

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX011720\
 Data File : VX014647.D
 Acq On : 17 Jan 2020 12:05
 Operator : JC/SP
 Sample : VX0117WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0117WBS01

Manual Integrations
 APPROVED

MMDadoda
 1/20/2020 11:19:45 AM

Quant Time: Jan 18 05:34:04 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	463834	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	690821	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	616331	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	313800	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	265360	51.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.50%	
35) Dibromofluoromethane	5.48	113	216736	51.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.66%	
50) Toluene-d8	8.71	98	827592	51.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.00%	
62) 4-Bromofluorobenzene	11.13	95	296239	49.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	108526	19.003	ug/l	99
3) Chloromethane	1.32	50	113409	19.181	ug/l	97
4) Vinyl Chloride	1.40	62	129700	19.686	ug/l	99
5) Bromomethane	1.63	94	74380	17.032	ug/l	97
6) Chloroethane	1.72	64	72375	19.370	ug/l	97
7) Trichlorofluoromethane	1.92	101	142120	19.016	ug/l	100
8) Diethyl Ether	2.18	74	65086	19.089	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	86390	19.000	ug/l	98
10) Methyl Iodide	2.50	142	98198	18.036	ug/l	99
11) Tert butyl alcohol	3.02	59	104808	96.941	ug/l	97
12) 1,1-Dichloroethene	2.36	96	83047	18.128	ug/l	96
13) Acrolein	2.28	56	60200	69.469	ug/l	97
14) Allyl chloride	2.72	41	151253	18.806	ug/l	99
15) Acrylonitrile	3.13	53	255422	97.886	ug/l	98
16) Acetone	2.43	43	205479	76.241	ug/l	98
17) Carbon Disulfide	2.56	76	213020	16.665	ug/l	100
18) Methyl Acetate	2.76	43	154751	20.794	ug/l	97
19) Methyl tert-butyl Ether	3.18	73	288252	19.601	ug/l	99
20) Methylene Chloride	2.84	84	98910	18.988	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	92017	18.399	ug/l	94
22) Diisopropyl ether	3.84	45	318315	20.480	ug/l	95
23) Vinyl Acetate	3.80	43	1182120	98.234	ug/l	100
24) 1,1-Dichloroethane	3.69	63	166588	19.702	ug/l	98
25) 2-Butanone	4.65	43	349142	90.269	ug/l	97
26) 2,2-Dichloropropane	4.57	77	135031	18.852	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	105351	18.844	ug/l	97
28) Bromochloromethane	5.00	49	69521	19.513	ug/l	95
29) Tetrahydrofuran	5.11	42	225653	98.676	ug/l	99
30) Chloroform	5.20	83	163886	19.835	ug/l	95
31) Cyclohexane	5.57	56	153399	19.382	ug/l	95
32) 1,1,1-Trichloroethane	5.48	97	137308	19.415	ug/l	99
36) 1,1-Dichloropropene	5.79	75	123761	19.050	ug/l	99
37) Ethyl Acetate	4.81	43	134762	19.097	ug/l	99
38) Carbon Tetrachloride	5.78	117	115980	19.400	ug/l	93

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 Misc : 5.0mL/MSVOA X/WATER
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Manual Integrations
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MMDadoda
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Quant Time: Jan 18 05:34:04 2020
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 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	153550	18.813	ug/l	96
40) Benzene	6.13	78	380368	19.727	ug/l	98
41) Methacrylonitrile	5.02	41	75632	20.098	ug/l	99
42) 1,2-Dichloroethane	6.18	62	131482	19.503	ug/l	98
43) Isopropyl Acetate	6.43	43	225273	19.762	ug/l	99
44) Trichloroethene	7.20	130	106391	19.200	ug/l	95
45) 1,2-Dichloropropane	7.51	63	99201	20.180	ug/l	97
46) Dibromomethane	7.65	93	62483	18.211	ug/l	98
47) Bromodichloromethane	7.89	83	123067	19.712	ug/l	99
48) Methyl methacrylate	7.76	41	109171	19.996	ug/l	98
49) 1,4-Dioxane	7.73	88	46505	401.994	ug/l	96
51) 4-Methyl-2-Pentanone	8.63	43	706338	101.683	ug/l	98
52) Toluene	8.78	92	241009	19.526	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	136681	18.805	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	152791	19.460	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	96836	19.532	ug/l	98
56) Ethyl methacrylate	9.17	69	147554	19.427	ug/l	98
57) 1,3-Dichloropropane	9.36	76	165950	20.020	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.31	63	250069	96.768	ug/l	99
59) 2-Hexanone	9.48	43	536072	97.532	ug/l	100
60) Dibromochloromethane	9.57	129	100019	20.072	ug/l	98
61) 1,2-Dibromoethane	9.67	107	102433	19.505	ug/l	97
64) Tetrachloroethene	9.33	164	116079	18.792	ug/l	97
65) Chlorobenzene	10.13	112	254630	19.037	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	92206	19.317	ug/l	98
67) Ethyl Benzene	10.25	91	447264	19.619	ug/l	100
68) m/p-Xylenes	10.35	106	344385	39.156	ug/l	98
69) o-Xylene	10.69	106	164380	19.588	ug/l	99
70) Styrene	10.71	104	281691	19.451	ug/l	100
71) Bromoform	10.85	173	73624	18.852	ug/l #	100
73) Isopropylbenzene	11.01	105	445571	20.221	ug/l	99
74) N-amyl acetate	10.89	43	186600	19.194	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	143254	20.272	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	123092m	18.959	ug/l	
77) Bromobenzene	11.25	156	114215	18.690	ug/l	98
78) n-propylbenzene	11.35	91	500323	19.826	ug/l	100
79) 2-Chlorotoluene	11.42	91	301011	20.013	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	368851	20.162	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	43641	17.771	ug/l	88
82) 4-Chlorotoluene	11.51	91	340073	19.262	ug/l	97
83) tert-Butylbenzene	11.76	119	342132	19.792	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	372021	20.124	ug/l	100
85) sec-Butylbenzene	11.94	105	425081	19.781	ug/l	99
86) p-Isopropyltoluene	12.06	119	391946	19.655	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	202085	18.427	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	202059	19.251	ug/l	97
89) n-Butylbenzene	12.39	91	336751	18.470	ug/l	99
90) Hexachloroethane	12.59	117	67068	19.148	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	203414	18.931	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	30092	18.931	ug/l	97

