

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011420\
 Data File : VX014599.D
 Acq On : 14 Jan 2020 11:46
 Operator : JC/SP
 Sample : VX0114WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0114WBSD01

Manual Integrations
 APPROVED

MMDadoda
 1/15/2020 10:24:05 AM

Quant Time: Jan 15 00:46:09 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	469629	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	699315	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	634300	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	316133	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	252141	48.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.18%	
35) Dibromofluoromethane	5.48	113	205801	48.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.24%	
50) Toluene-d8	8.71	98	799354	48.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.32%	
62) 4-Bromofluorobenzene	11.13	95	283438	47.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	107634	18.619	ug/l	98
3) Chloromethane	1.32	50	112847	18.851	ug/l	99
4) Vinyl Chloride	1.40	62	126866	19.019	ug/l	98
5) Bromomethane	1.64	94	74831	16.923	ug/l	98
6) Chloroethane	1.72	64	71901	18.981	ug/l	94
7) Trichlorofluoromethane	1.92	101	138892	18.355	ug/l	95
8) Diethyl Ether	2.18	74	64864	18.789	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	85231	18.514	ug/l	98
10) Methyl Iodide	2.50	142	105301	19.102	ug/l	99
11) Tert butyl alcohol	3.02	59	106996	97.744	ug/l	98
12) 1,1-Dichloroethene	2.37	96	81799	17.636	ug/l	100
13) Acrolein	2.28	56	56556	64.459	ug/l	98
14) Allyl chloride	2.72	41	147860	18.157	ug/l	97
15) Acrylonitrile	3.12	53	260293	98.522	ug/l	99
16) Acetone	2.43	43	238364	87.970	ug/l	99
17) Carbon Disulfide	2.56	76	213800	16.520	ug/l	99
18) Methyl Acetate	2.76	43	157215	20.864	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	288880	19.401	ug/l	99
20) Methylene Chloride	2.85	84	96375	18.273	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	88409	17.459	ug/l	94
22) Diisopropyl ether	3.84	45	314231	19.967	ug/l	93
23) Vinyl Acetate	3.80	43	1209497	99.269	ug/l	99
24) 1,1-Dichloroethane	3.69	63	163164	19.059	ug/l	99
25) 2-Butanone	4.65	43	359623	91.831	ug/l	99
26) 2,2-Dichloropropane	4.58	77	127812	17.624	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	104602	18.479	ug/l	99
28) Bromochloromethane	5.00	49	69855	19.365	ug/l	95
29) Tetrahydrofuran	5.11	42	237358	102.514	ug/l	97
30) Chloroform	5.20	83	161716	19.331	ug/l	98
31) Cyclohexane	5.57	56	149002	18.594	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	130950	18.287	ug/l	99
36) 1,1-Dichloropropene	5.79	75	119830	18.221	ug/l	100
37) Ethyl Acetate	4.81	43	137956	19.312	ug/l	98
38) Carbon Tetrachloride	5.78	117	112621	18.609	ug/l	94

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	150931	18.268	ug/l	97
40) Benzene	6.13	78	368696	18.889	ug/l	97
41) Methacrylonitrile	5.02	41	77912	20.453	ug/l	97
42) 1,2-Dichloroethane	6.18	62	130650	19.144	ug/l	100
43) Isopropyl Acetate	6.43	43	224120	19.422	ug/l	98
44) Trichloroethene	7.20	130	103481	18.448	ug/l	99
45) 1,2-Dichloropropane	7.50	63	95601	19.211	ug/l	100
46) Dibromomethane	7.65	93	65738	18.927	ug/l	95
47) Bromodichloromethane	7.89	83	121271	19.189	ug/l	99
48) Methyl methacrylate	7.76	41	108331	19.601	ug/l	99
49) 1,4-Dioxane	7.73	88	47458	405.249	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	713742	101.501	ug/l	98
52) Toluene	8.78	92	235897	18.880	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	132877	18.059	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	148928	18.737	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	98617	19.650	ug/l	99
56) Ethyl methacrylate	9.17	69	145413	18.912	ug/l	96
57) 1,3-Dichloropropane	9.36	76	166211	19.808	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	253865	97.043	ug/l	100
59) 2-Hexanone	9.48	43	538254	96.740	ug/l	98
60) Dibromochloromethane	9.57	129	96723	19.175	ug/l	100
61) 1,2-Dibromoethane	9.67	107	100386	18.883	ug/l	100
64) Tetrachloroethene	9.33	164	109919	17.291	ug/l	97
65) Chlorobenzene	10.13	112	257206	18.685	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	92038	18.736	ug/l	98
67) Ethyl Benzene	10.25	91	443350	18.896	ug/l	99
68) m/p-Xylenes	10.35	106	335139	37.025	ug/l	97
69) o-Xylene	10.70	106	161844	18.740	ug/l	98
70) Styrene	10.71	104	277035	18.588	ug/l	99
71) Bromoform	10.85	173	72829	18.120	ug/l #	98
73) Isopropylbenzene	11.01	105	433011	19.506	ug/l	100
74) N-amyl acetate	10.89	43	186857	19.079	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	144829	20.343	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	124100m	18.973	ug/l	
77) Bromobenzene	11.25	156	114914	18.666	ug/l	99
78) n-propylbenzene	11.35	91	494911	19.466	ug/l	99
79) 2-Chlorotoluene	11.42	91	294581	19.441	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	360997	19.587	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	44130	17.837	ug/l	90
82) 4-Chlorotoluene	11.50	91	338257	19.018	ug/l	98
83) tert-Butylbenzene	11.76	119	344112	19.760	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	362739	19.477	ug/l	100
85) sec-Butylbenzene	11.94	105	421451	19.468	ug/l	100
86) p-Isopropyltoluene	12.06	119	387656	19.297	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	199200	18.030	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	203027	19.198	ug/l	99
89) n-Butylbenzene	12.38	91	331250	18.034	ug/l	99
90) Hexachloroethane	12.59	117	65646	18.603	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	202412	18.699	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	28565	17.838	ug/l	98

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ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0114WBSD01

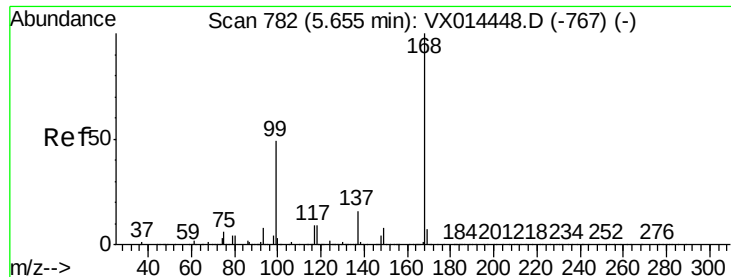
Manual Integrations
APPROVED

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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	134925	17.687	ug/l	98
94) Hexachlorobutadiene	13.77	225	69663	19.615	ug/l	99
95) Naphthalene	13.83	128	402892	17.086	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	137146	18.222	ug/l	99

(#) = 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: VX014599.D

Acq: 14 Jan 2020 11:46

Instrument :

MSVOA_X

ClientSampleId :

VX0114WBSD01

Tot Ion:168 Resp: 469629

Ion Ratio Lower Upper

168 100

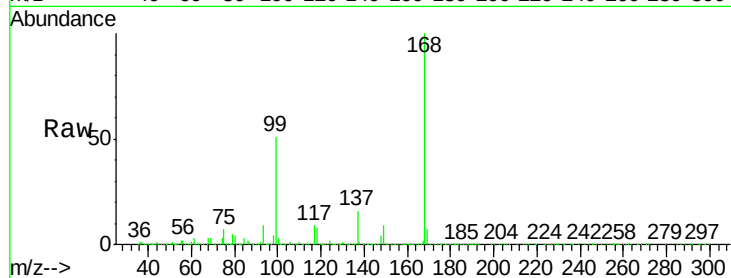
99 50.4 39.2 58.8

Manual Integrations

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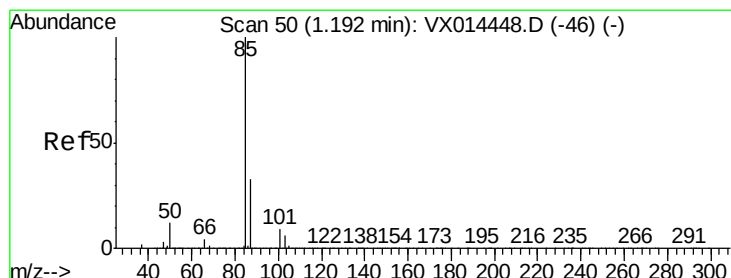
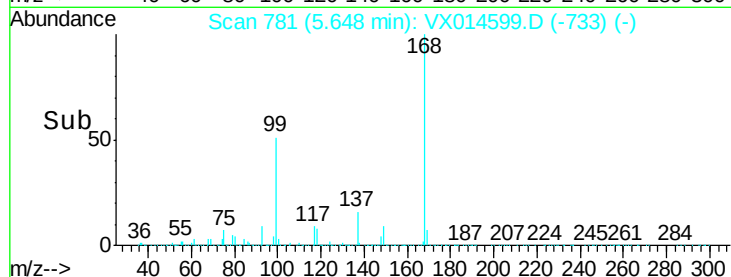
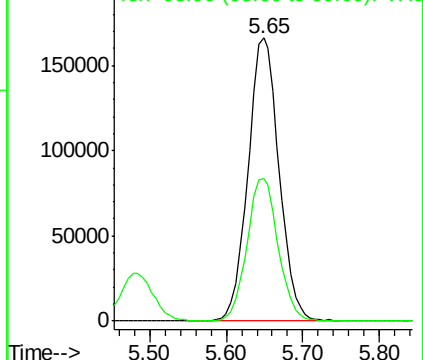
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 18.619 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014599.D

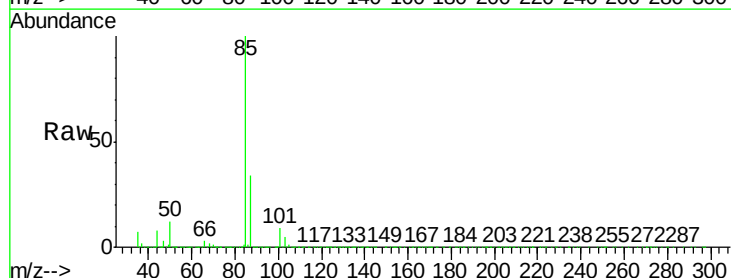
Acq: 14 Jan 2020 11:46

Tgt Ion: 85 Resp: 107634

Ion Ratio Lower Upper

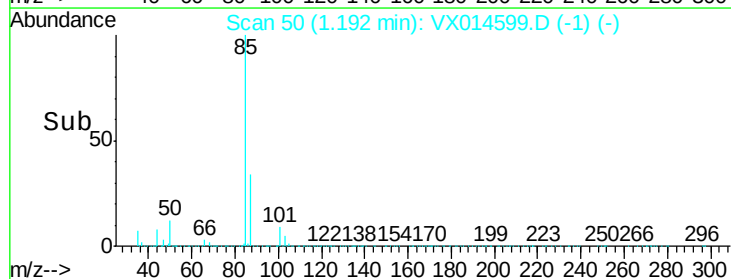
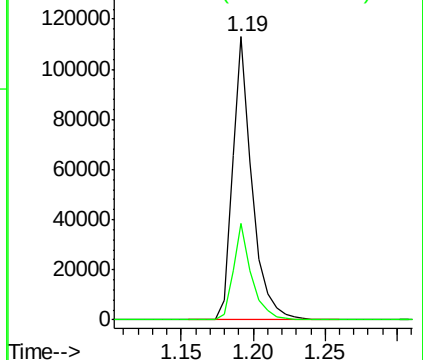
85 100

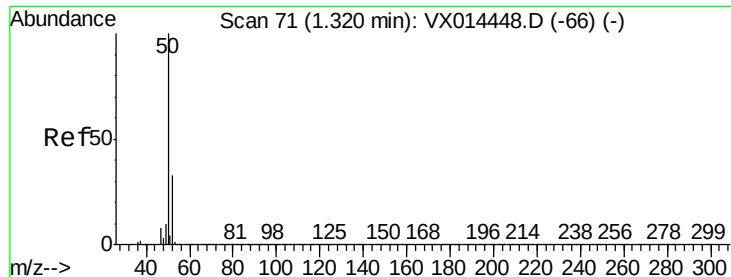
87 33.9 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 18.851 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX014599.D

Acq: 14 Jan 2020 11:46

Instrument :

MSVOA_X

ClientSampleId :

VX0114WBSD01

Tot Ion: 50 Resp: 112847

Ion Ratio Lower Upper

50 100

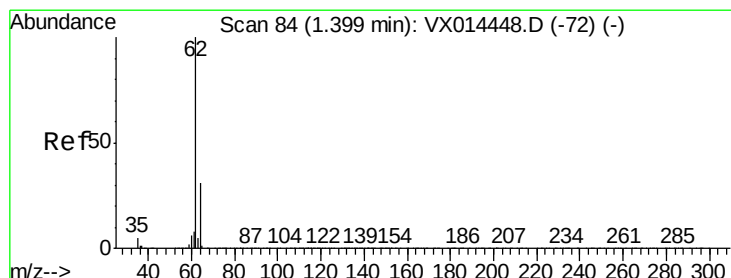
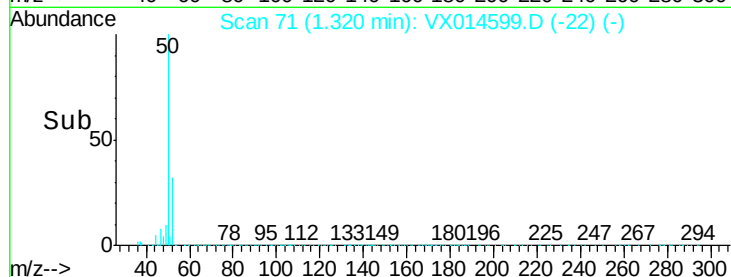
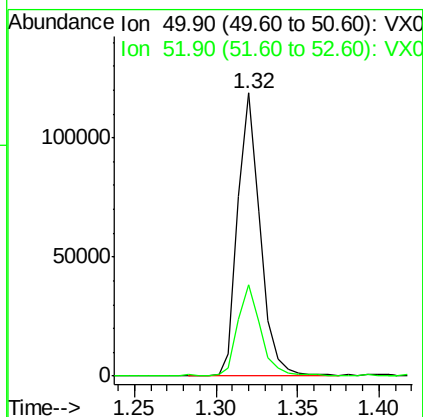
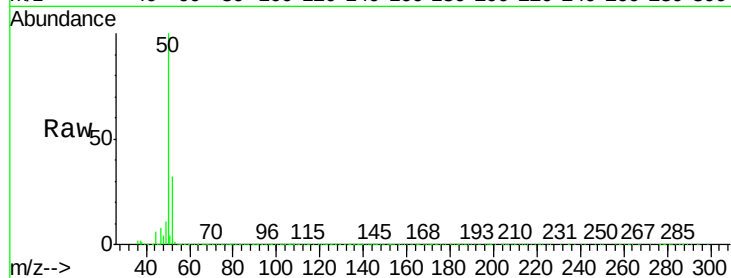
52 32.2 26.1 39.1

Manual Integrations

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#4

Vinyl Chloride

Concen: 19.019 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX014599.D

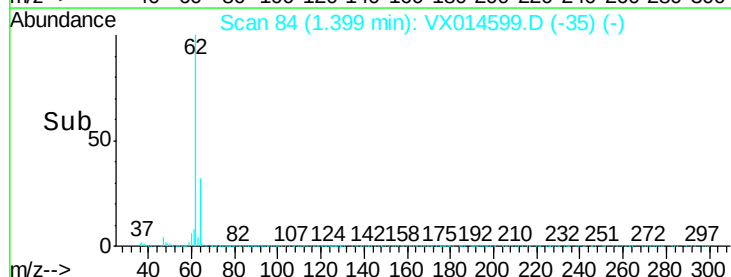
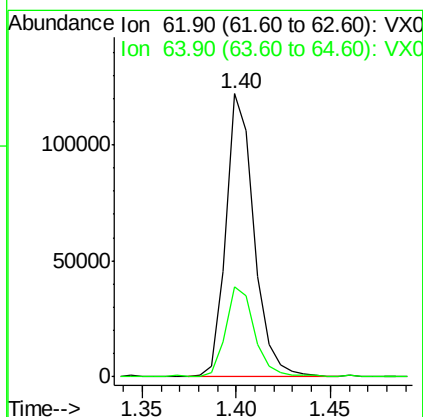
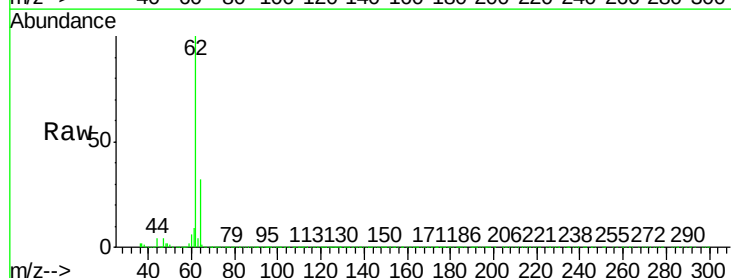
Acq: 14 Jan 2020 11:46

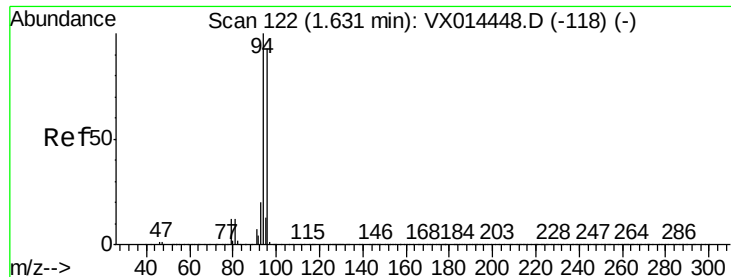
Tgt Ion: 62 Resp: 126866

Ion Ratio Lower Upper

62 100

64 31.8 24.6 37.0





#5

Bromomethane

Concen: 16.923 ug/l

RT: 1.64 min Scan# 123

Delta R.T. 0.01 min

Lab File: VX014599.D

Acq: 14 Jan 2020 11:46

Instrument :

MSVOA_X

ClientSampleId :

VX0114WBSD01

Tot Ion: 94 Resp: 74831

Ion Ratio Lower Upper

94 100

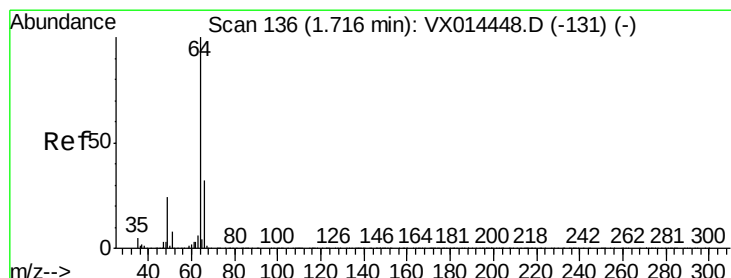
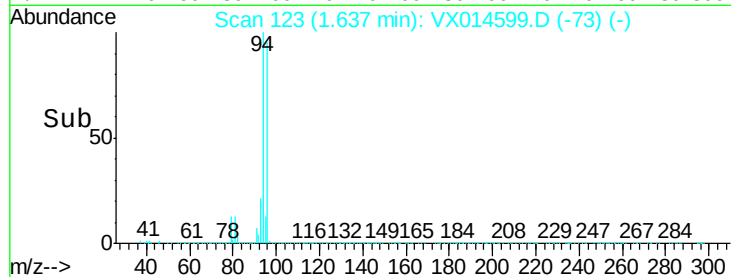
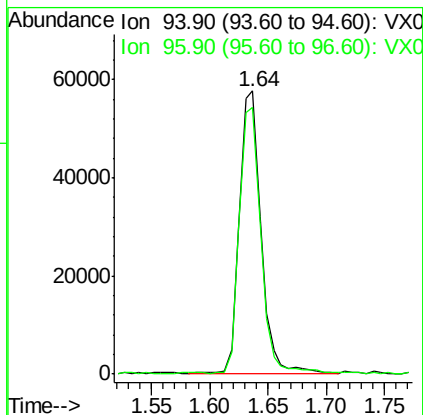
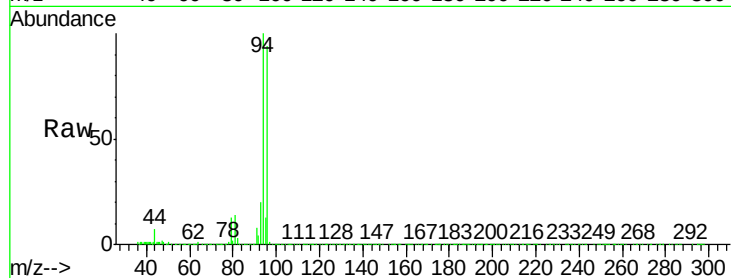
96 94.2 74.2 111.2

Manual Integrations

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1/15/2020 10:24:05 AM



#6

Chloroethane

Concen: 18.981 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX014599.D

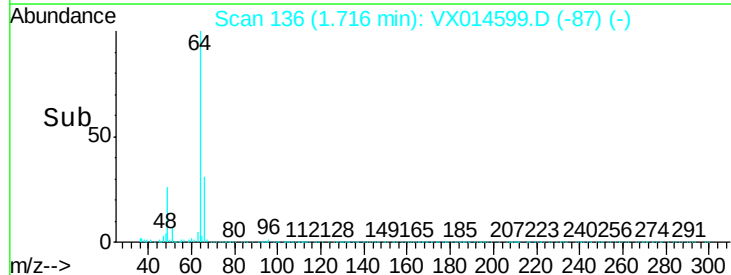
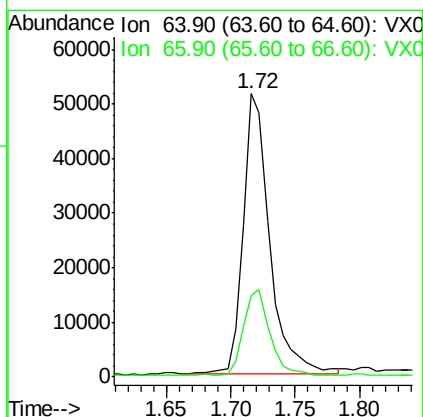
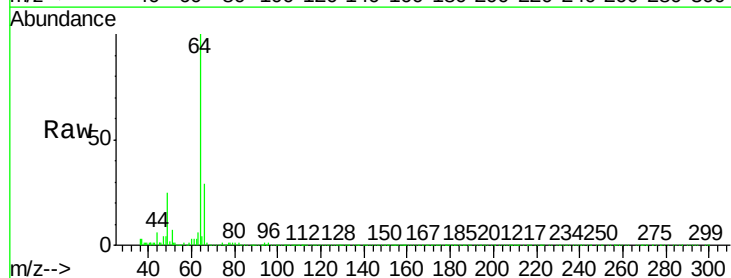
Acq: 14 Jan 2020 11:46

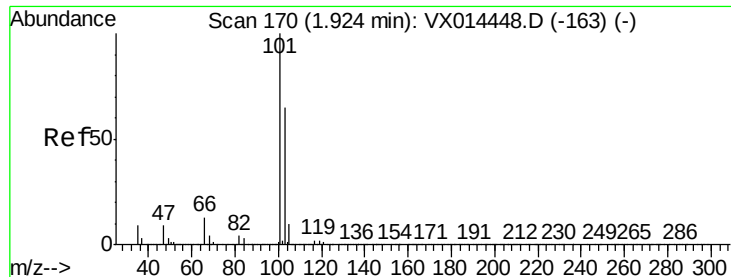
Tgt Ion: 64 Resp: 71901

Ion Ratio Lower Upper

64 100

66 28.4 25.3 37.9





#7

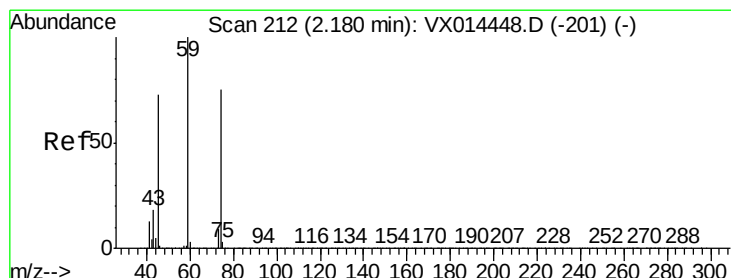
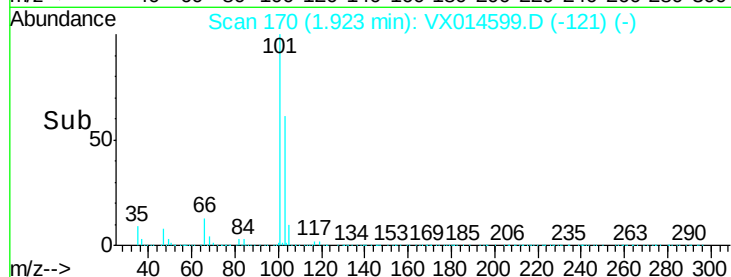
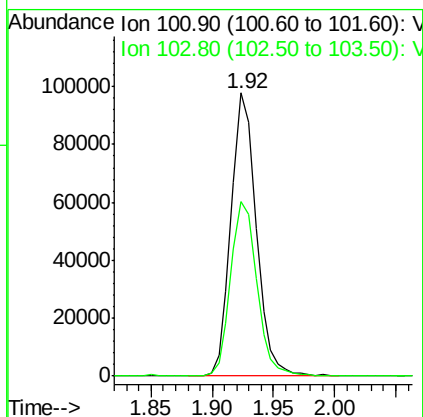
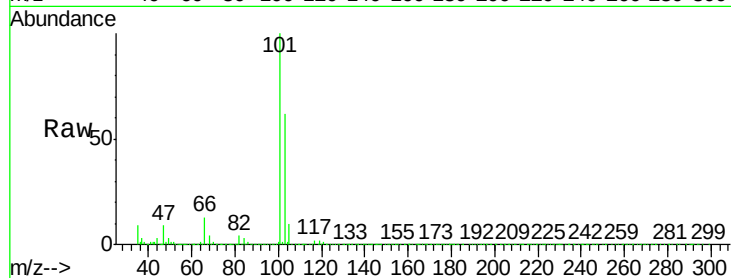
Trichlorofluoromethane
Concen: 18.355 ug/l
RT: 1.92 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX014599.D
Acq: 14 Jan 2020 11:46

Instrument :
MSVOA_X
ClientSampleId :
VX0114WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	61.5	52.2	78.4

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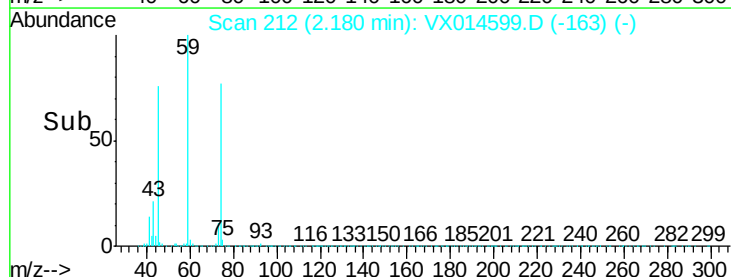
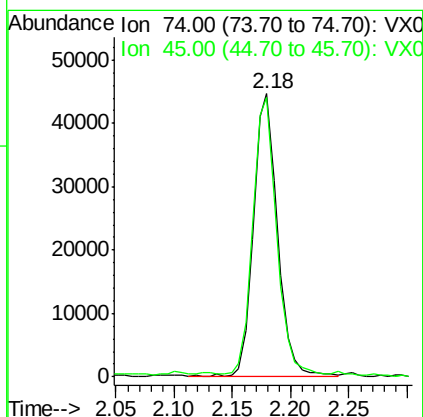
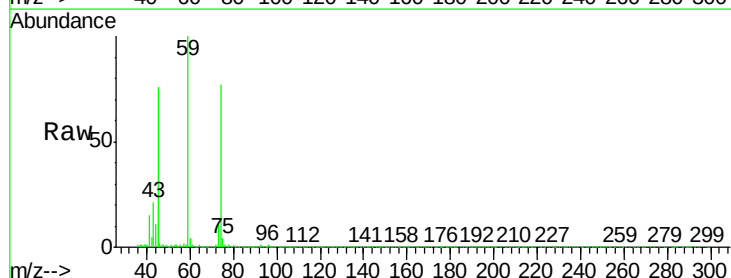
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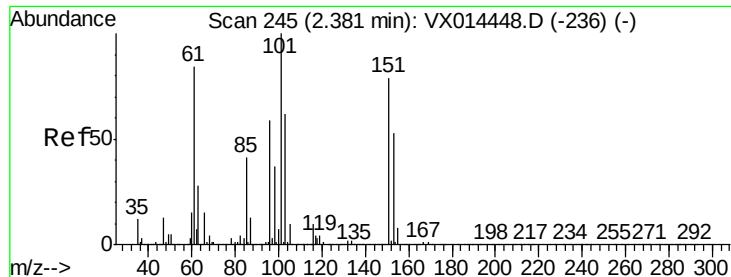


#8

Diethyl Ether
Concen: 18.789 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX014599.D
Acq: 14 Jan 2020 11:46

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.5	48.7	146.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.514 ug/l

RT: 2.38 min Scan# 245

Delta R.T. -0.00 min

Lab File: VX014599.D

Acq: 14 Jan 2020 11:46

Instrument :

MSVOA_X

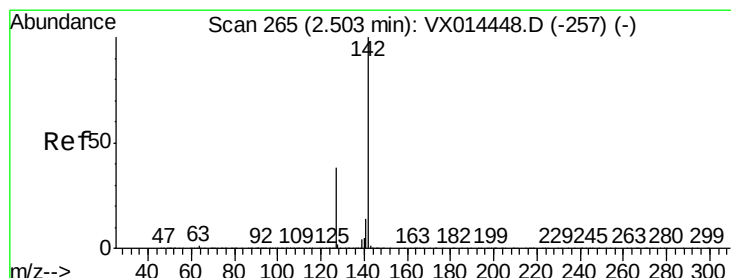
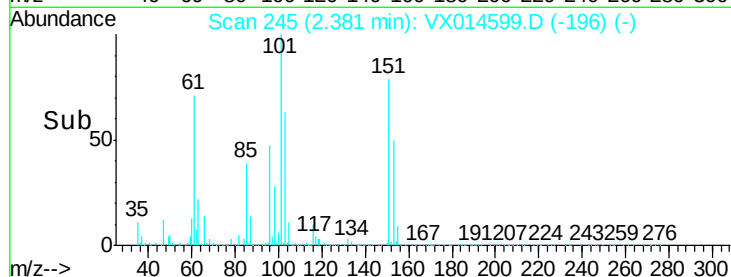
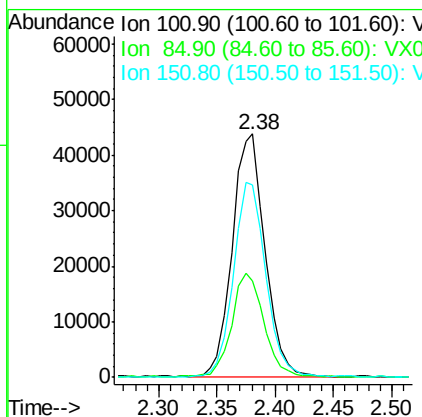
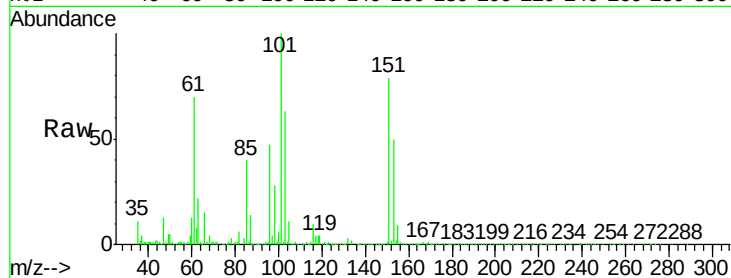
ClientSampleId :

VX0114WBSD01

Tot Ion:	101	Resp:	85231
Ion Ratio	Lower	Upper	
101	100		
85	43.3	33.8	50.8
151	79.6	65.3	97.9

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#10

Methyl Iodide

Concen: 19.102 ug/l

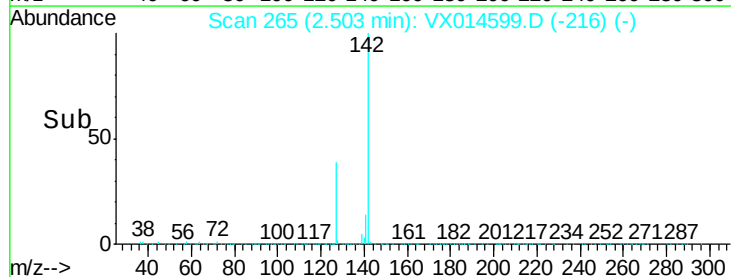
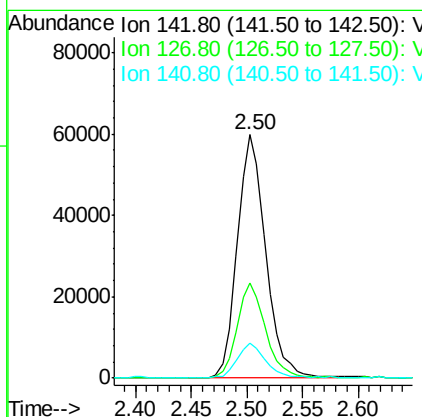
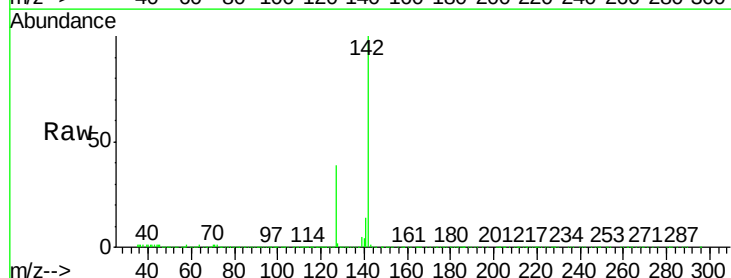
RT: 2.50 min Scan# 265

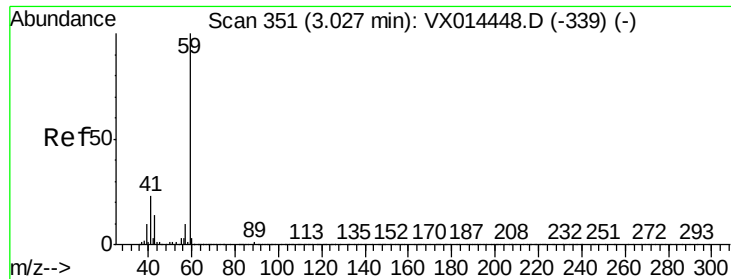
Delta R.T. -0.00 min

Lab File: VX014599.D

Acq: 14 Jan 2020 11:46

Tgt Ion:	142	Resp:	105301
Ion Ratio	Lower	Upper	
142	100		
127	39.8	31.2	46.8
141	14.7	11.4	17.2





