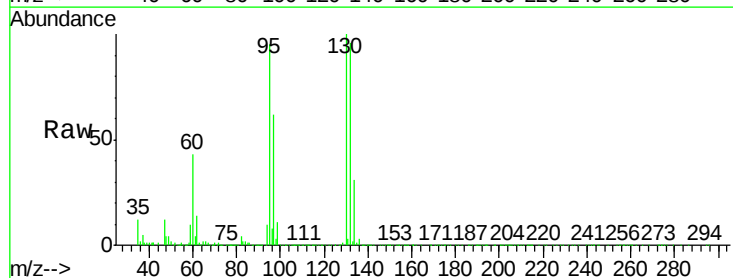
MMDadoda
 1/14/2020 3:08:58 PM

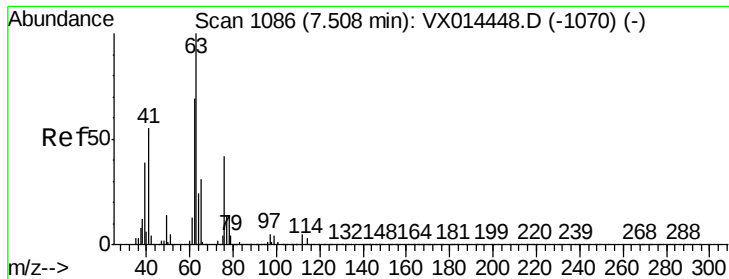


#44

Trichloroethene
 Concen: 19.200 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX014579.D
 Acq: 13 Jan 2020 12:15

Tgt Ion	130	Resp	103385
Ion Ratio	Lower	Upper	
130	100		
95	95.3	0.0	184.2





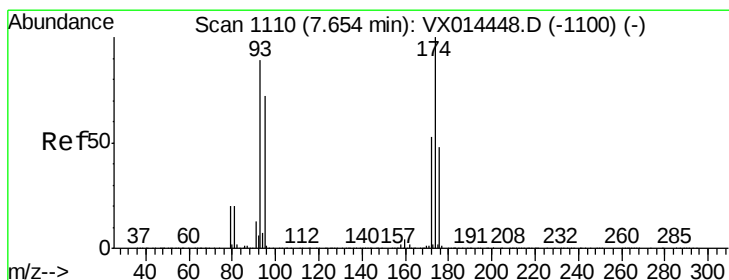
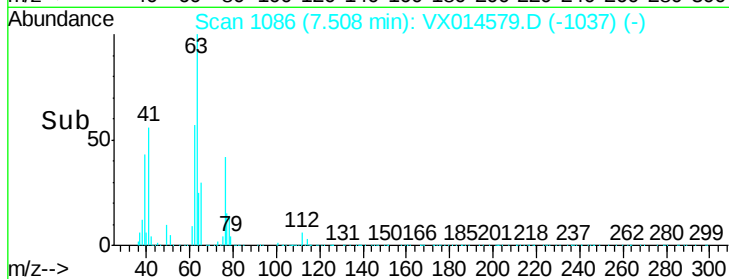
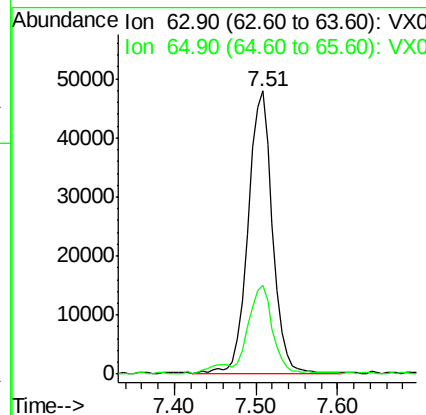
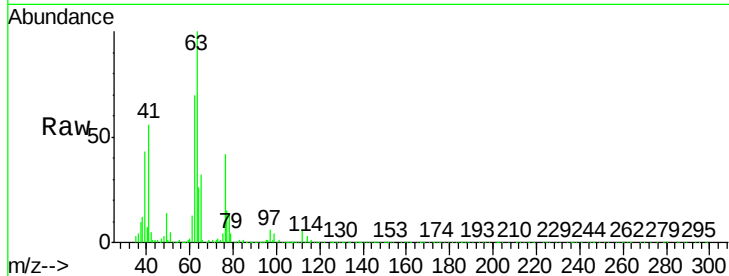
#45
 1,2-Dichloropropane
 Concen: 20.590 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX014579.D
 Acq: 13 Jan 2020 12:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0113WBSD01

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.3	24.8	37.2

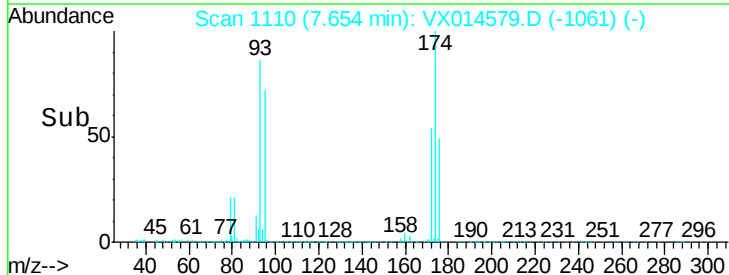
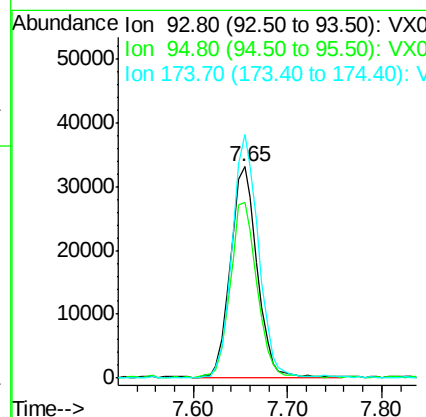
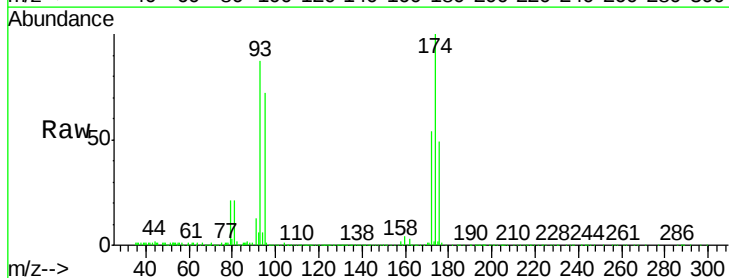
Manual Integrations
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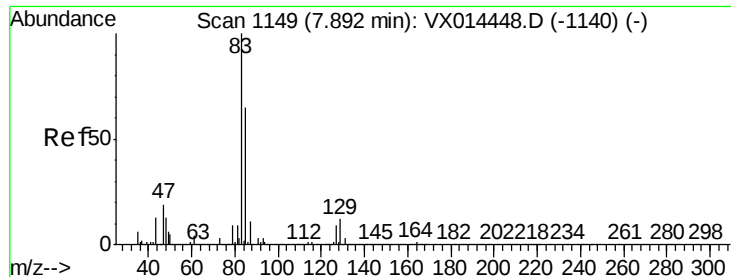
MMDadoda
 1/14/2020 3:08:58 PM



#46
 Dibromomethane
 Concen: 19.382 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX014579.D
 Acq: 13 Jan 2020 12:15

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.7	65.4	98.2
174	114.4	93.0	139.4





#47

Bromodichloromethane

Concen: 20.481 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX014579.D

Acq: 13 Jan 2020 12:15

Instrument :

MSVOA_X

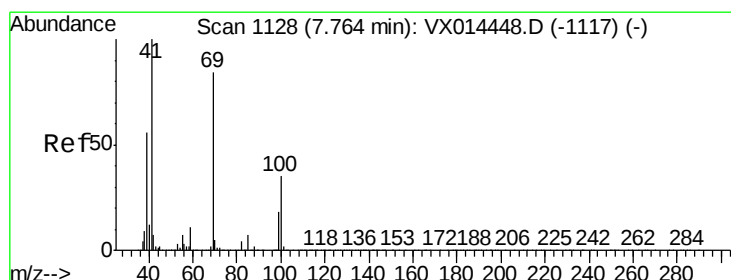
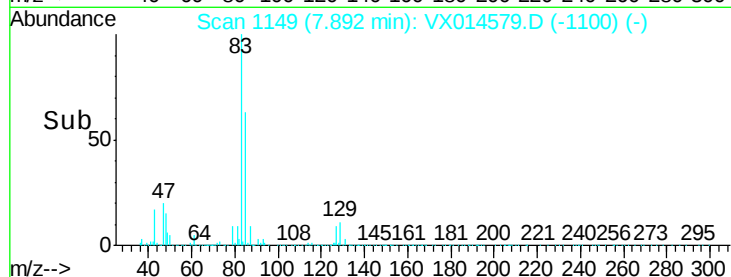
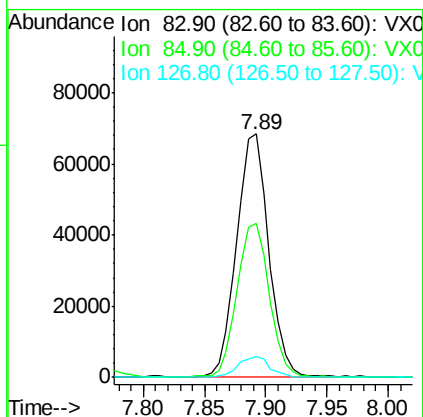
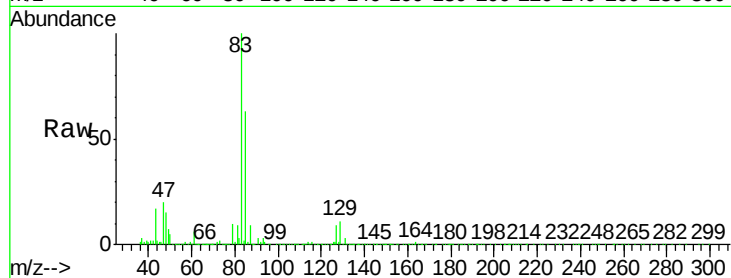
ClientSampleId :

VX0113WBSD01

Tot Ion:	83	Resp:	124252
Ion Ratio	Lower	Upper	
83	100		
85	63.2	51.7	77.5
127	8.4	7.1	10.7

Manual Integrations
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#48

Methyl methacrylate

Concen: 21.047 ug/l

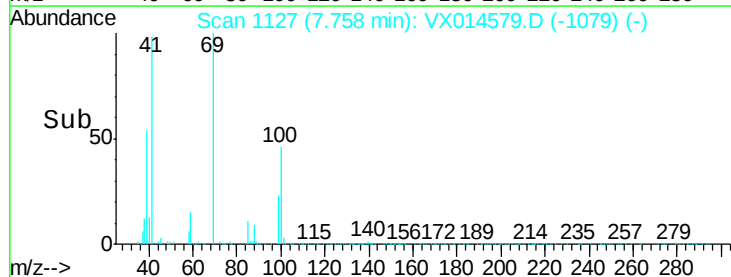
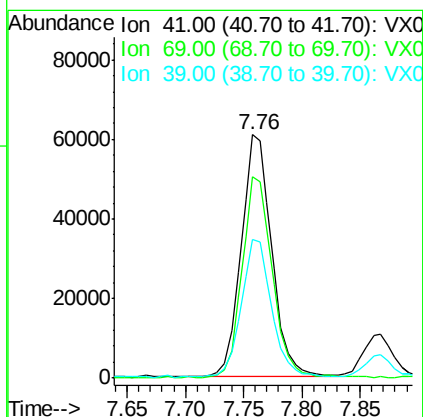
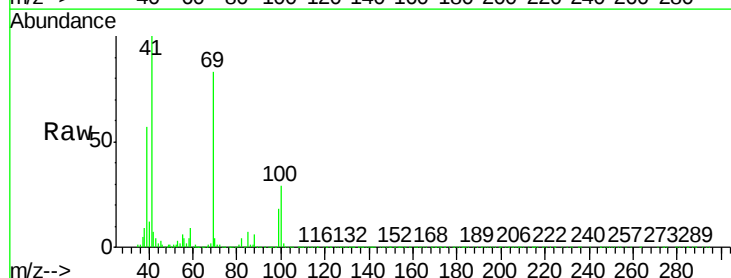
RT: 7.76 min Scan# 1127

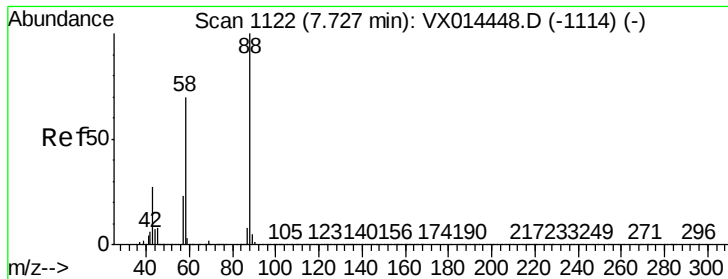
Delta R.T. -0.01 min

Lab File: VX014579.D

Acq: 13 Jan 2020 12:15

Tgt Ion:	41	Resp:	111663
Ion Ratio	Lower	Upper	
41	100		
69	81.3	65.5	98.3
39	55.6	43.9	65.9





#49

1,4-Dioxane

Concen: 422.611 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.00 min

Lab File: VX014579.D

Acq: 13 Jan 2020 12:15

Instrument :

MSVOA_X

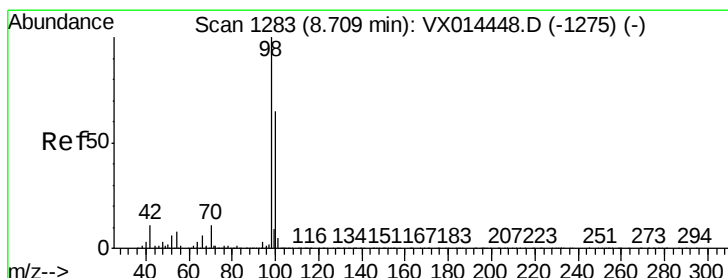
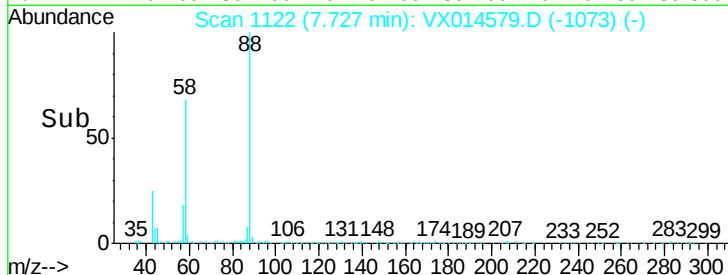
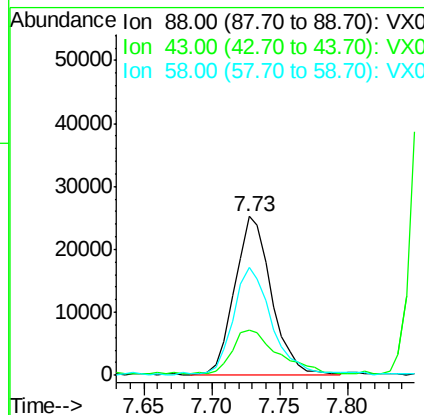
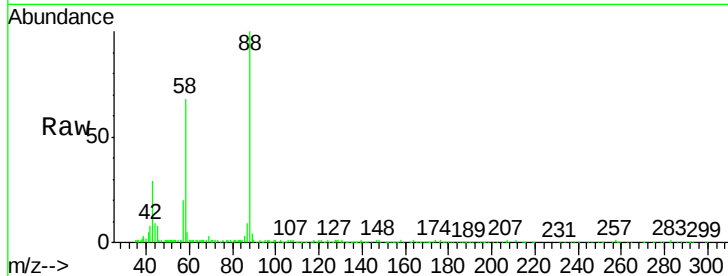
ClientSampleId :

VX0113WBSD01

Tot Ion:	88	Resp:	47509
Ion	Ratio	Lower	Upper
88	100		
43	33.4	27.4	41.0
58	73.0	57.1	85.7

Manual Integrations
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#50

Toluene-d8

Concen: 49.325 ug/l

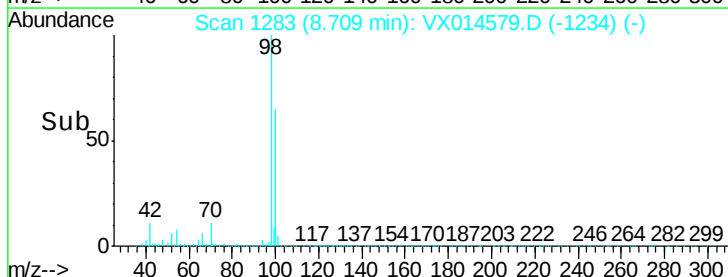
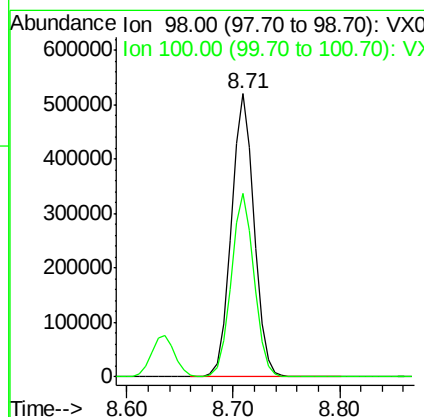
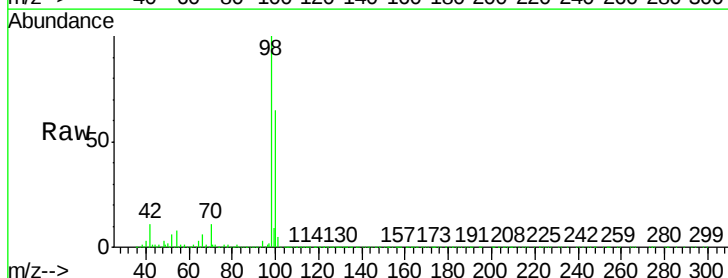
RT: 8.71 min Scan# 1283