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ClientSampleId :
VX0117WBS01

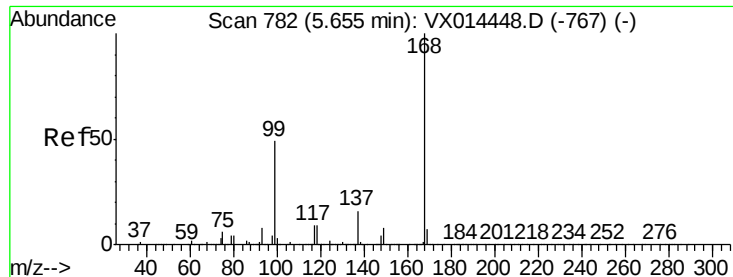
Manual Integrations
APPROVED

MMDadoda
1/20/2020 11:19:45 AM

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
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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	136325	18.006	ug/l	100
94) Hexachlorobutadiene	13.78	225	68774	19.509	ug/l	98
95) Naphthalene	13.83	128	392580	16.772	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	138828	18.588	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX014647.D

Acq: 17 Jan 2020 12:05

Instrument :

MSVOA_X

ClientSampleId :

VX0117WBS01

Tot Ion:168 Resp: 463834

Ion Ratio Lower Upper

168 100

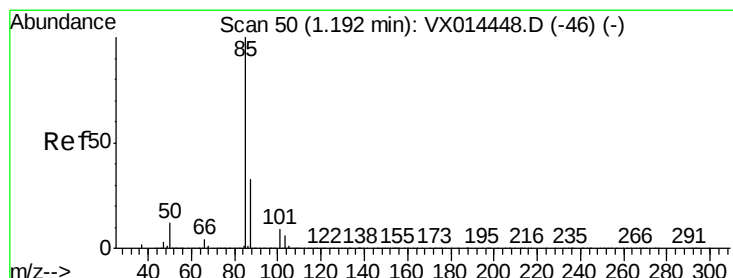
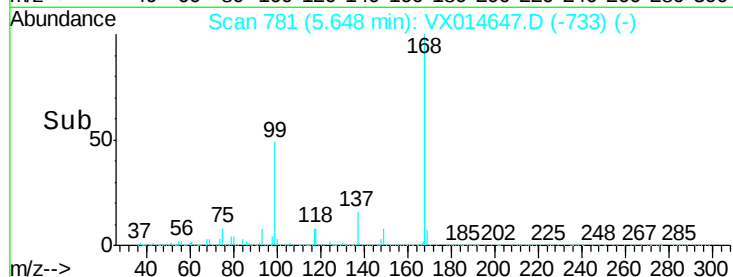
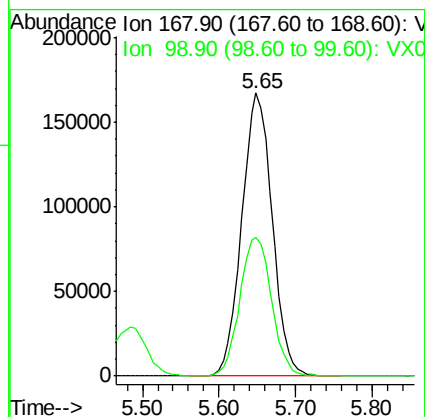
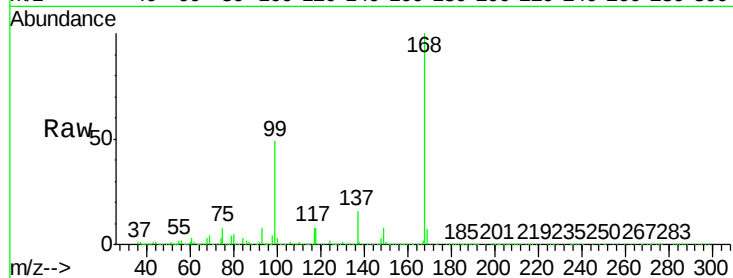
99 48.9 39.2 58.8