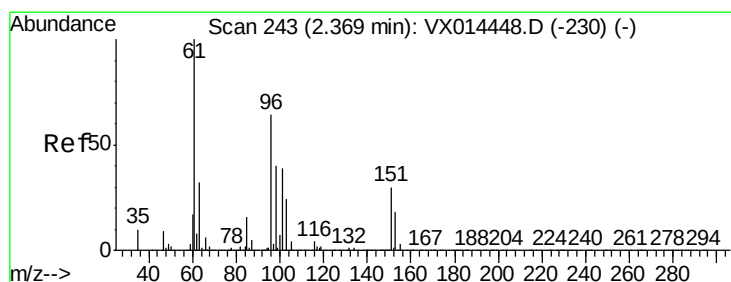
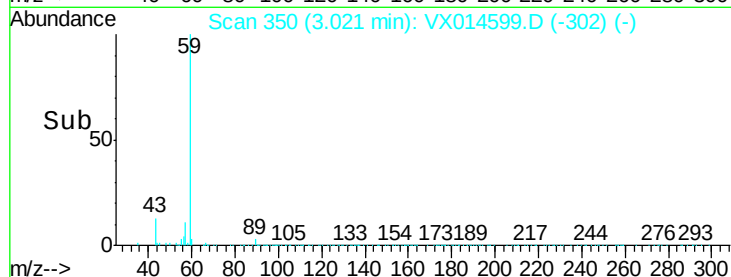
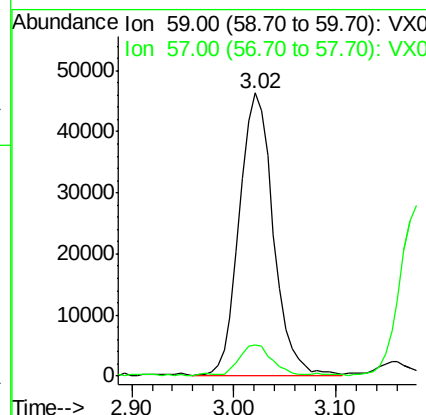
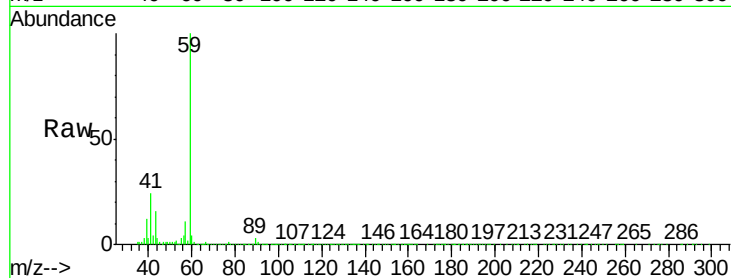
#11
Tert butyl alcohol
Concen: 97.744 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.01 min
Lab File: VX014599.D
Acq: 14 Jan 2020 11:46

Instrument :
MSVOA_X
ClientSampleId :
VX0114WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.9	8.5	12.7

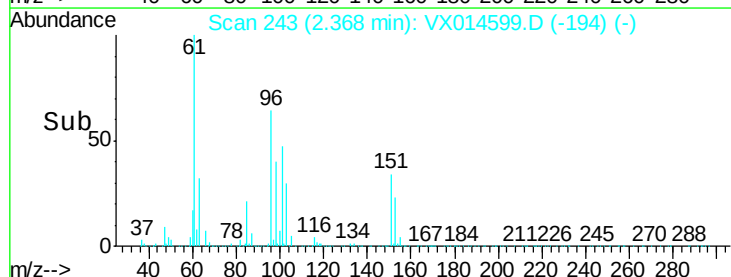
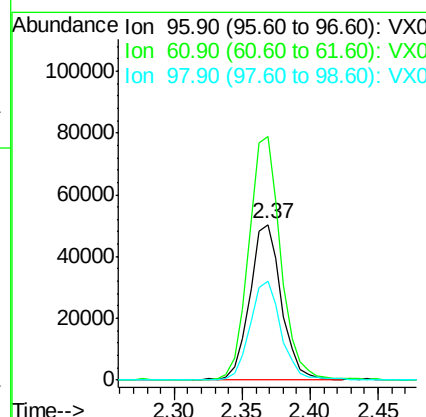
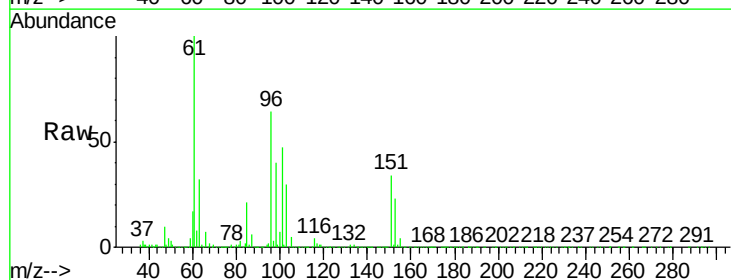
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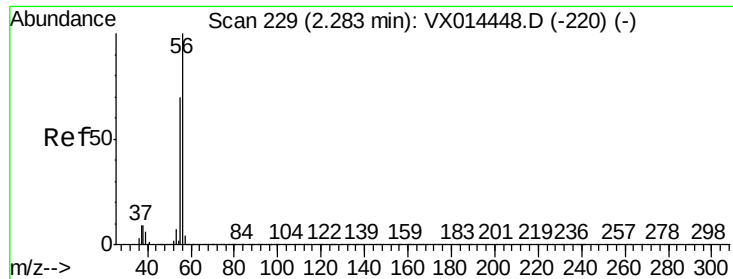
MMDadoda
1/15/2020 10:24:05 AM



#12
1,1-Dichloroethene
Concen: 17.636 ug/l
RT: 2.37 min Scan# 243
Delta R.T. -0.00 min
Lab File: VX014599.D
Acq: 14 Jan 2020 11:46

Tgt Ion	Ratio	Lower	Upper
96	100		
61	156.5	125.0	187.6
98	62.9	50.2	75.2





#13

Acrolein

Concen: 64.459 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX014599.D

Acq: 14 Jan 2020 11:46

Instrument :

MSVOA_X

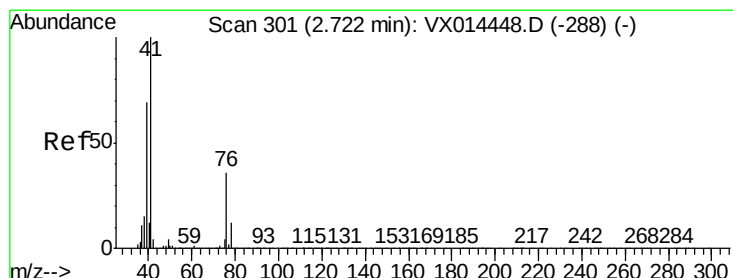
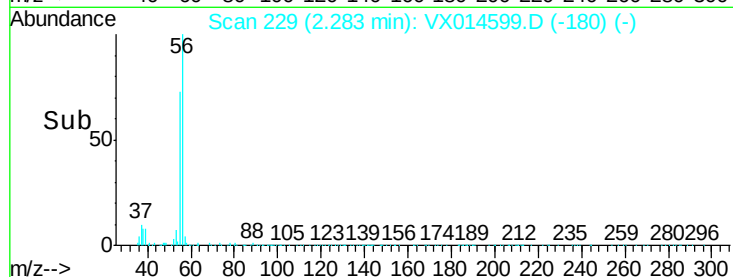
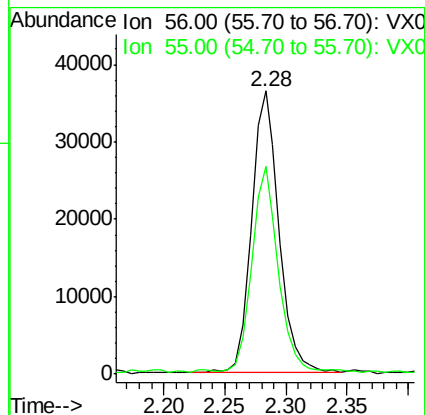
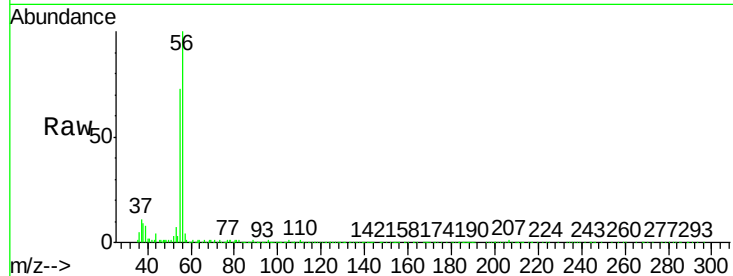
ClientSampleId :

VX0114WBSD01

Tot Ion:	56	Resp:	56556
Ion Ratio	Lower	Upper	
56	100		
55	70.8	55.0	82.6

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#14

Allyl chloride

Concen: 18.157 ug/l

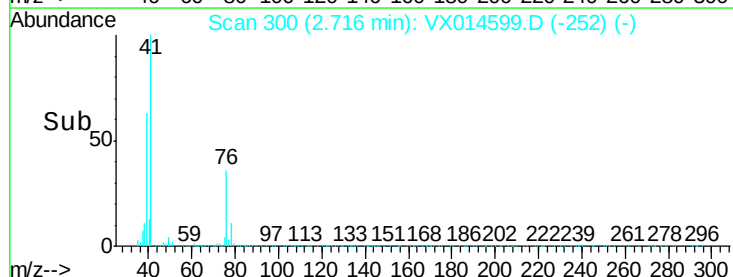
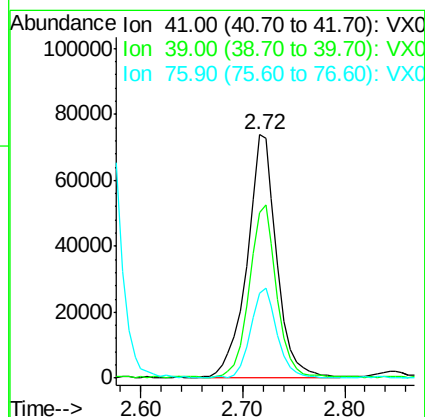
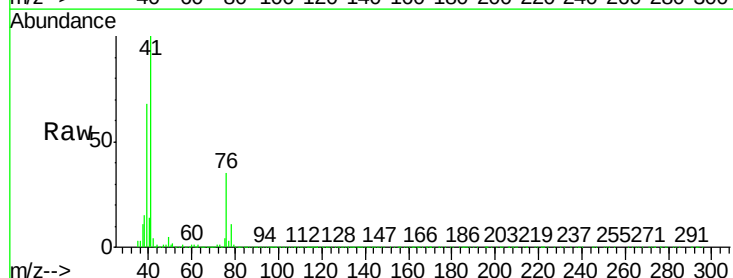
RT: 2.72 min Scan# 300

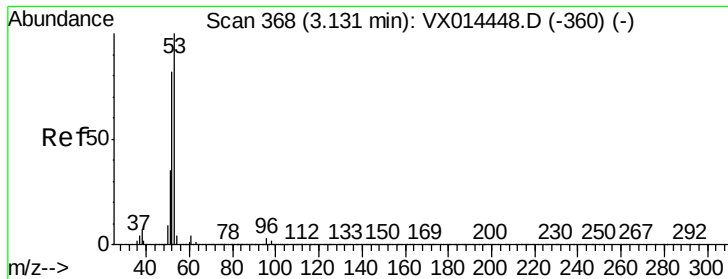
Delta R.T. -0.01 min

Lab File: VX014599.D

Acq: 14 Jan 2020 11:46

Tgt Ion:	41	Resp:	147860
Ion Ratio	Lower	Upper	
41	100		
39	67.1	51.7	77.5
76	32.7	26.8	40.2





#15

Acrylonitrile

Concen: 98.522 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX014599.D

Acq: 14 Jan 2020 11:46

Instrument :

MSVOA_X

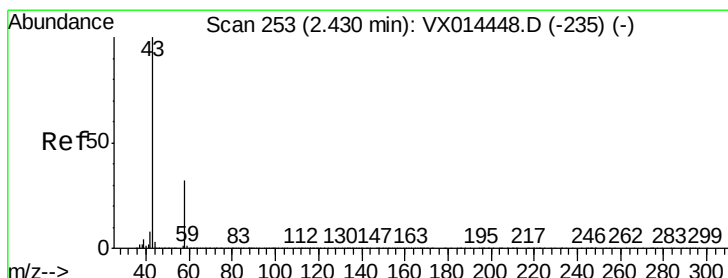
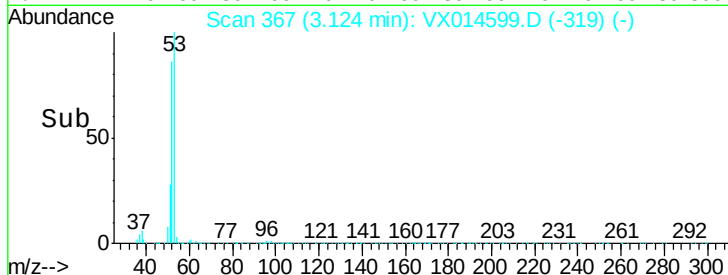
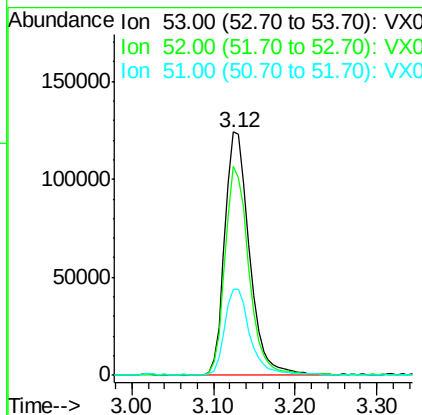
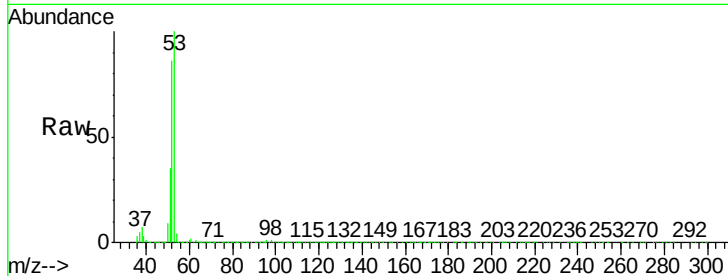
ClientSampleId :

VX0114WBSD01

Tot Ion:	53	Resp:	260293
Ion Ratio		Lower	Upper
53	100		
52	82.4	67.0	100.4
51	36.1	28.5	42.7

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#16

Acetone

Concen: 87.970 ug/l

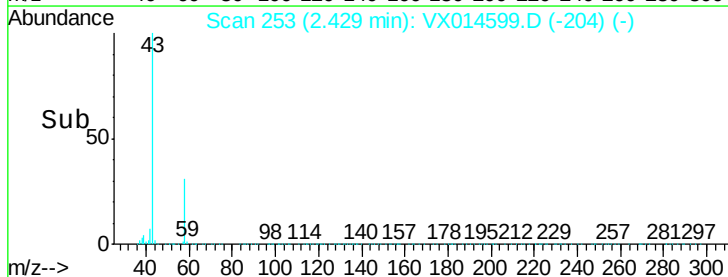
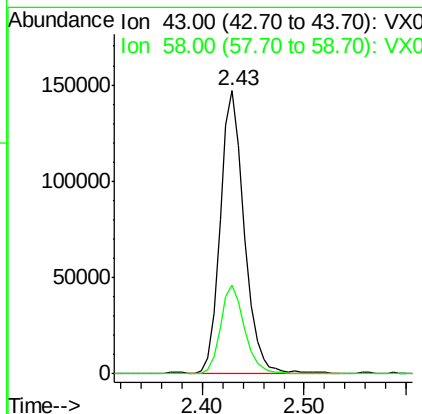
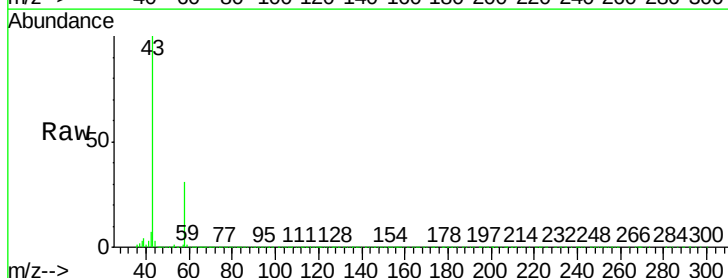
RT: 2.43 min Scan# 253

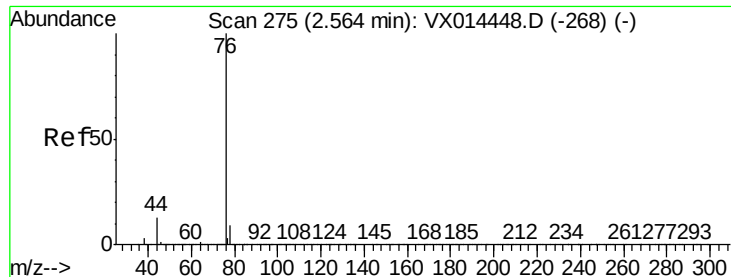
Delta R.T. 0.00 min

Lab File: VX014599.D

Acq: 14 Jan 2020 11:46

Tgt Ion:	43	Resp:	238364
Ion Ratio		Lower	Upper
43	100		
58	31.3	25.4	38.0





#17

Carbon Disulfide

Concen: 16.520 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.00 min

Lab File: VX014599.D

Acq: 14 Jan 2020 11:46

Instrument :

MSVOA_X

ClientSampleId :

VX0114WBSD01

Tot Ion: 76 Resp: 213800

Ion Ratio Lower Upper

76 100

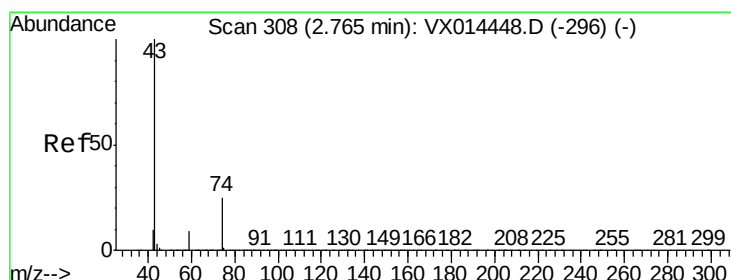
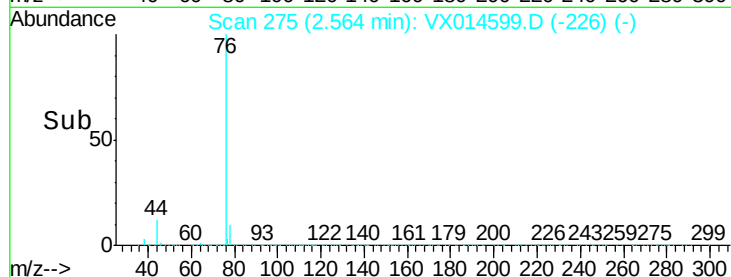
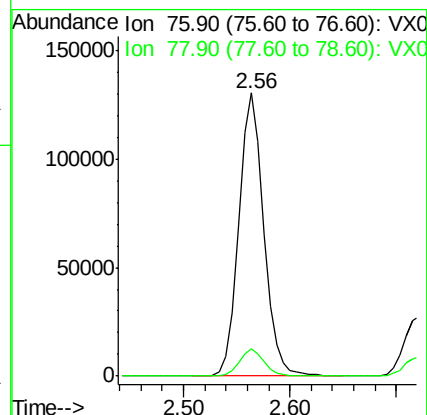
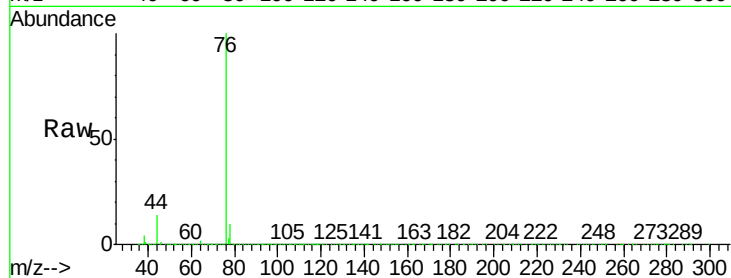
78 9.6 7.4 11.2

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#18

Methyl Acetate

Concen: 20.864 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014599.D

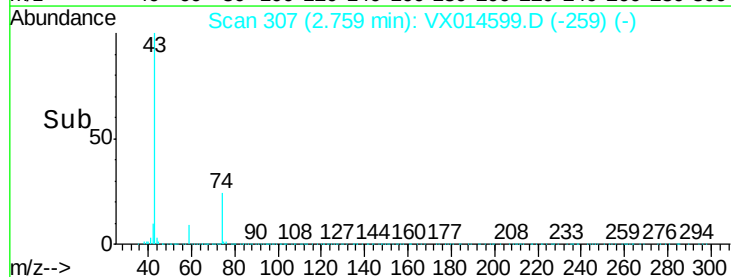
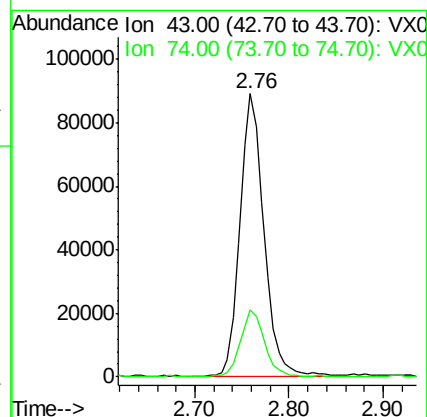
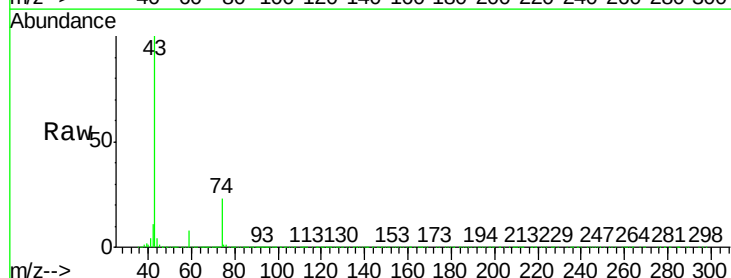
Acq: 14 Jan 2020 11:46

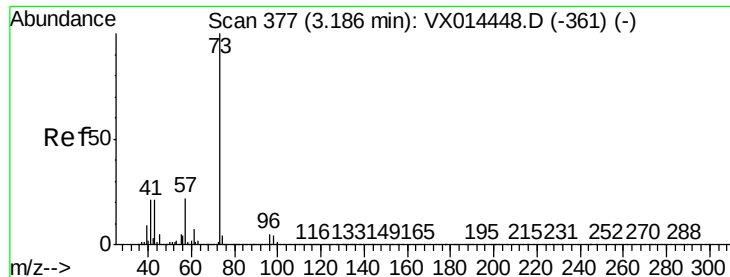
Tgt Ion: 43 Resp: 157215

Ion Ratio Lower Upper

43 100

74 24.0 19.4 29.2





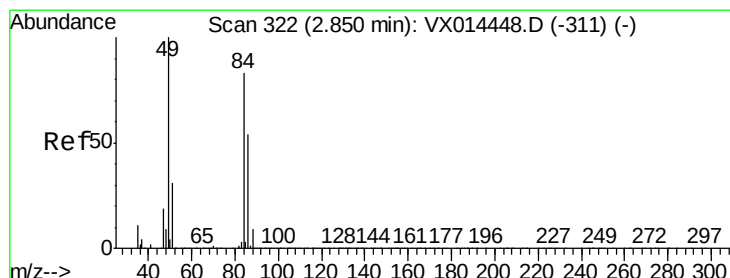
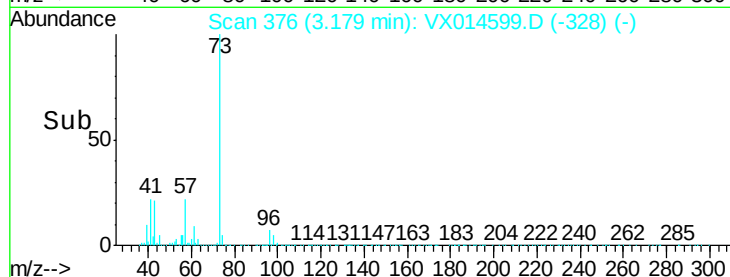
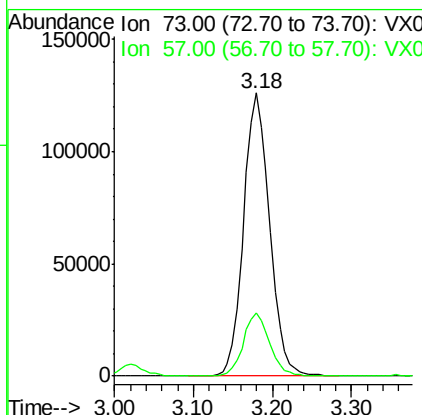
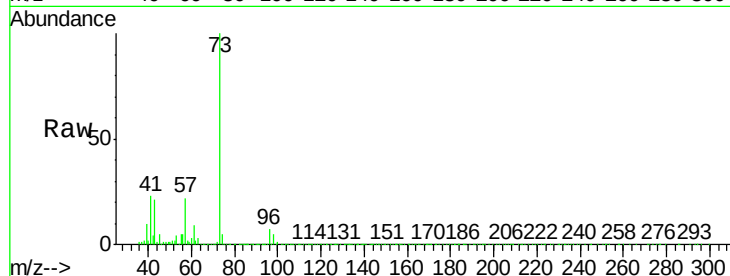
#19
Methyl tert-butyl Ether
Concen: 19.401 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014599.D
Acq: 14 Jan 2020 11:46

Instrument :
MSVOA_X
ClientSampleId :
VX0114WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.9	17.8	26.8

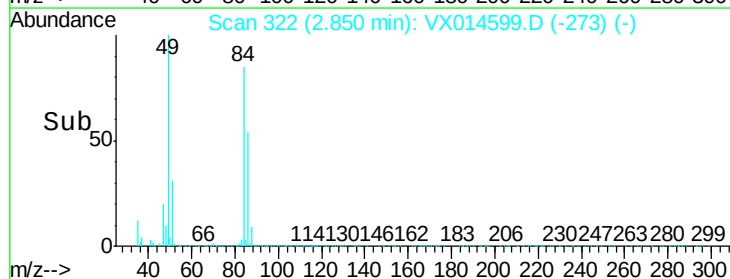
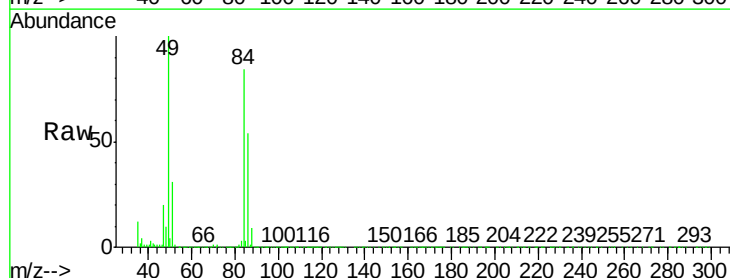
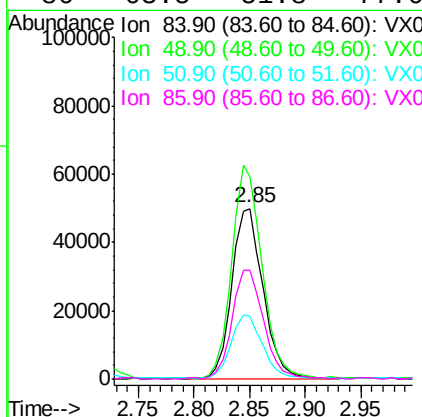
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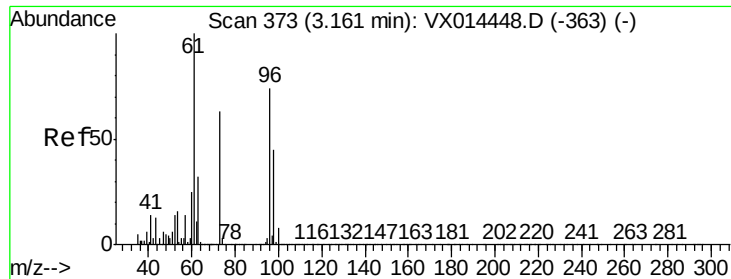
MMDadoda
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#20
Methylene Chloride
Concen: 18.273 ug/l
RT: 2.85 min Scan# 322
Delta R.T. -0.00 min
Lab File: VX014599.D
Acq: 14 Jan 2020 11:46

Tgt Ion	Ratio	Lower	Upper
84	100		
49	118.1	95.8	143.8
51	36.1	30.2	45.4
86	63.5	51.8	77.6





#21

trans-1,2-Dichloroethene

Concen: 17.459 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX014599.D

Acq: 14 Jan 2020 11:46

Instrument :

MSVOA_X

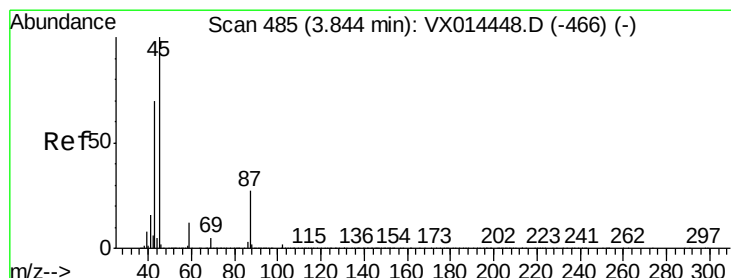
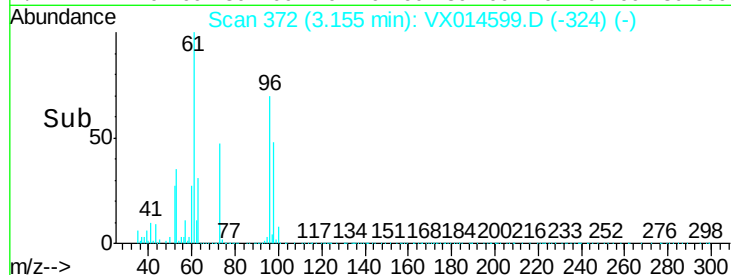
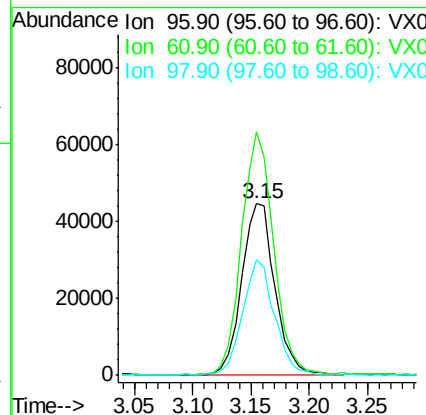
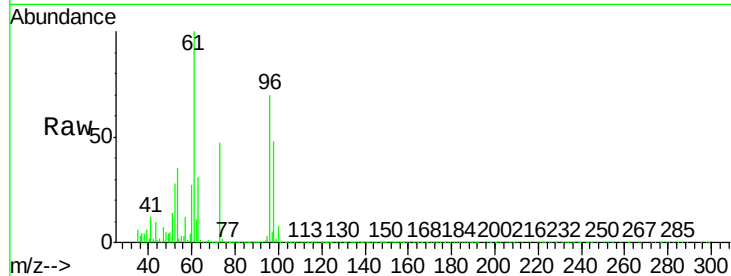
ClientSampleId :

VX0114WBSD01

Tot Ion:	96	Resp:	88409
Ion Ratio	Lower	Upper	
96	100		
61	141.8	108.2	162.4
98	67.4	48.8	73.2

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#22

Diisopropyl ether

Concen: 19.967 ug/l

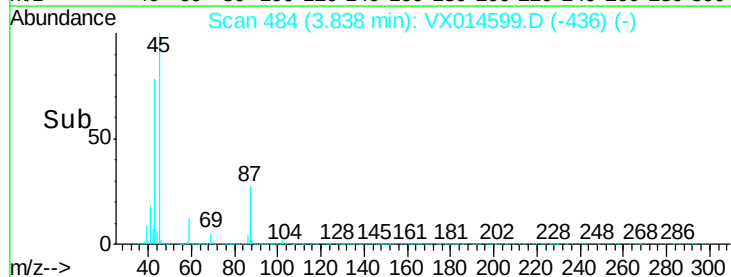
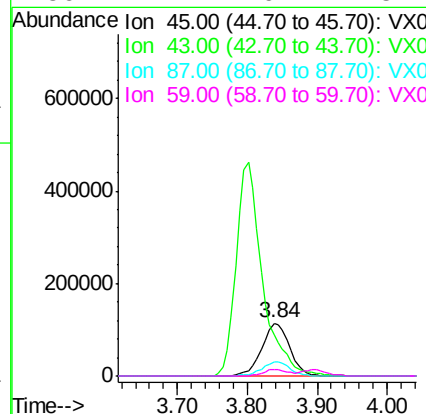
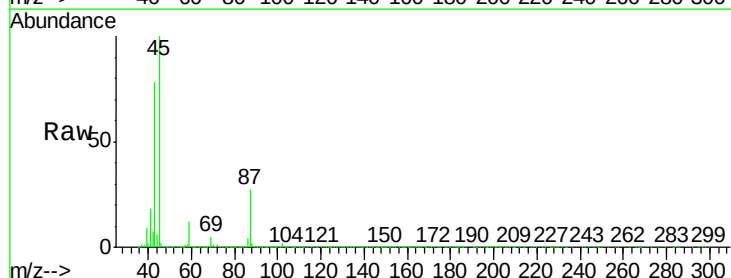
RT: 3.84 min Scan# 484

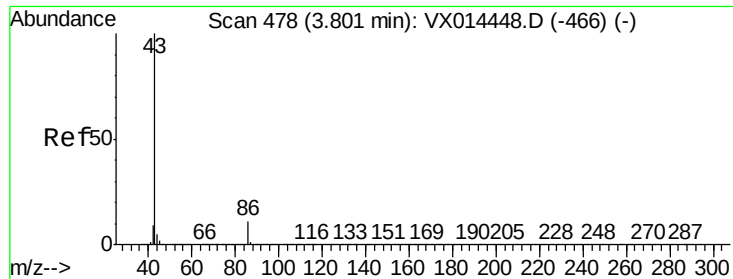
Delta R.T. -0.01 min

Lab File: VX014599.D

Acq: 14 Jan 2020 11:46

Tgt Ion:	45	Resp:	314231
Ion Ratio	Lower	Upper	
45	100		
43	78.3	55.8	83.6
87	27.1	21.8	32.8
59	11.4	9.1	13.7