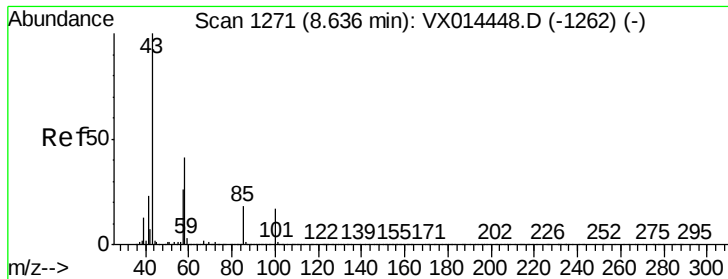
Delta R.T. -0.00 min

Lab File: VX014579.D

Acq: 13 Jan 2020 12:15

Tgt Ion:	98	Resp:	777855
Ion	Ratio	Lower	Upper
98	100		
100	65.0	53.2	79.8





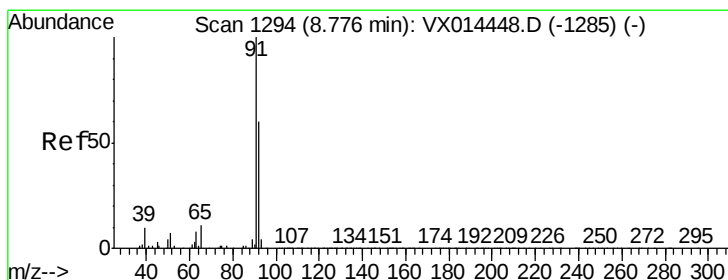
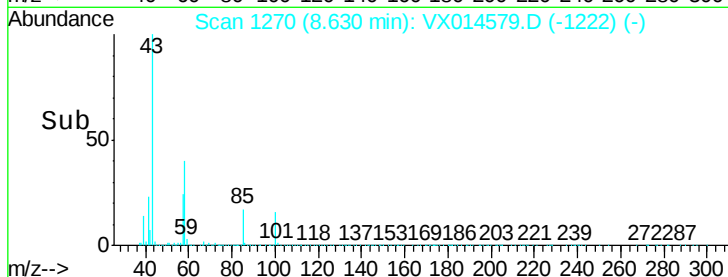
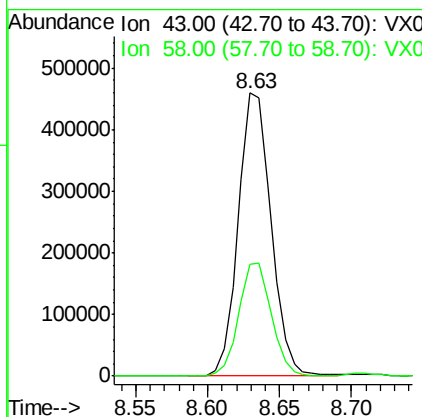
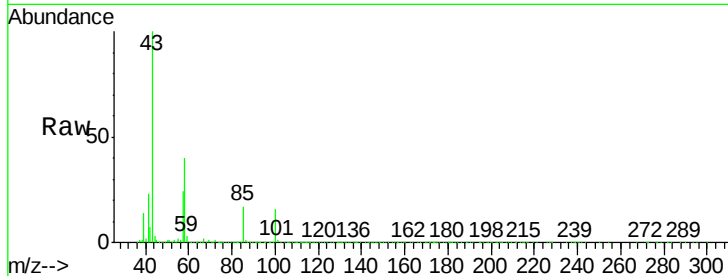
#51
4-Methyl-2-Pentanone
Concen: 107.594 ug/l
RT: 8.63 min Scan# 1270
Delta R.T. -0.01 min
Lab File: VX014579.D
Acq: 13 Jan 2020 12:15

Instrument :
MSVOA_X
ClientSampleId :
VX0113WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	40.0	32.4	48.6

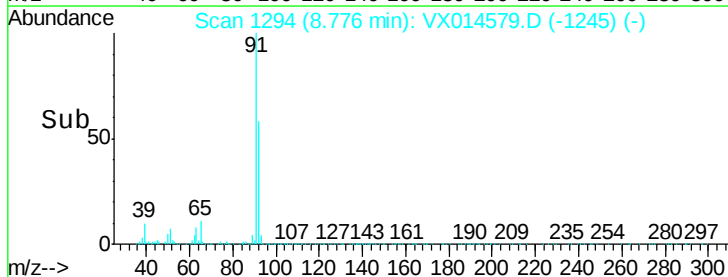
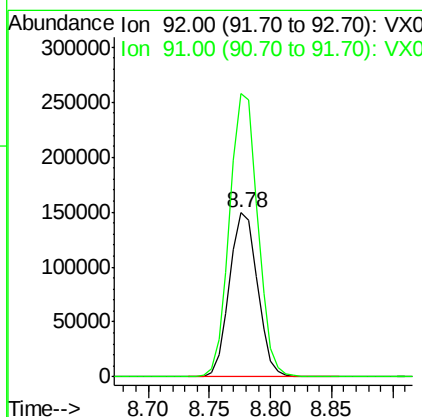
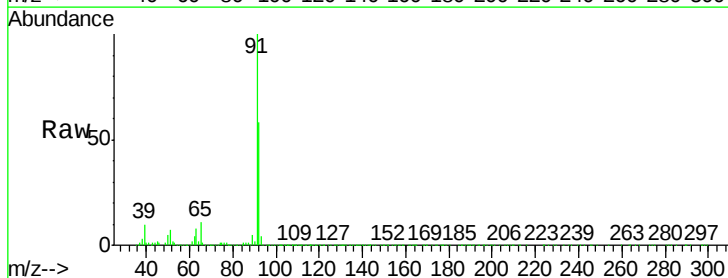
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#52
Toluene
Concen: 19.664 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX014579.D
Acq: 13 Jan 2020 12:15

Tgt Ion	Ratio	Lower	Upper
92	100		
91	173.5	135.7	203.5





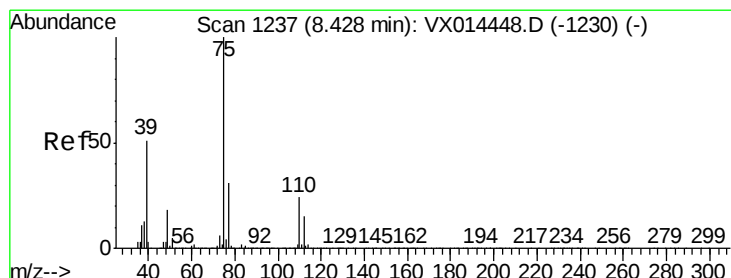
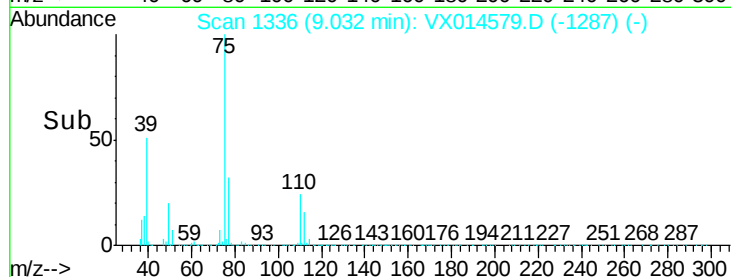
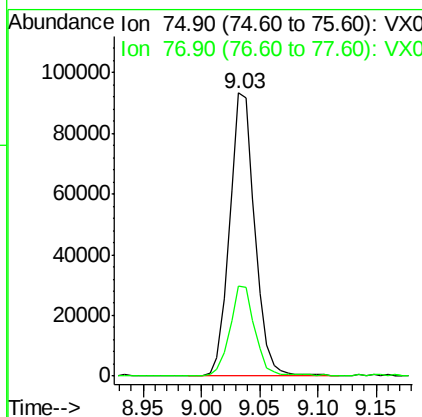
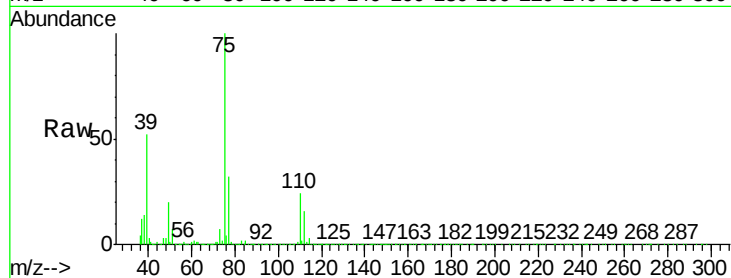
#53
t-1,3-Dichloropropene
Concen: 19.705 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.00 min
Lab File: VX014579.D
Acq: 13 Jan 2020 12:15

Instrument :
MSVOA_X
ClientSampleId :
VX0113WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.4	38.2

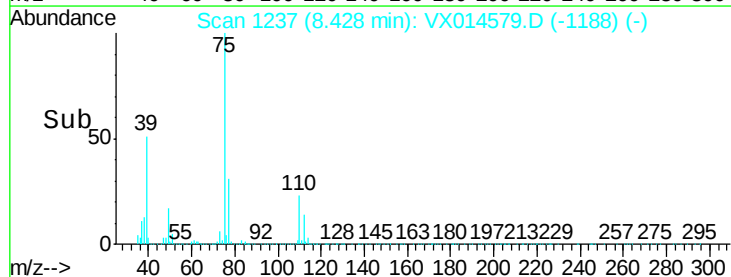
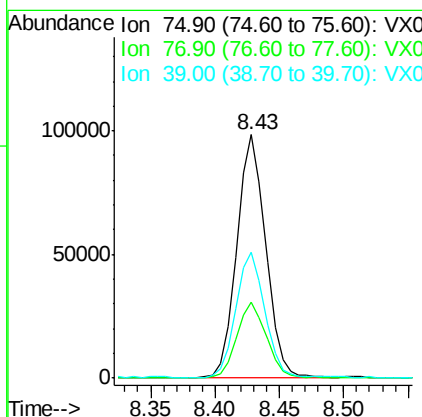
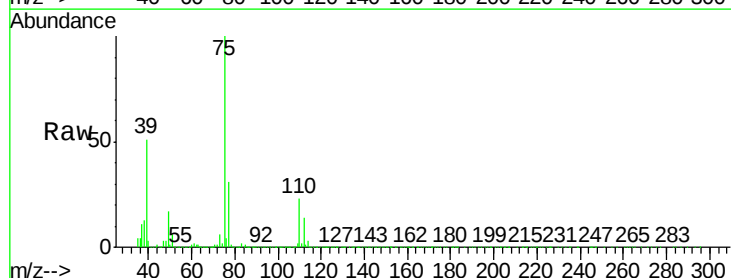
Manual Integrations
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#54
cis-1,3-Dichloropropene
Concen: 20.152 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX014579.D
Acq: 13 Jan 2020 12:15

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.0	25.0	37.4
39	51.1	40.7	61.1





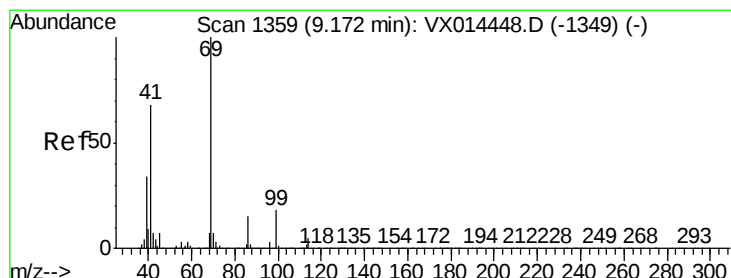
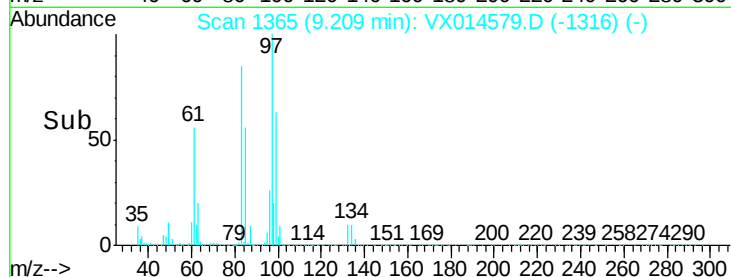
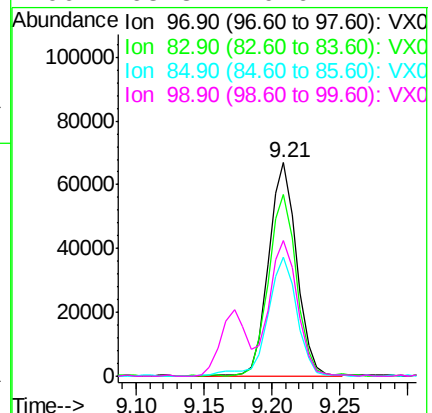
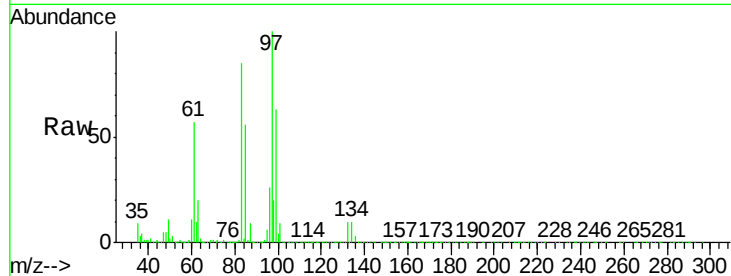
#55
1,1,2-Trichloroethane
Concen: 20.094 ug/l
RT: 9.21 min Scan# 1365
Delta R.T. -0.00 min
Lab File: VX014579.D
Acq: 13 Jan 2020 12:15

Instrument :
MSVOA_X
ClientSampleId :
VX0113WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		96805		
83	84.9	66.4	99.6		
85	55.9	43.4	65.2		
99	63.3	49.6	74.4		

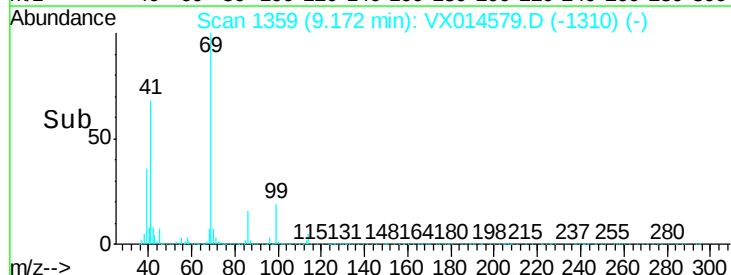
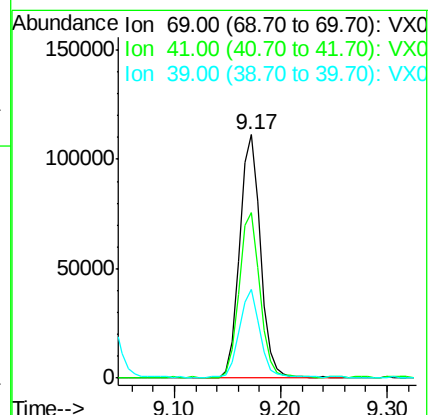
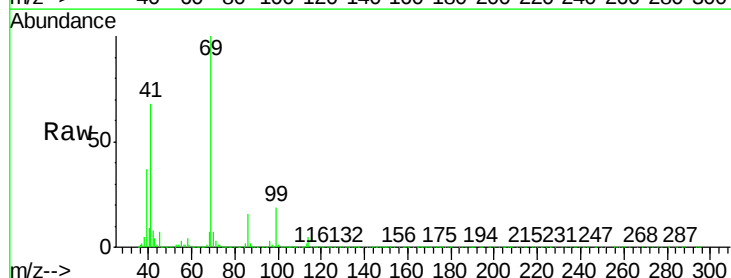
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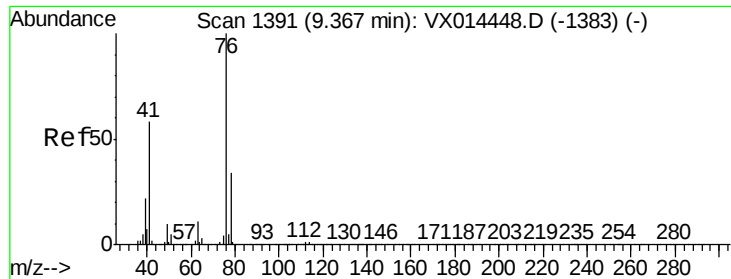
MMDadoda
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#56
Ethyl methacrylate
Concen: 20.732 ug/l
RT: 9.17 min Scan# 1359
Delta R.T. -0.00 min
Lab File: VX014579.D
Acq: 13 Jan 2020 12:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		153023		
41	68.0	54.2	81.2		
39	36.0	28.2	42.2		





#57

1,3-Dichloropropane

Concen: 20.804 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX014579.D

Acq: 13 Jan 2020 12:15

Instrument :

MSVOA_X

ClientSampleId :