#23

Vinyl Acetate

Concen: 99.269 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX014599.D

Acq: 14 Jan 2020 11:46

Instrument :

MSVOA_X

ClientSampleId :

VX0114WBSD01

Tot Ion: 43 Resp: 1209497

Ion Ratio Lower Upper

43 100

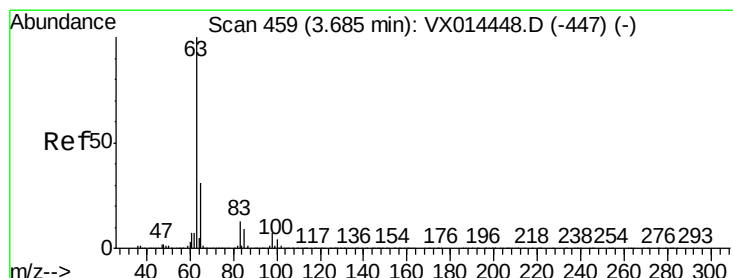
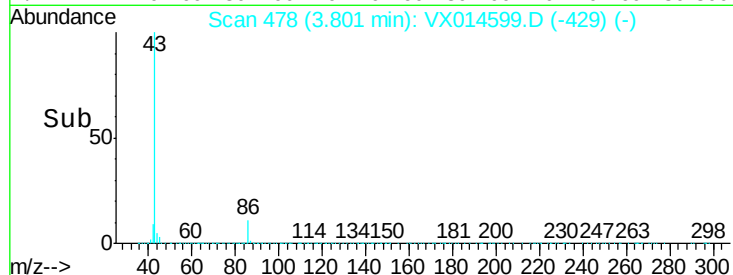
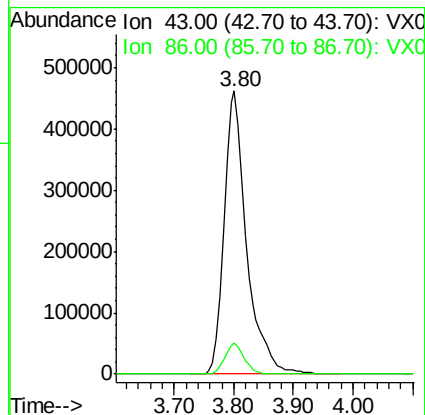
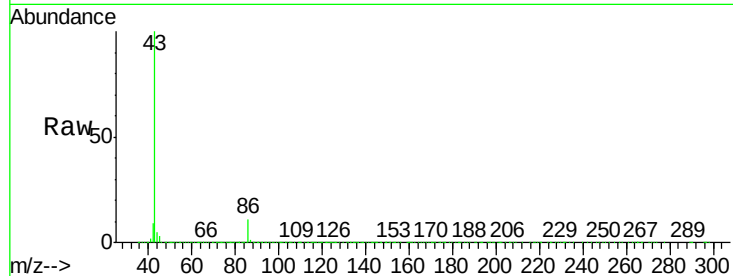
86 10.8 8.4 12.6

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 19.059 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX014599.D

Acq: 14 Jan 2020 11:46

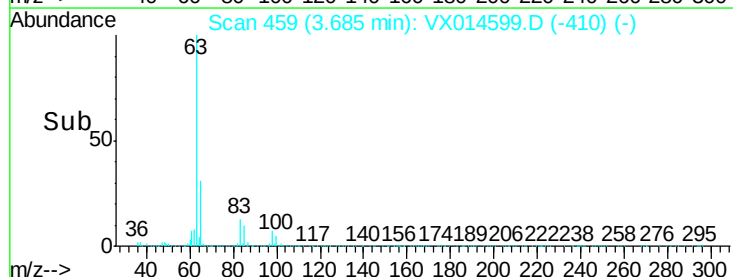
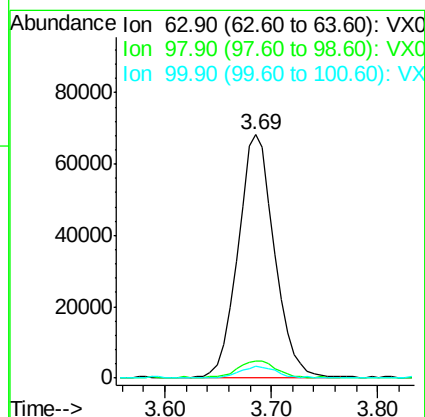
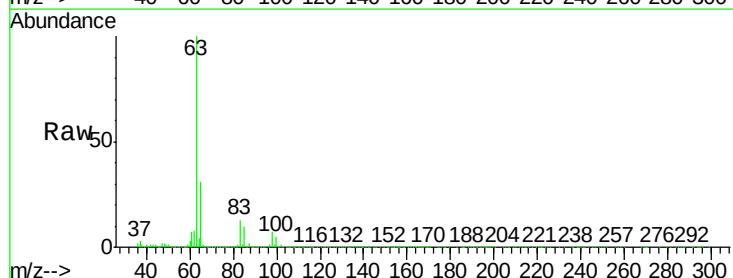
Tgt Ion: 63 Resp: 163164

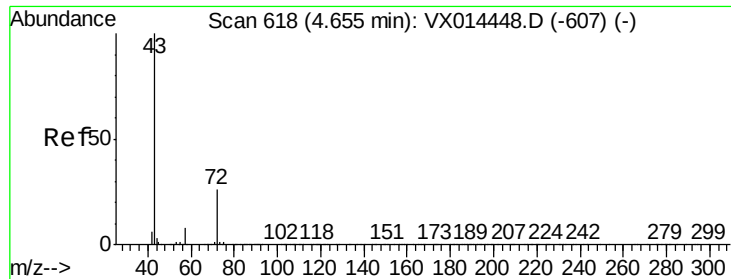
Ion Ratio Lower Upper

63 100

98 6.8 3.6 10.9

100 4.6 2.3 6.8





#25

2-Butanone

Concen: 91.831 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.00 min

Lab File: VX014599.D

Acq: 14 Jan 2020 11:46

Instrument :

MSVOA_X

ClientSampleId :

VX0114WBSD01

Tot Ion: 43 Resp: 359623

Ion Ratio Lower Upper

43 100

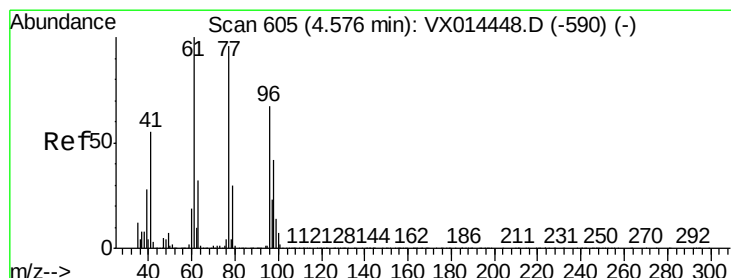
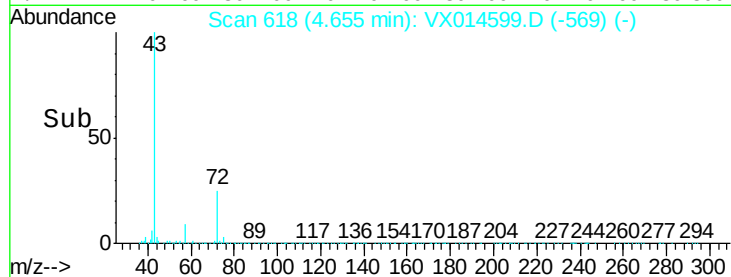
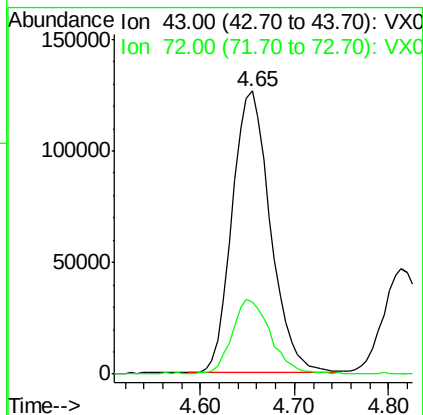
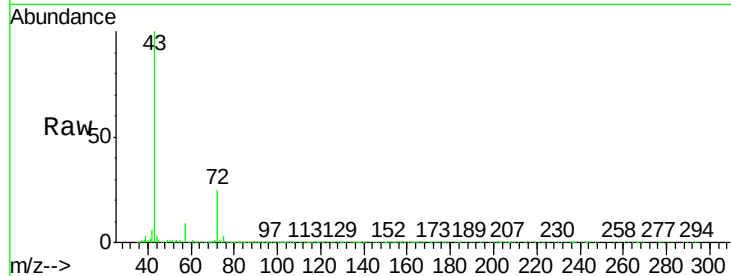
72 25.2 20.6 31.0

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 17.624 ug/l

RT: 4.58 min Scan# 605

Delta R.T. -0.00 min

Lab File: VX014599.D

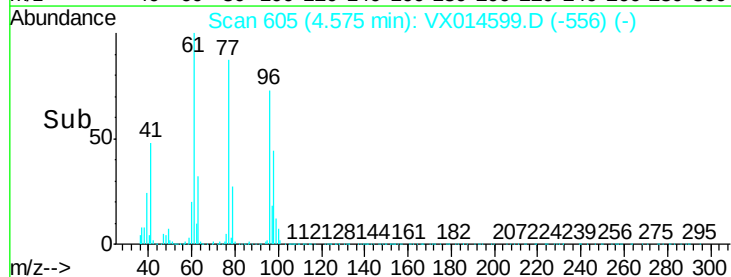
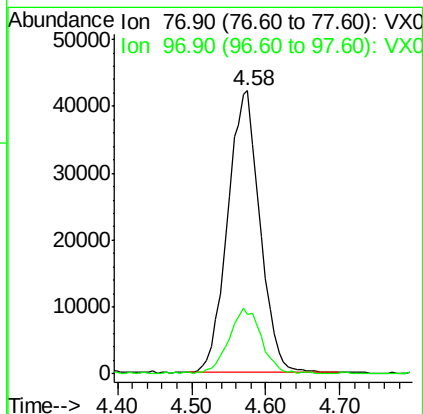
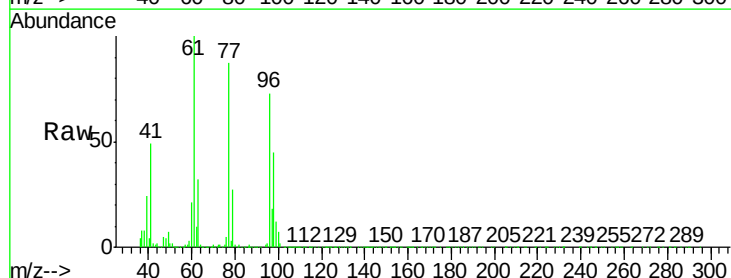
Acq: 14 Jan 2020 11:46

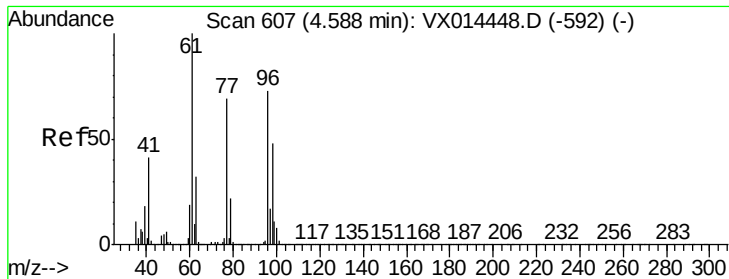
Tgt Ion: 77 Resp: 127812

Ion Ratio Lower Upper

77 100

97 22.9 11.7 35.1





#27

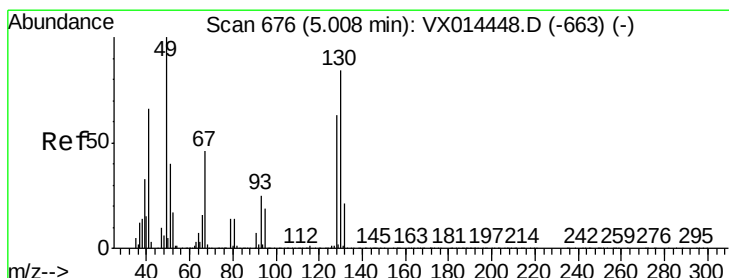
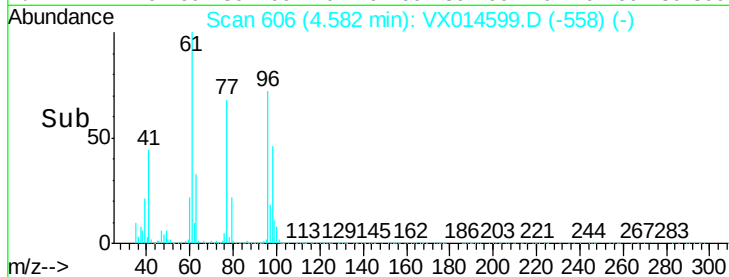
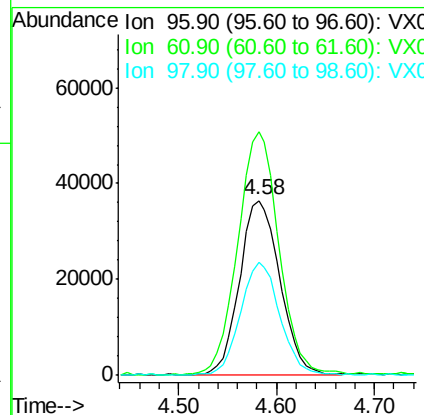
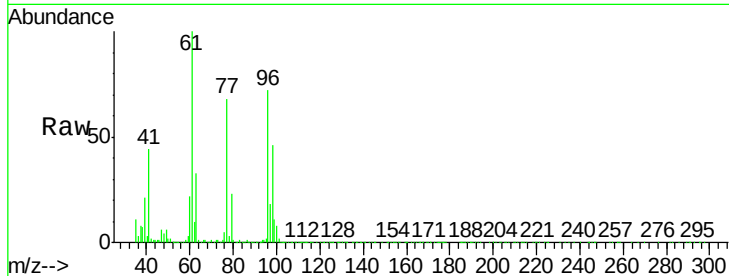
cis-1,2-Dichloroethene
Concen: 18.479 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX014599.D
Acq: 14 Jan 2020 11:46

Instrument :
MSVOA_X
ClientSampleId :
VX0114WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	104602		
61	141.7	0.0	285.4	
98	63.2	0.0	130.6	

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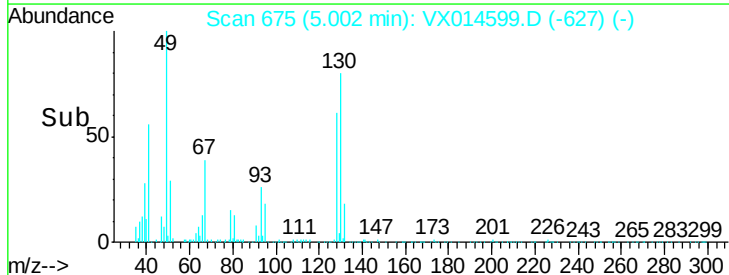
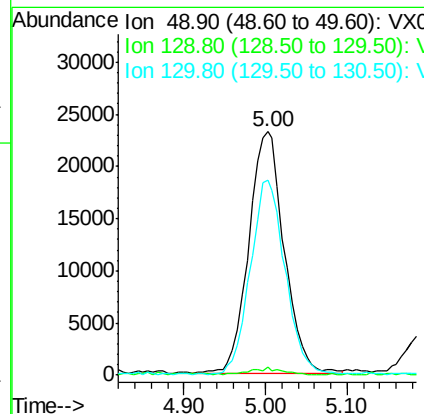
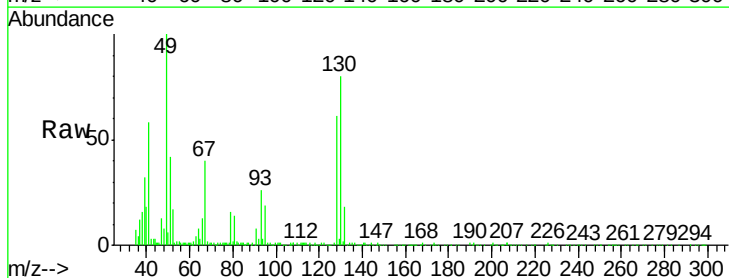
MMDadoda
1/15/2020 10:24:05 AM

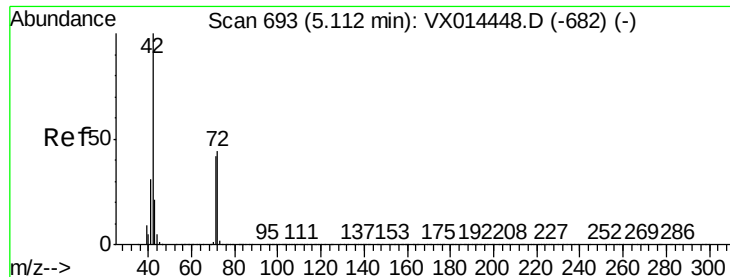


#28

Bromochloromethane
Concen: 19.365 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX014599.D
Acq: 14 Jan 2020 11:46

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	69855		
129	3.2	0.0	4.4	
130	79.6	67.0	100.4	





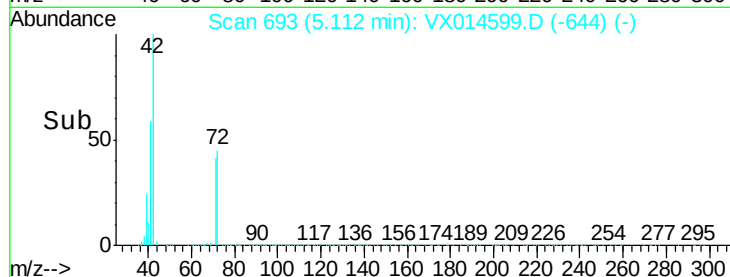
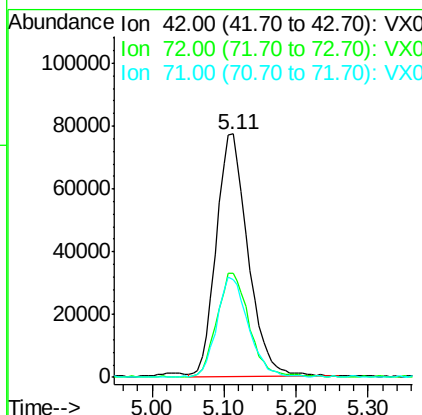
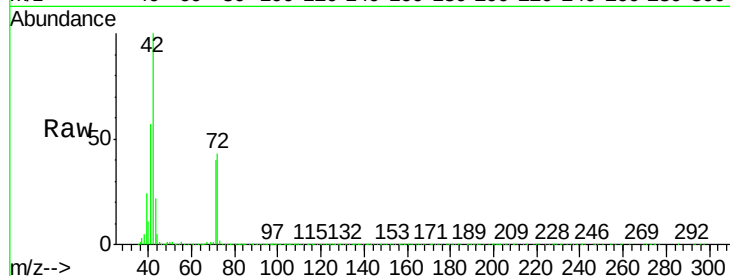
#29
Tetrahydrofuran
Concen: 102.514 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.00 min
Lab File: VX014599.D
Acq: 14 Jan 2020 11:46

Instrument :
MSVOA_X
ClientSampleId :
VX0114WBSD01

Tot Ion	Ratio	Resp Lower	Upper
42	100		
72	43.3	36.2	54.4
71	40.1	34.1	51.1

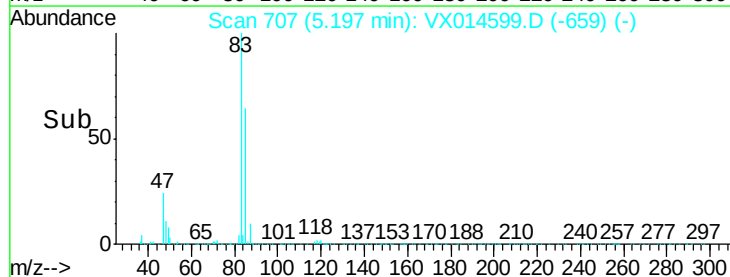
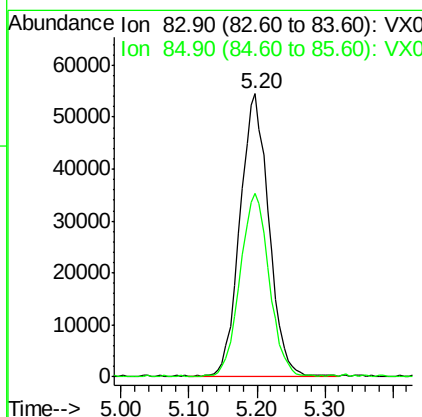
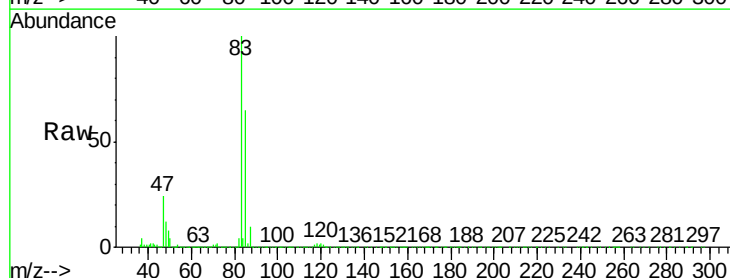
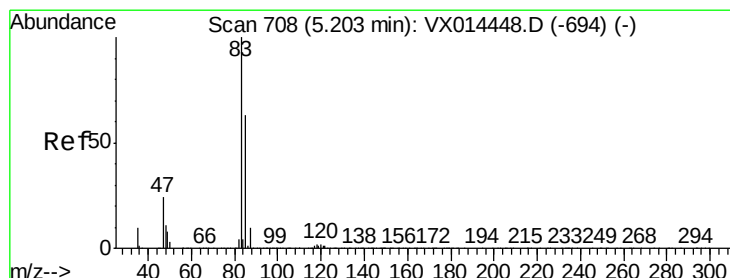
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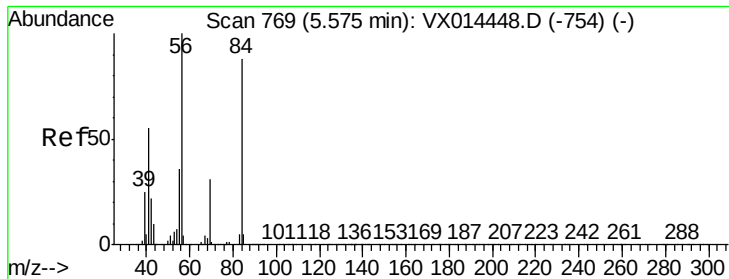
MMDadoda
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#30
Chloroform
Concen: 19.331 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX014599.D
Acq: 14 Jan 2020 11:46

Tgt Ion	Ratio	Resp Lower	Upper
83	100		
85	64.8	50.6	75.8





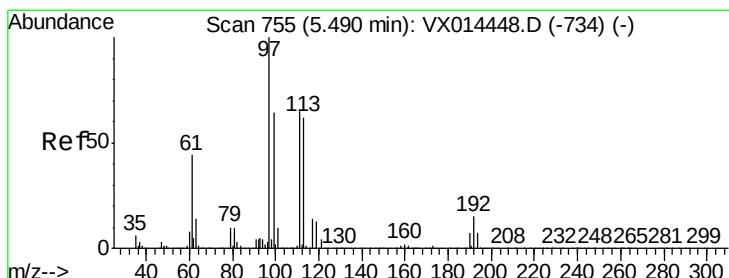
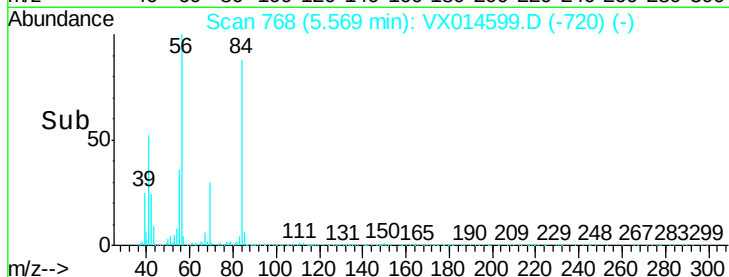
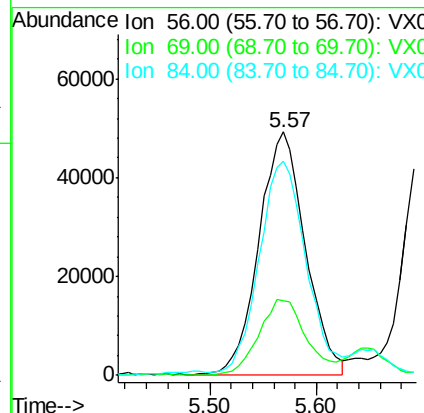
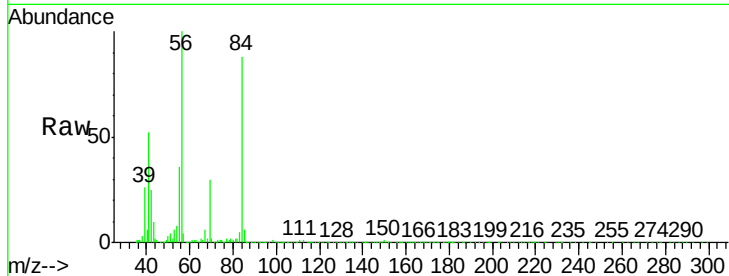
#31
Cyclohexane
Concen: 18.594 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.01 min
Lab File: VX014599.D
Acq: 14 Jan 2020 11:46

Instrument :
MSVOA_X
ClientSampleId :
VX0114WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.5	24.4	36.6
84	86.6	70.6	106.0

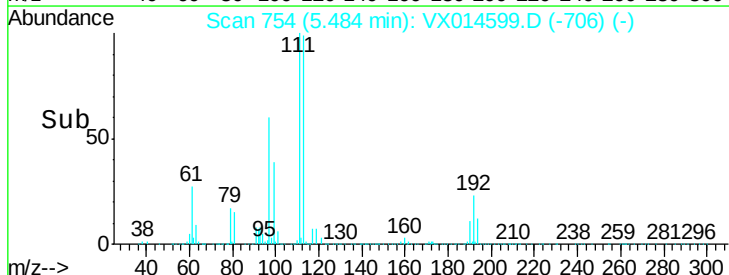
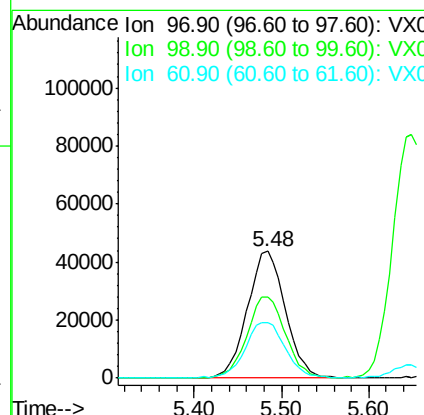
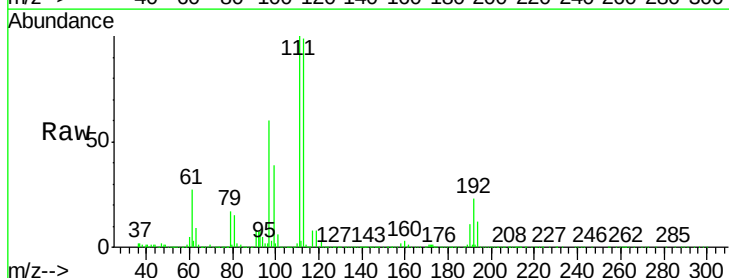
Manual Integrations
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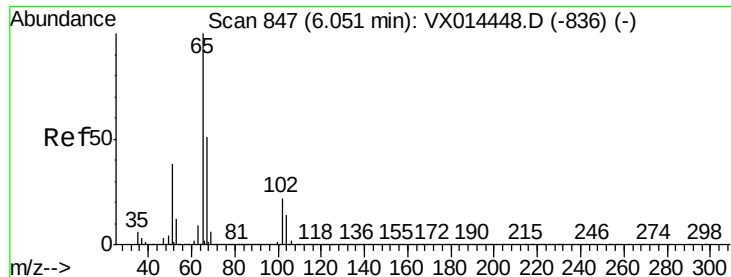
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#32
1,1,1-Trichloroethane
Concen: 18.287 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014599.D
Acq: 14 Jan 2020 11:46

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.8	77.6
61	46.2	35.9	53.9





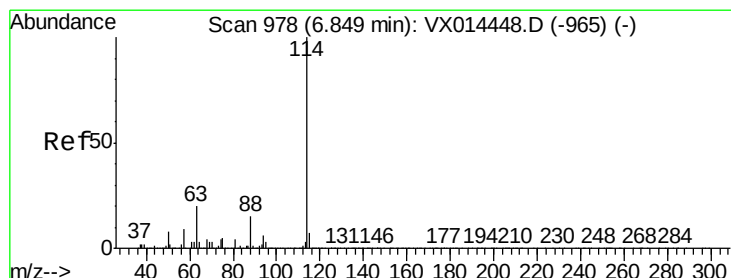
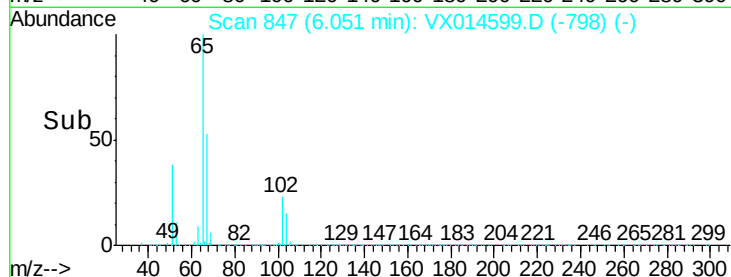
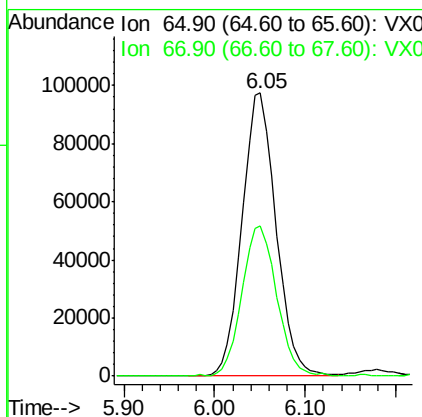
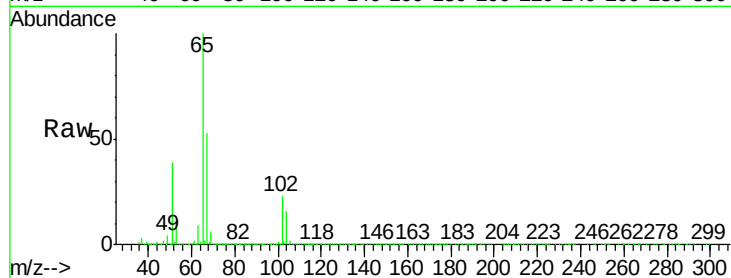
#33
 1,2-Dichloroethane-d4
 Concen: 48.094 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX014599.D
 Acq: 14 Jan 2020 11:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0114WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	252141		
67	54.1	0.0	106.2	

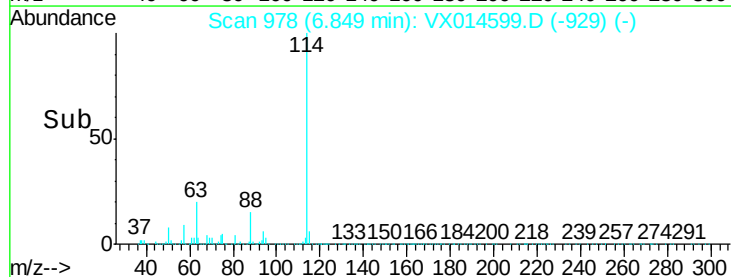
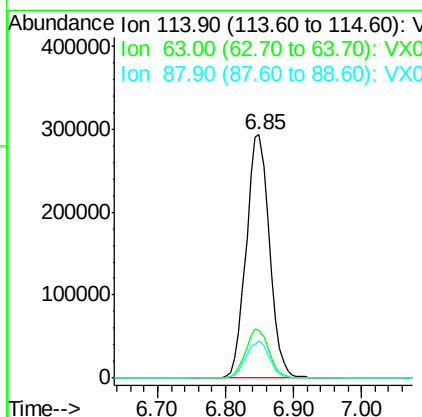
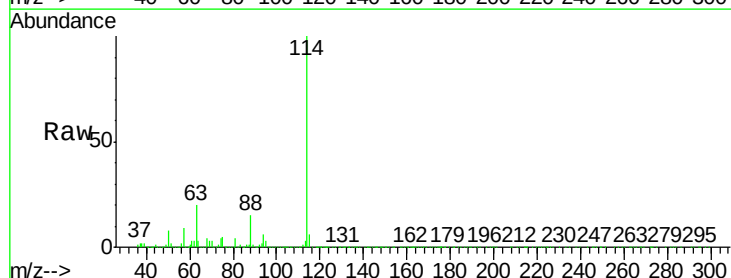
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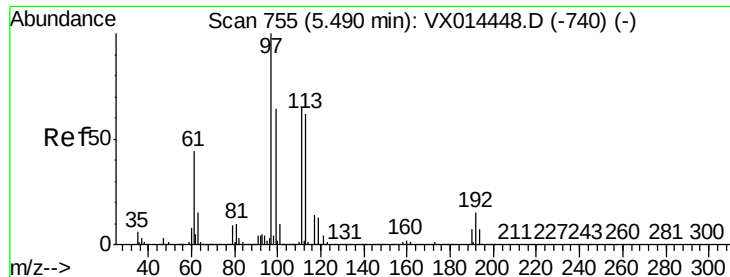
MMDadoda
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX014599.D
 Acq: 14 Jan 2020 11:46

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	699315		
63	19.8	0.0	39.6	
88	15.4	0.0	30.8	





#35

Dibromofluoromethane

Concen: 48.615 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX014599.D

Acq: 14 Jan 2020 11:46

Instrument :