VX0113WBSD01

Tot Ion: 76 Resp: 167578

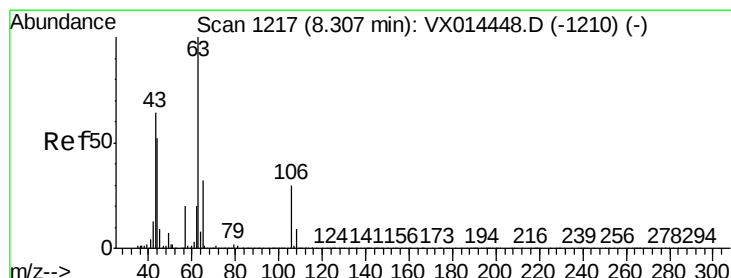
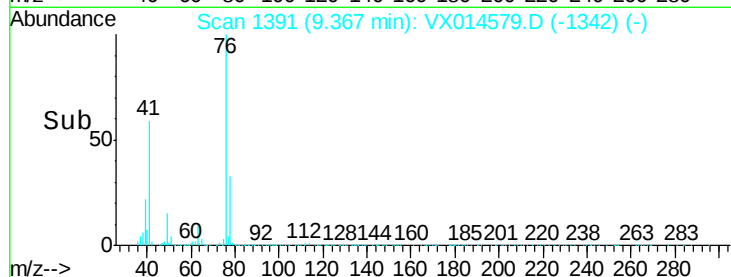
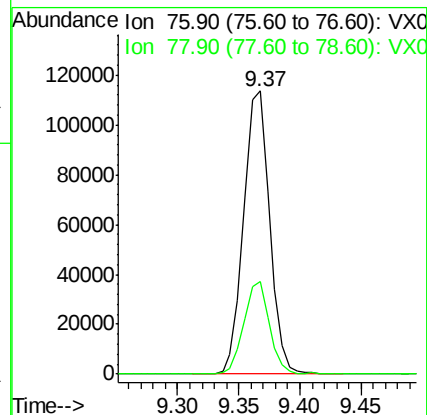
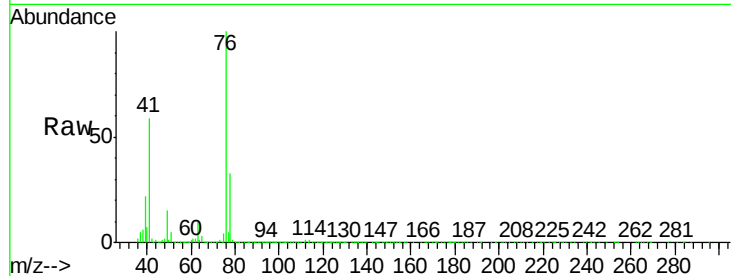
Ion Ratio Lower Upper

76 100

78 31.8 26.4 39.6

Manual Integrations
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#58

2-Chloroethyl Vinyl ether

Concen: 103.850 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014579.D

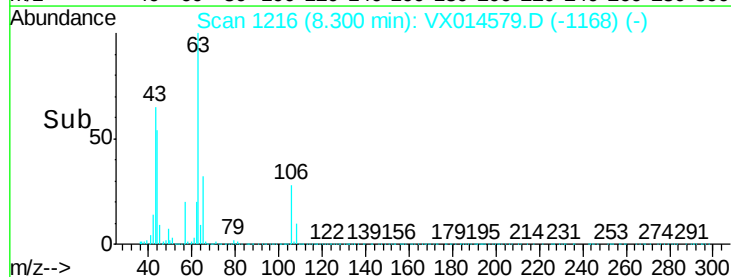
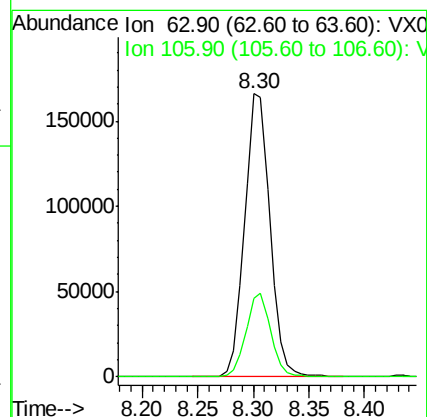
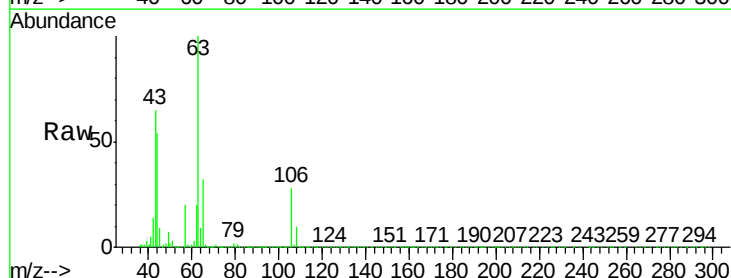
Acq: 13 Jan 2020 12:15

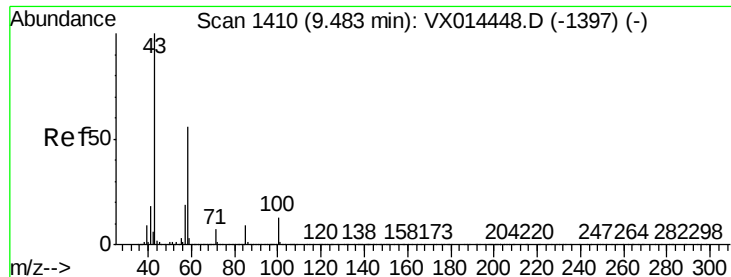
Tgt Ion: 63 Resp: 260789

Ion Ratio Lower Upper

63 100

106 29.0 23.6 35.4





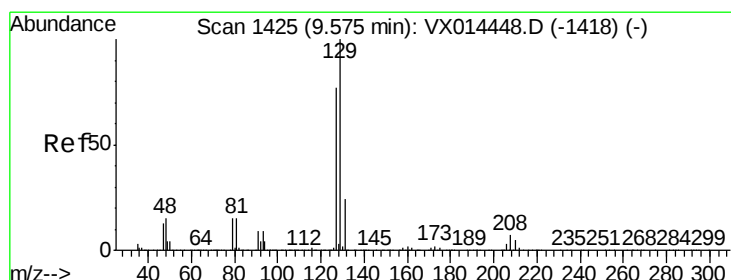
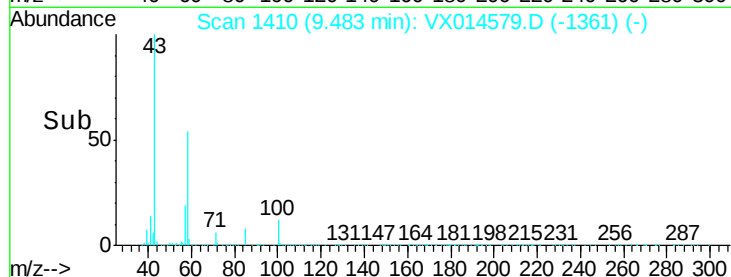
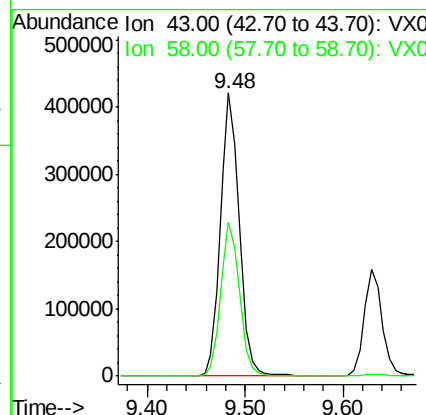
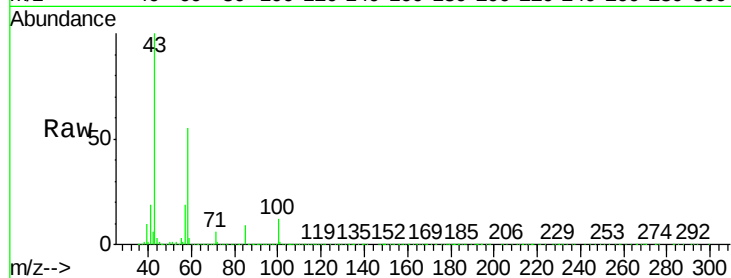
#59
2-Hexanone
Concen: 104.986 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX014579.D
Acq: 13 Jan 2020 12:15

Instrument :
MSVOA_X
ClientSampleId :
VX0113WBSD01

Tot Ion: 43 Resp: 560739
Ion Ratio Lower Upper
43 100
58 54.5 27.9 83.7

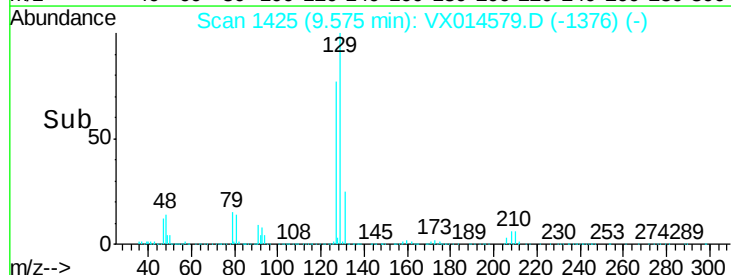
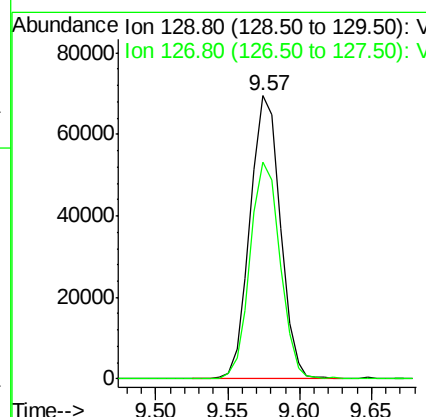
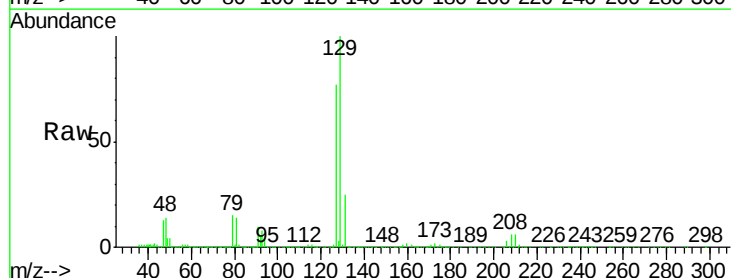
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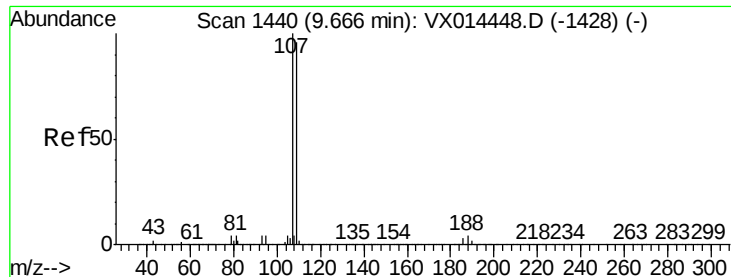
MMDadoda
1/14/2020 3:08:58 PM



#60
Dibromochloromethane
Concen: 20.692 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX014579.D
Acq: 13 Jan 2020 12:15

Tgt Ion: 129 Resp: 100198
Ion Ratio Lower Upper
129 100
127 76.9 38.6 116.0





#61

1,2-Dibromoethane

Concen: 20.343 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX014579.D

Acq: 13 Jan 2020 12:15

Instrument :

MSVOA_X

ClientSampleId :

VX0113WBSD01

Tot Ion: 107 Resp: 103816

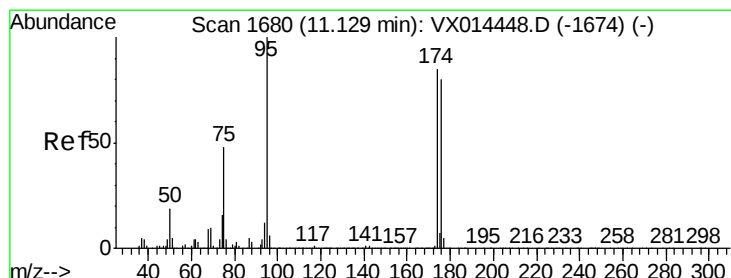
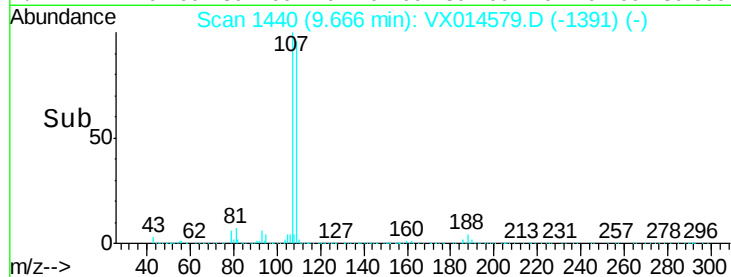
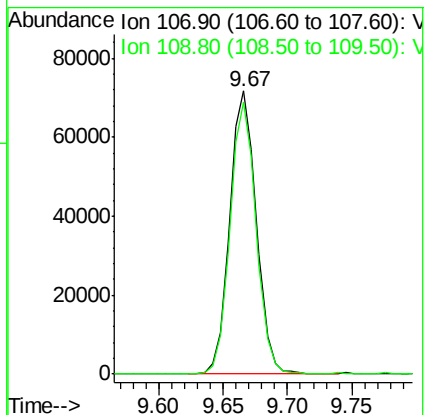
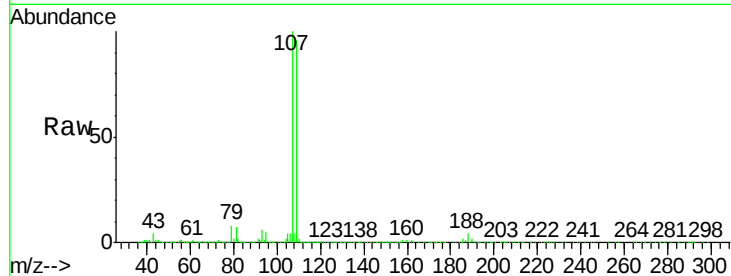
Ion Ratio Lower Upper

107 100

109 93.9 76.5 114.7

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#62

4-Bromofluorobenzene

Concen: 47.768 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX014579.D

Acq: 13 Jan 2020 12:15

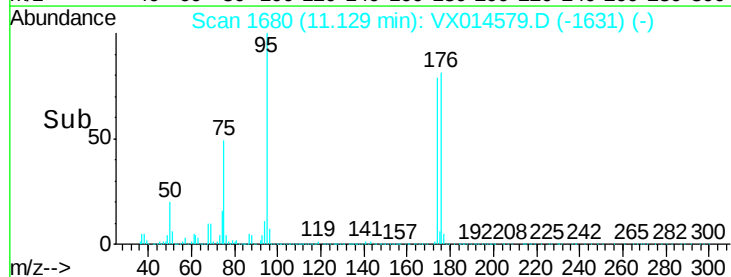
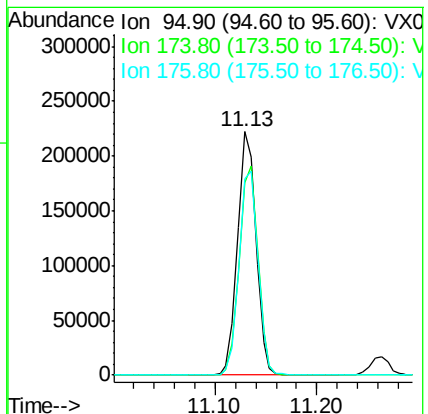
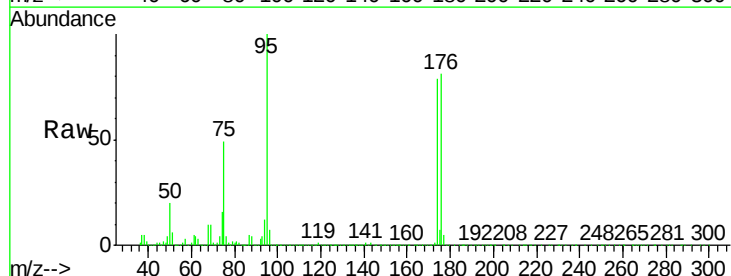
Tgt Ion: 95 Resp: 276544

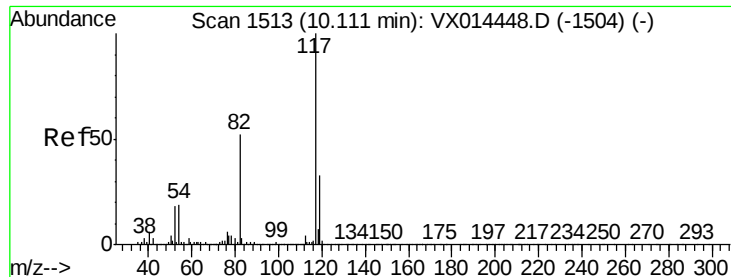
Ion Ratio Lower Upper

95 100

174 87.8 0.0 180.8

176 86.4 0.0 172.8





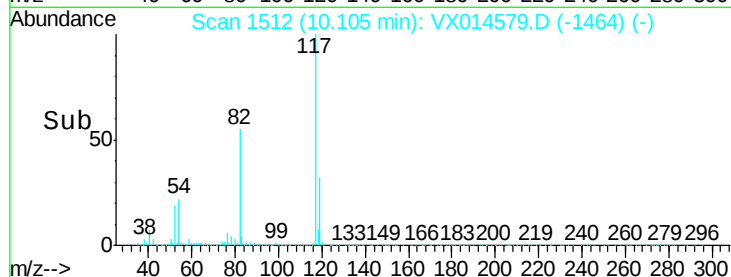
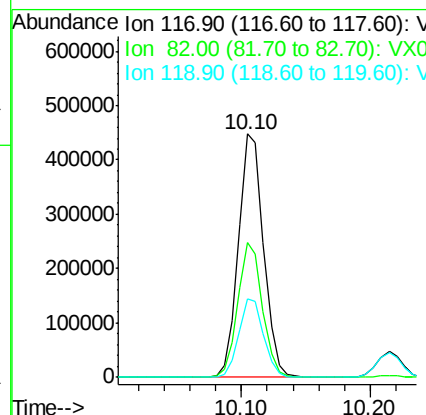
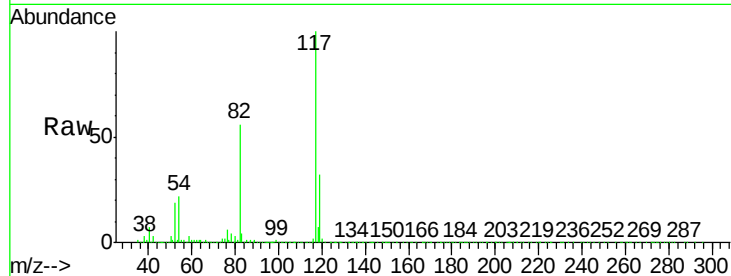
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014579.D
Acq: 13 Jan 2020 12:15

Instrument :
MSVOA_X
ClientSampleId :
VX0113WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.5	41.8	62.6
119	32.2	26.2	39.4

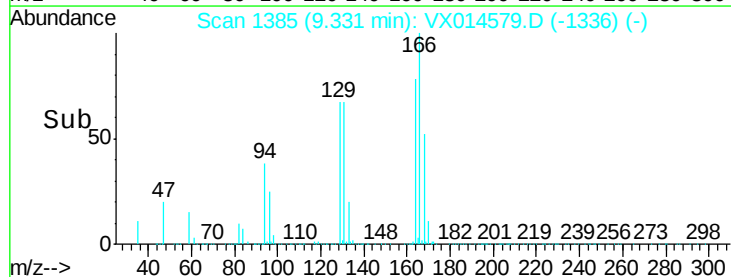
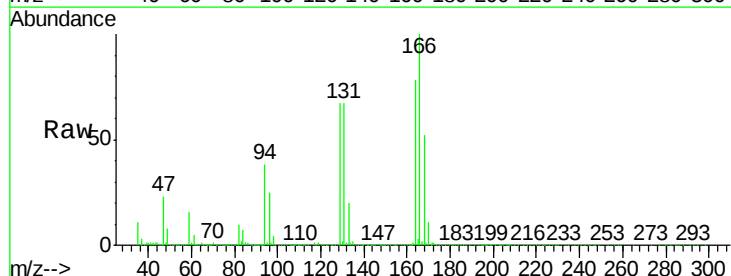
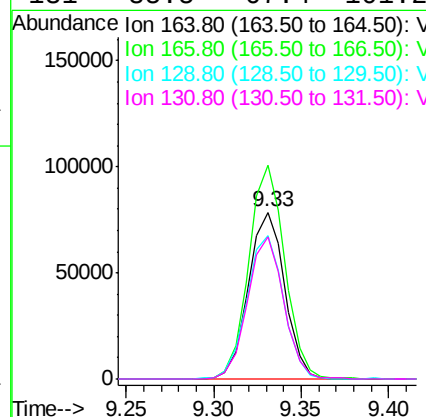
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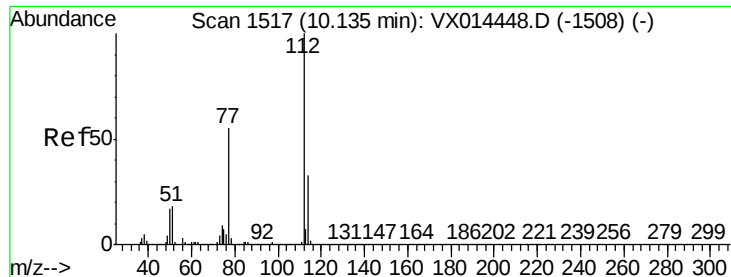
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#64
Tetrachloroethene
Concen: 18.593 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX014579.D
Acq: 13 Jan 2020 12:15

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.2	101.2	151.8
129	85.9	68.3	102.5
131	85.5	67.4	101.2





#65

Chlorobenzene

Concen: 19.575 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX014579.D

Acq: 13 Jan 2020 12:15

Instrument :

MSVOA_X

ClientSampleId :

VX0113WBSD01

Tot Ion:112 Resp: 258326

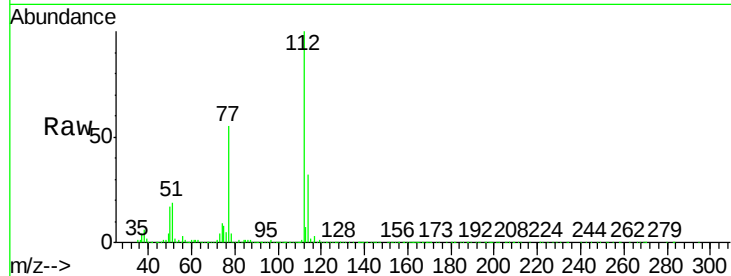
Ion Ratio Lower Upper

112 100

114 31.6 26.2 39.4

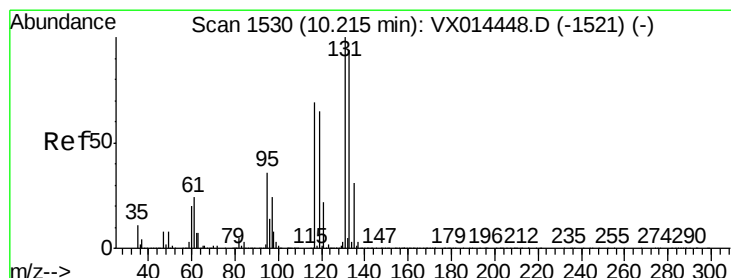
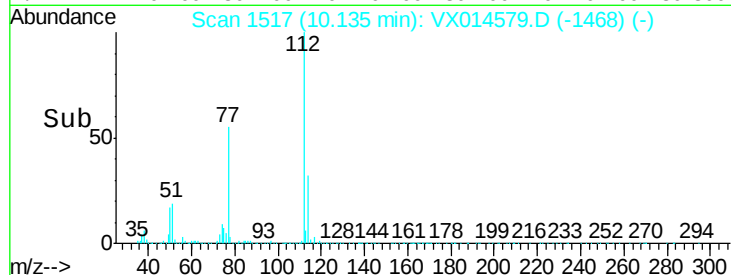
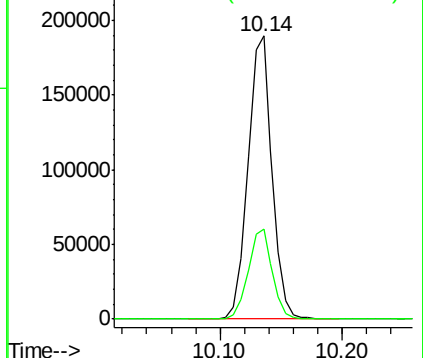
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.798 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX014579.D

Acq: 13 Jan 2020 12:15

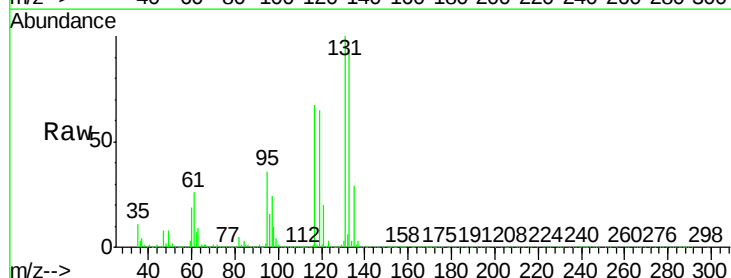
Tgt Ion:131 Resp: 93240

Ion Ratio Lower Upper

131 100

133 95.2 47.3 142.0

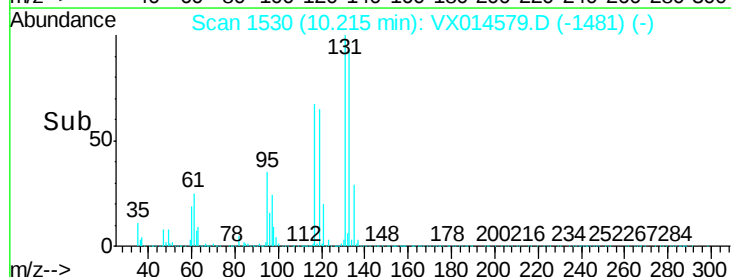
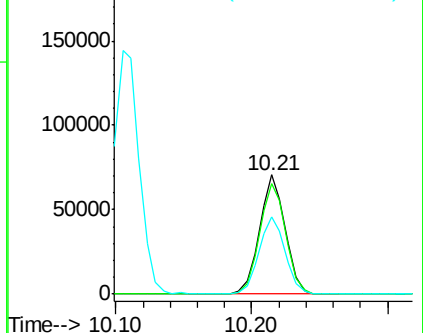
119 65.8 32.8 98.4

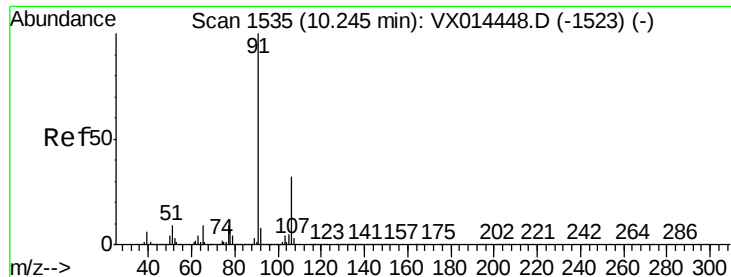


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





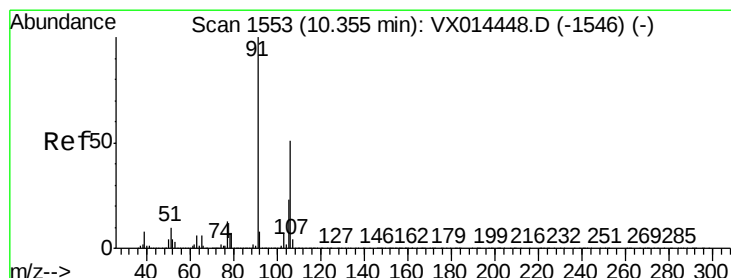
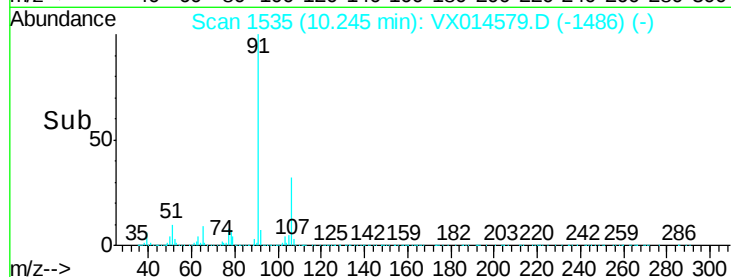
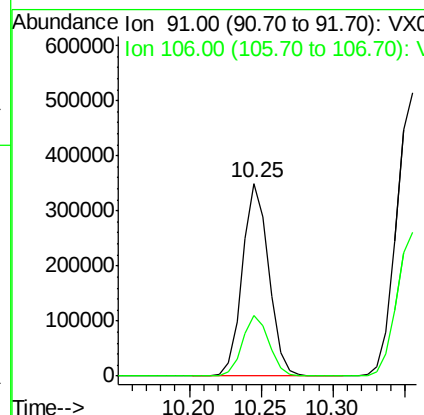
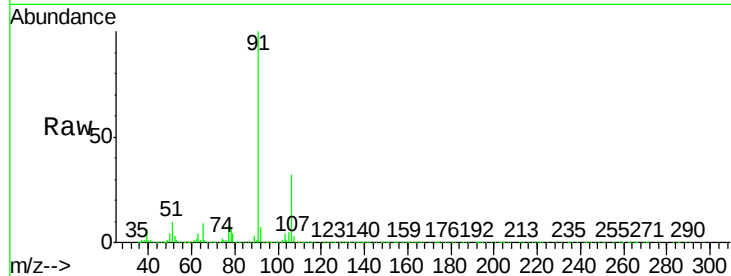
#67
Ethyl Benzene
Concen: 19.826 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX014579.D
Acq: 13 Jan 2020 12:15

Instrument :
MSVOA_X
ClientSampleId :
VX0113WBSD01

Tot Ion: 91 Resp: 445949
Ion Ratio Lower Upper
91 100
106 31.5 25.6 38.4

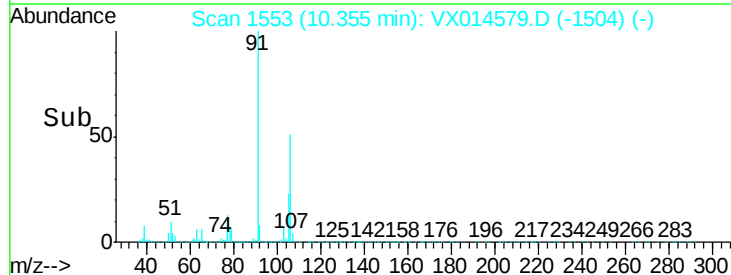
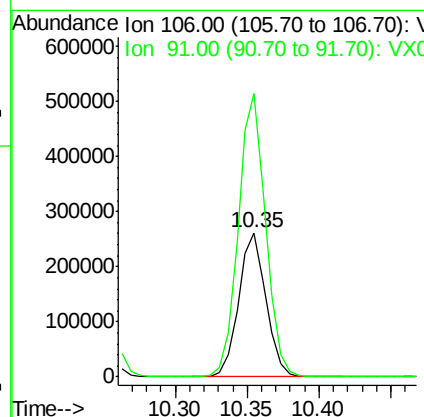
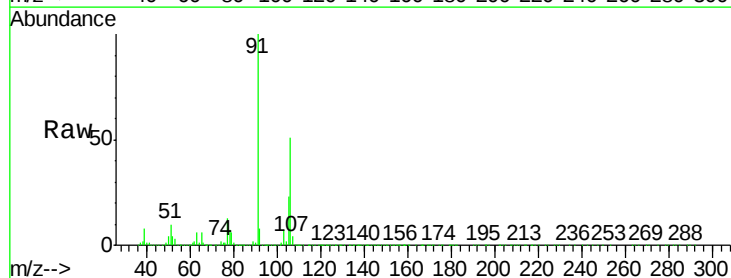
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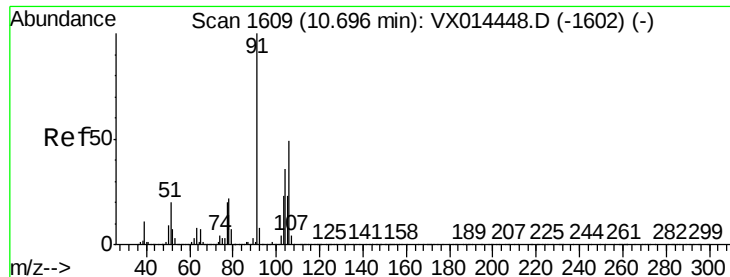
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#68
m/p-Xylenes
Concen: 39.550 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX014579.D
Acq: 13 Jan 2020 12:15

Tgt Ion: 106 Resp: 343202
Ion Ratio Lower Upper
106 100
91 197.6 157.4 236.0





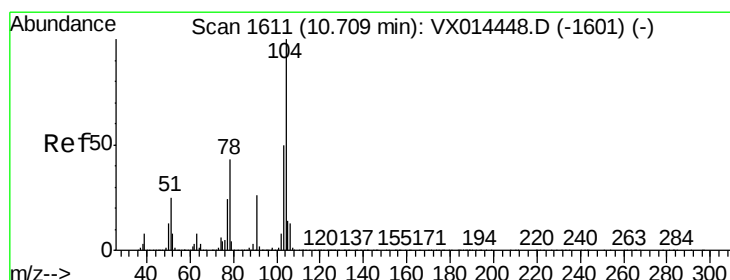
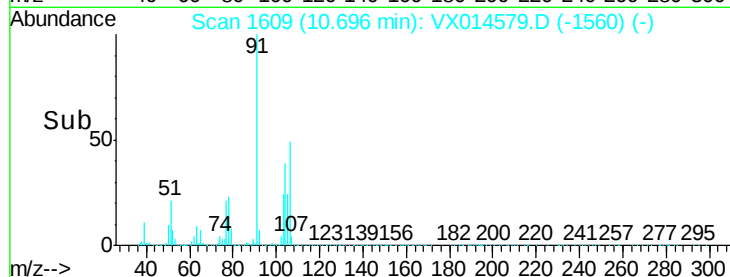
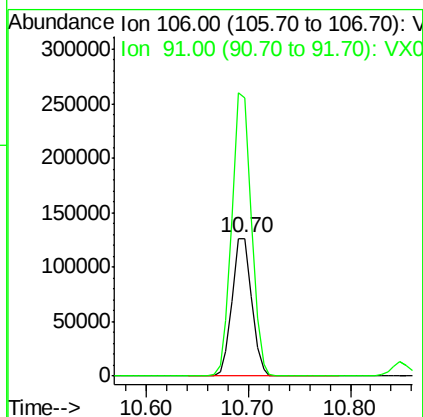
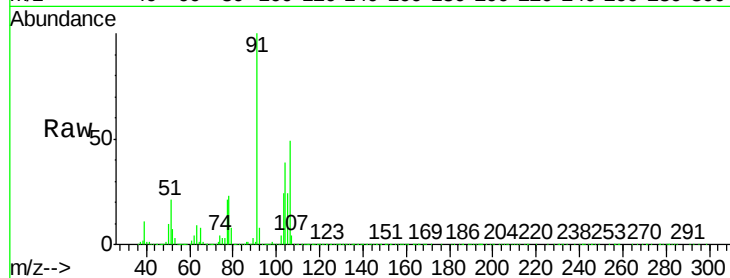
#69
o-Xylene
Concen: 20.303 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX014579.D
Acq: 13 Jan 2020 12:15

Instrument :
MSVOA_X
ClientSampleId :
VX0113WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
106	100	168101		
91	204.2	105.1	315.1	