MSVOA_X

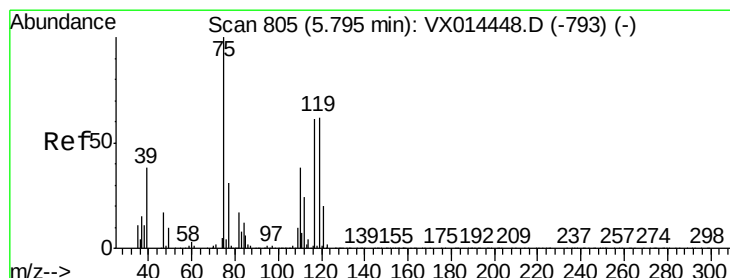
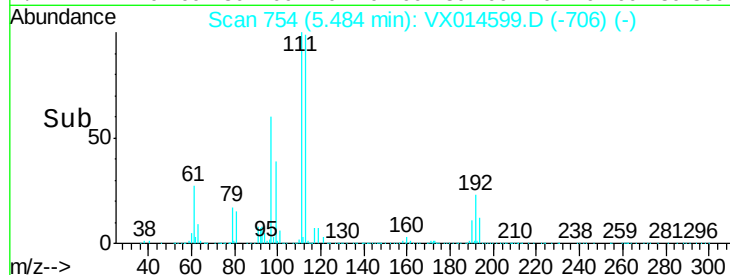
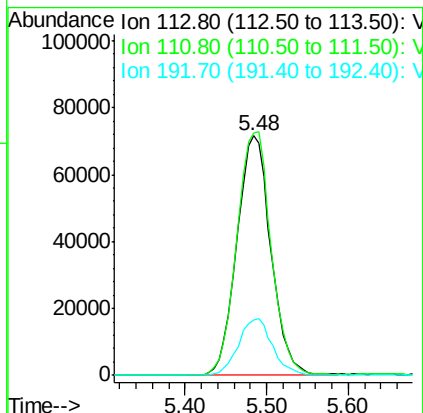
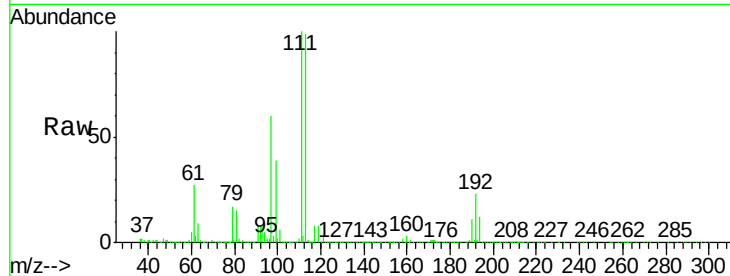
ClientSampleId :

VX0114WBSD01

Tot Ion:	113	Resp:	205801
Ion Ratio	Lower	Upper	
113	100		
111	103.7	81.5	122.3
192	23.6	19.2	28.8

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 18.221 ug/l

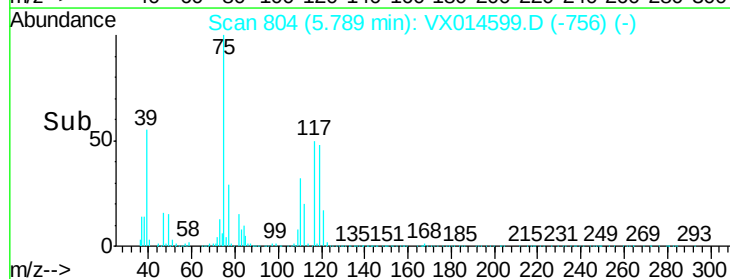
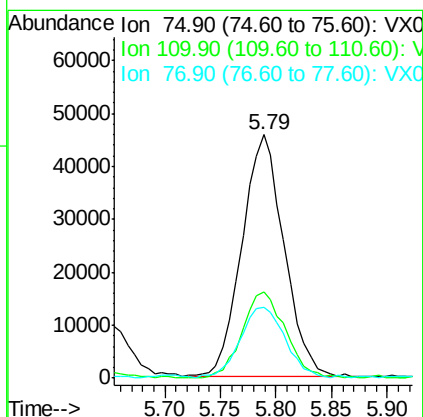
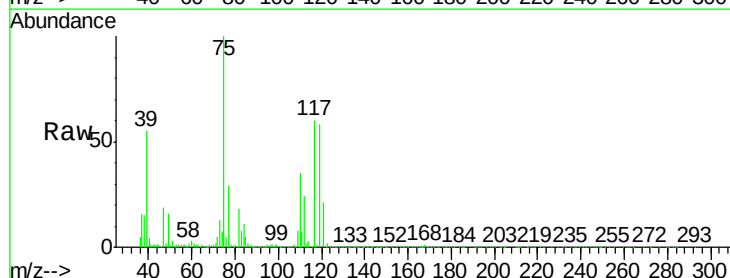
RT: 5.79 min Scan# 804

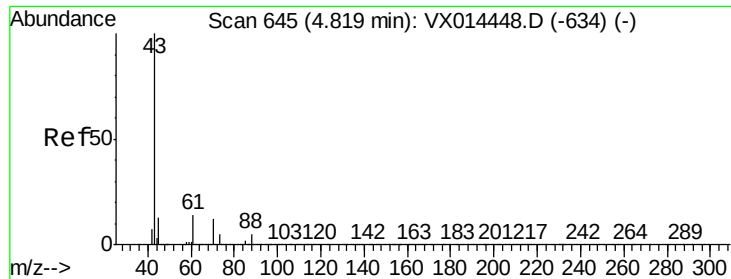
Delta R.T. -0.01 min

Lab File: VX014599.D

Acq: 14 Jan 2020 11:46

Tgt Ion:	75	Resp:	119830
Ion Ratio	Lower	Upper	
75	100		
110	36.9	18.6	55.8
77	30.7	24.5	36.7





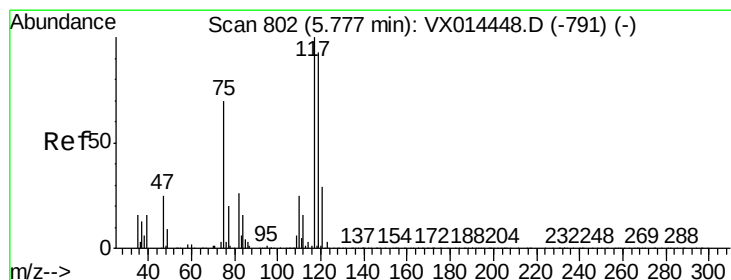
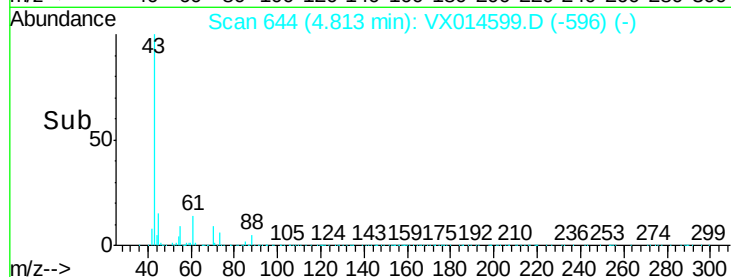
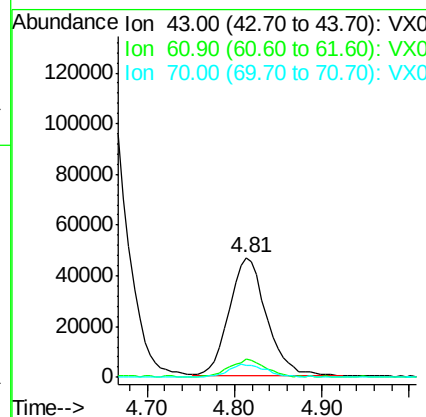
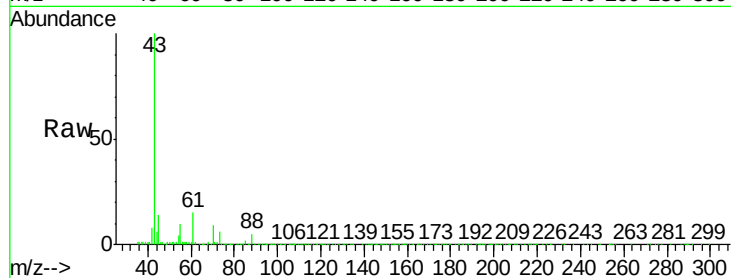
#37
Ethyl Acetate
Concen: 19.312 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014599.D
Acq: 14 Jan 2020 11:46

Instrument :
MSVOA_X
ClientSampleId :
VX0114WBSD01

Tot Ion	43	Resp	137956
Ion Ratio	Lower	Upper	
43	100		
61	14.8	11.1	16.7
70	10.3	8.9	13.3

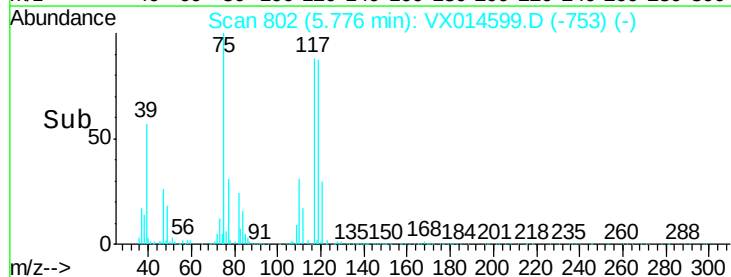
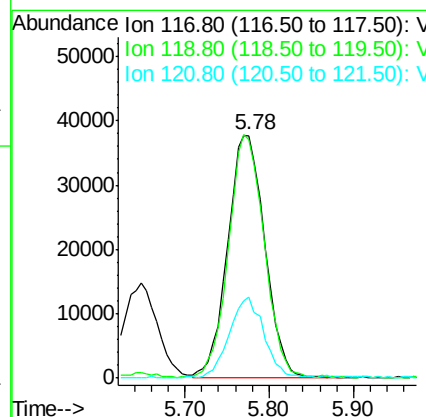
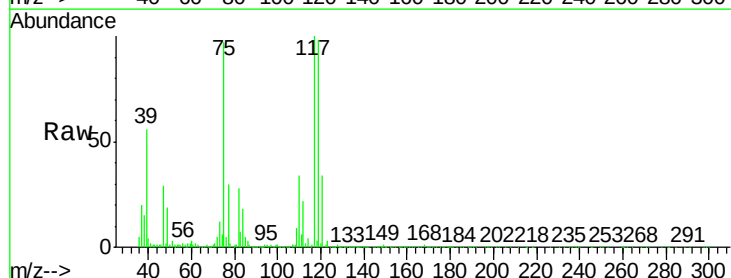
Manual Integrations
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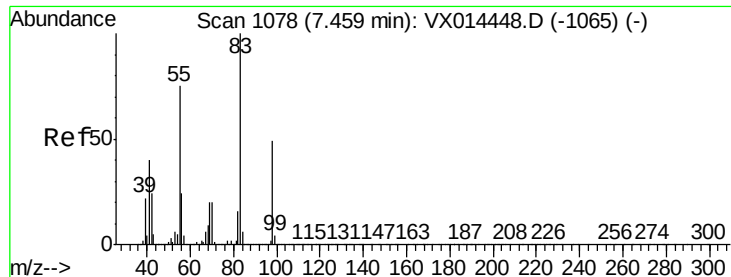
MMDadoda
1/15/2020 10:24:05 AM



#38
Carbon Tetrachloride
Concen: 18.609 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX014599.D
Acq: 14 Jan 2020 11:46

Tgt Ion	117	Resp	112621
Ion Ratio	Lower	Upper	
117	100		
119	98.0	73.8	110.8
121	33.2	23.4	35.0





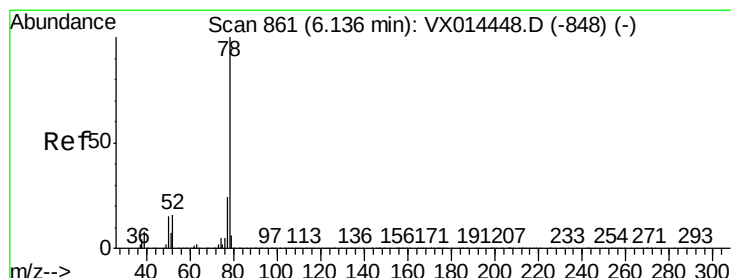
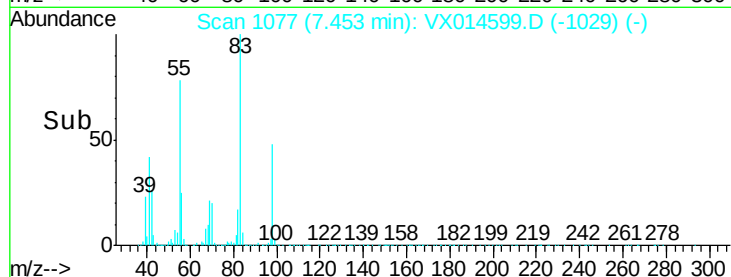
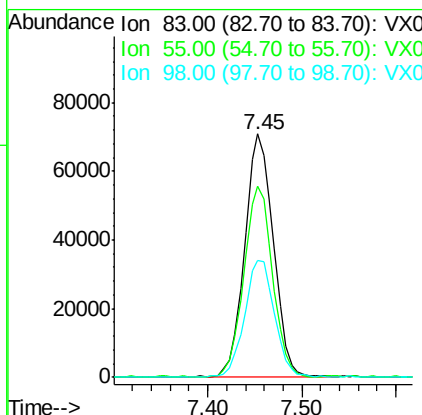
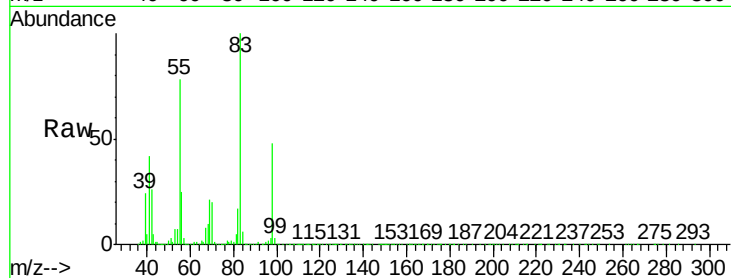
#39
Methylvlcyclohexane
Concen: 18.268 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014599.D
Acq: 14 Jan 2020 11:46

Instrument :
MSVOA_X
ClientSampleId :
VX0114WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.1	59.7	89.5
98	47.8	39.1	58.7

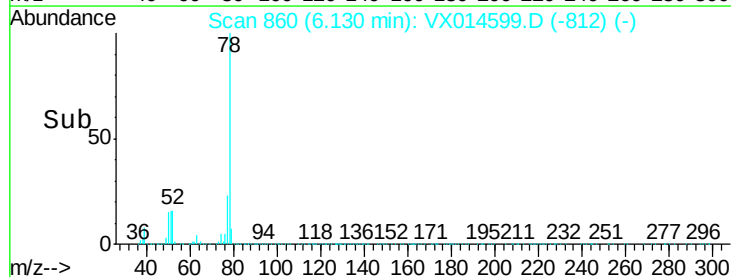
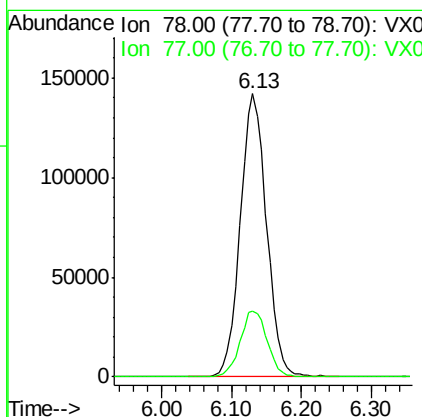
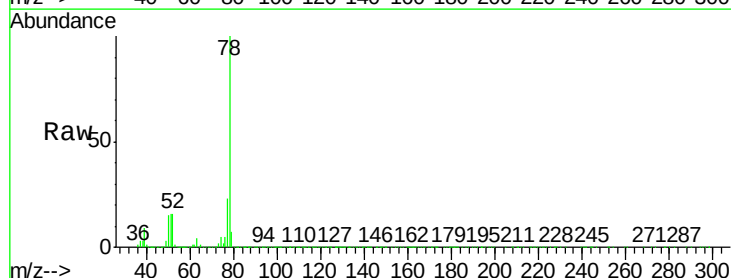
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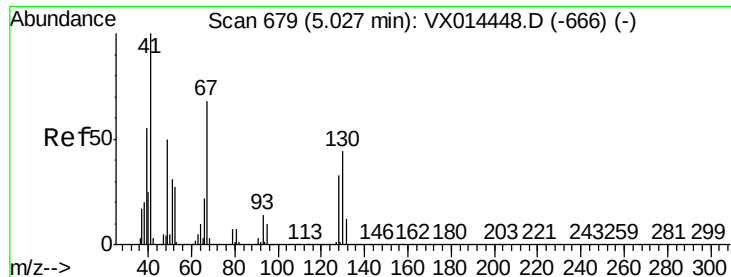
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#40
Benzene
Concen: 18.889 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014599.D
Acq: 14 Jan 2020 11:46

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	19.5	29.3





#41

Methacrylonitrile

Concen: 20.453 ug/l

RT: 5.02 min Scan# 678

Delta R.T. -0.01 min

Lab File: VX014599.D

Acq: 14 Jan 2020 11:46

Instrument :

MSVOA_X

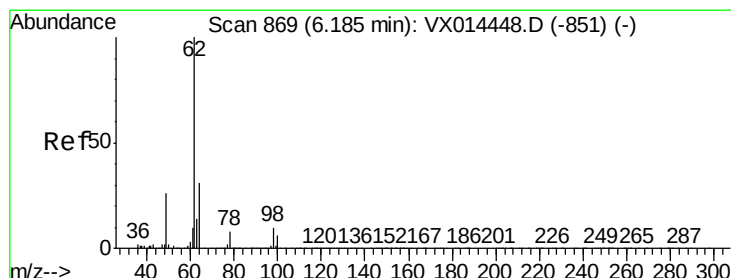
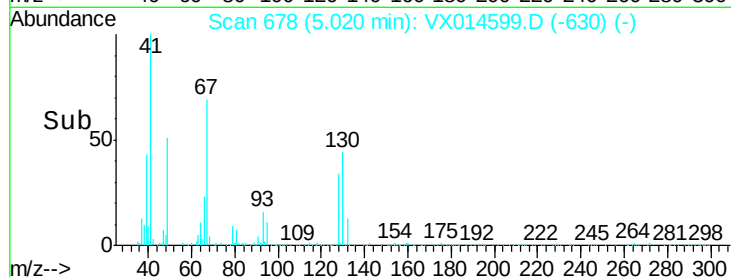
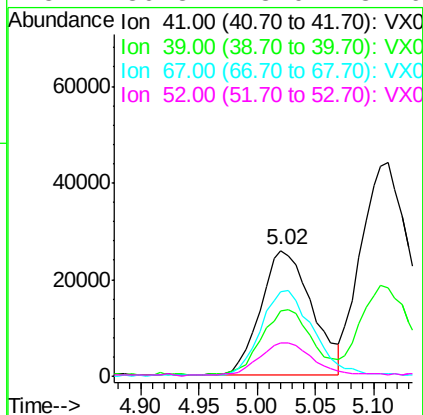
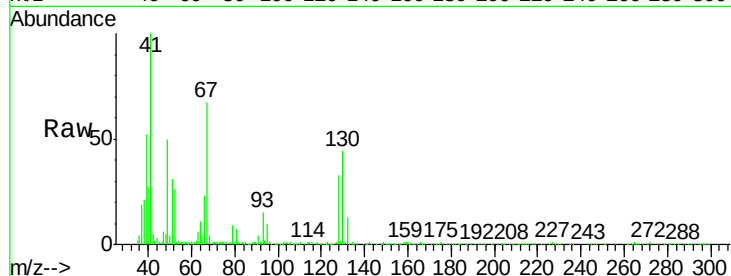
ClientSampleId :

VX0114WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.0	43.6	65.4	
67	69.7	57.9	86.9	
52	30.3	23.0	34.6	

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#42

1,2-Dichloroethane

Concen: 19.144 ug/l

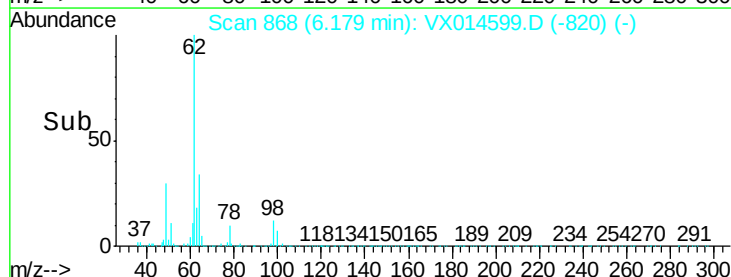
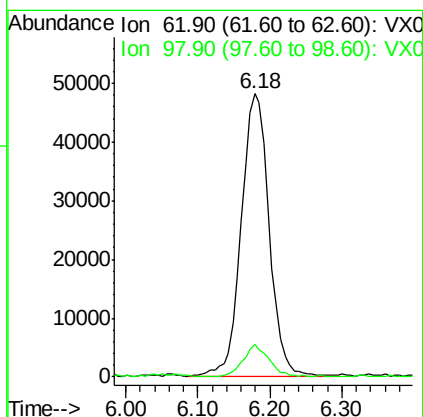
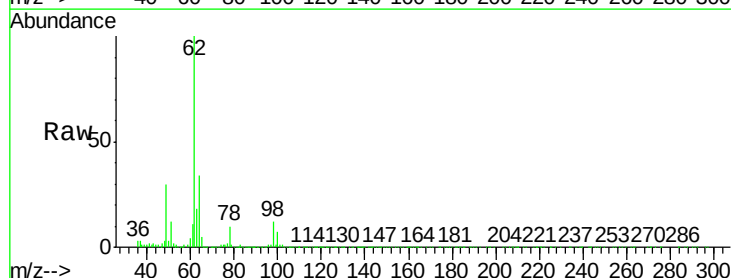
RT: 6.18 min Scan# 868

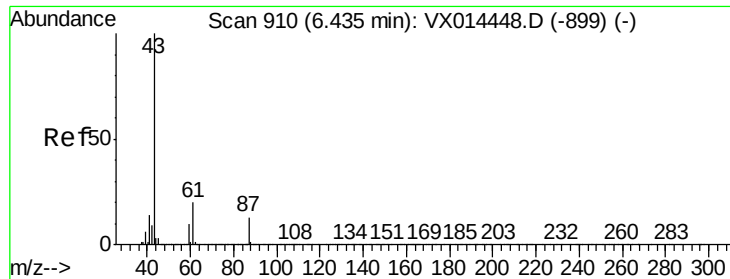
Delta R.T. -0.01 min

Lab File: VX014599.D

Acq: 14 Jan 2020 11:46

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.2	0.0	20.4	





#43

Isopropyl Acetate

Concen: 19.422 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX014599.D

Acq: 14 Jan 2020 11:46

Instrument :

MSVOA_X

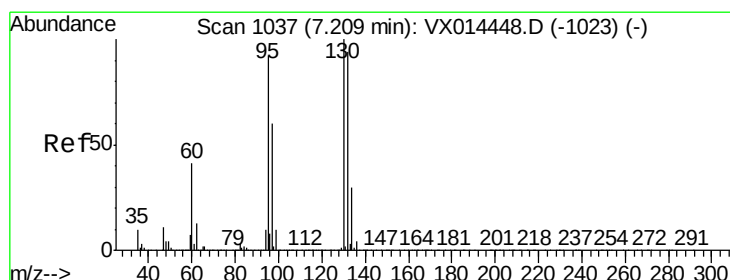
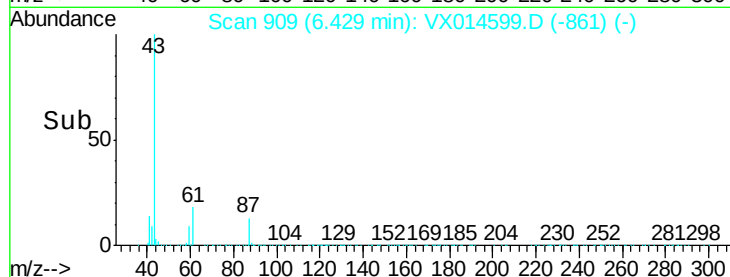
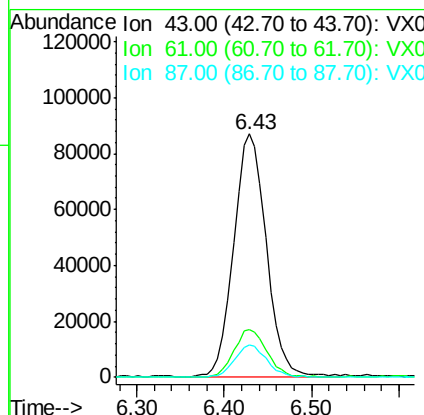
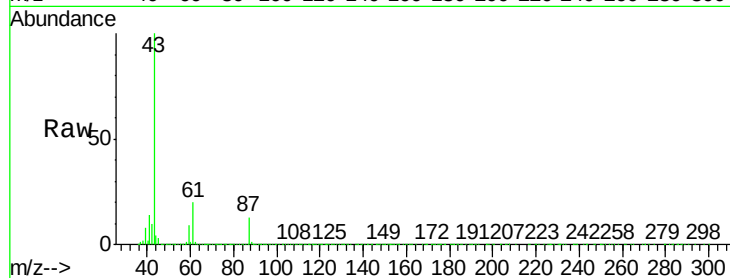
ClientSampleId :

VX0114WBSD01

Tot Ion:	43	Resp:	224120
Ion	Ratio	Lower	Upper
43	100		
61	19.6	16.6	24.8
87	13.3	10.8	16.2

Manual Integrations
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#44

Trichloroethene

Concen: 18.448 ug/l

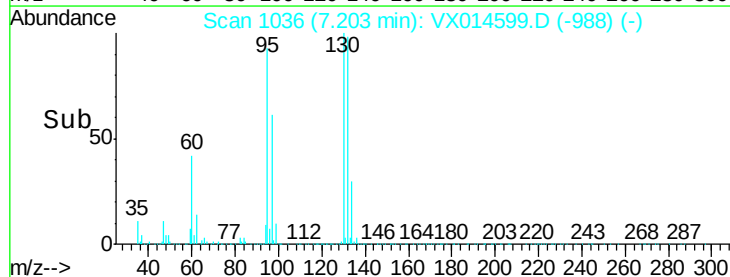
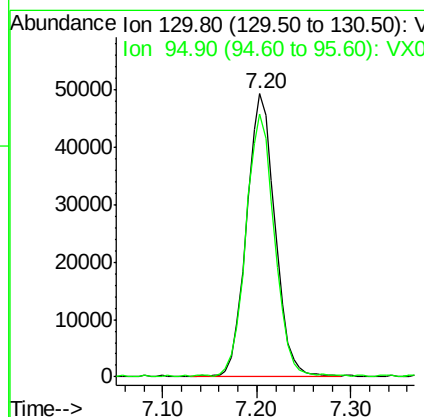
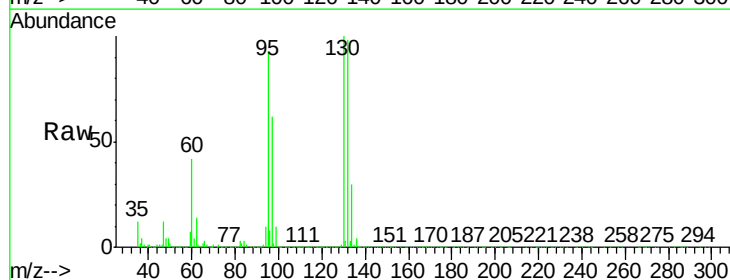
RT: 7.20 min Scan# 1036

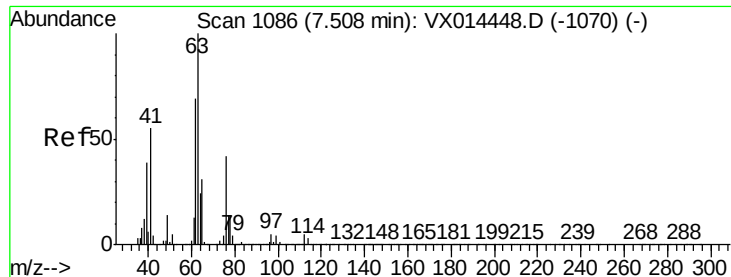
Delta R.T. -0.01 min

Lab File: VX014599.D

Acq: 14 Jan 2020 11:46

Tgt Ion:	130	Resp:	103481
Ion	Ratio	Lower	Upper
130	100		
95	92.7	0.0	184.2





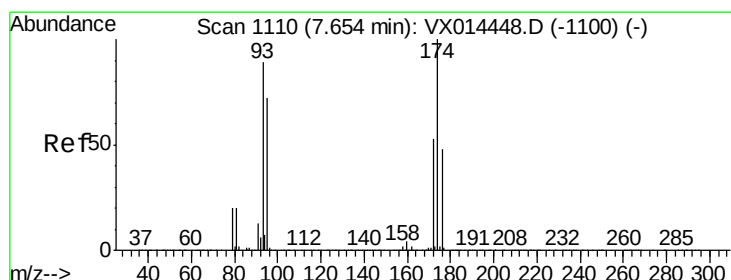
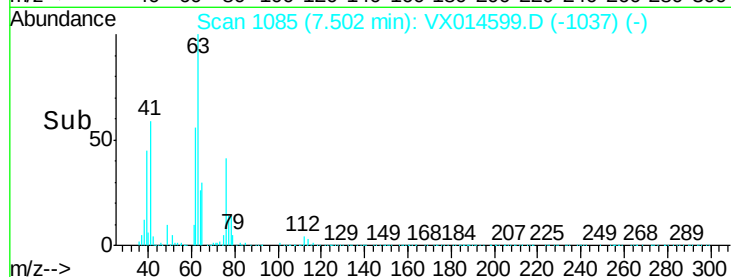
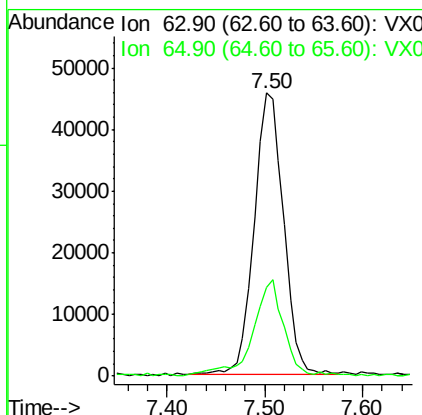
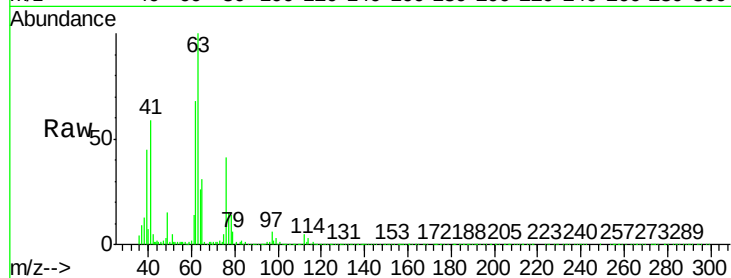
#45
 1,2-Dichloropropane
 Concen: 19.211 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX014599.D
 Acq: 14 Jan 2020 11:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0114WBSD01

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.9	24.8	37.2

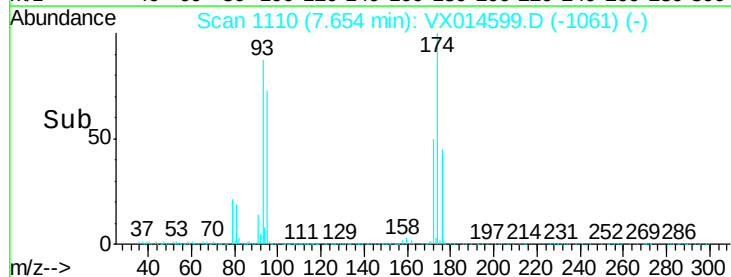
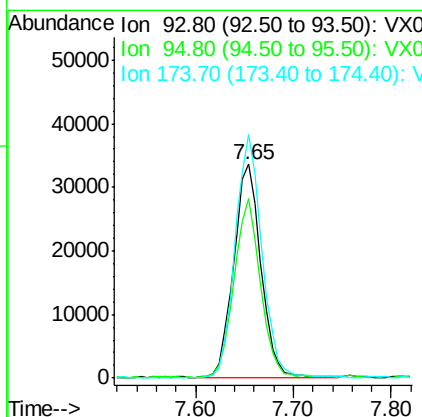
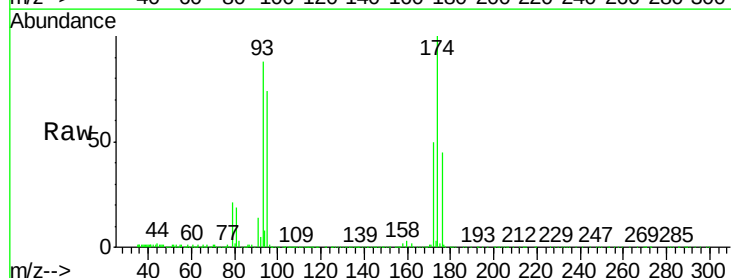
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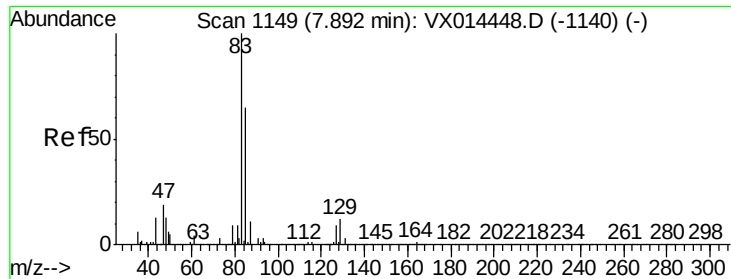
MMDadoda
 1/15/2020 10:24:05 AM



#46
 Dibromomethane
 Concen: 18.927 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX014599.D
 Acq: 14 Jan 2020 11:46

Tgt Ion	Ratio	Lower	Upper
93	100		
95	79.7	65.4	98.2
174	109.5	93.0	139.4





#47

Bromodichloromethane

Concen: 19.189 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014599.D

Acq: 14 Jan 2020 11:46

Instrument :

MSVOA_X

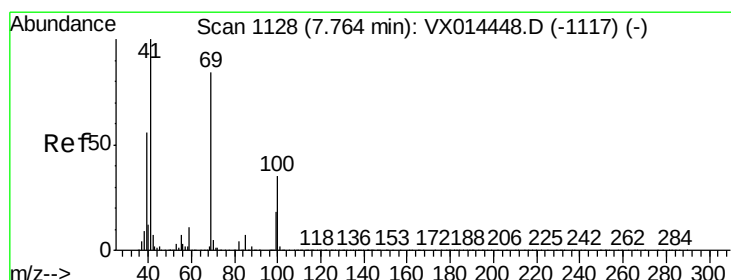
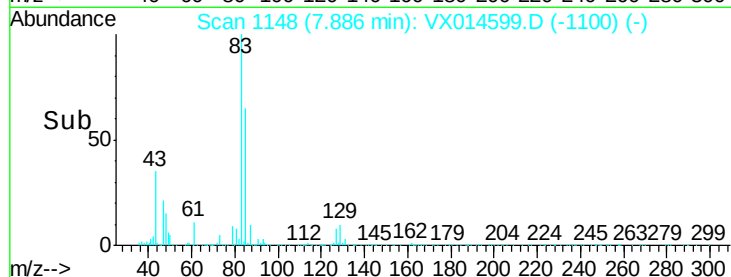
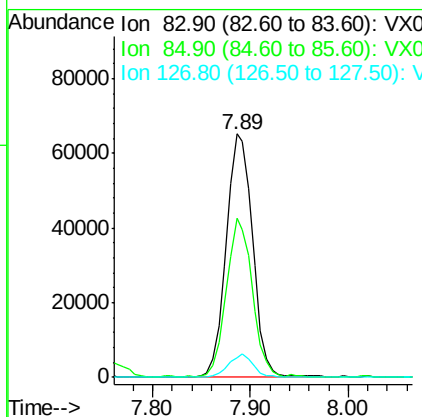
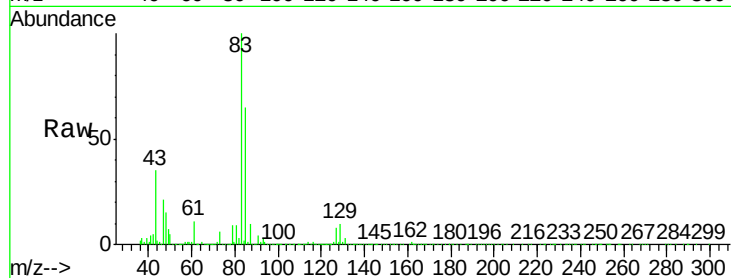
ClientSampleId :

VX0114WBSD01

Tot Ion:	83	Resp:	121271
Ion Ratio	Lower	Upper	
83	100		
85	65.0	51.7	77.5
127	8.1	7.1	10.7

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#48

Methyl methacrylate

Concen: 19.601 ug/l

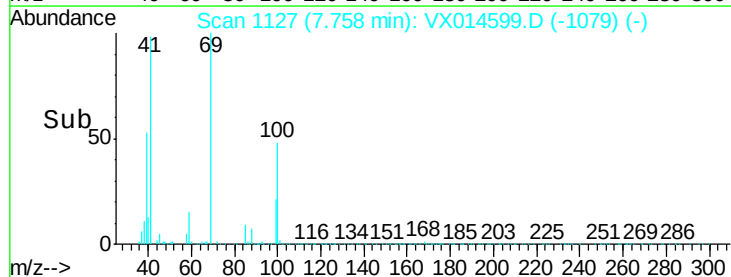
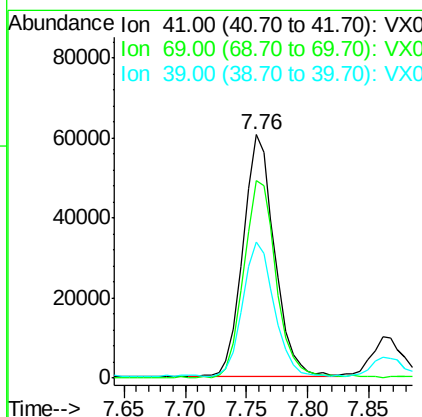
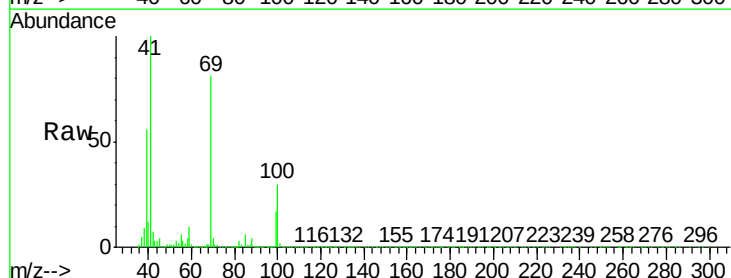
RT: 7.76 min Scan# 1127

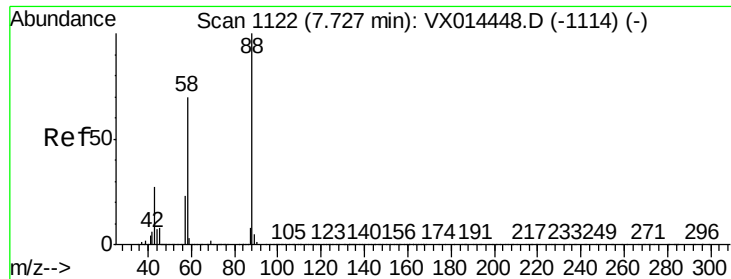
Delta R.T. -0.01 min

Lab File: VX014599.D

Acq: 14 Jan 2020 11:46

Tgt Ion:	41	Resp:	108331
Ion Ratio	Lower	Upper	
41	100		
69	83.3	65.5	98.3
39	55.7	43.9	65.9





#49

1,4-Dioxane

Concen: 405.249 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.00 min

Lab File: VX014599.D

Acq: 14 Jan 2020 11:46

Instrument :

MSVOA_X

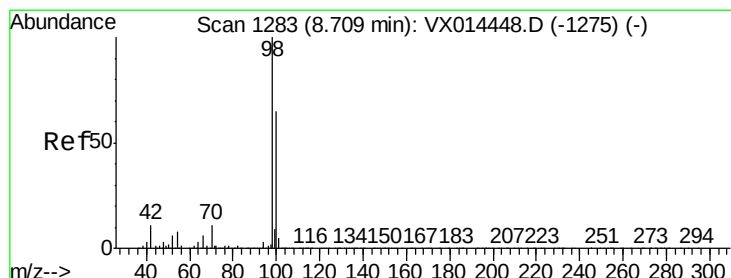
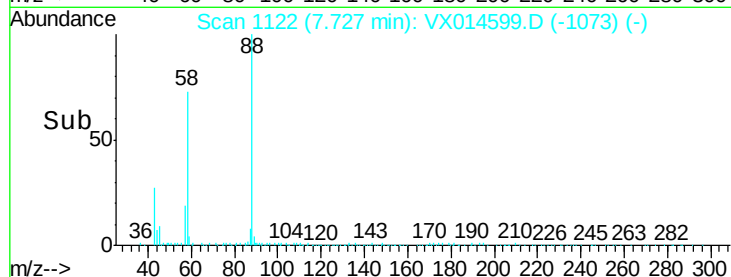
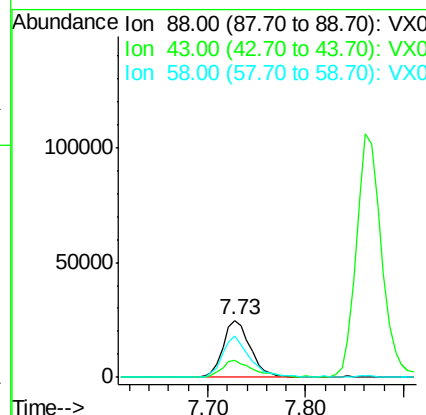
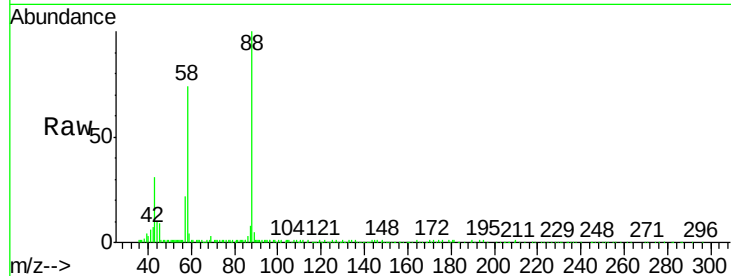
ClientSampleId :

VX0114WBSD01

Tot Ion:	88	Resp:	47458
Ion	Ratio	Lower	Upper
88	100		
43	32.8	27.4	41.0
58	70.3	57.1	85.7

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#50

Toluene-d8

Concen: 48.658 ug/l

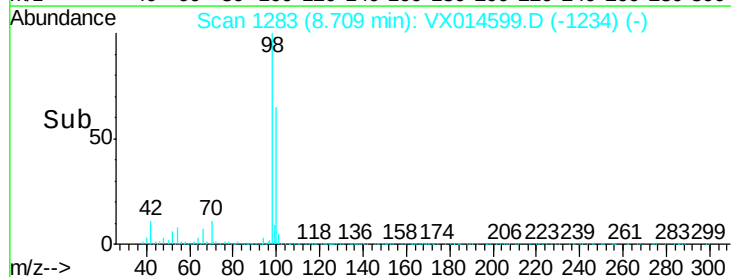
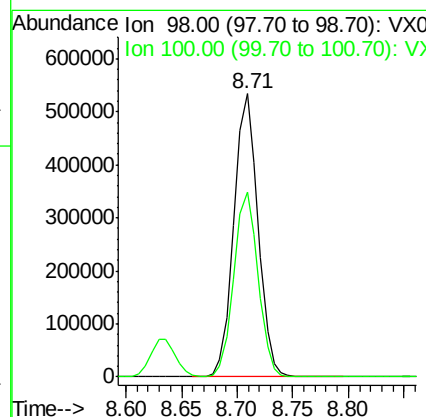
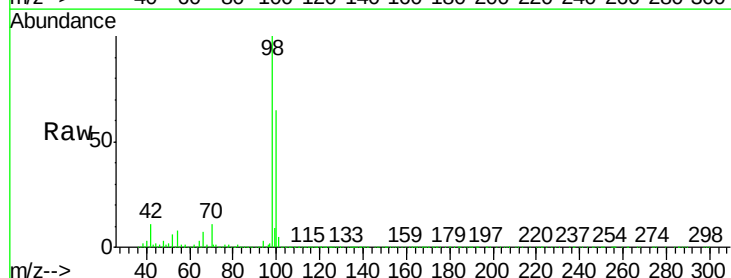
RT: 8.71 min Scan# 1283

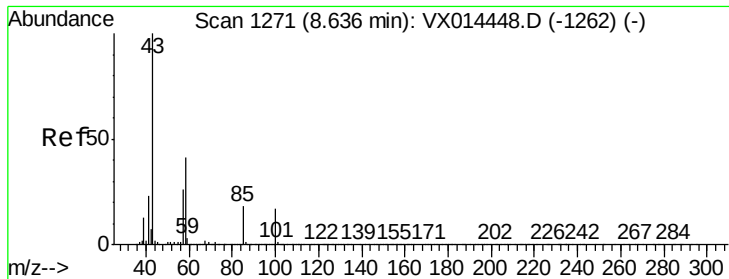
Delta R.T. -0.00 min

Lab File: VX014599.D

Acq: 14 Jan 2020 11:46

Tgt Ion:	98	Resp:	799354
Ion	Ratio	Lower	Upper
98	100		
100	65.8	53.2	79.8





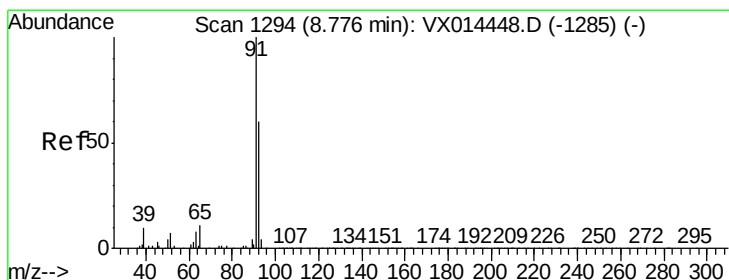
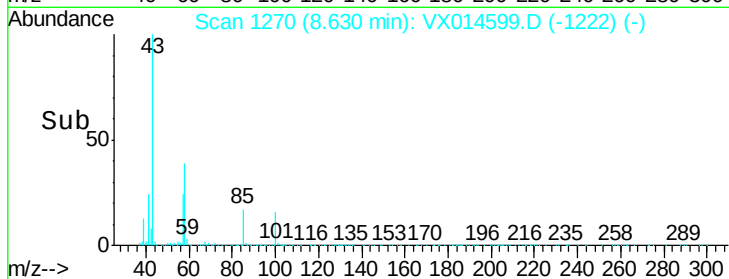
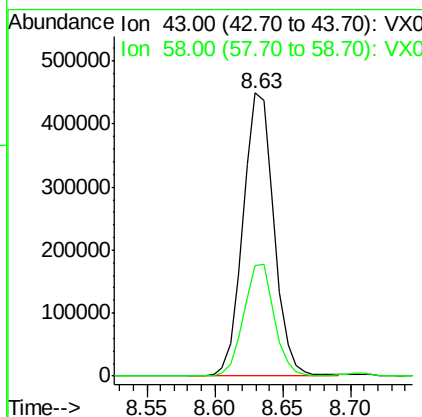
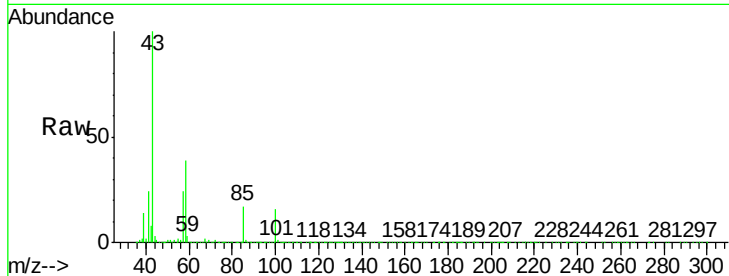
#51
4-Methyl-2-Pentanone
Concen: 101.501 ug/l
RT: 8.63 min Scan# 1270
Delta R.T. -0.01 min
Lab File: VX014599.D
Acq: 14 Jan 2020 11:46

Instrument :
MSVOA_X
ClientSampleId :
VX0114WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	39.2	32.4	48.6

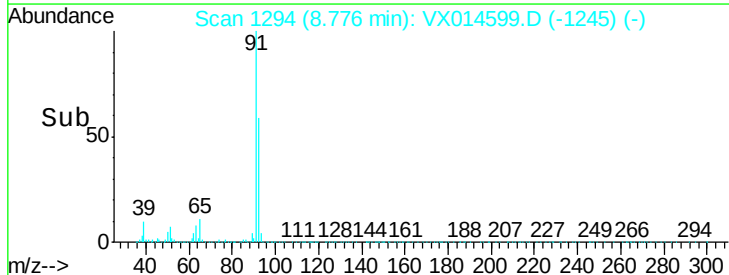
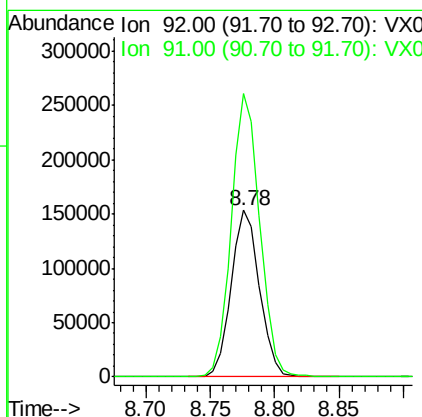
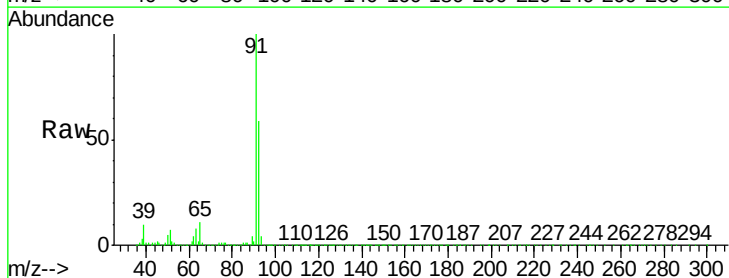
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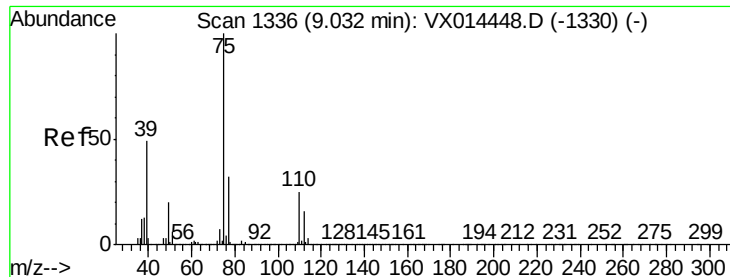
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#52
Toluene
Concen: 18.880 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX014599.D
Acq: 14 Jan 2020 11:46

Tgt Ion	Ratio	Lower	Upper
92	100		
91	169.9	135.7	203.5





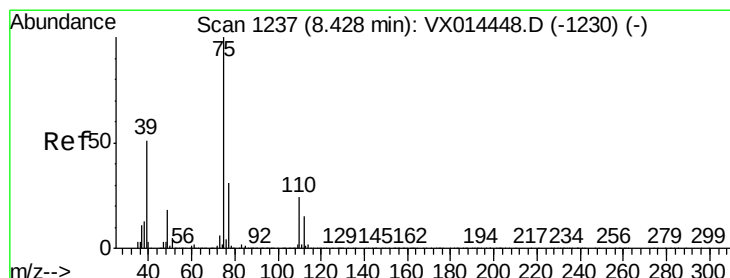
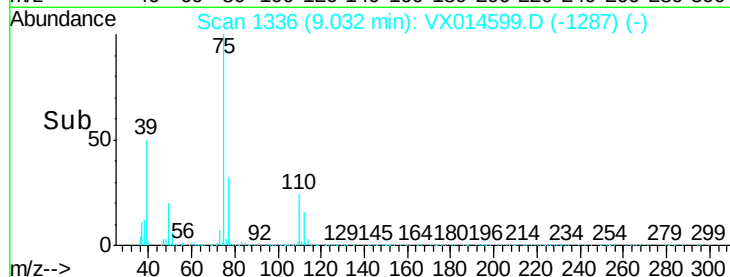
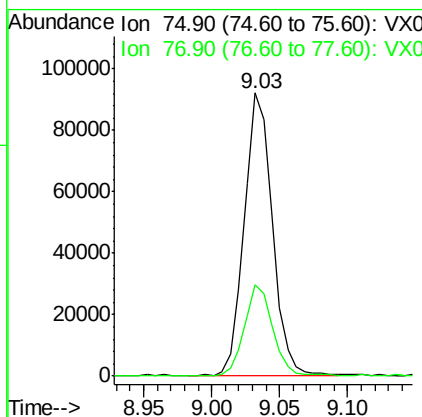
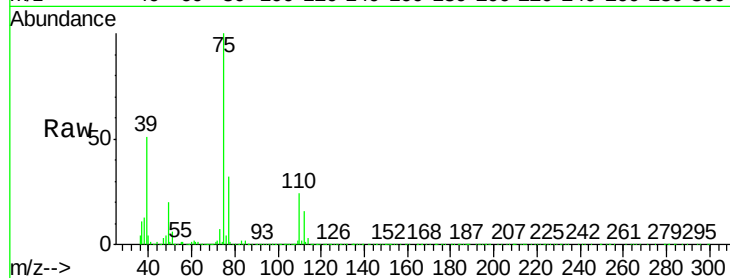
#53
t-1,3-Dichloropropene
Concen: 18.059 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.00 min
Lab File: VX014599.D
Acq: 14 Jan 2020 11:46

Instrument :
MSVOA_X
ClientSampled :
VX0114WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.3	25.4	38.2

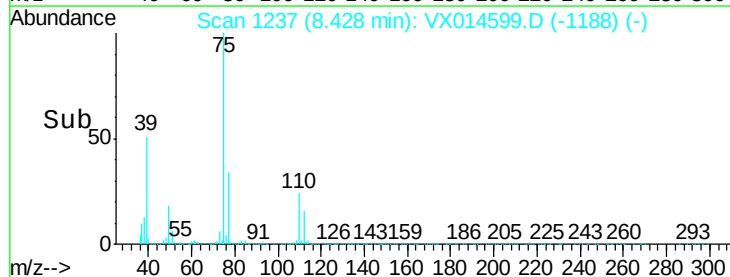
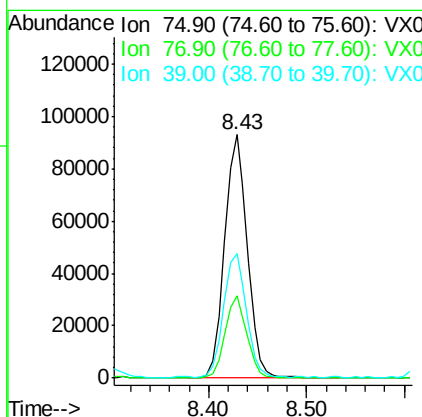
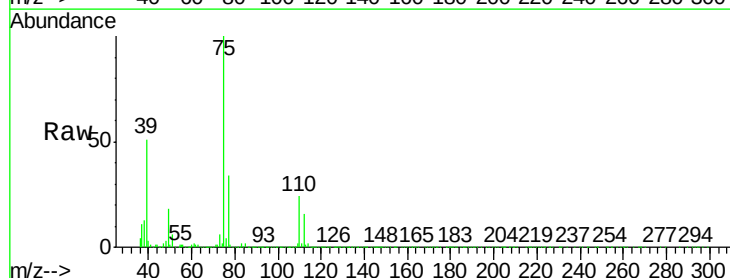
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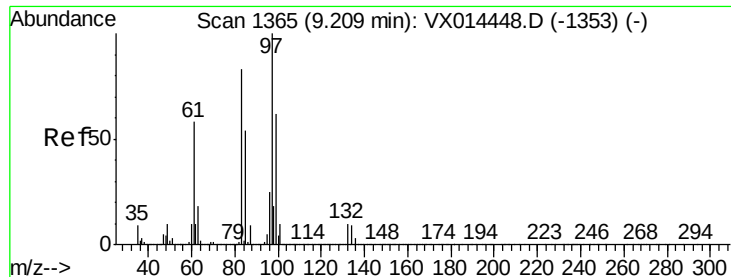
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#54
cis-1,3-Dichloropropene
Concen: 18.737 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX014599.D
Acq: 14 Jan 2020 11:46

Tgt Ion	Ratio	Lower	Upper
75	100		
77	33.7	25.0	37.4
39	50.8	40.7	61.1





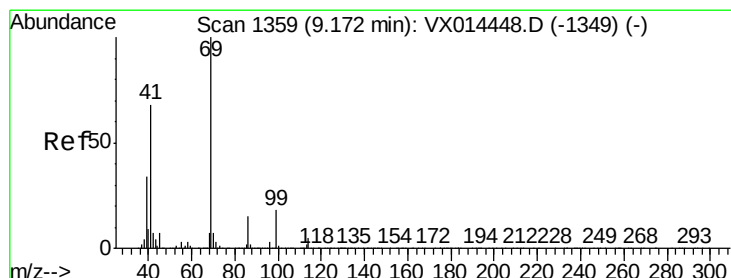
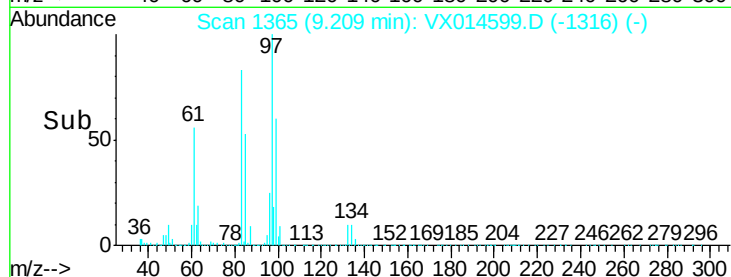
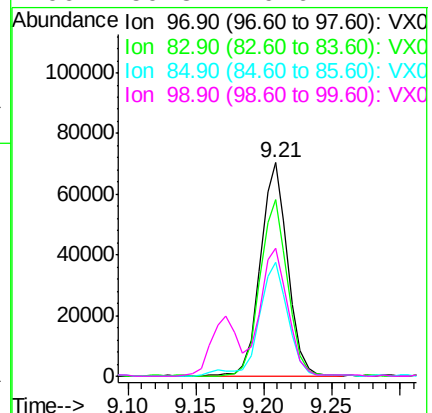
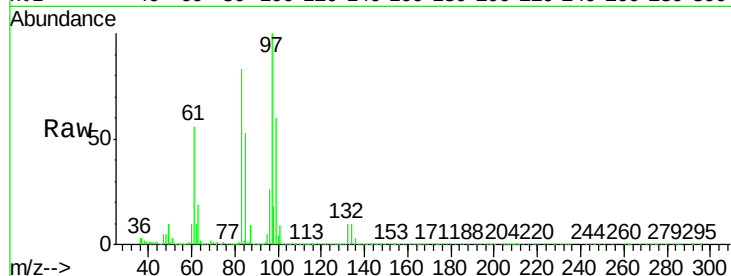
#55
 1,1,2-Trichloroethane
 Concen: 19.650 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX014599.D
 Acq: 14 Jan 2020 11:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0114WBSD01

Tot Ion	Ion	Ratio	Resp: Lower	Upper
97	100			
83	82.8	66.4	99.6	
85	53.0	43.4	65.2	
99	59.8	49.6	74.4	

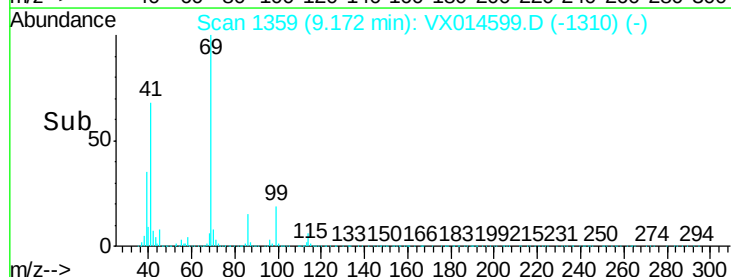
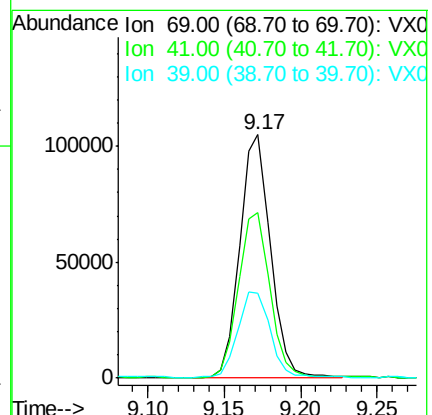
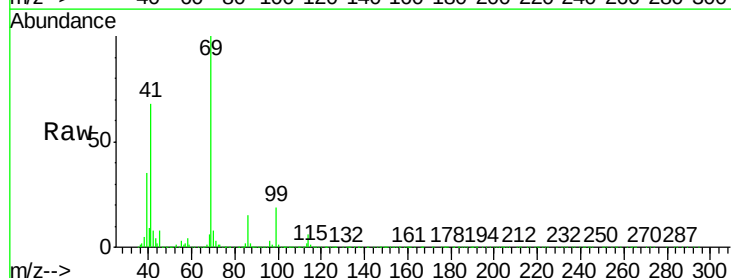
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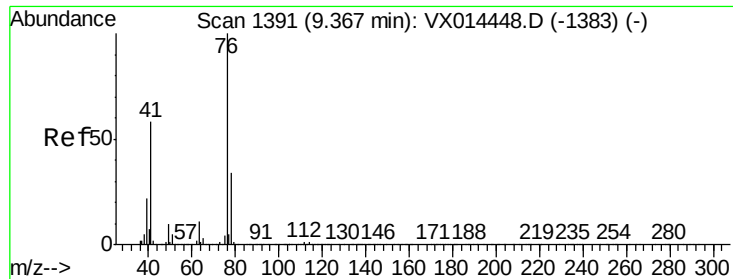
MMDadoda
 1/15/2020 10:24:05 AM



#56
 Ethyl methacrylate
 Concen: 18.912 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX014599.D
 Acq: 14 Jan 2020 11:46

Tgt Ion	Ion	Ratio	Resp: Lower	Upper
69	100			
41	71.5	54.2	81.2	
39	37.3	28.2	42.2	





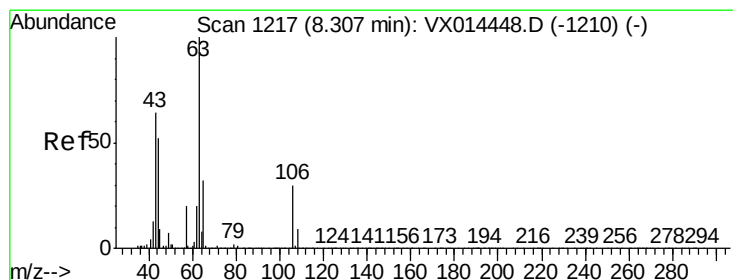
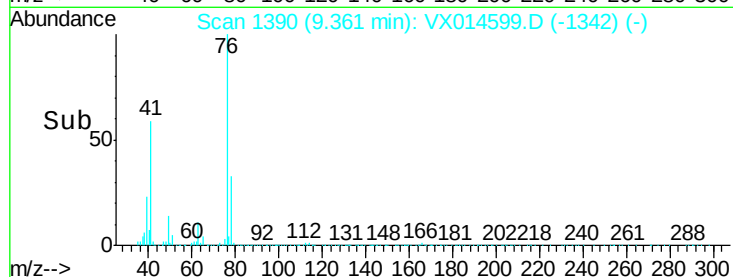
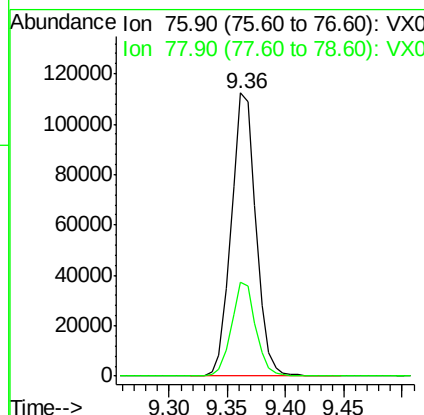
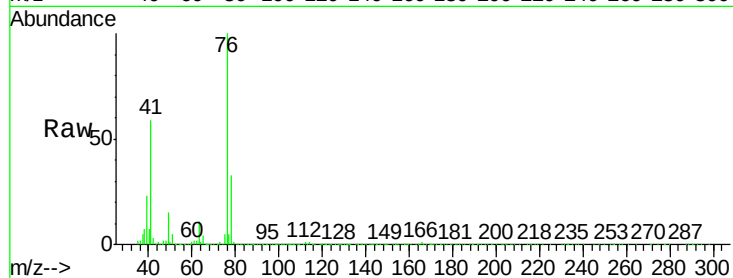
#57
 1,3-Dichloropropane
 Concen: 19.808 ug/l
 RT: 9.36 min Scan# 1390
 Delta R.T. -0.01 min
 Lab File: VX014599.D
 Acq: 14 Jan 2020 11:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0114WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.3	26.4	39.6

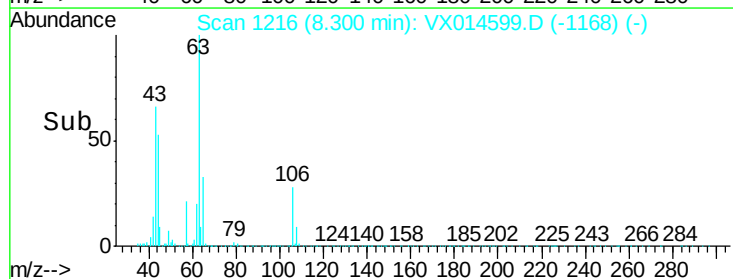
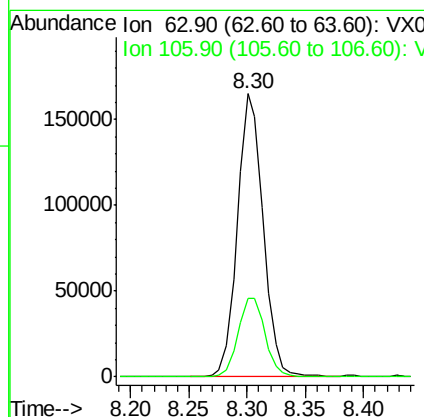
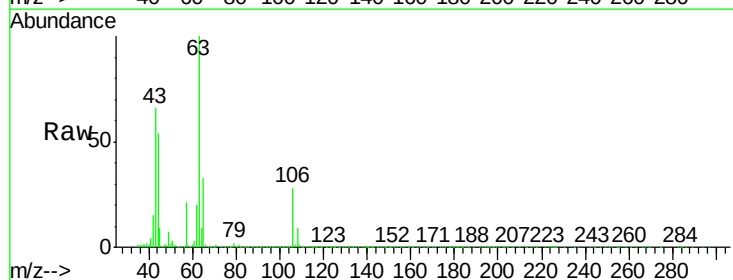
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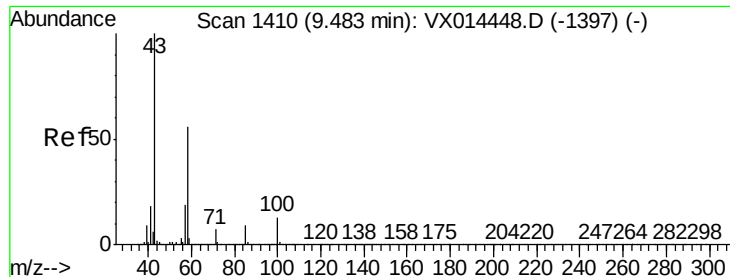
MMDadoda
 1/15/2020 10:24:05 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 97.043 ug/l
 RT: 8.30 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: VX014599.D
 Acq: 14 Jan 2020 11:46

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.5	23.6	35.4





#59

2-Hexanone

Concen: 96.740 ug/l

RT: 9.48 min Scan# 1410

Delta R.T. -0.00 min

Lab File: VX014599.D

Acq: 14 Jan 2020 11:46

Instrument :

MSVOA_X

ClientSampleId :