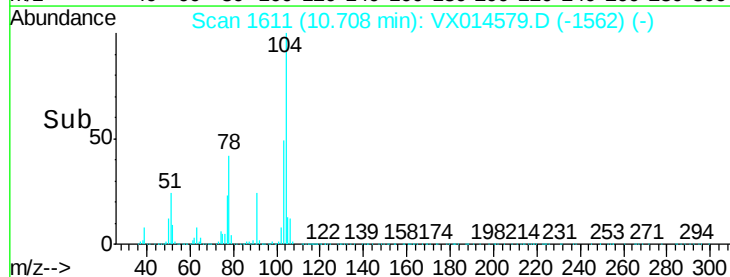
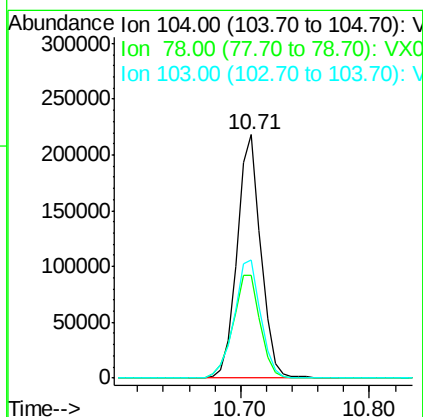
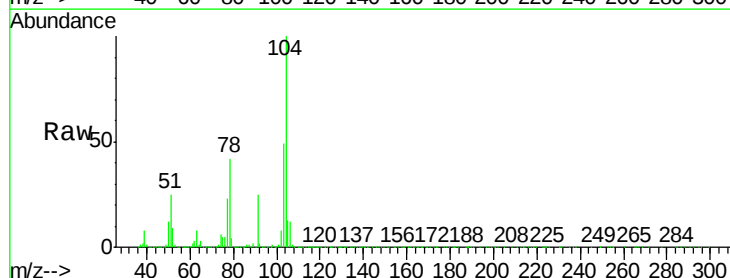
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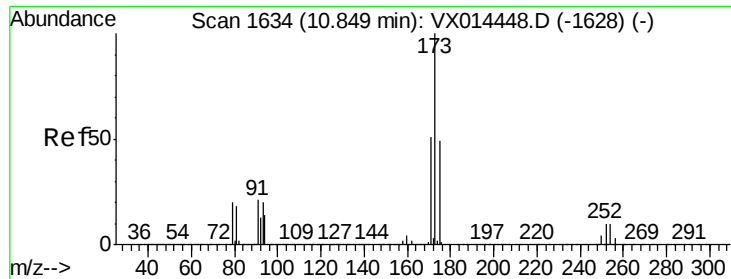
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#70
Styrene
Concen: 19.510 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX014579.D
Acq: 13 Jan 2020 12:15

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	278765		
78	48.5	38.6	58.0	
103	54.6	43.7	65.5	





#71

Bromoform

Concen: 19.443 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VX014579.D

Acq: 13 Jan 2020 12:15

Instrument :

MSVOA_X

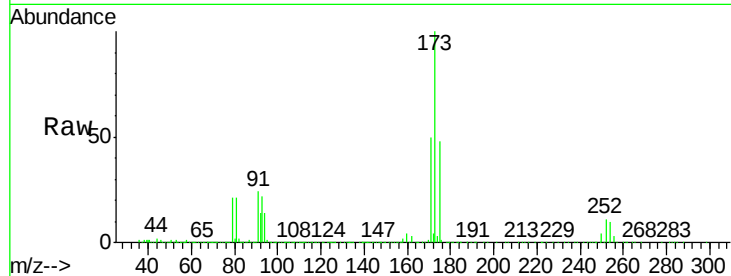
ClientSampleId :

VX0113WBSD01

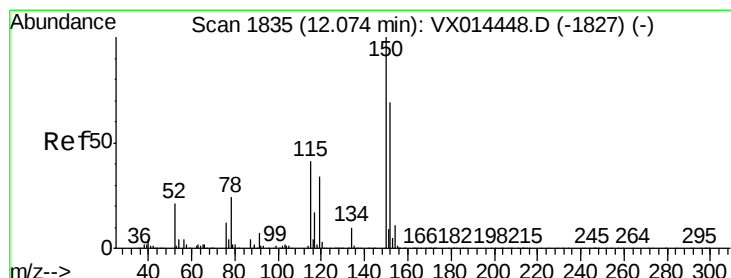
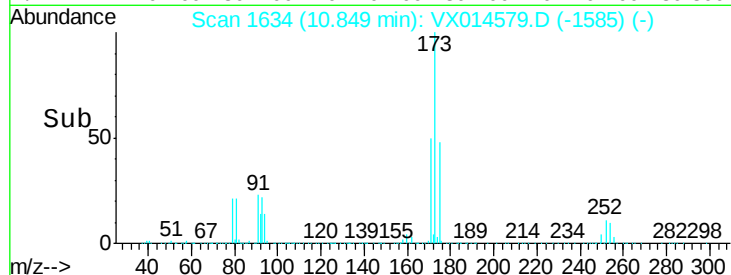
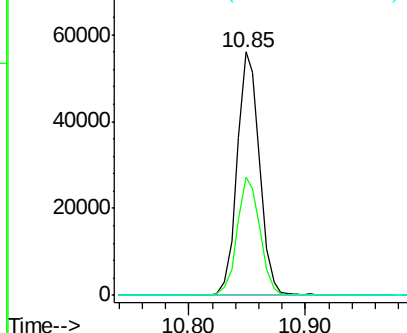
Tot Ion:	173	Resp:	74919
Ion Ratio	Lower	Upper	
173	100		
175	49.7	24.3	72.8
254	0.2	0.2	0.2

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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

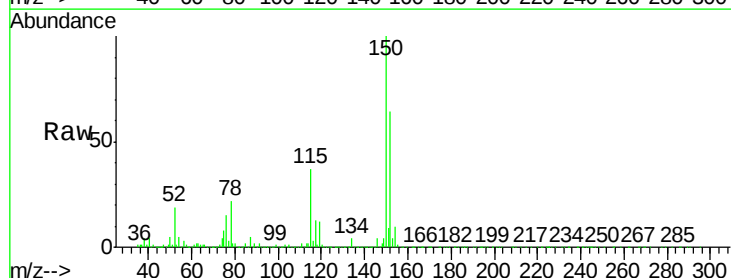
RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

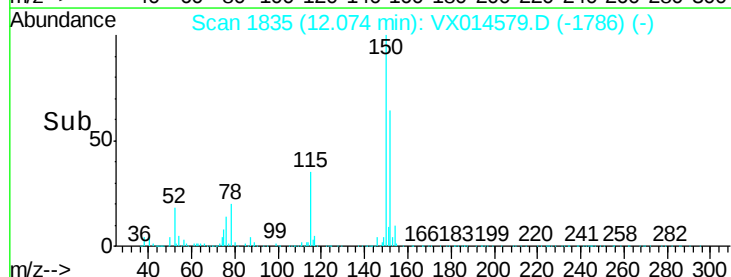
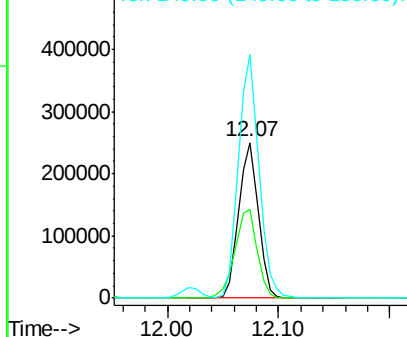
Lab File: VX014579.D

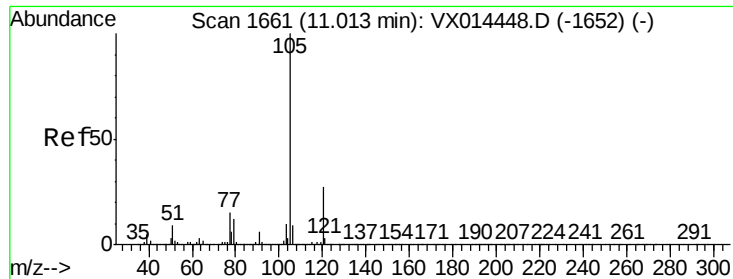
Acq: 13 Jan 2020 12:15

Tgt Ion:	152	Resp:	304255
Ion Ratio	Lower	Upper	
152	100		
115	64.7	39.5	118.3
150	164.7	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: 20.497 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX014579.D

Acq: 13 Jan 2020 12:15

Instrument :

MSVOA_X

ClientSampleId :

VX0113WBSD01

Tot Ion: 105 Resp: 437928

Ion Ratio Lower Upper

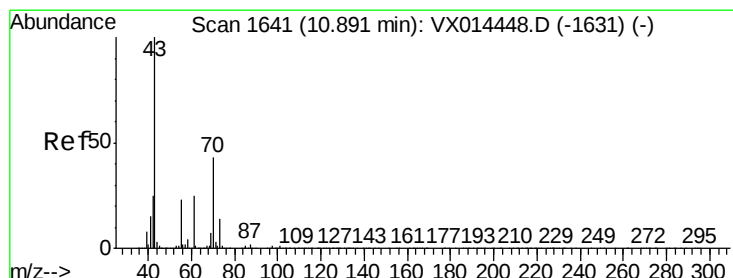
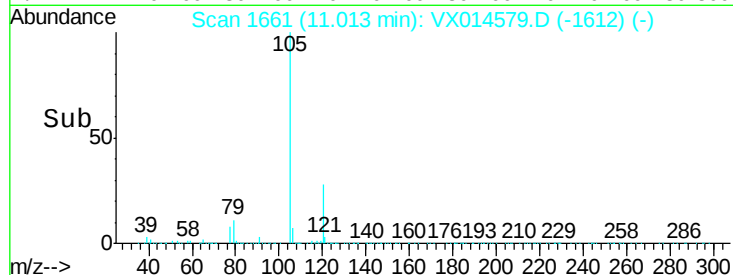
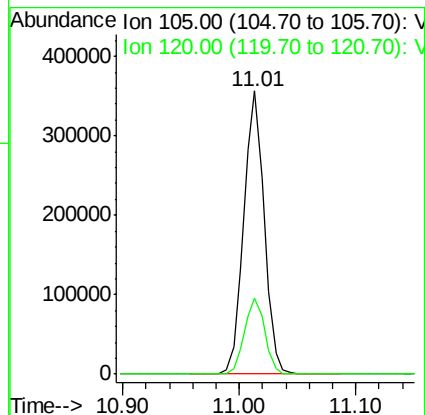
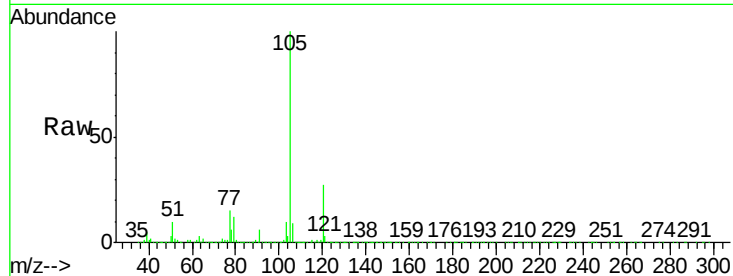
105 100

120 26.9 13.4 40.2

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#74

N-ethyl acetate

Concen: 20.637 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX014579.D

Acq: 13 Jan 2020 12:15

Tgt Ion: 43 Resp: 194530

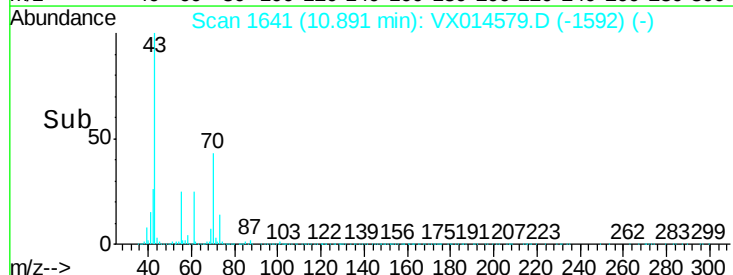
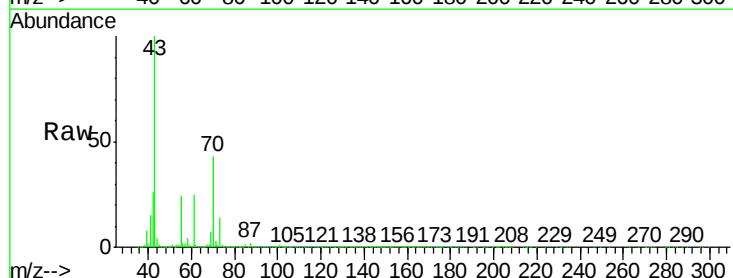
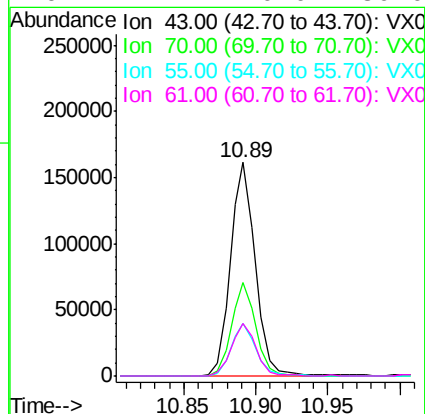
Ion Ratio Lower Upper

43 100

70 43.4 35.1 52.7

55 25.0 19.3 28.9

61 24.7 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.899 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX014579.D

Acq: 13 Jan 2020 12:15

Instrument :

MSVOA_X

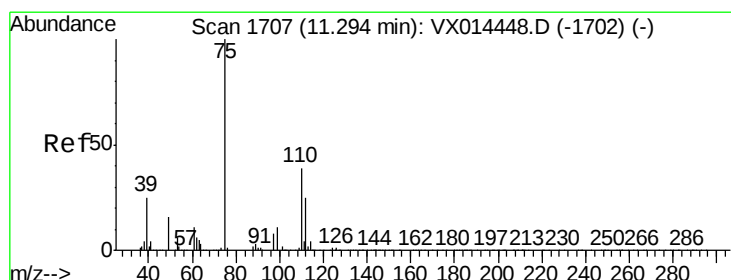
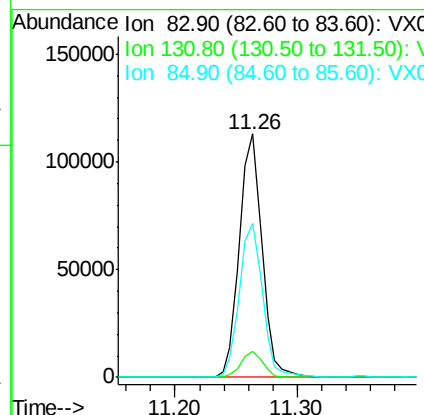
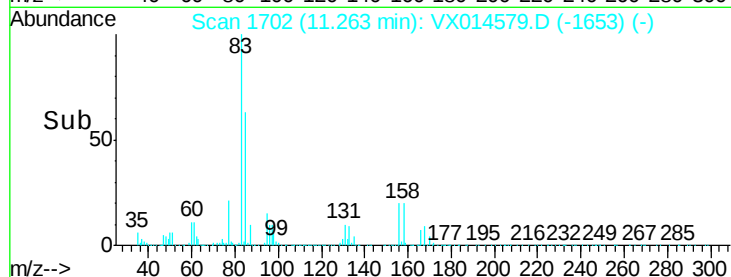
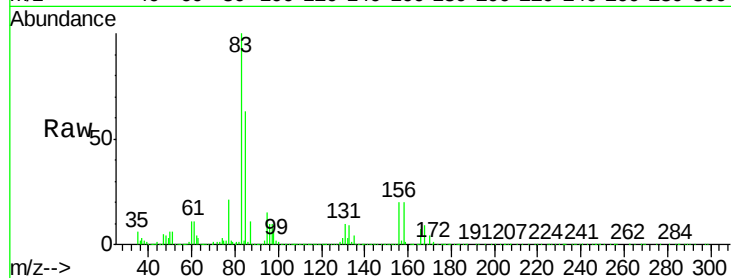
ClientSampleId :

VX0113WBSD01

Tot Ion:	83	Resp:	143192
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.1	15.4
85	65.0	32.5	97.4

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#76

1,2,3-Trichloropropane

Concen: 20.127 ug/l m

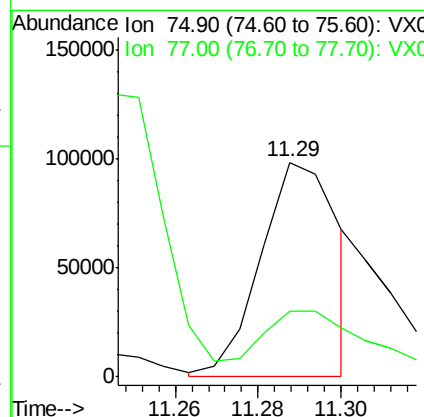
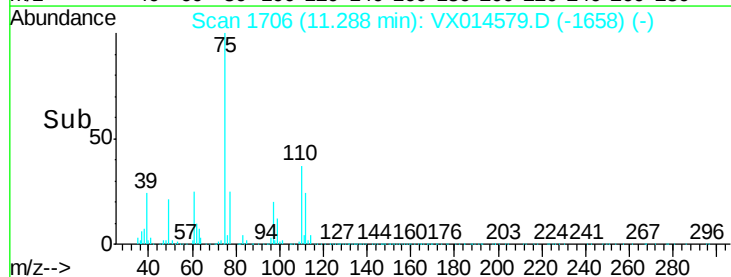
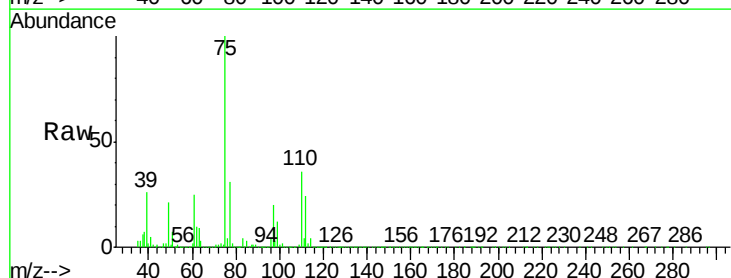
RT: 11.29 min Scan# 1706