VX0114WBSD01

Tot Ion: 43 Resp: 538254

Ion Ratio Lower Upper

43 100

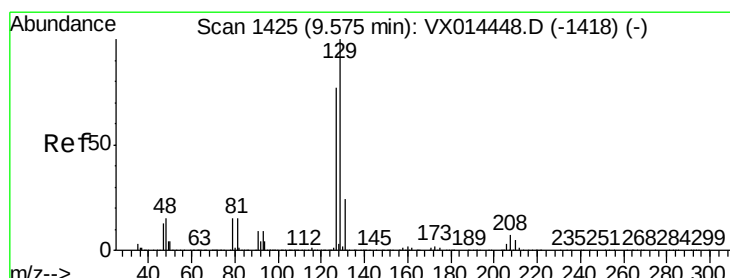
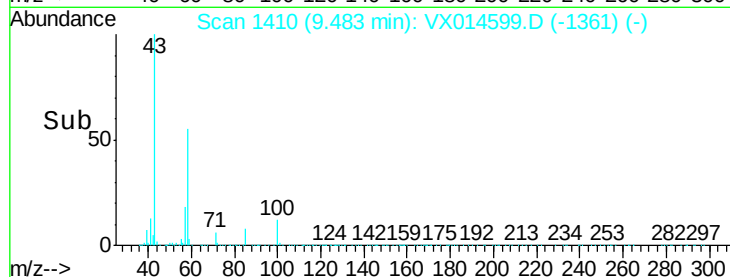
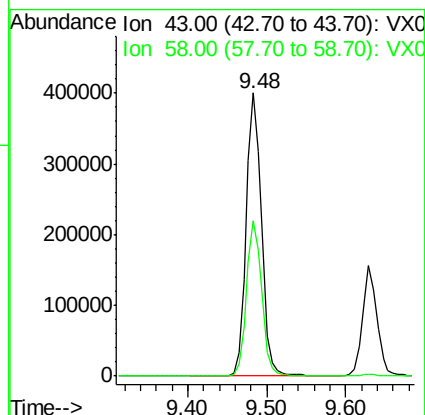
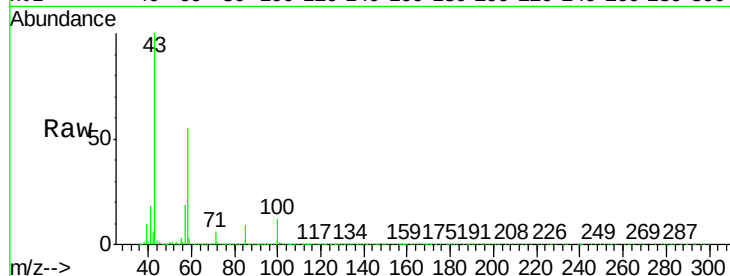
58 54.5 27.9 83.7

Manual Integrations

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#60

Dibromochloromethane

Concen: 19.175 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. -0.00 min

Lab File: VX014599.D

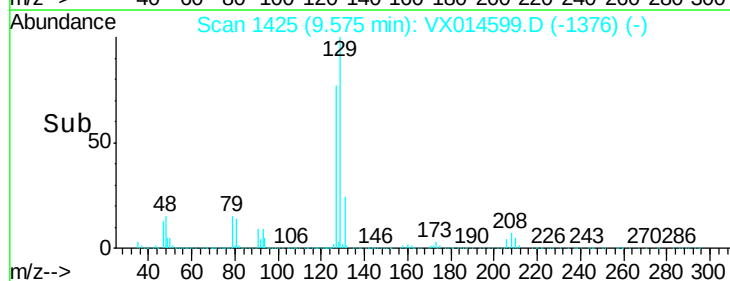
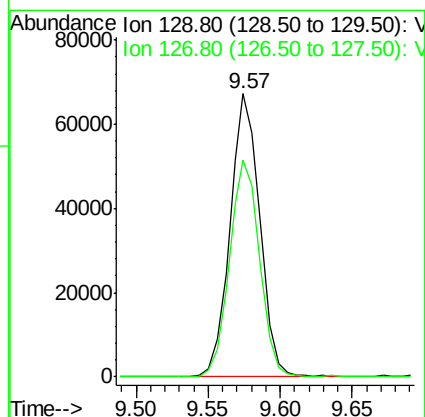
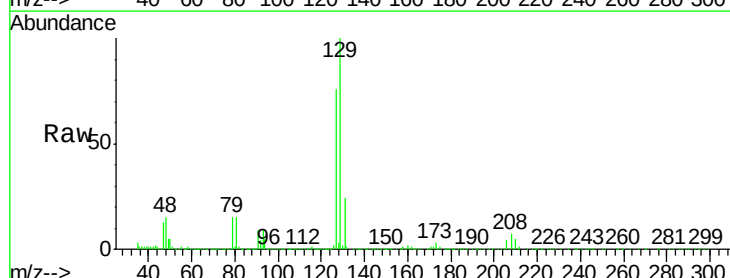
Acq: 14 Jan 2020 11:46

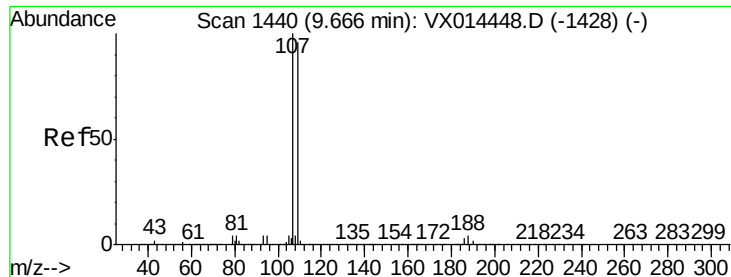
Tgt Ion: 129 Resp: 96723

Ion Ratio Lower Upper

129 100

127 77.2 38.6 116.0





#61

1,2-Dibromoethane

Concen: 18.883 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX014599.D

Acq: 14 Jan 2020 11:46

Instrument :

MSVOA_X

ClientSampleId :

VX0114WBSD01

Tot Ion: 107 Resp: 100386

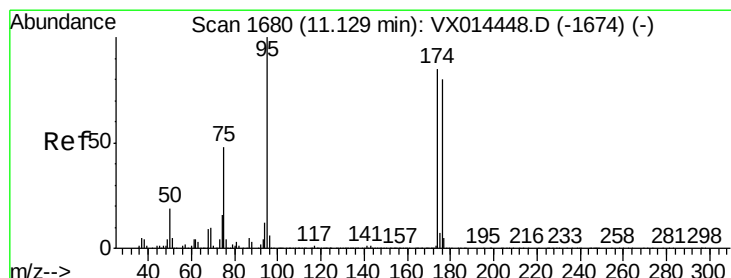
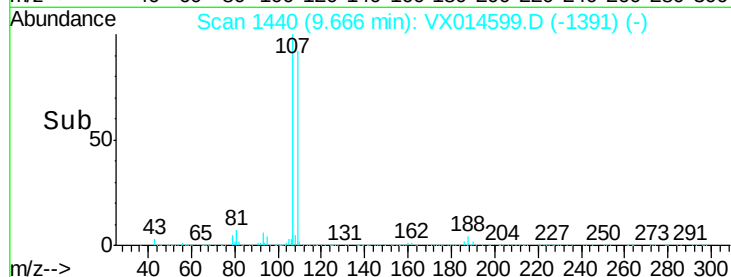
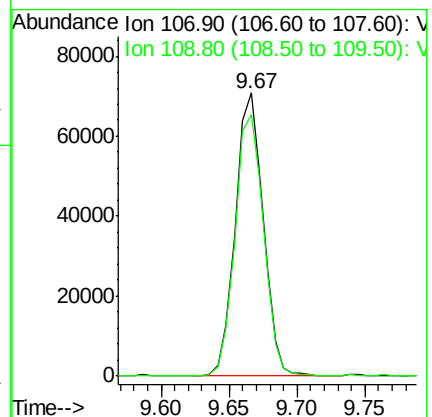
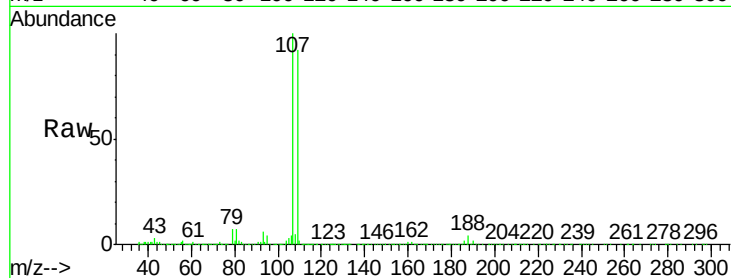
Ion Ratio Lower Upper

107 100

109 95.4 76.5 114.7

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#62

4-Bromofluorobenzene

Concen: 46.998 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX014599.D

Acq: 14 Jan 2020 11:46

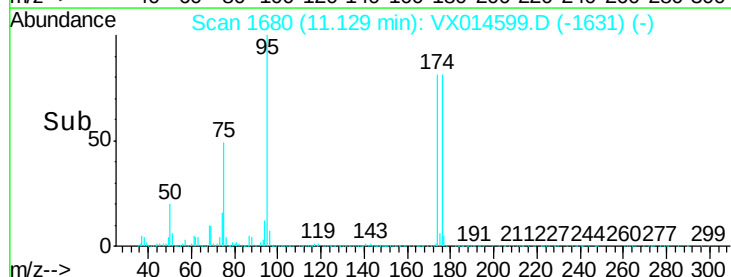
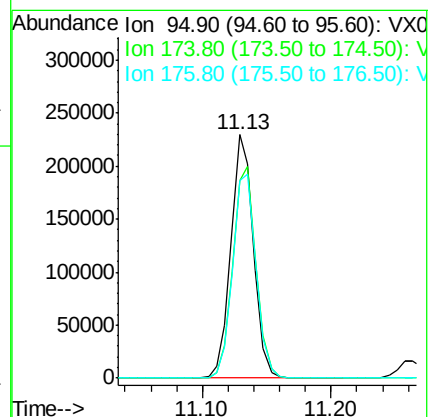
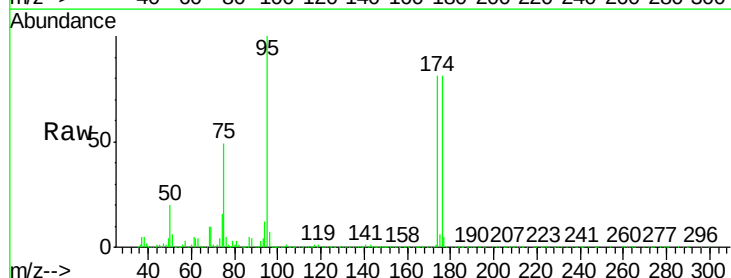
Tgt Ion: 95 Resp: 283438

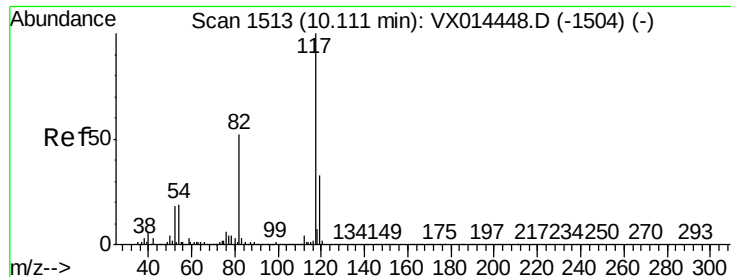
Ion Ratio Lower Upper

95 100

174 89.0 0.0 180.8

176 87.6 0.0 172.8





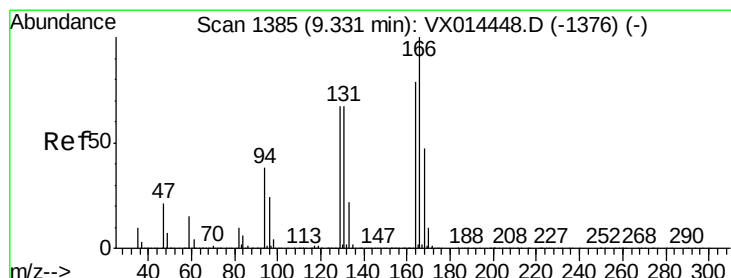
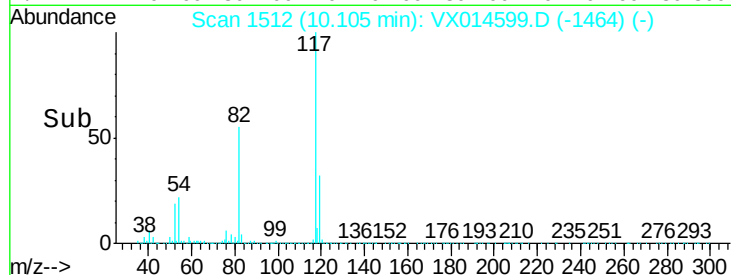
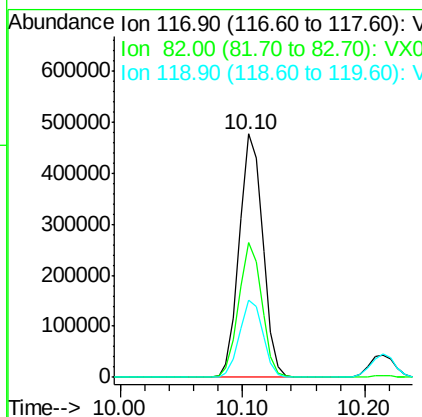
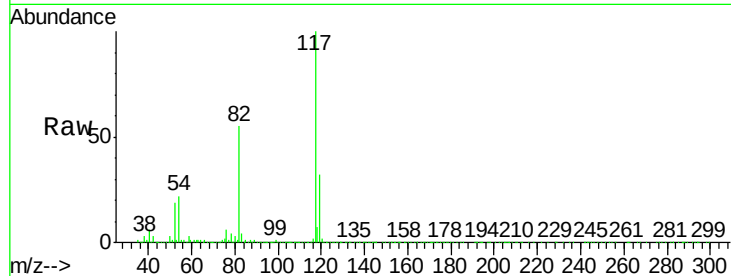
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014599.D
Acq: 14 Jan 2020 11:46

Instrument :
MSVOA_X
ClientSampleId :
VX0114WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	634300		
82	55.2	41.8	62.6	
119	31.9	26.2	39.4	

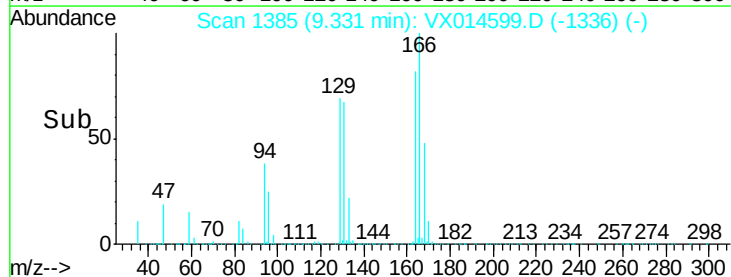
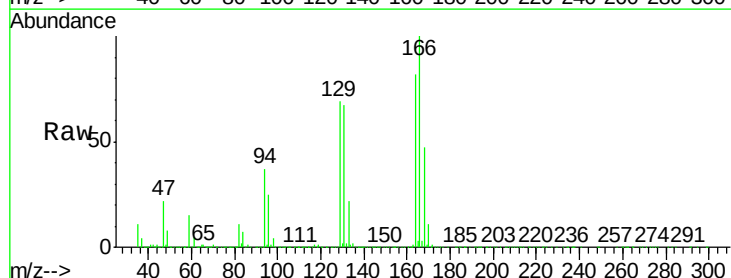
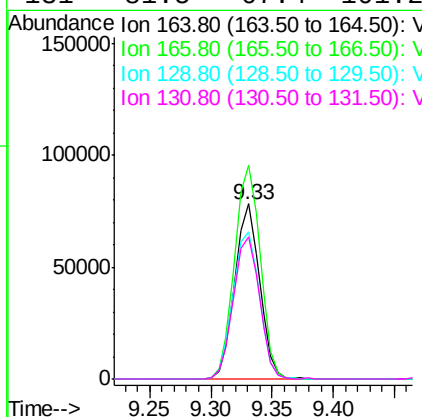
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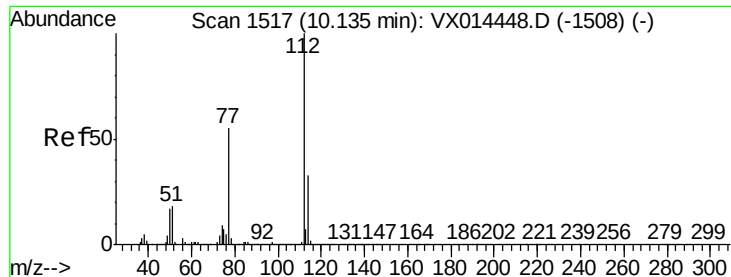
MMDadoda
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#64
Tetrachloroethene
Concen: 17.291 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX014599.D
Acq: 14 Jan 2020 11:46

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	109919		
166	122.0	101.2	151.8	
129	84.1	68.3	102.5	
131	81.5	67.4	101.2	





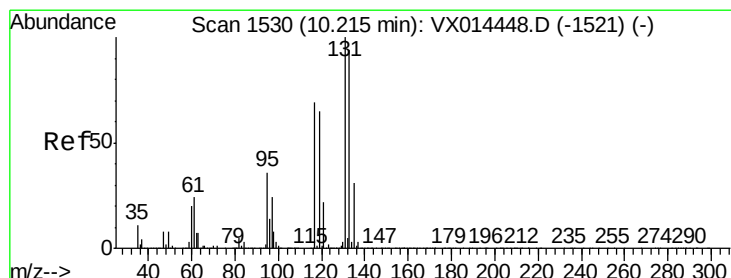
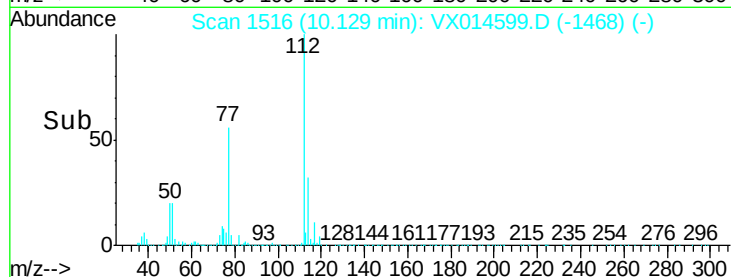
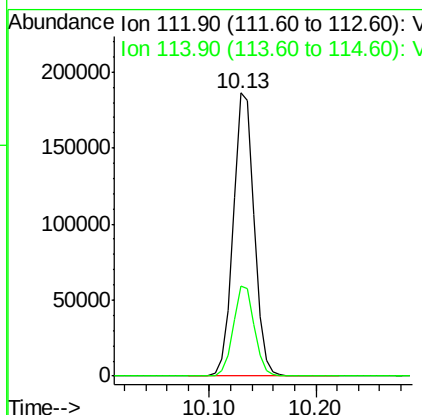
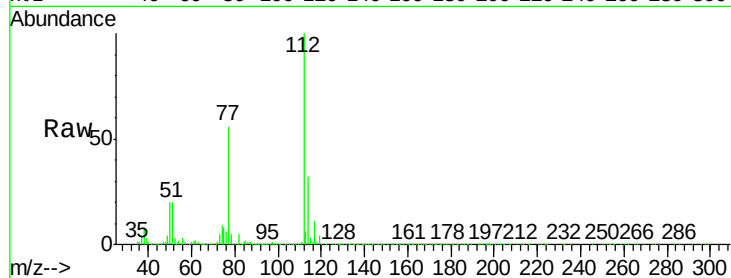
#65
Chlorobenzene
Concen: 18.685 ug/l
RT: 10.13 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VX014599.D
Acq: 14 Jan 2020 11:46

Instrument :
MSVOA_X
ClientSampleId :
VX0114WBSD01

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.7	26.2	39.4

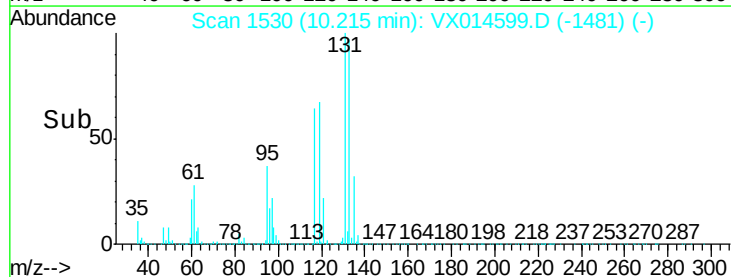
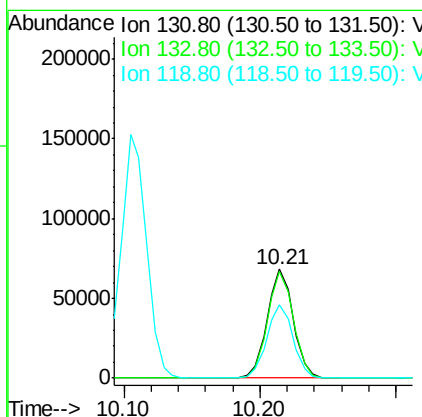
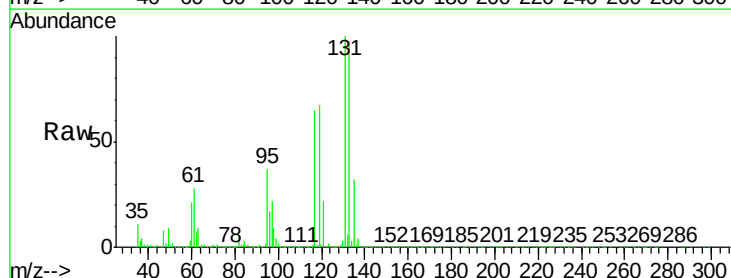
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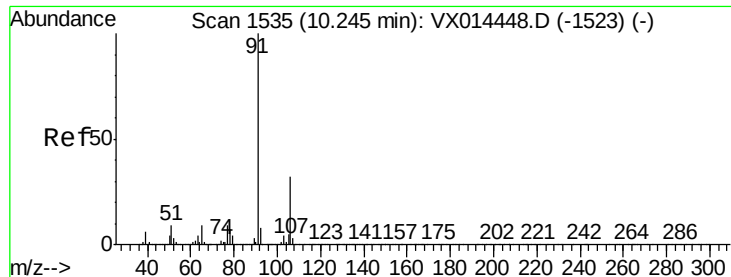
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 18.736 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX014599.D
Acq: 14 Jan 2020 11:46

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.3	47.3	142.0
119	67.6	32.8	98.4





#67

Ethyl Benzene

Concen: 18.896 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX014599.D

Acq: 14 Jan 2020 11:46

Instrument :

MSVOA_X

ClientSampleId :

VX0114WBSD01

Tot Ion: 91 Resp: 443350

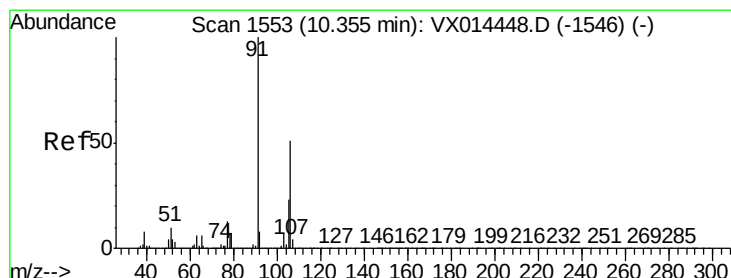
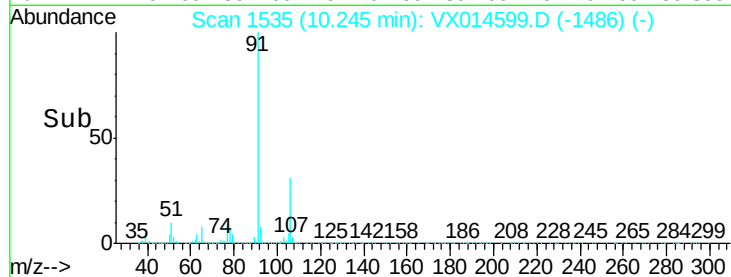
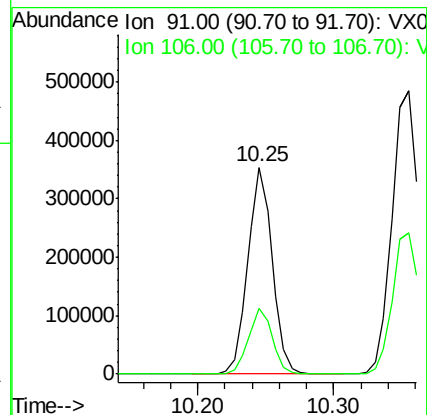
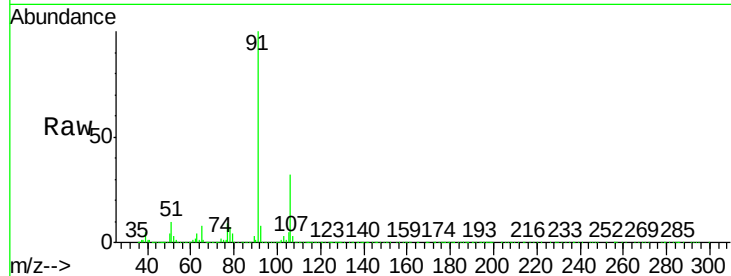
Ion Ratio Lower Upper

91 100

106 31.4 25.6 38.4

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#68

m/p-Xylenes

Concen: 37.025 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX014599.D

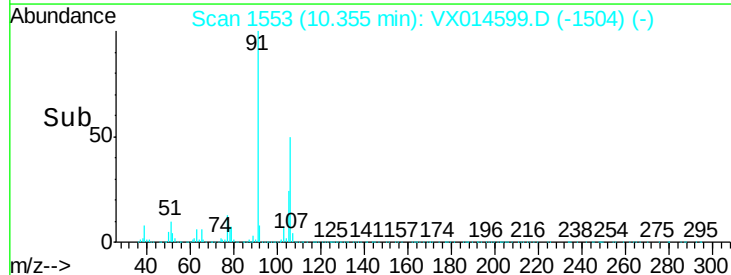
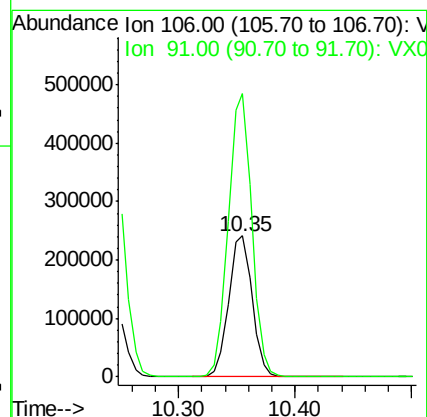
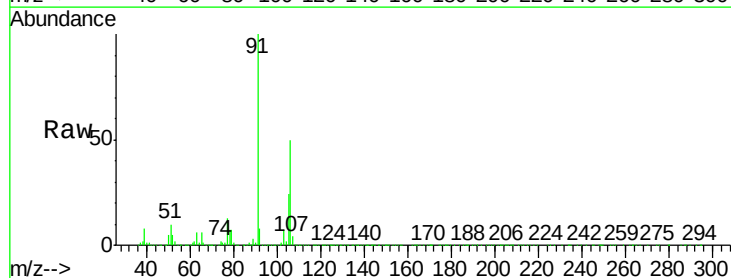
Acq: 14 Jan 2020 11:46

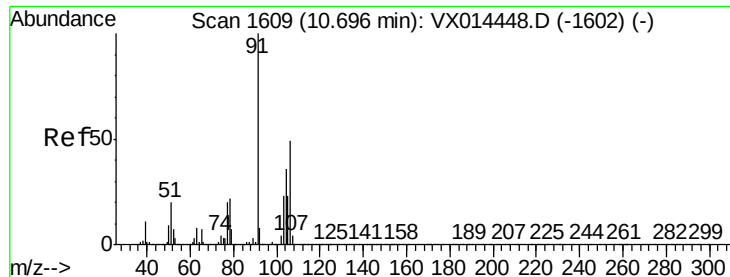
Tgt Ion: 106 Resp: 335139

Ion Ratio Lower Upper

106 100

91 201.1 157.4 236.0





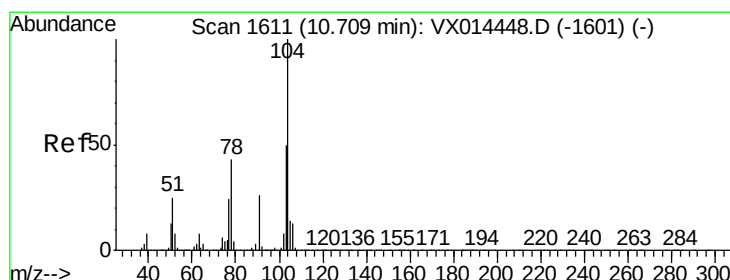
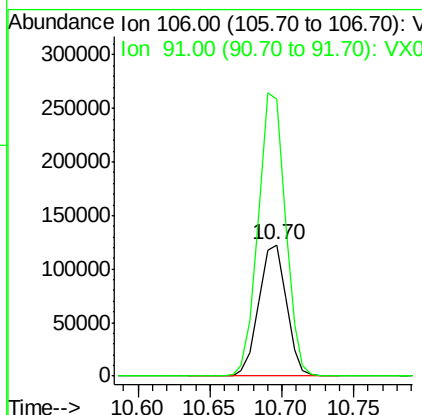
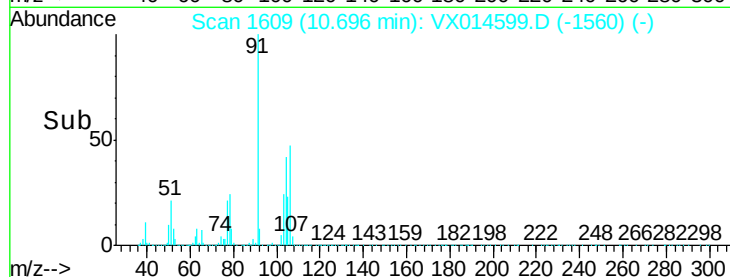
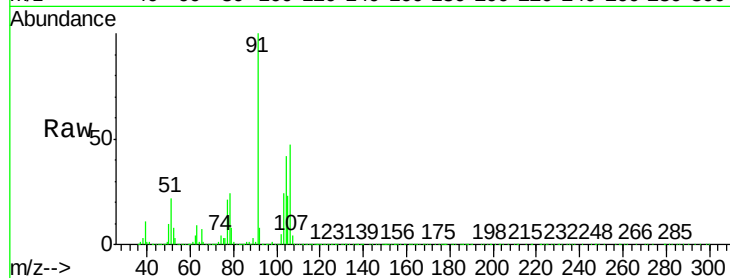
#69
o-Xylene
Concen: 18.740 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX014599.D
Acq: 14 Jan 2020 11:46

Instrument :
MSVOA_X
ClientSampleId :
VX0114WBSD01

Tot Ion:106 Resp: 161844
Ion Ratio Lower Upper
106 100
91 213.3 105.1 315.1

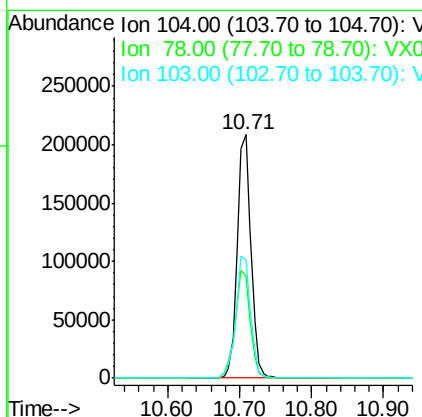
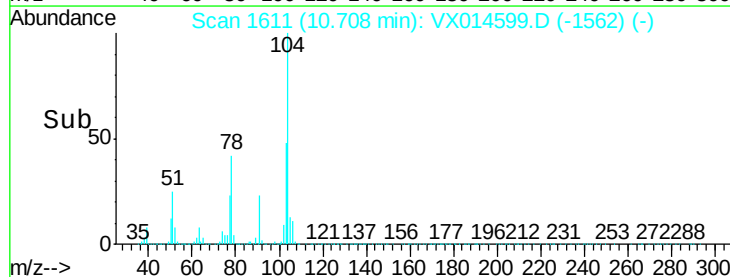
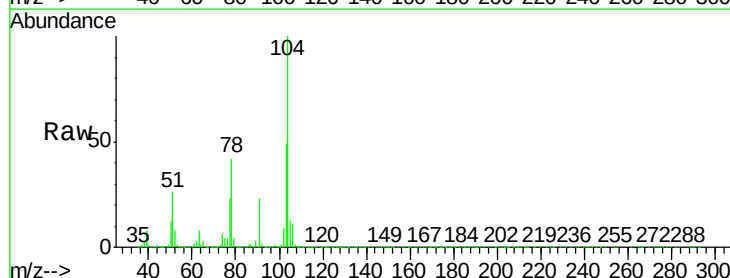
Manual Integrations
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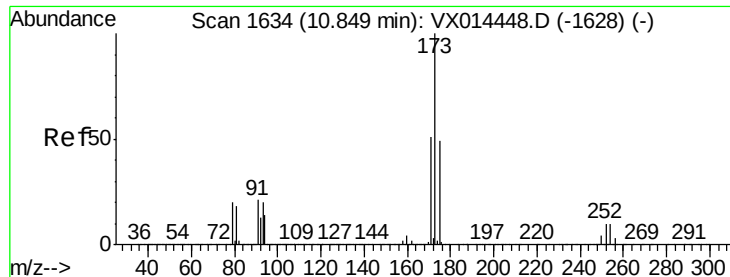
MMDadoda
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#70
Styrene
Concen: 18.588 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX014599.D
Acq: 14 Jan 2020 11:46

Tgt Ion:104 Resp: 277035
Ion Ratio Lower Upper
104 100
78 48.7 38.6 58.0
103 53.6 43.7 65.5





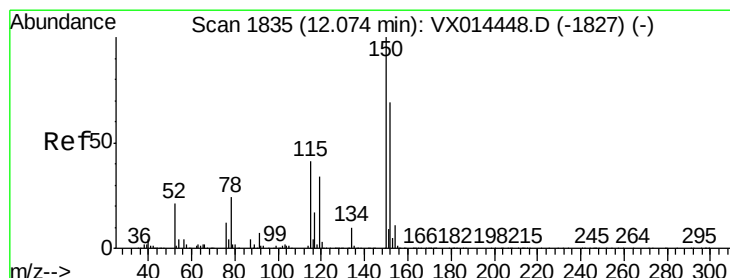
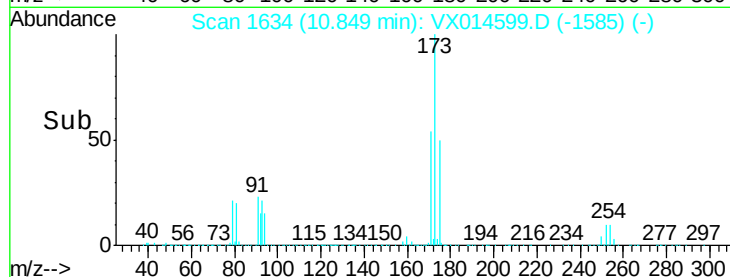
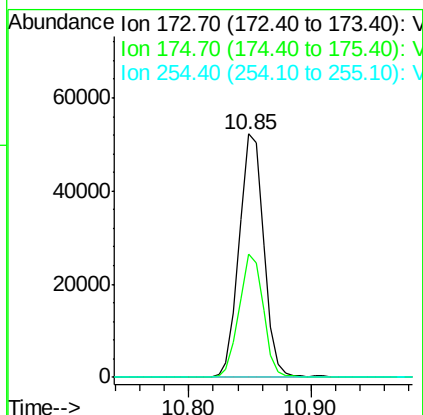
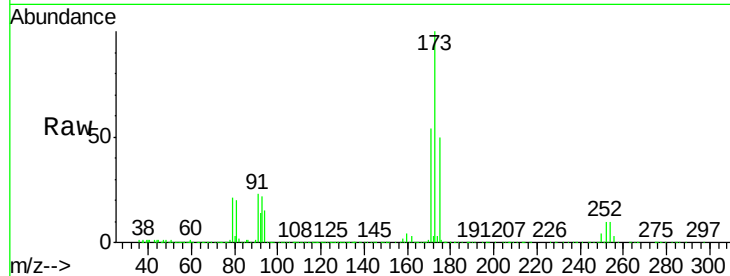
#71
Bromoform
Concen: 18.120 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VX014599.D
Acq: 14 Jan 2020 11:46