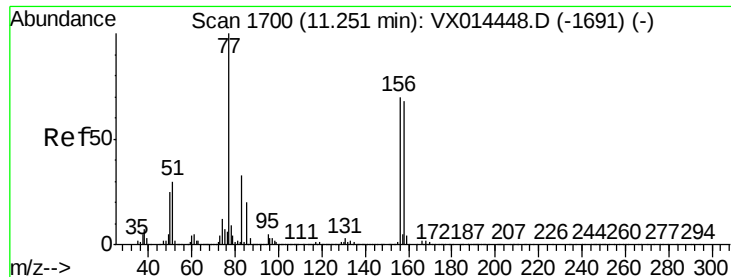
Delta R.T. -0.01 min

Lab File: VX014579.D

Acq: 13 Jan 2020 12:15

Tgt Ion:	75	Resp:	126701
Ion Ratio	Lower	Upper	
75	100		
77	43.7	21.9	65.7





#77

Bromobenzene

Concen: 19.432 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX014579.D

Acq: 13 Jan 2020 12:15

Instrument :

MSVOA_X

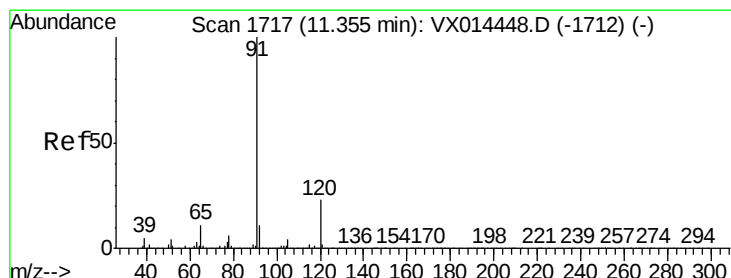
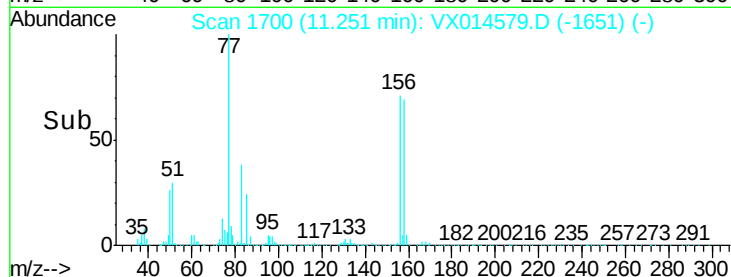
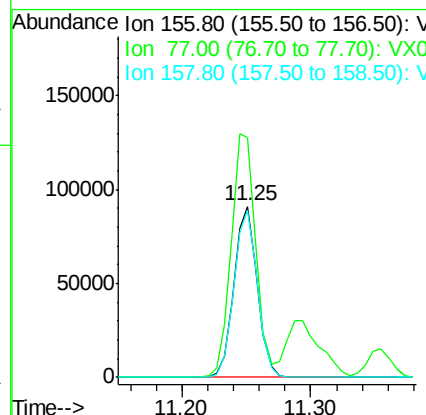
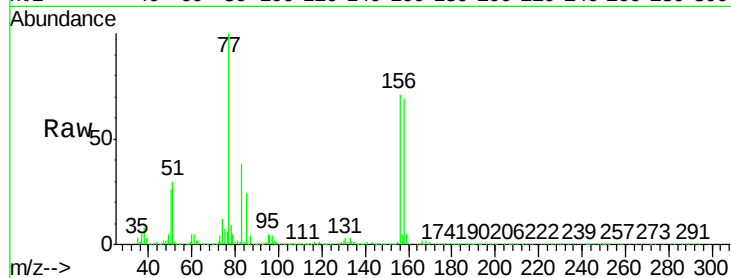
ClientSampleId :

VX0113WBSD01

Tot Ion:	156	Resp:	115136
Ion Ratio	Lower	Upper	
156	100		
77	150.1	75.4	226.3
158	98.5	48.8	146.3

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#78

n-propylbenzene

Concen: 20.428 ug/l

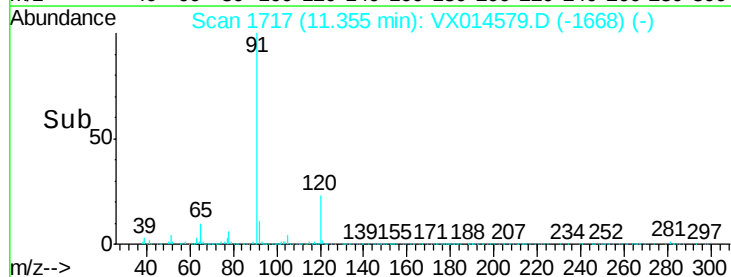
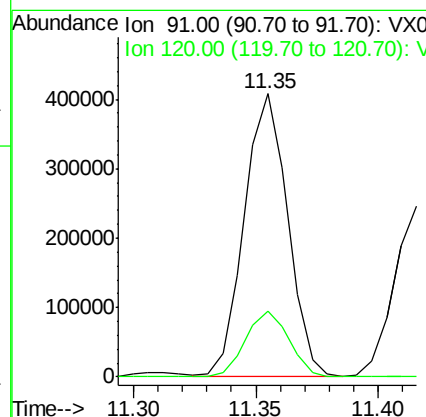
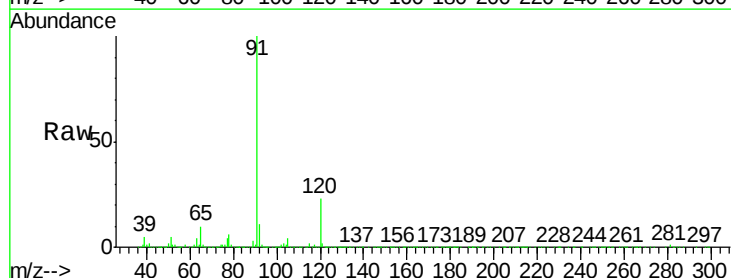
RT: 11.35 min Scan# 1717

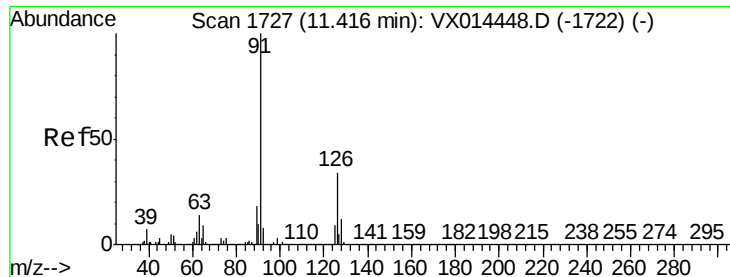
Delta R.T. -0.00 min

Lab File: VX014579.D

Acq: 13 Jan 2020 12:15

Tgt Ion:	91	Resp:	499835
Ion Ratio	Lower	Upper	
91	100		
120	23.4	11.9	35.5





#79

2-Chlorotoluene

Concen: 20.147 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX014579.D

Acq: 13 Jan 2020 12:15

Instrument :

MSVOA_X

ClientSampleId :

VX0113WBSD01

Tot Ion: 91 Resp: 293801

Ion Ratio Lower Upper

91 100

126 35.6

17.5

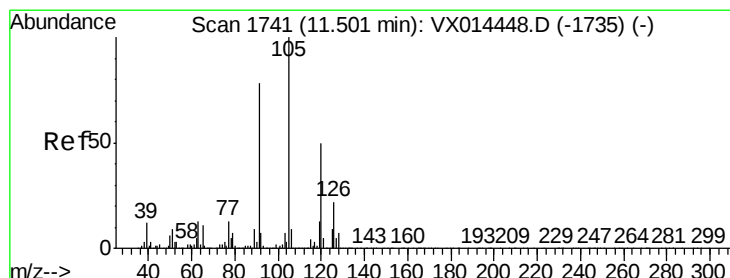
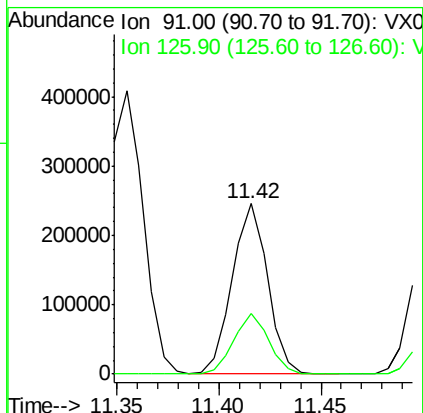
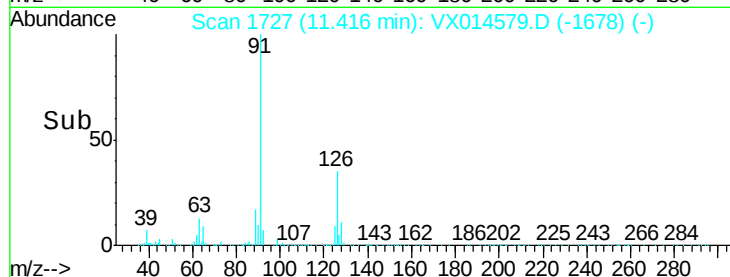
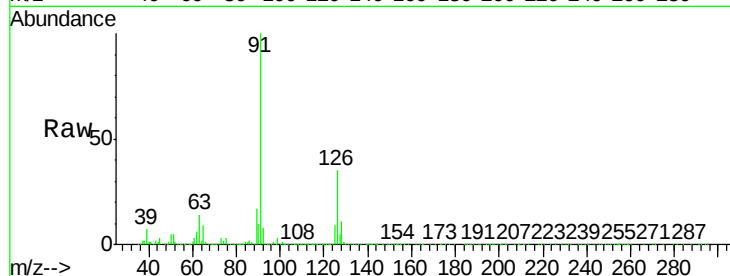
52.5

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#80

1,3,5-Trimethylbenzene

Concen: 20.548 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX014579.D

Acq: 13 Jan 2020 12:15

Tgt Ion: 105 Resp: 364494

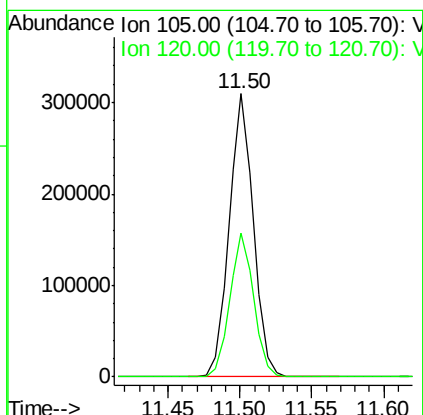
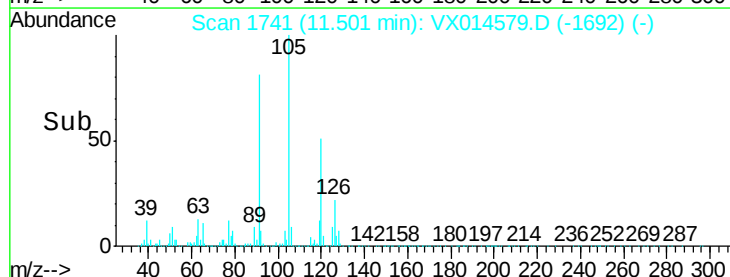
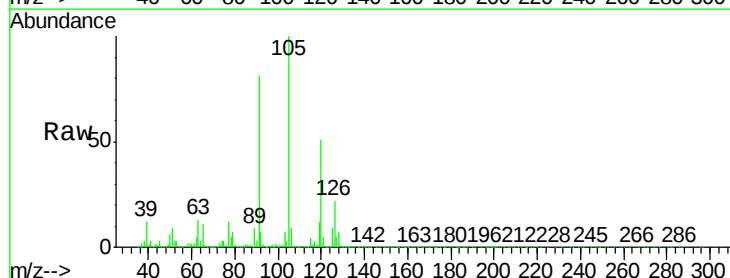
Ion Ratio Lower Upper

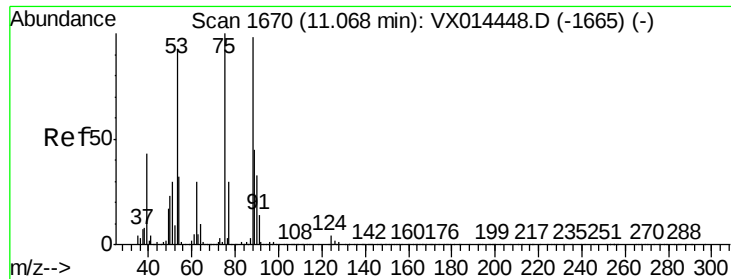
105 100

120 50.0

25.2

75.6





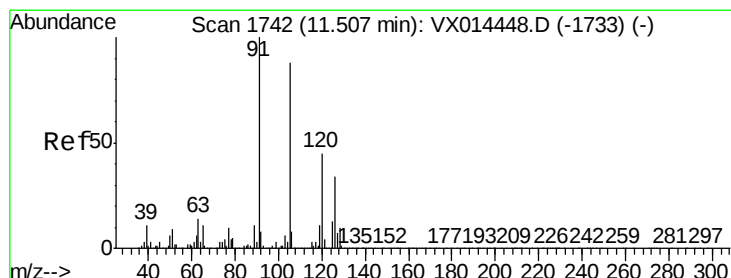
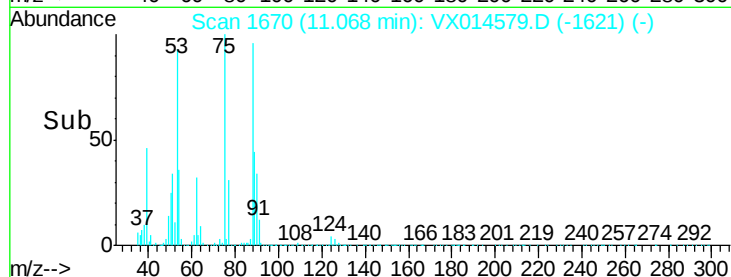
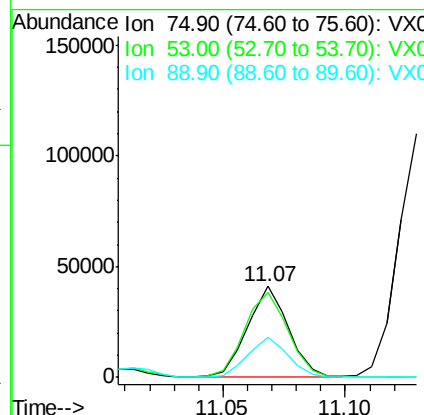
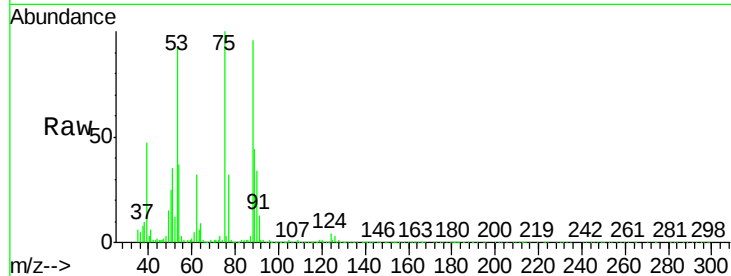
#81
trans-1,4-Dichloro-2-butene
Concen: 19.690 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX014579.D
Acq: 13 Jan 2020 12:15

Instrument :
MSVOA_X
ClientSampleId :
VX0113WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	100.5	74.8	112.2
89	44.4	36.3	54.5

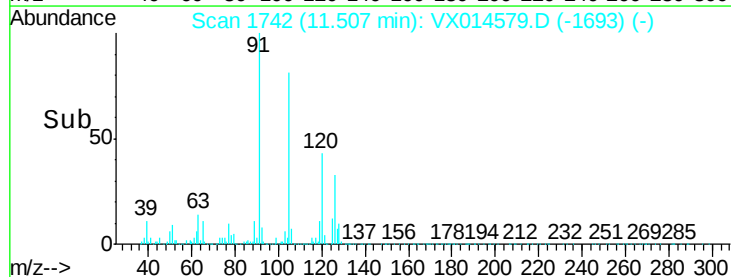
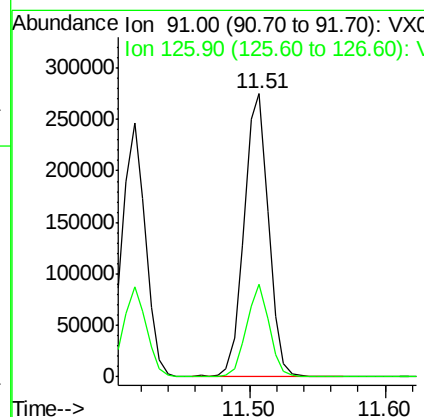
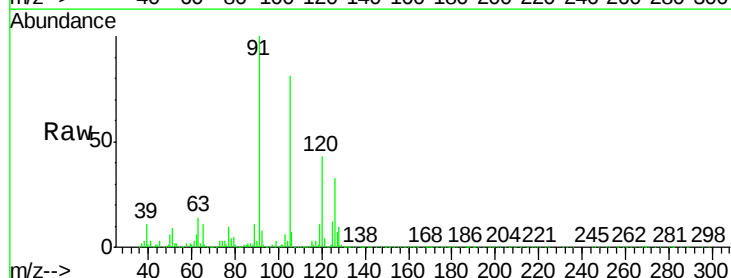
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#82
4-Chlorotoluene
Concen: 19.971 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX014579.D
Acq: 13 Jan 2020 12:15

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.7	15.9	47.7





#83

tert-Butylbenzene

Concen: 20.339 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VX014579.D

Acq: 13 Jan 2020 12:15

Instrument :

MSVOA_X

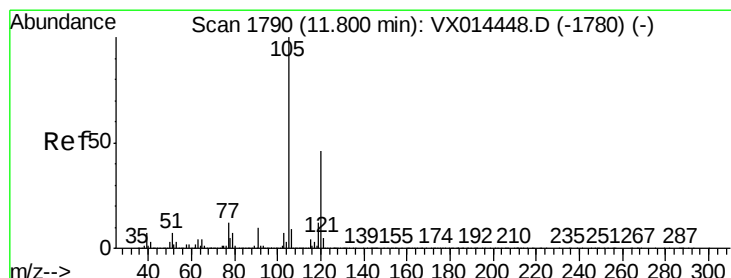
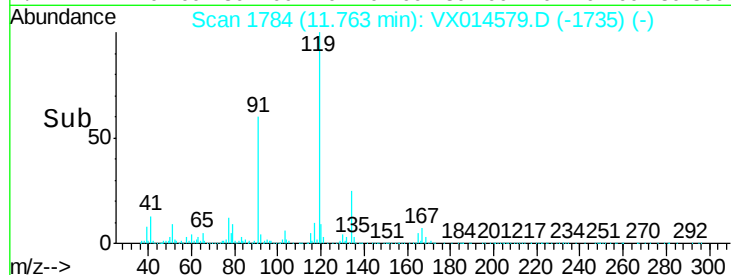
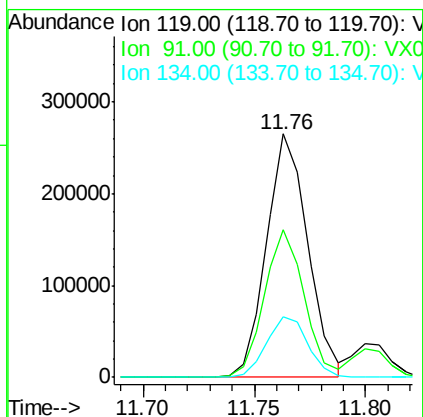
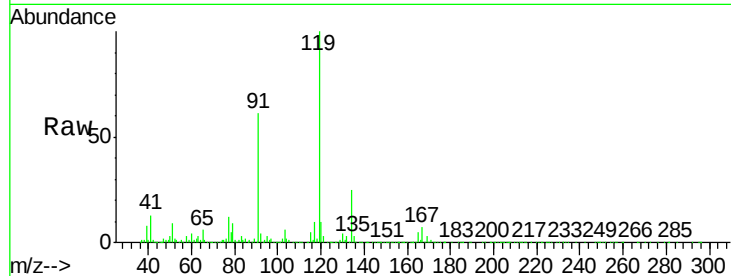
ClientSampled :

VX0113WBSD01

Tot Ion:	119	Resp:	340889
Ion Ratio	Lower	Upper	
119	100		
91	58.4	29.3	88.0
134	25.2	12.4	37.4

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#84

1,2,4-Trimethylbenzene

Concen: 20.860 ug/l

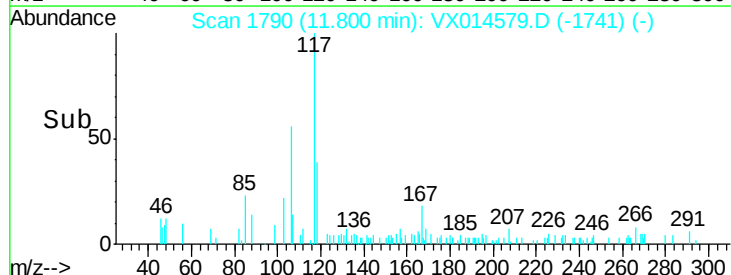
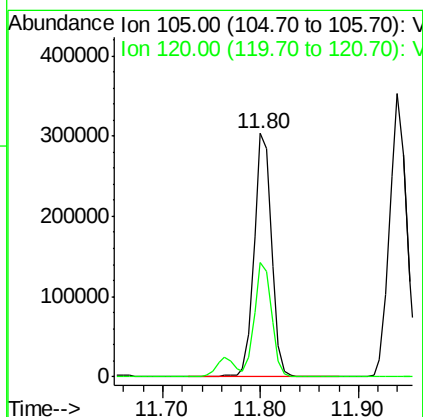
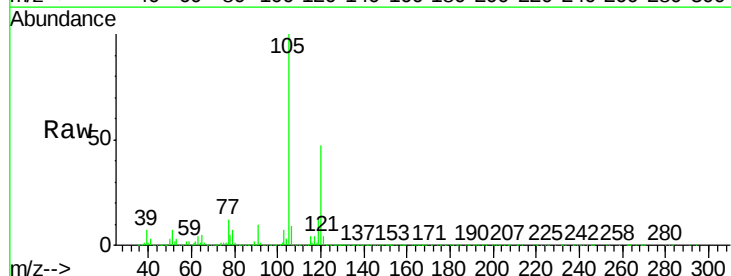
RT: 11.80 min Scan# 1790

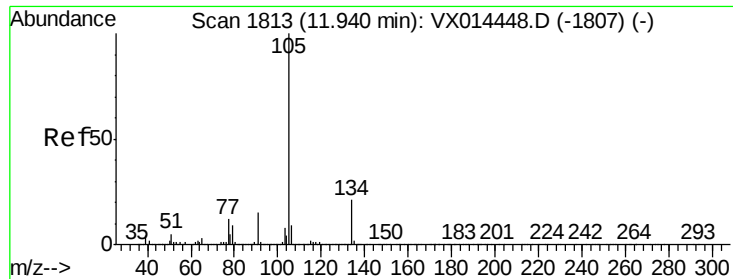
Delta R.T. -0.00 min

Lab File: VX014579.D

Acq: 13 Jan 2020 12:15

Tgt Ion:	105	Resp:	373899
Ion Ratio	Lower	Upper	
105	100		
120	45.9	23.1	69.3





#85

sec-Butylbenzene

Concen: 20.337 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX014579.D

Acq: 13 Jan 2020 12:15

Instrument :

MSVOA_X

ClientSampleId :

VX0113WBSD01

Tot Ion:105 Resp: 423728

Ion Ratio Lower Upper

105 100

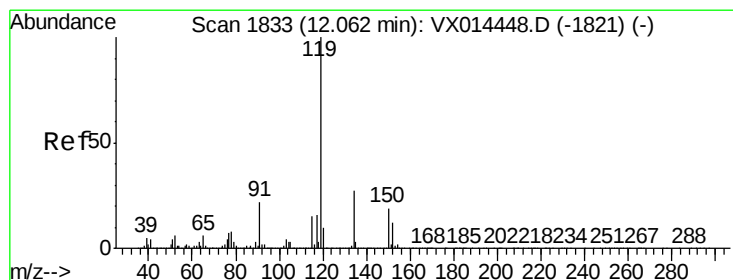
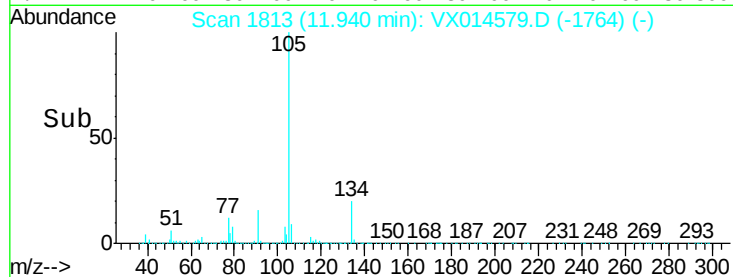
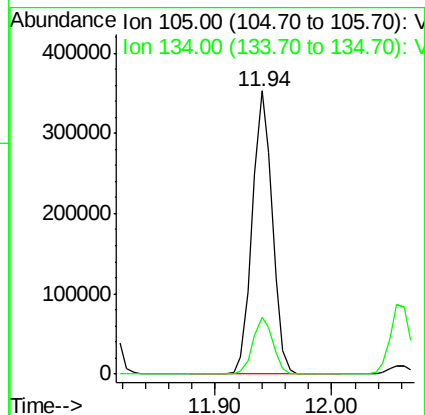
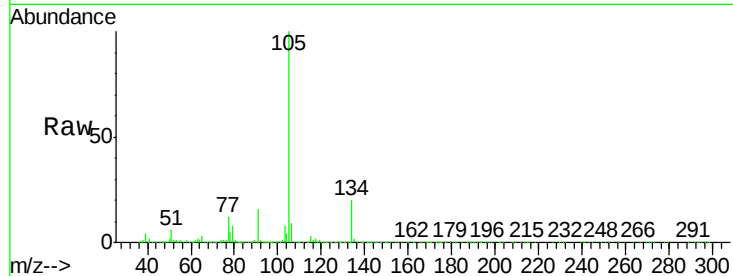
134 20.4 10.5 31.5

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#86

p-Isopropyltoluene

Concen: 20.289 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014579.D

Acq: 13 Jan 2020 12:15

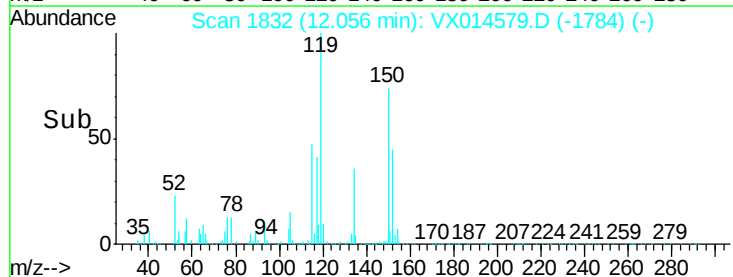
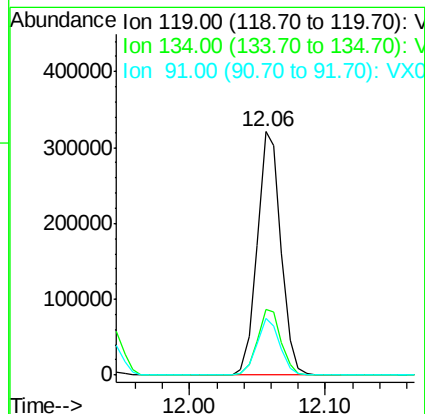
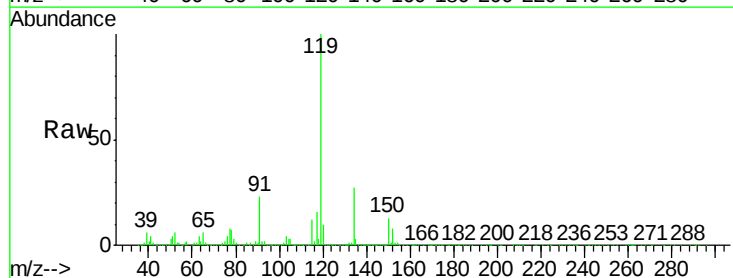
Tgt Ion:119 Resp: 392281

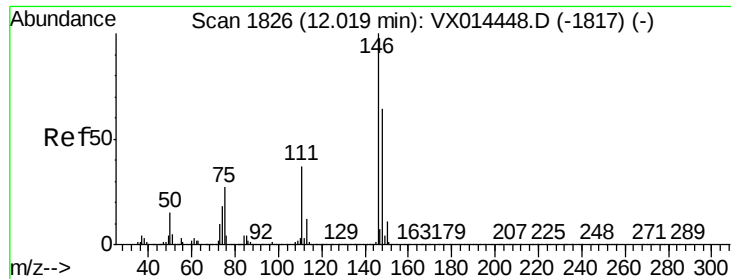
Ion Ratio Lower Upper

119 100

134 27.3 13.5 40.4

91 22.5 11.1 33.3





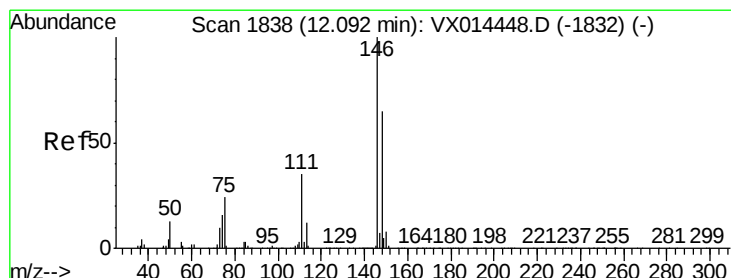
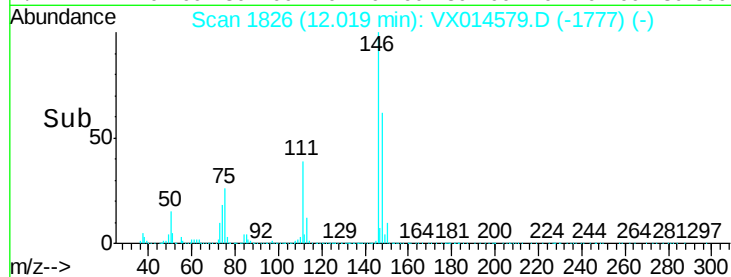
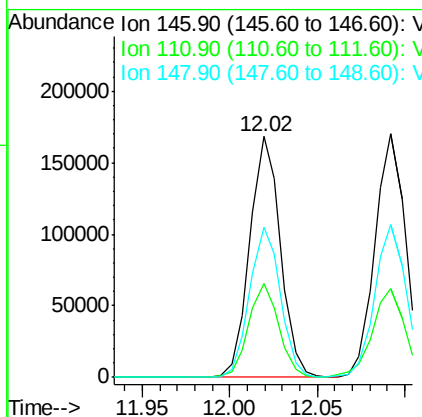
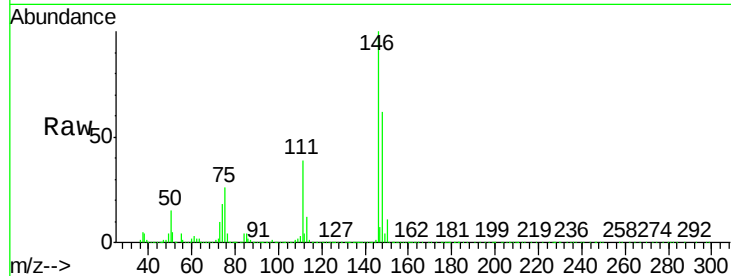
#87
 1,3-Dichlorobenzene
 Concen: 19.311 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX014579.D
 Acq: 13 Jan 2020 12:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0113WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.4	18.9	56.7
148	62.3	32.2	96.6

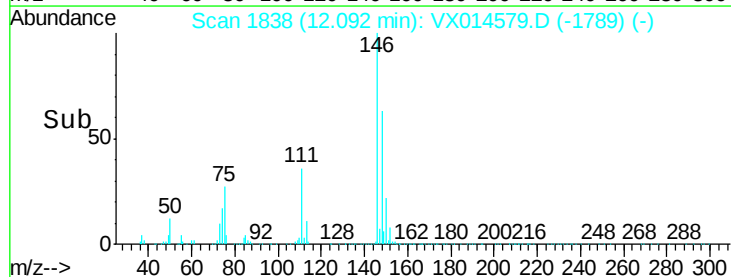
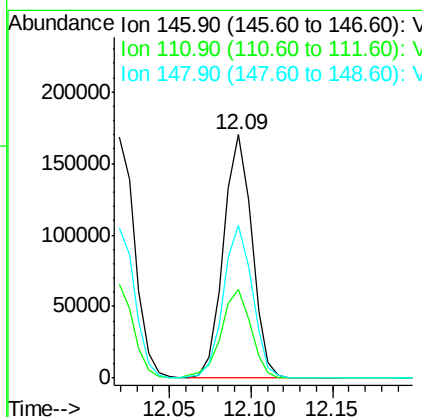
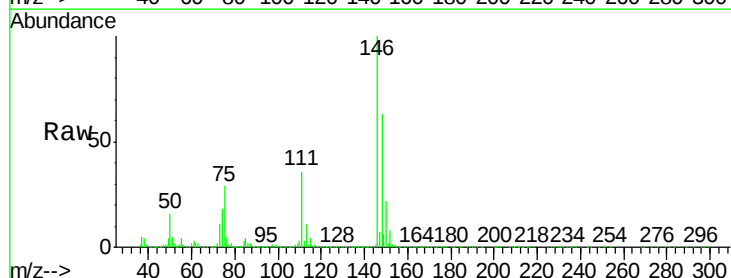
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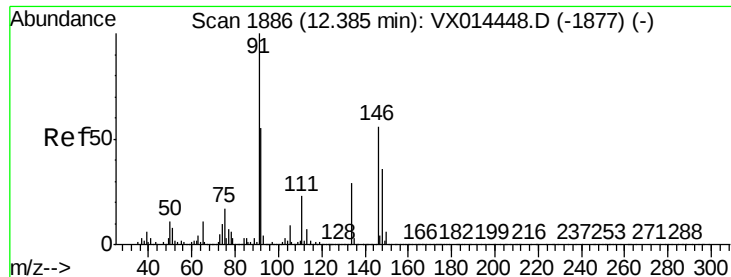
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#88
 1,4-Dichlorobenzene
 Concen: 20.330 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014579.D
 Acq: 13 Jan 2020 12:15

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.3	18.1	54.1
148	63.6	32.1	96.3