Instrument :
MSVOA_X
ClientSampleId :
VX0114WBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.7	24.3	72.8
254	0.1	0.2	0.2

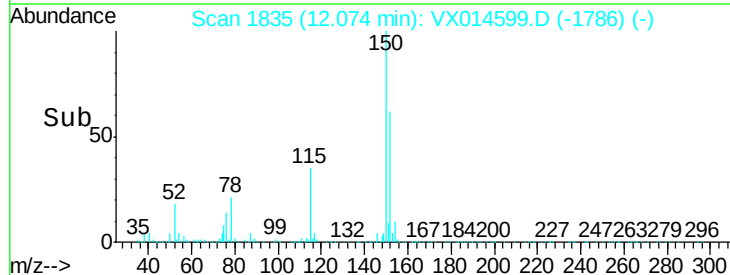
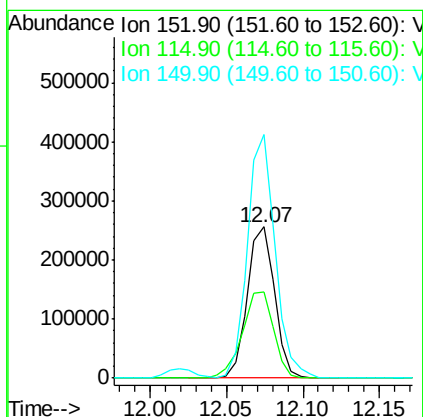
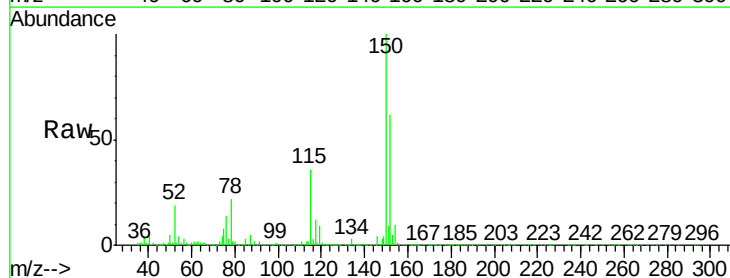
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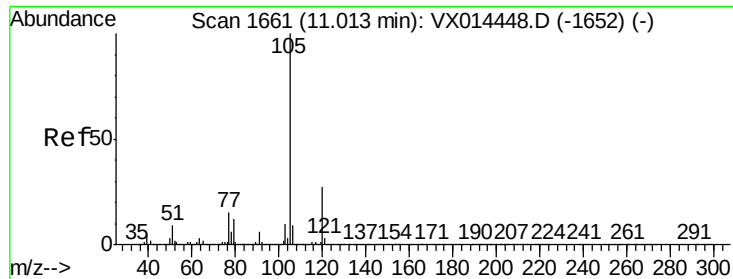
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX014599.D
Acq: 14 Jan 2020 11:46

Tgt Ion	Ratio	Lower	Upper
152	100		
115	65.7	39.5	118.3
150	163.5	0.0	350.2





#73

Isopropylbenzene

Concen: 19.506 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX014599.D

Acq: 14 Jan 2020 11:46

Instrument :

MSVOA_X

ClientSampleId :

VX0114WBSD01

Tot Ion: 105 Resp: 433011

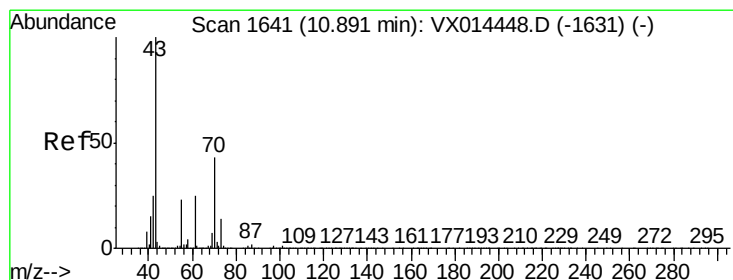
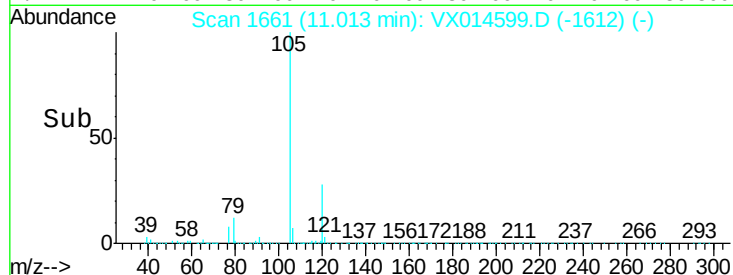
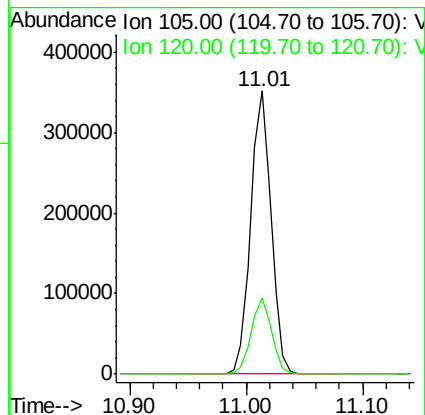
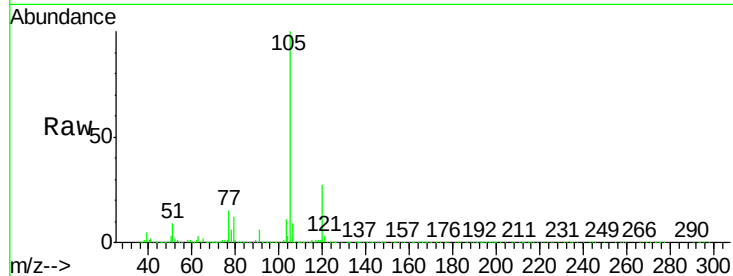
Ion Ratio Lower Upper

105 100

120 26.8 13.4 40.2

Manual Integrations
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#74

N-ethyl acetate

Concen: 19.079 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX014599.D

Acq: 14 Jan 2020 11:46

Tgt Ion: 43 Resp: 186857

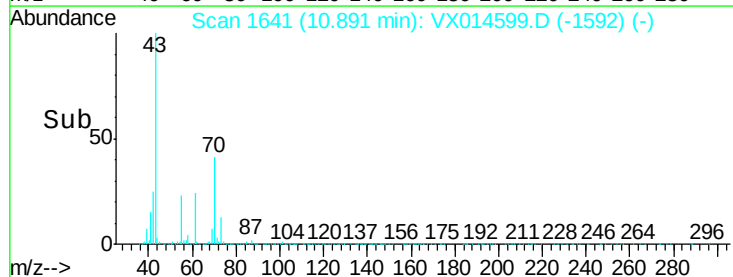
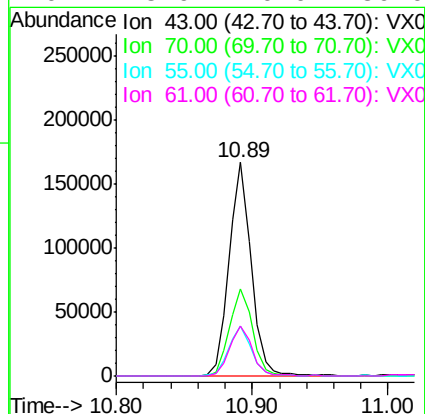
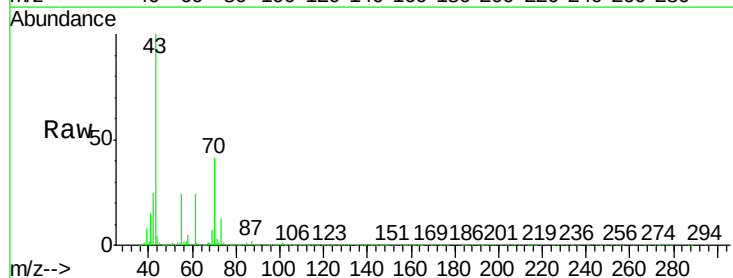
Ion Ratio Lower Upper

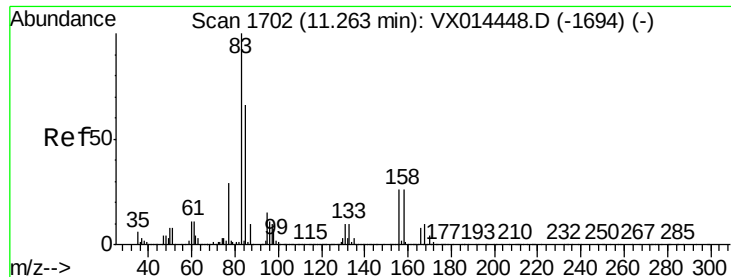
43 100

70 43.0 35.1 52.7

55 24.0 19.3 28.9

61 23.9 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.343 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX014599.D

Acq: 14 Jan 2020 11:46

Instrument :

MSVOA_X

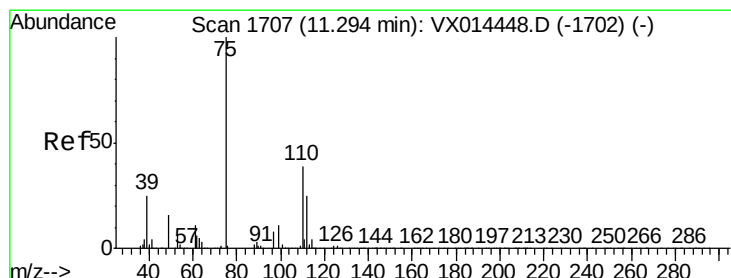
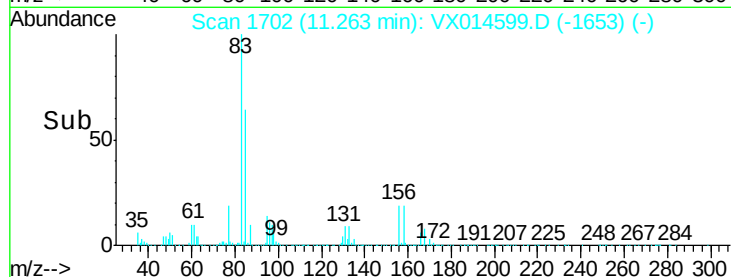
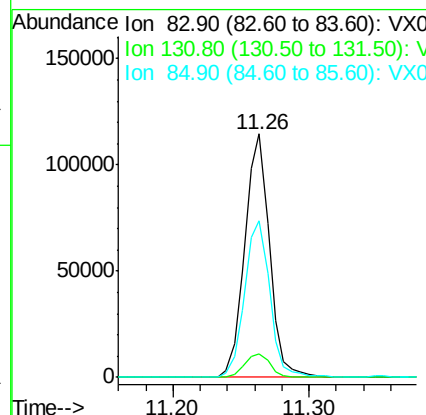
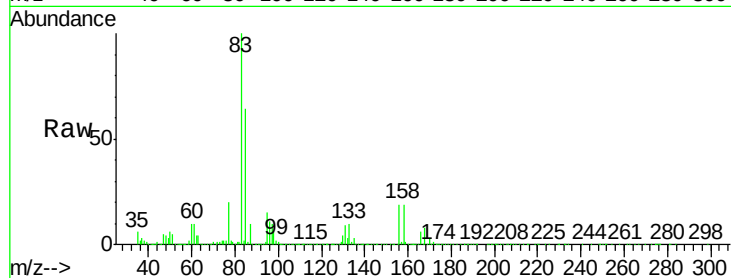
ClientSampleId :

VX0114WBSD01

Tot Ion:	83	Resp:	144829
Ion Ratio	Lower	Upper	
83	100		
131	9.7	5.1	15.4
85	65.5	32.5	97.4

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#76

1,2,3-Trichloropropane

Concen: 18.973 ug/l m

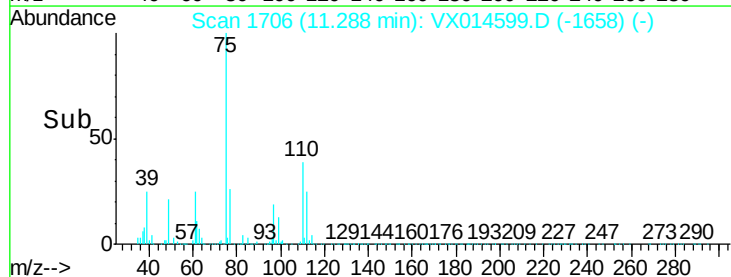
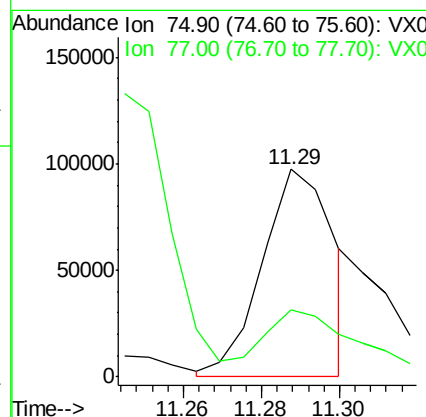
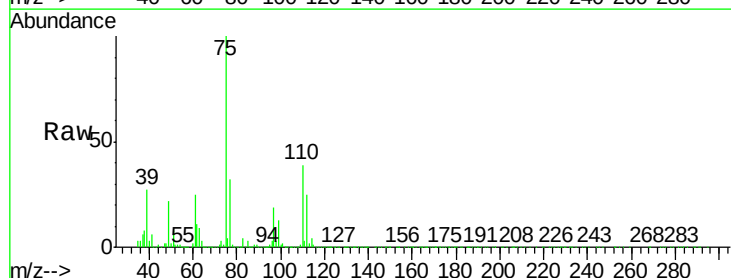
RT: 11.29 min Scan# 1706

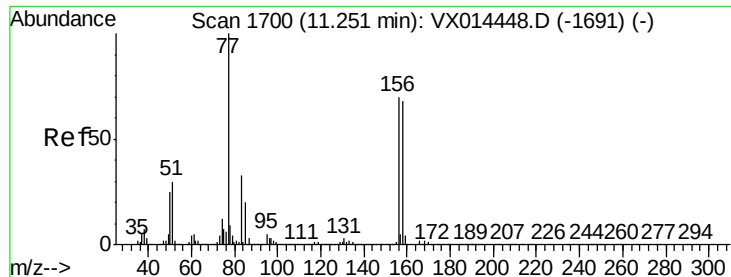
Delta R.T. -0.01 min

Lab File: VX014599.D

Acq: 14 Jan 2020 11:46

Tgt Ion:	75	Resp:	124100
Ion Ratio	Lower	Upper	
75	100		
77	43.1	21.9	65.7





#77

Bromobenzene

Concen: 18.666 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX014599.D

Acq: 14 Jan 2020 11:46

Instrument :

MSVOA_X

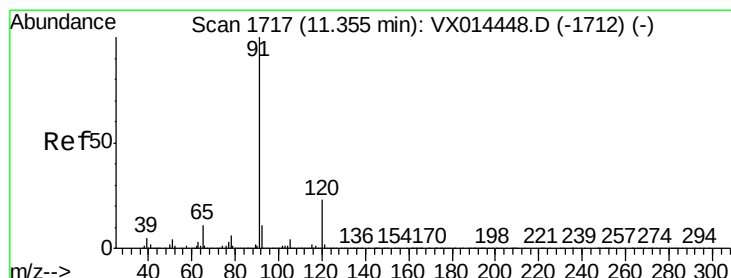
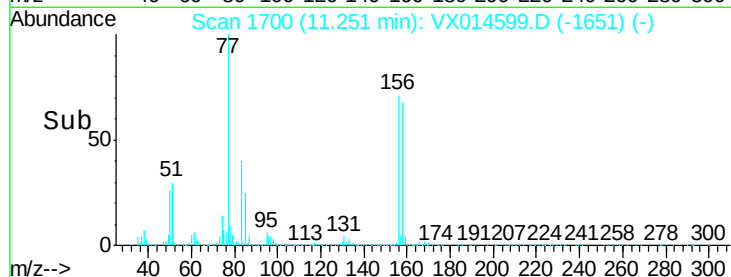
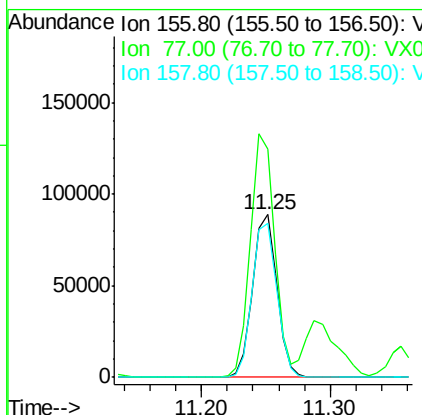
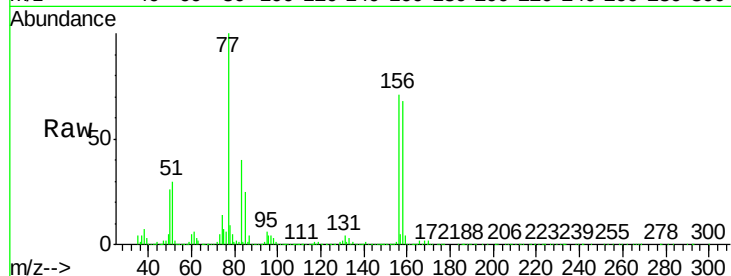
ClientSampleId :

VX0114WBSD01

Tot Ion:	156	Resp:	114914
Ion Ratio	Lower	Upper	
156	100		
77	149.1	75.4	226.3
158	96.8	48.8	146.3

Manual Integrations
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MMDadoda
1/15/2020 10:24:05 AM



#78

n-propylbenzene

Concen: 19.466 ug/l

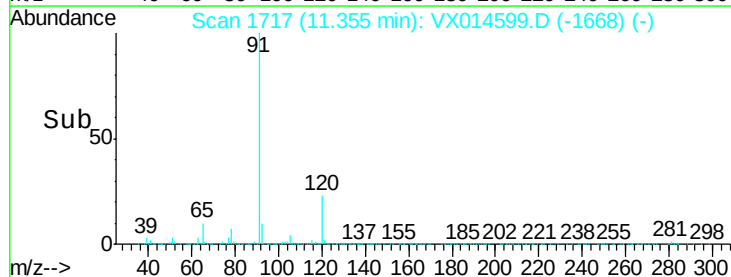
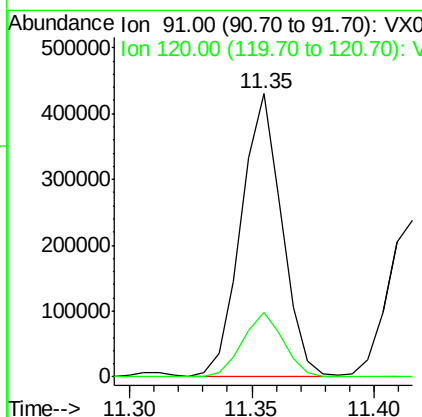
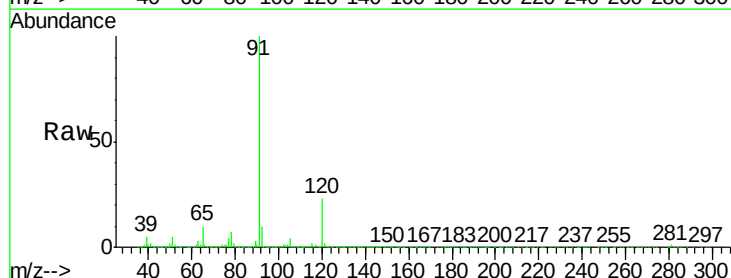
RT: 11.35 min Scan# 1717

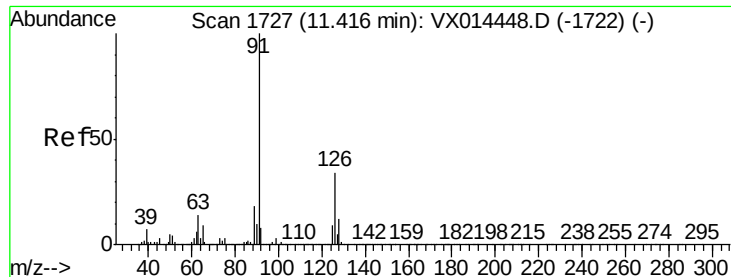
Delta R.T. -0.00 min

Lab File: VX014599.D

Acq: 14 Jan 2020 11:46

Tgt Ion:	91	Resp:	494911
Ion Ratio	Lower	Upper	
91	100		
120	23.2	11.9	35.5





#79

2-Chlorotoluene

Concen: 19.441 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX014599.D

Acq: 14 Jan 2020 11:46

Instrument :

MSVOA_X

ClientSampled :

VX0114WBSD01

Tot Ion: 91 Resp: 294581

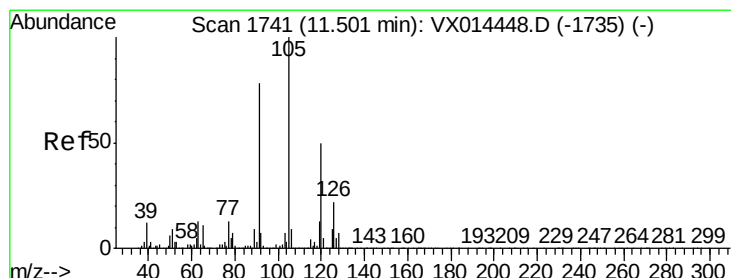
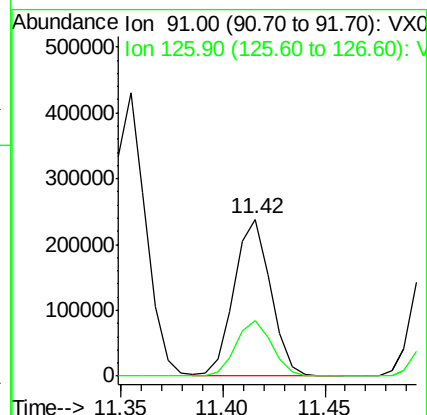
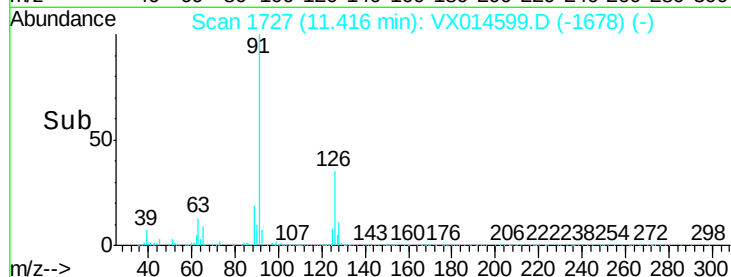
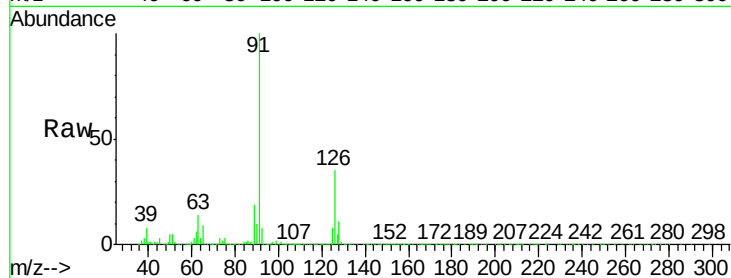
Ion Ratio Lower Upper

91 100

126 34.9 17.5 52.5

Manual Integrations
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#80

1,3,5-Trimethylbenzene

Concen: 19.587 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX014599.D

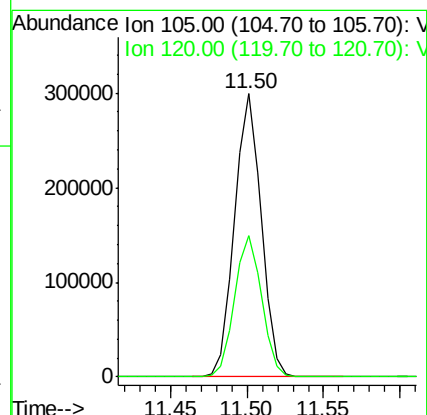
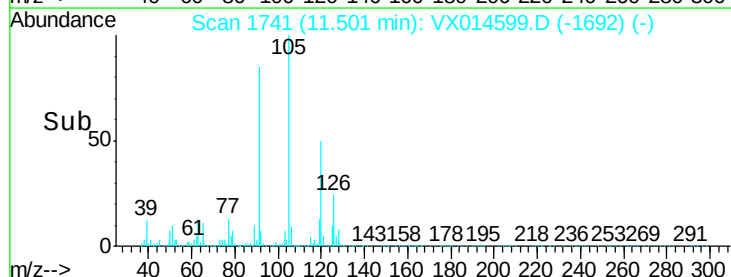
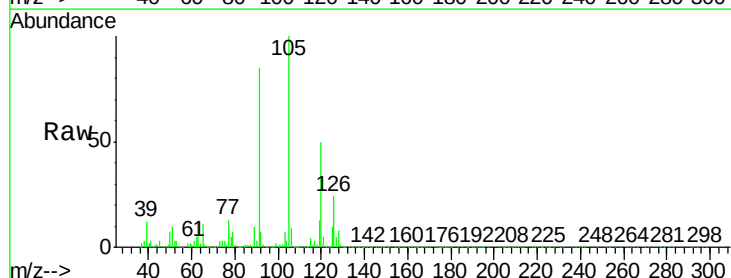
Acq: 14 Jan 2020 11:46

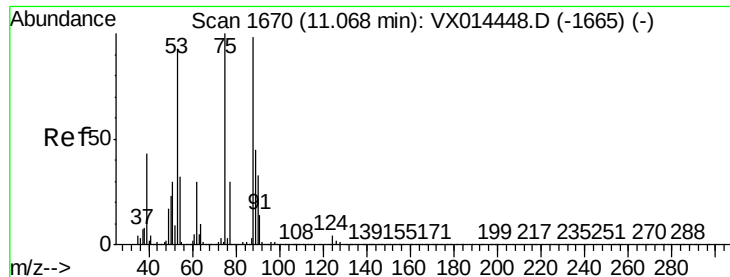
Tgt Ion: 105 Resp: 360997

Ion Ratio Lower Upper

105 100

120 50.5 25.2 75.6





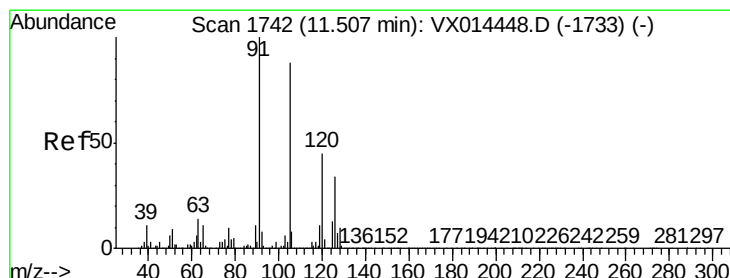
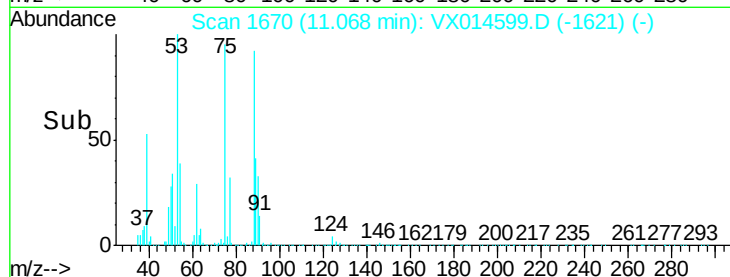
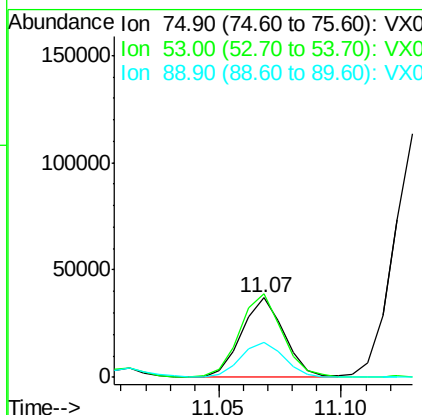
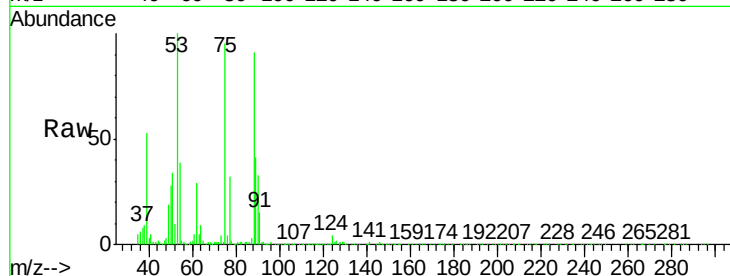
#81
trans-1,4-Dichloro-2-butene
Concen: 17.837 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX014599.D
Acq: 14 Jan 2020 11:46

Instrument :
MSVOA_X
ClientSampleId :
VX0114WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	106.1	74.8	112.2
89	47.2	36.3	54.5

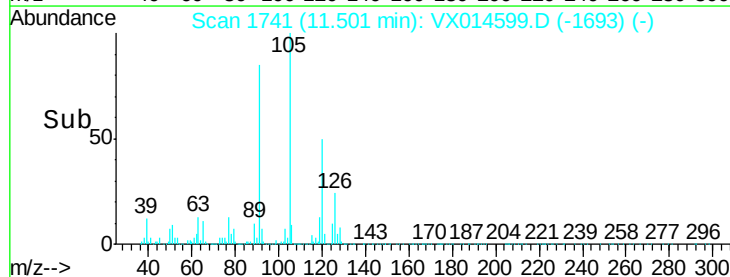
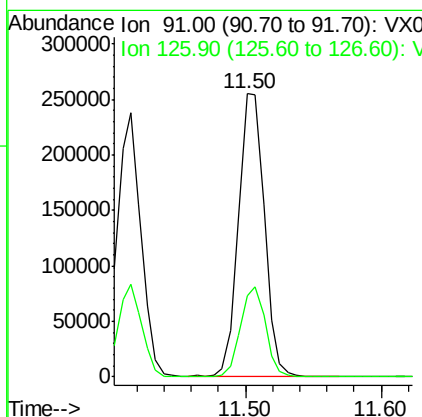
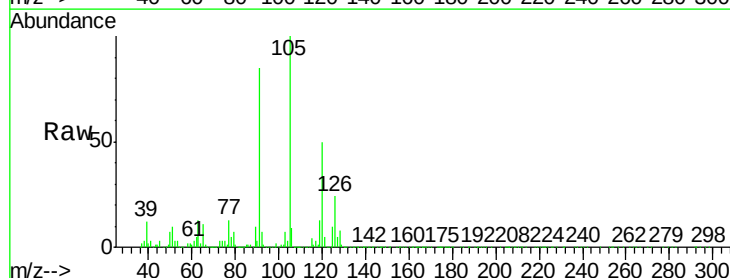
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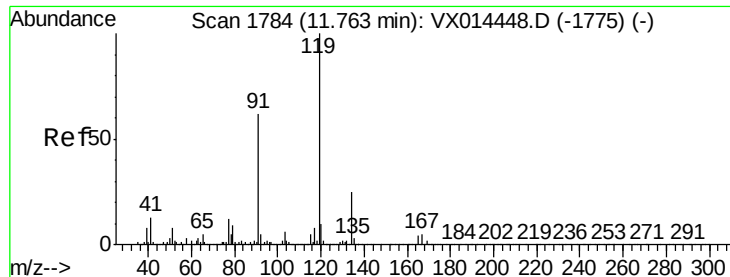
MMDadoda
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#82
4-Chlorotoluene
Concen: 19.018 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. -0.01 min
Lab File: VX014599.D
Acq: 14 Jan 2020 11:46

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.7	15.9	47.7





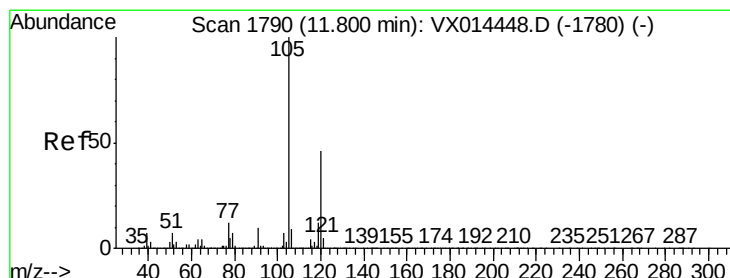
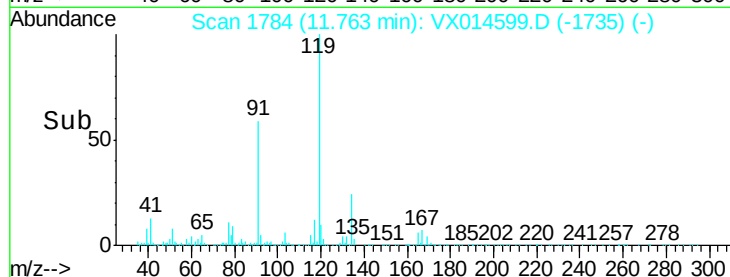
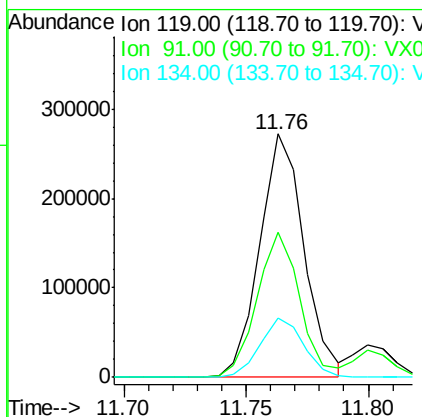
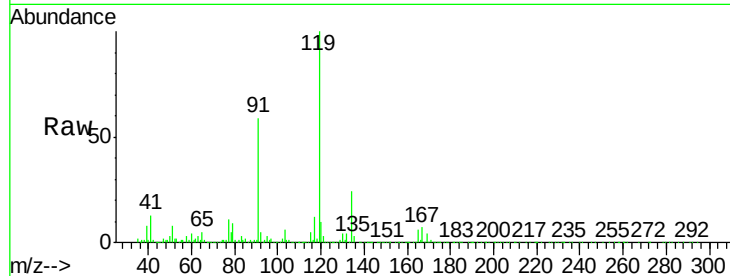
#83
 tert-Butylbenzene
 Concen: 19.760 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: VX014599.D
 Acq: 14 Jan 2020 11:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0114WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	344112		
91	57.5	29.3	88.0	
134	23.9	12.4	37.4	