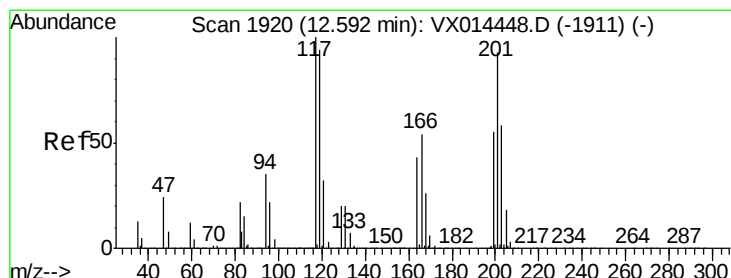
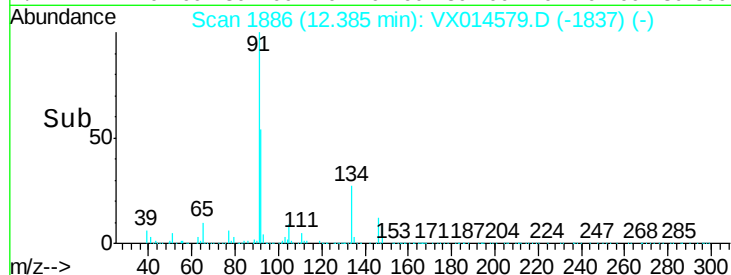
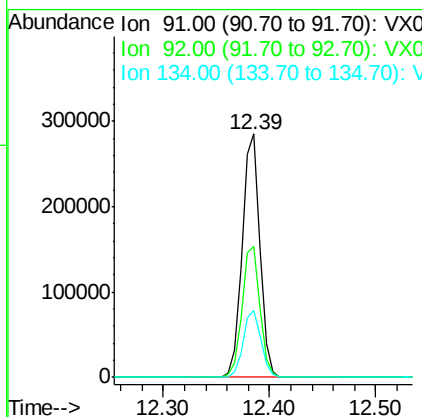
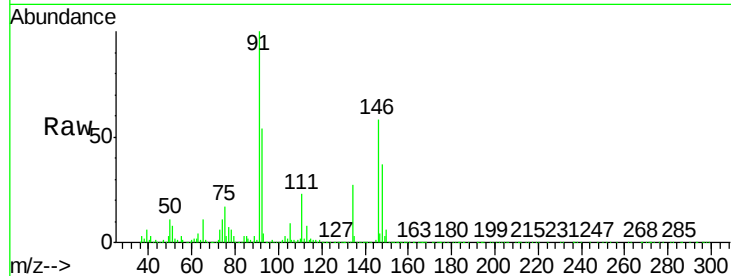
#89
n-Butylbenzene
Concen: 18.813 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX014579.D
Acq: 13 Jan 2020 12:15

Instrument :
MSVOA_X
ClientSampleId :
VX0113WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	54.5	27.4	82.2	
134	27.7	13.9	41.7	

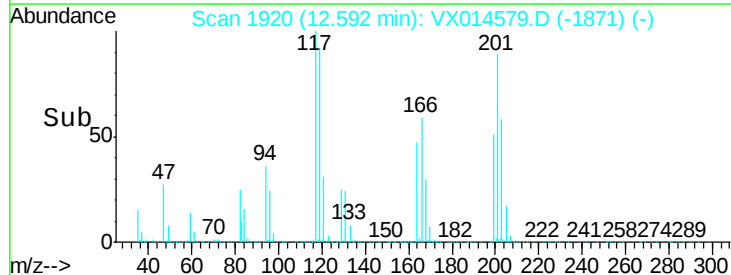
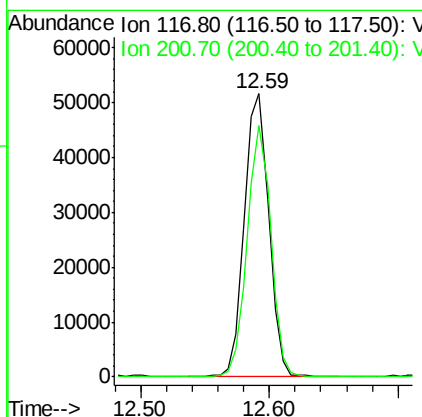
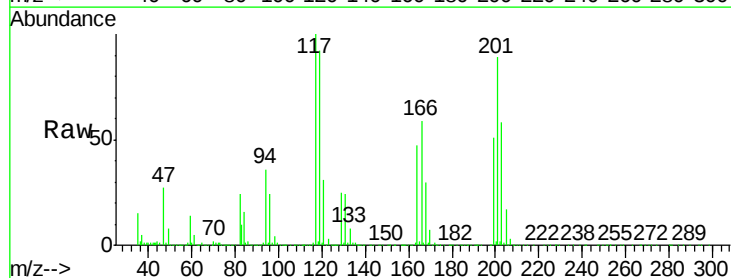
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#90
Hexachloroethane
Concen: 19.734 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX014579.D
Acq: 13 Jan 2020 12:15

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	86.3	44.8	134.3	





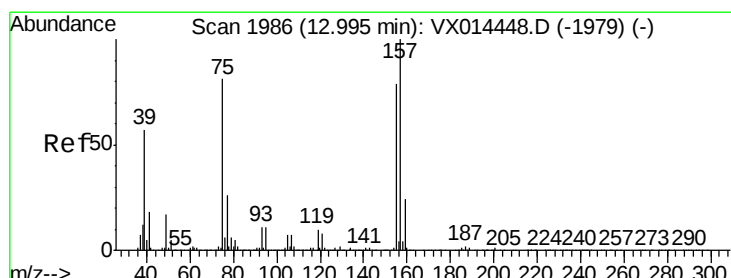
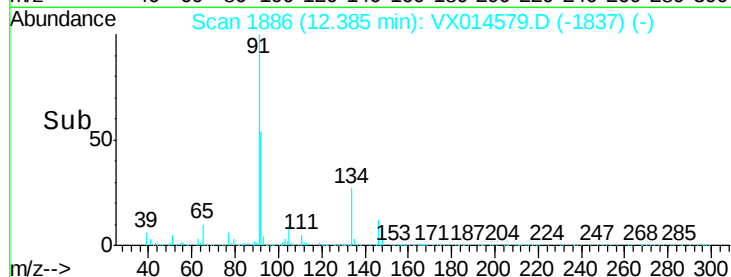
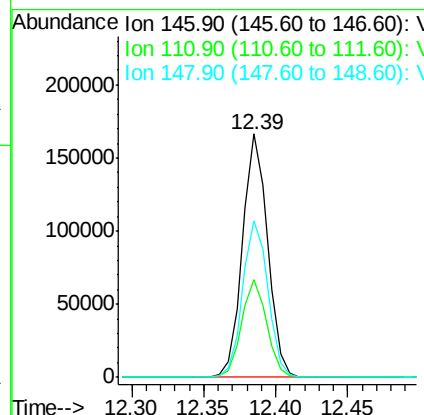
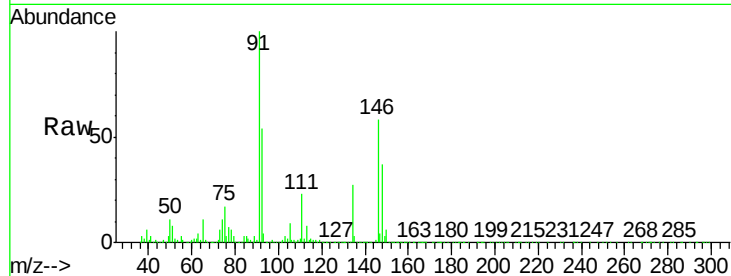
#91
 1,2-Dichlorobenzene
 Concen: 19.495 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX014579.D
 Acq: 13 Jan 2020 12:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0113WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.8	59.4
148	65.0	32.3	96.8

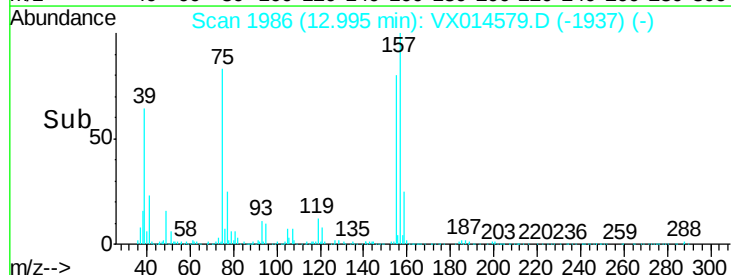
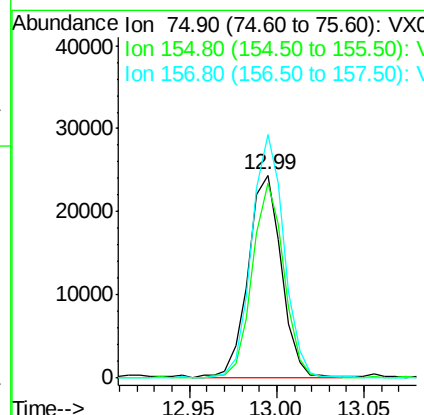
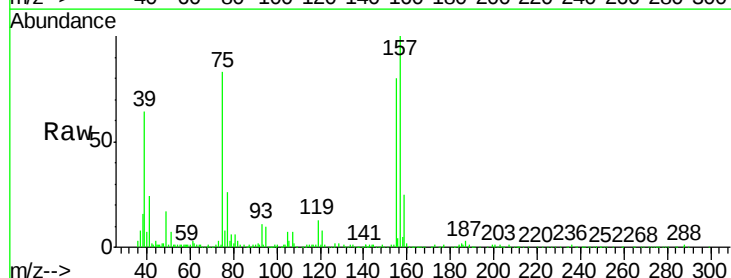
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.811 ug/l
 RT: 12.99 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX014579.D
 Acq: 13 Jan 2020 12:15

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.4	48.7	146.1
157	117.0	62.0	185.9





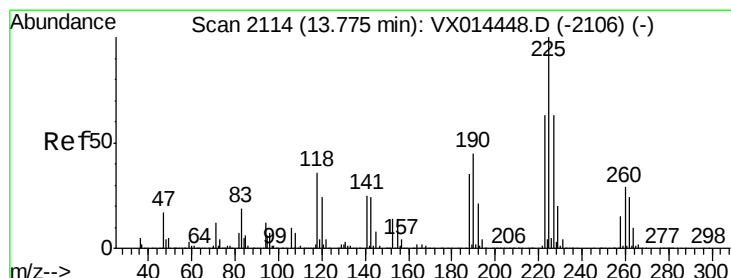
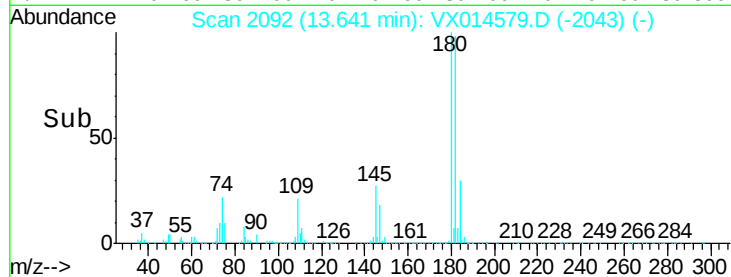
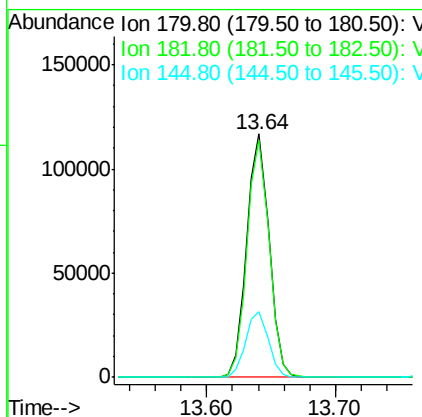
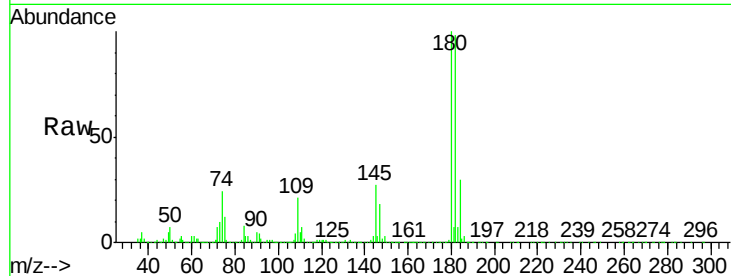
#93
 1,2,4-Trichlorobenzene
 Concen: 18.971 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014579.D
 Acq: 13 Jan 2020 12:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0113WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	139219		
182	96.1	47.5	142.5	
145	27.3	13.9	41.6	

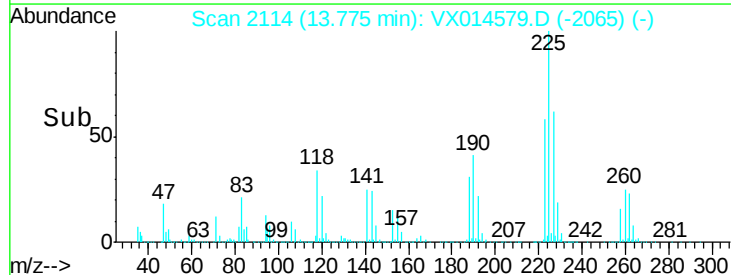
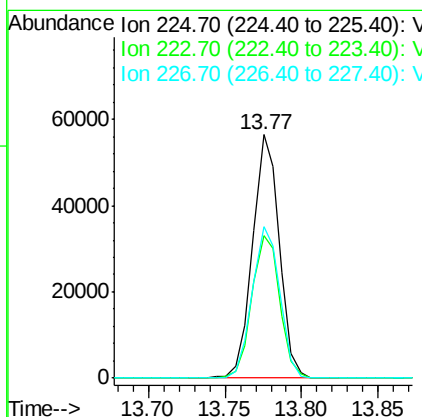
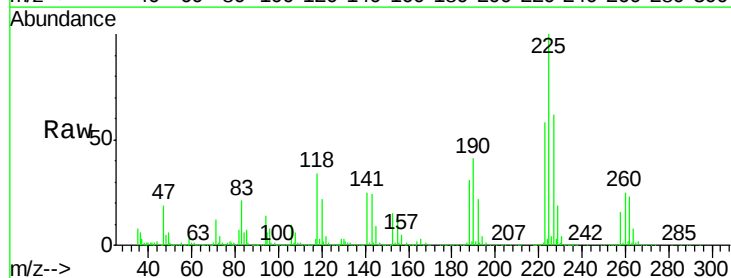
Manual Integrations
 APPROVED

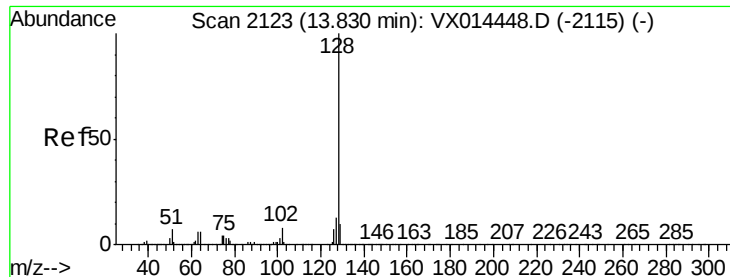
MMDadoda
 1/14/2020 3:08:58 PM



#94
 Hexachlorobutadiene
 Concen: 20.032 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX014579.D
 Acq: 13 Jan 2020 12:15

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	68474		
223	61.4	31.1	93.2	
227	64.5	31.4	94.2	





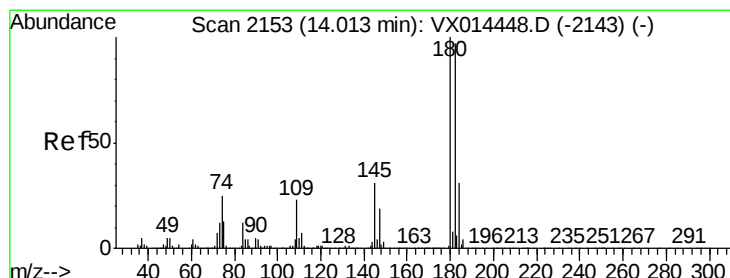
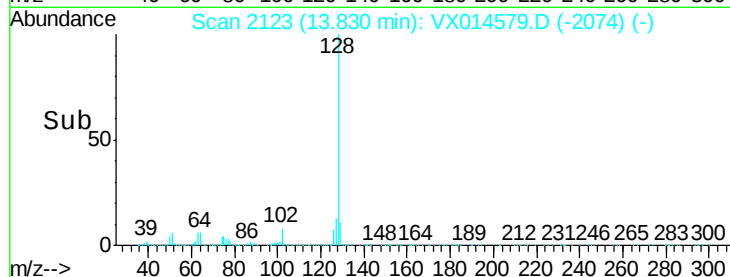
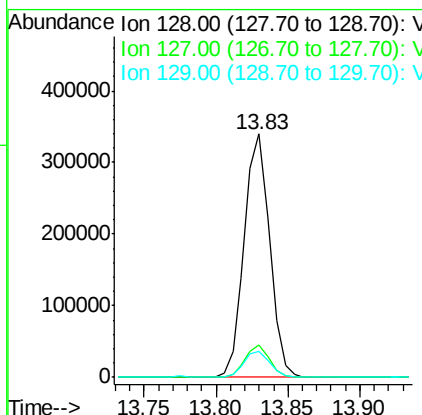
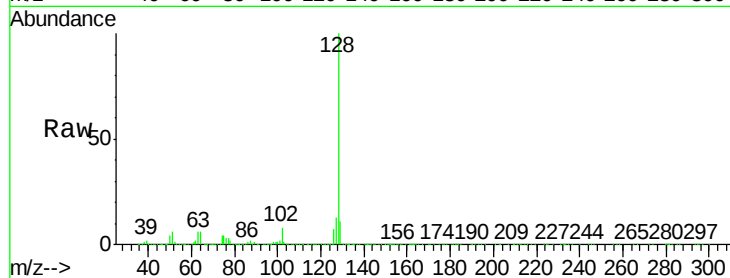
#95
Naphthalene
Concen: 18.383 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX014579.D
Acq: 13 Jan 2020 12:15

Instrument :
MSVOA_X
ClientSampleId :
VX0113WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.3	15.5
129	10.9	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
1/14/2020 3:08:58 PM



#96
1,2,3-Trichlorobenzene
Concen: 19.559 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014579.D
Acq: 13 Jan 2020 12:15

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.9	143.6
145	29.3	14.8	44.3