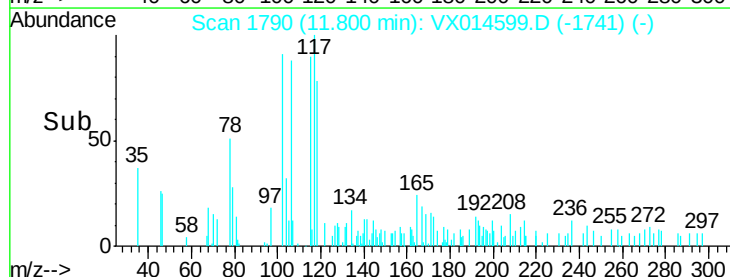
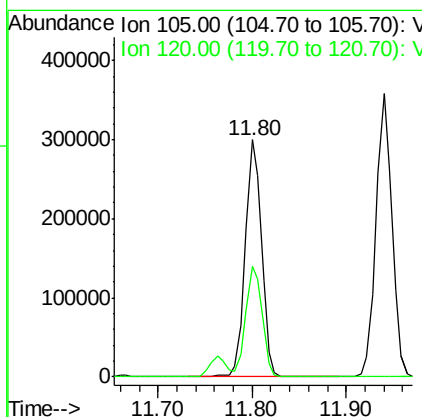
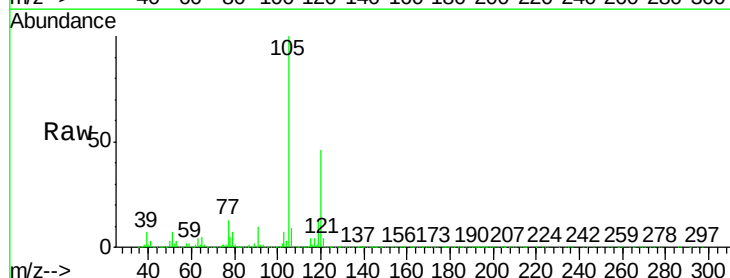
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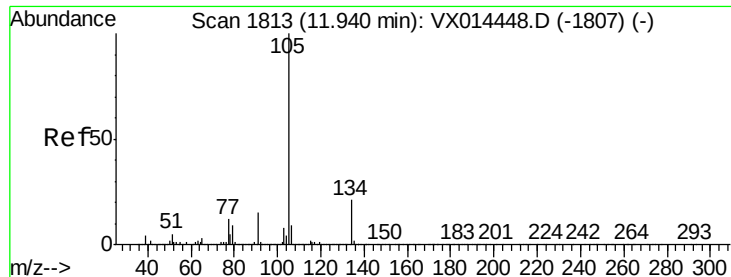
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.477 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX014599.D
 Acq: 14 Jan 2020 11:46

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	362739		
120	46.2	23.1	69.3	





#85

sec-Butylbenzene

Concen: 19.468 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX014599.D

Acq: 14 Jan 2020 11:46

Instrument :

MSVOA_X

ClientSampleId :

VX0114WBSD01

Tot Ion:105 Resp: 421451

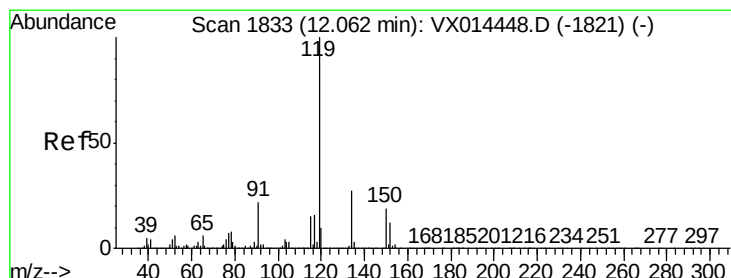
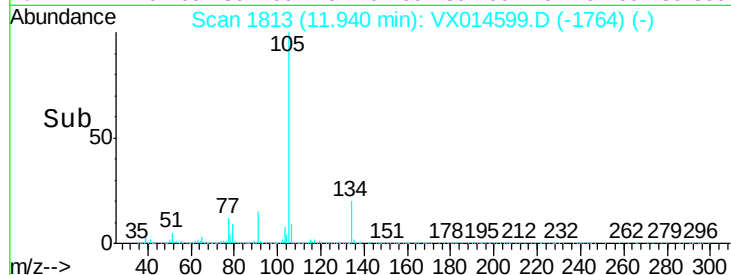
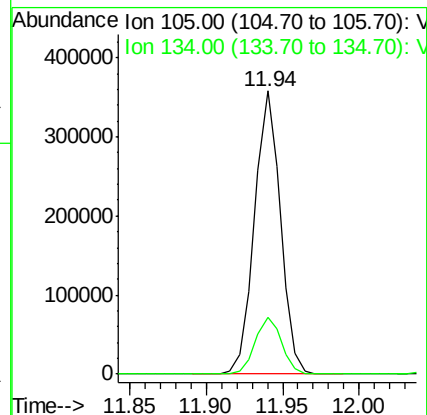
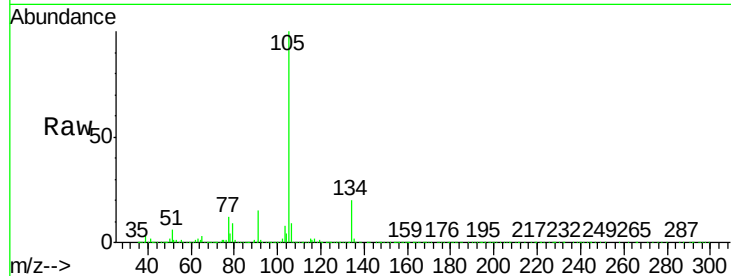
Ion Ratio Lower Upper

105 100

134 20.8 10.5 31.5

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#86

p-Isopropyltoluene

Concen: 19.297 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014599.D

Acq: 14 Jan 2020 11:46

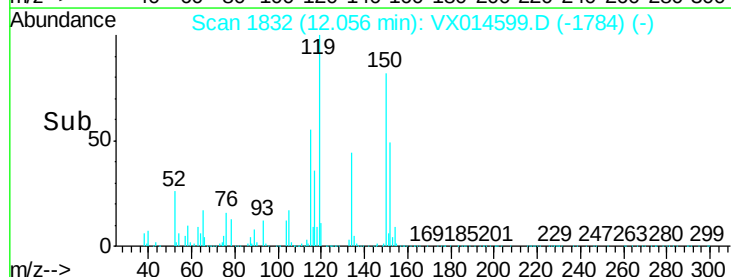
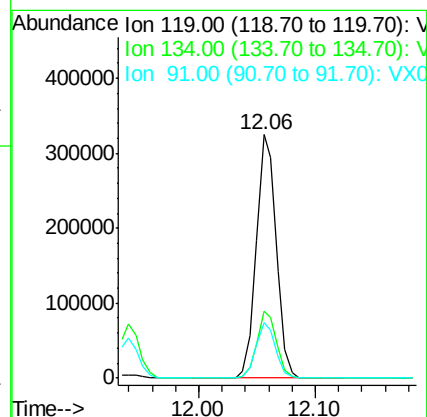
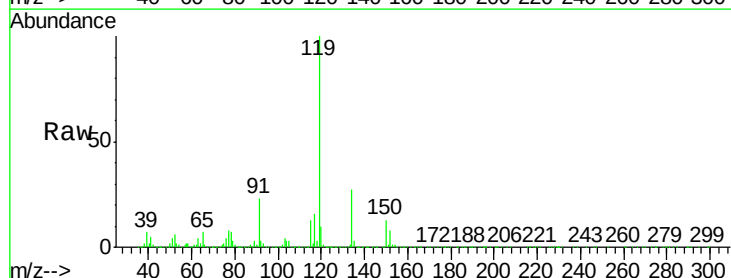
Tgt Ion:119 Resp: 387656

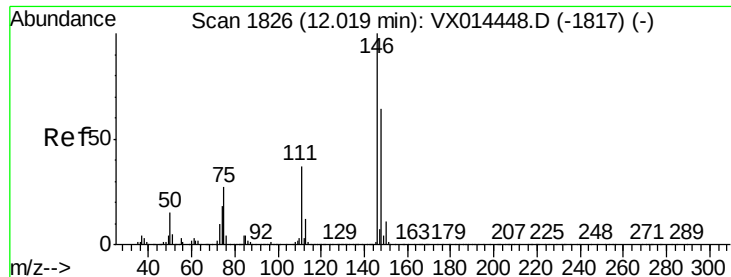
Ion Ratio Lower Upper

119 100

134 26.7 13.5 40.4

91 22.4 11.1 33.3





#87

1,3-Dichlorobenzene

Concen: 18.030 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VX014599.D

Acq: 14 Jan 2020 11:46

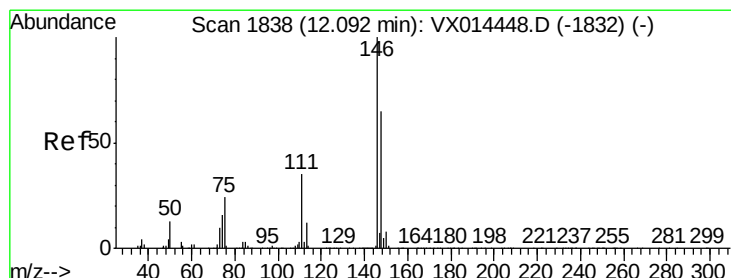
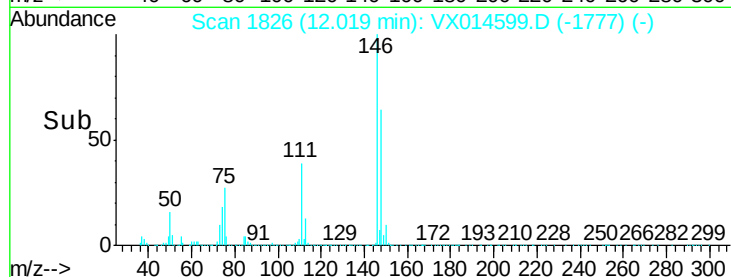
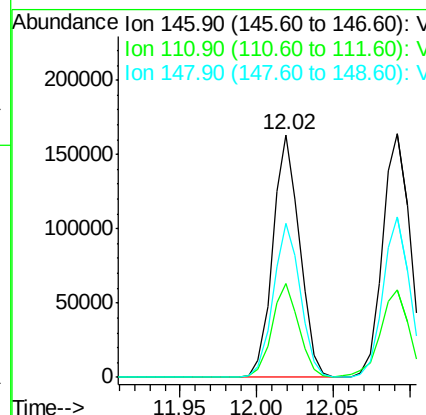
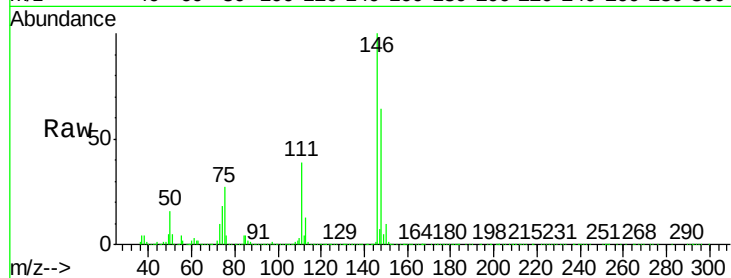
Instrument :
MSVOA_X

ClientSampleId :
VX0114WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	18.9	56.7
148	64.0	32.2	96.6

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#88

1,4-Dichlorobenzene

Concen: 19.198 ug/l

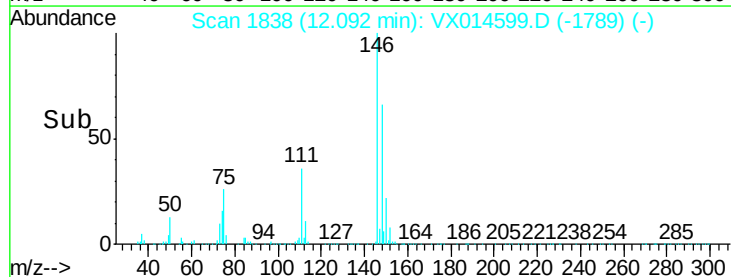
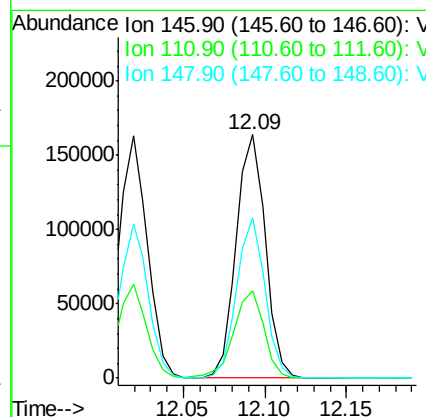
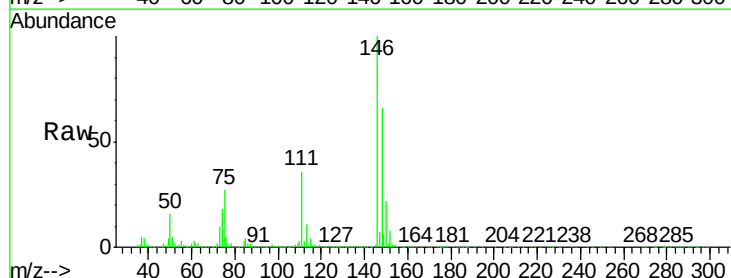
RT: 12.09 min Scan# 1838

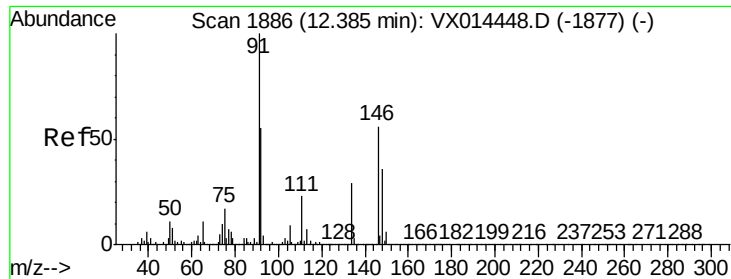
Delta R.T. 0.00 min

Lab File: VX014599.D

Acq: 14 Jan 2020 11:46

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.1	54.1
148	64.5	32.1	96.3





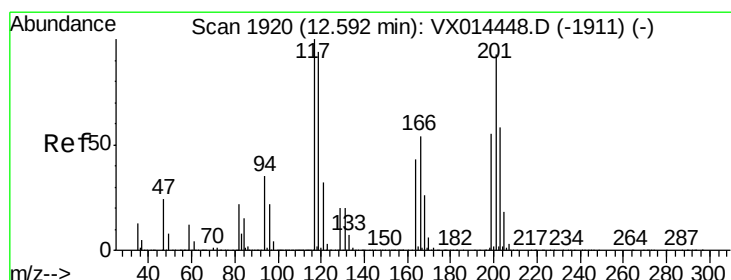
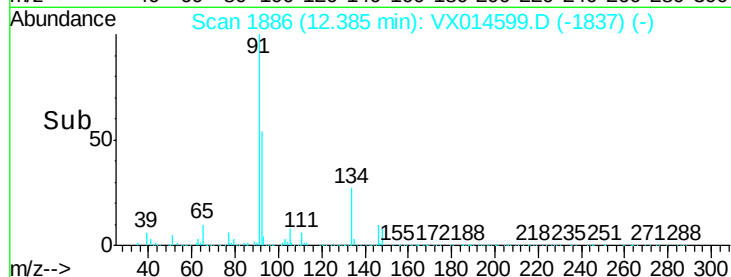
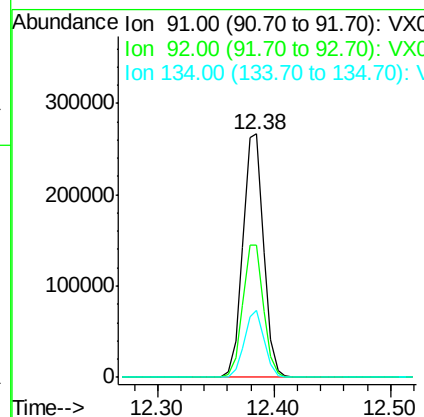
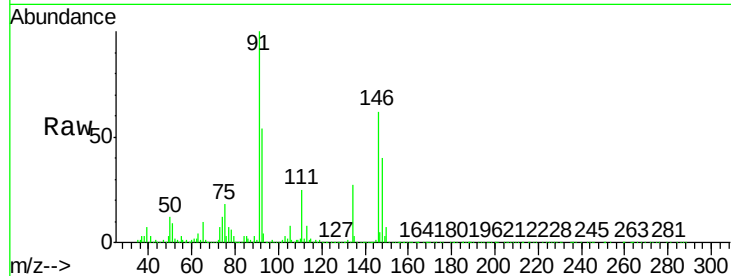
#89
n-Butylbenzene
Concen: 18.034 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX014599.D
Acq: 14 Jan 2020 11:46

Instrument :
MSVOA_X
ClientSampleId :
VX0114WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.3	27.4	82.2
134	26.5	13.9	41.7

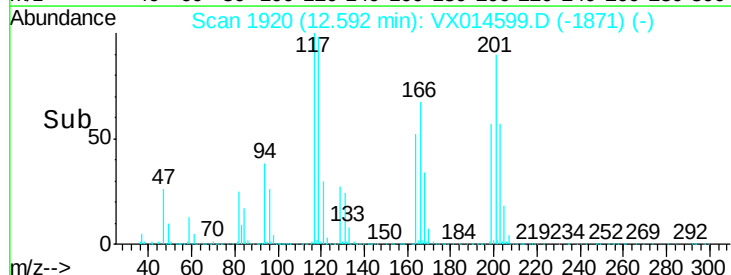
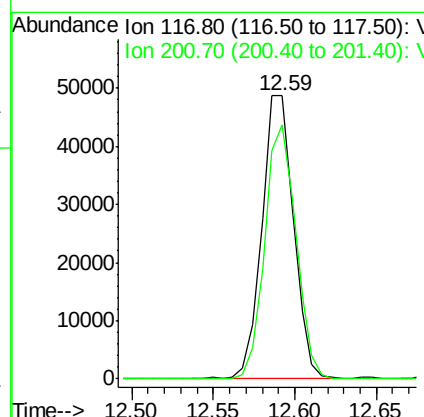
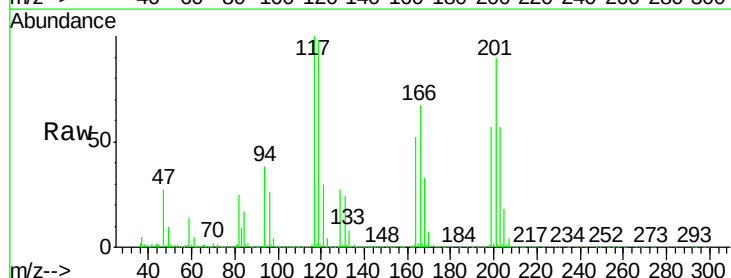
Manual Integrations
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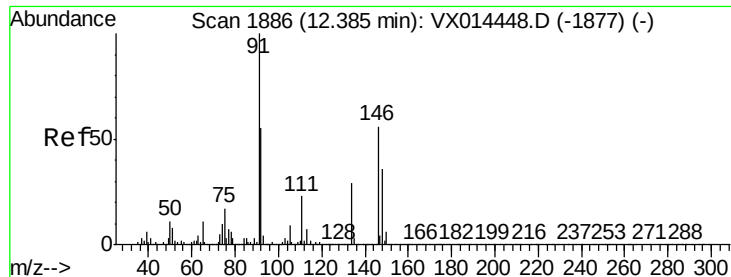
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#90
Hexachloroethane
Concen: 18.603 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX014599.D
Acq: 14 Jan 2020 11:46

Tgt Ion	Ratio	Lower	Upper
117	100		
201	88.6	44.8	134.3





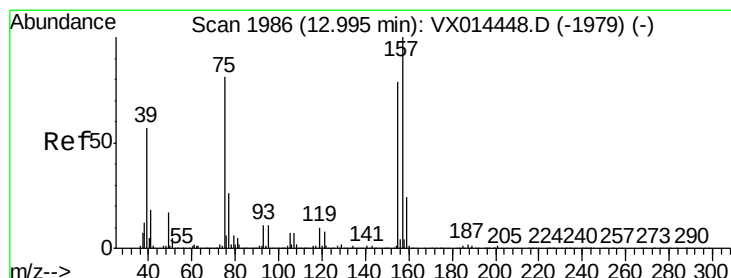
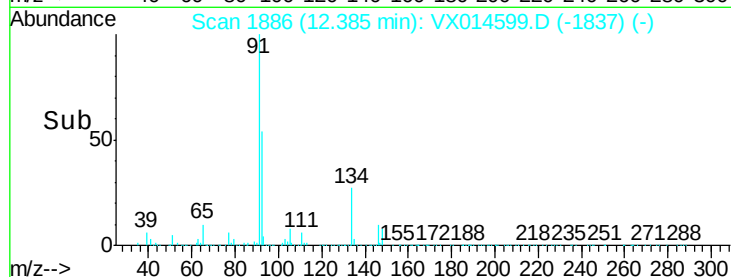
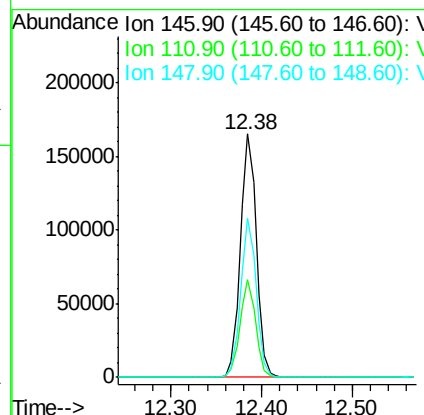
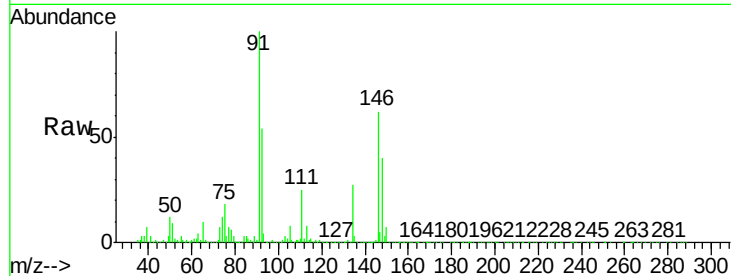
#91
1,2-Dichlorobenzene
Concen: 18.699 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX014599.D
Acq: 14 Jan 2020 11:46

Instrument :
MSVOA_X
ClientSampleId :
VX0114WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.8	59.4
148	63.5	32.3	96.8

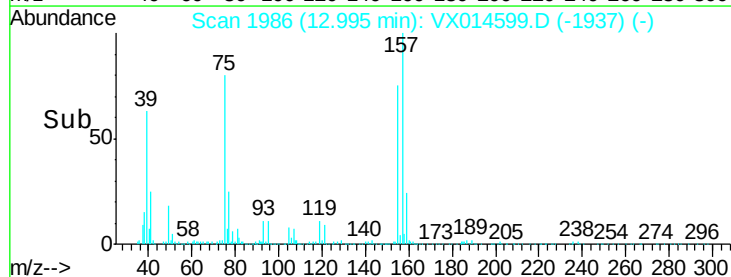
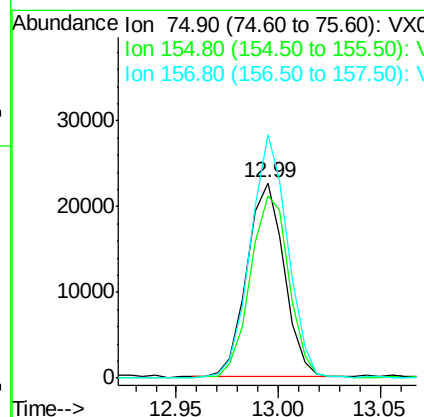
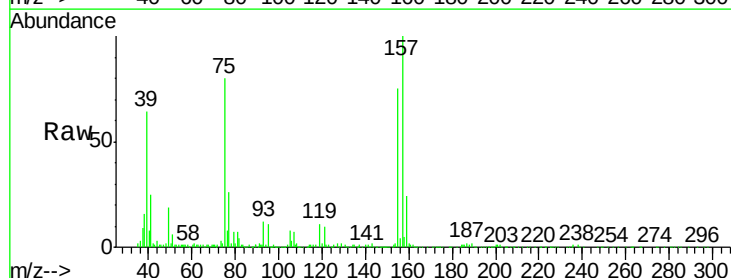
Manual Integrations
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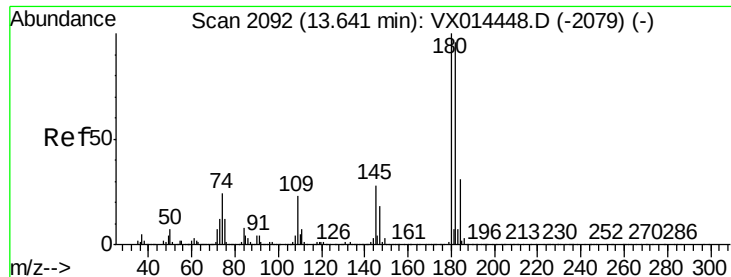
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#92
1,2-Dibromo-3-Chloropropane
Concen: 17.838 ug/l
RT: 12.99 min Scan# 1986
Delta R.T. -0.00 min
Lab File: VX014599.D
Acq: 14 Jan 2020 11:46

Tgt Ion	Ratio	Lower	Upper
75	100		
155	99.3	48.7	146.1
157	126.4	62.0	185.9





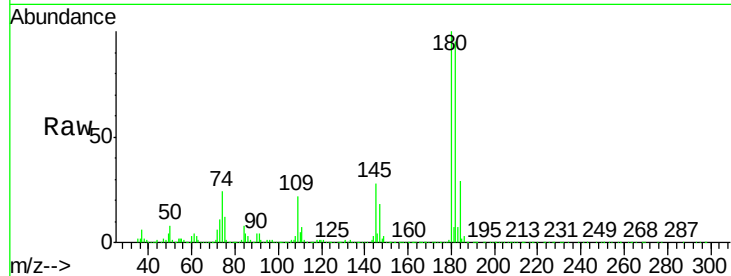
#93
1,2,4-Trichlorobenzene
Concen: 17.687 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. 0.00 min
Lab File: VX014599.D
Acq: 14 Jan 2020 11:46

Instrument :
MSVOA_X
ClientSampleId :
VX0114WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	134925		
182	97.2	47.5	142.5	
145	29.2	13.9	41.6	

Manual Integrations
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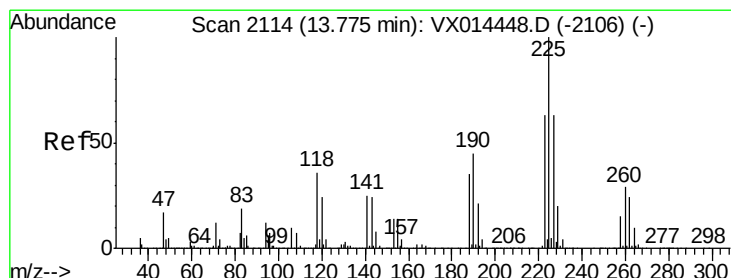
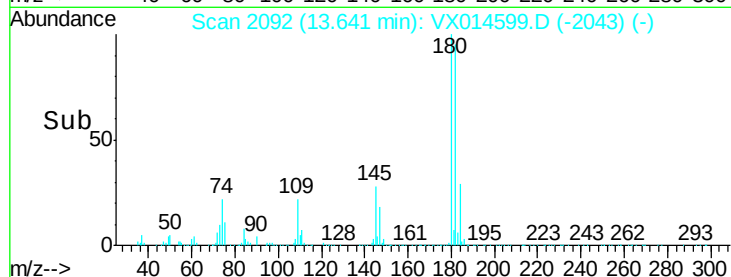
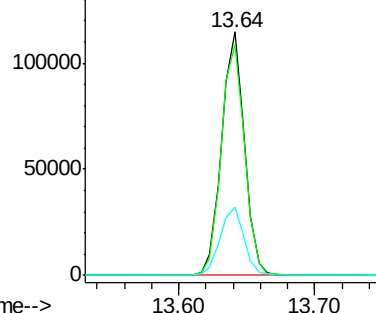


Abundance

Ion 179.80 (179.50 to 180.50): V

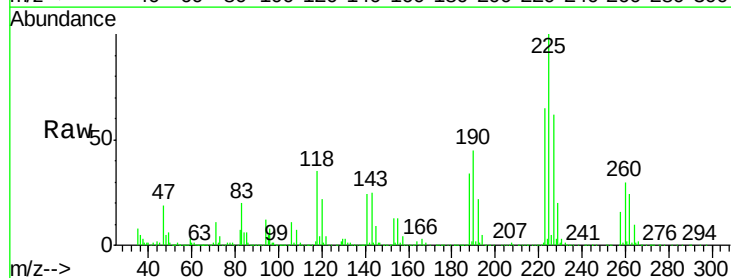
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
Hexachlorobutadiene
Concen: 19.615 ug/l
RT: 13.77 min Scan# 2114
Delta R.T. -0.00 min
Lab File: VX014599.D
Acq: 14 Jan 2020 11:46

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	69663		
223	62.7	31.1	93.2	
227	63.6	31.4	94.2	

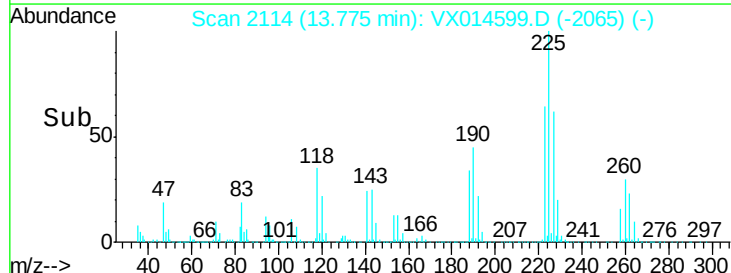
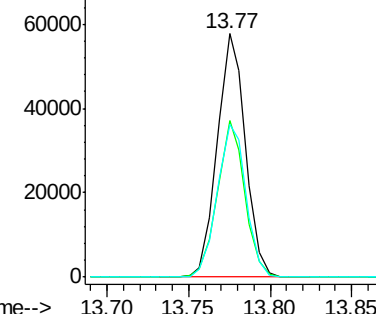


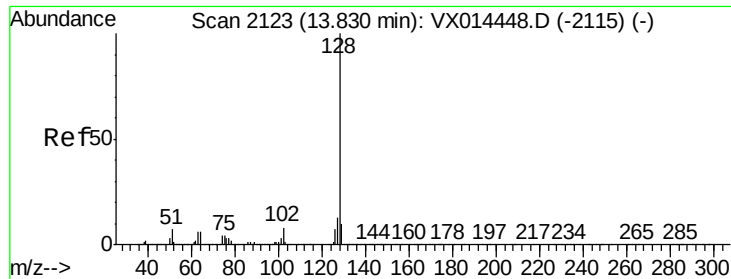
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





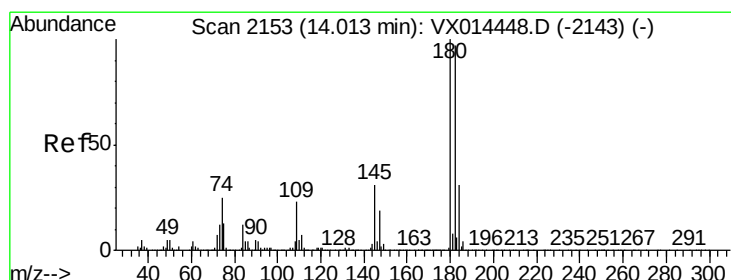
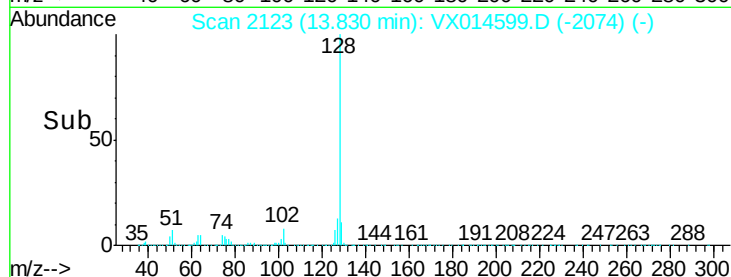
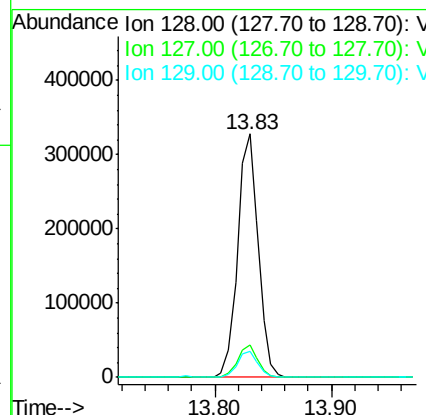
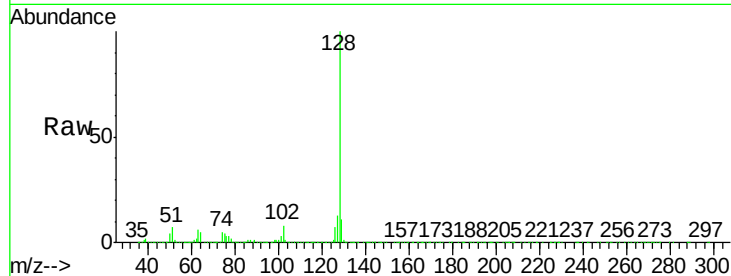
#95
Naphthalene
Concen: 17.086 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX014599.D
Acq: 14 Jan 2020 11:46

Instrument :
MSVOA_X
ClientSampleId :
VX0114WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	10.6	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
1/15/2020 10:24:05 AM



#96
1,2,3-Trichlorobenzene
Concen: 18.222 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014599.D
Acq: 14 Jan 2020 11:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	47.9	143.6
145	30.1	14.8	44.3