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 19.003 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014647.D

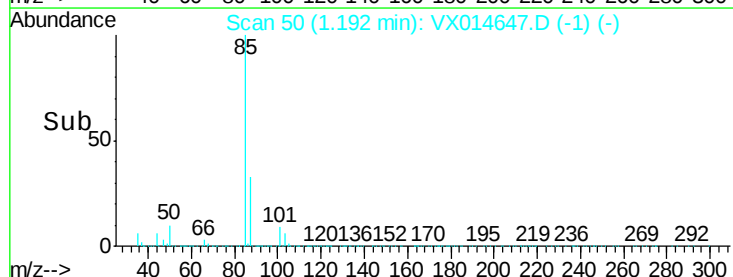
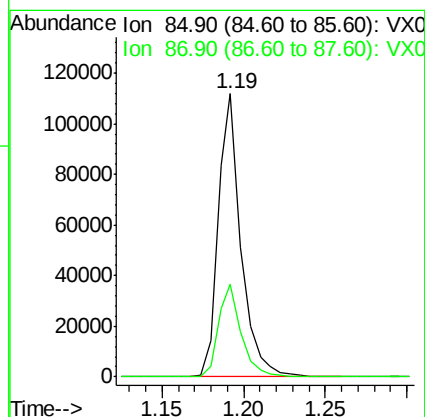
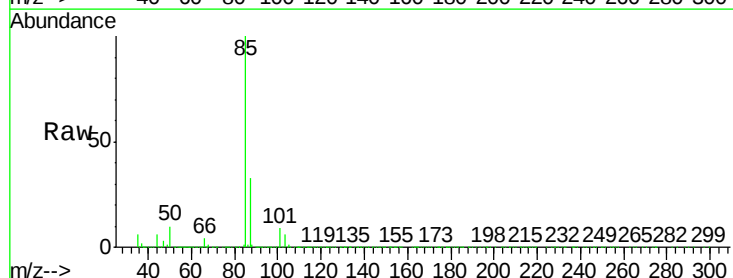
Acq: 17 Jan 2020 12:05

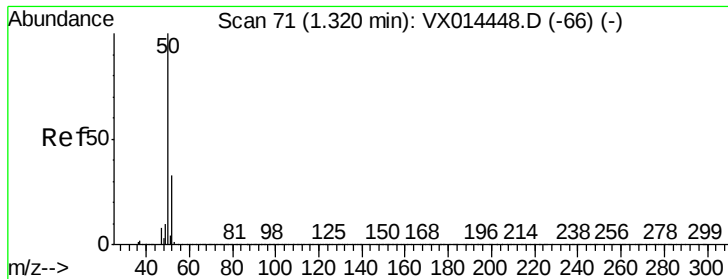
Tgt Ion: 85 Resp: 108526

Ion Ratio Lower Upper

85 100

87 32.6 16.5 49.5





#3

Chloromethane

Concen: 19.181 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX014647.D

Acq: 17 Jan 2020 12:05

Instrument :

MSVOA_X

ClientSampleId :

VX0117WBS01

Tot Ion: 50 Resp: 113409

Ion Ratio Lower Upper

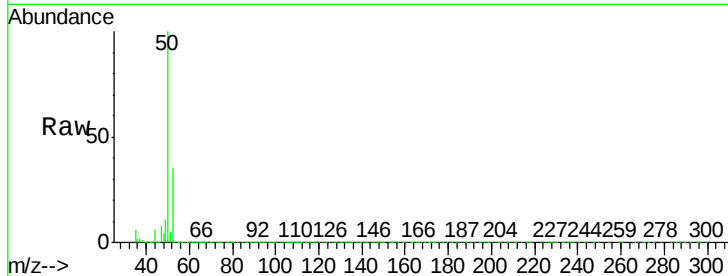
50 100

52 34.5 26.1 39.1

Manual Integrations
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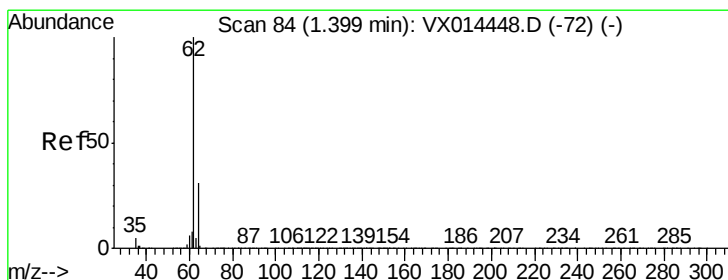
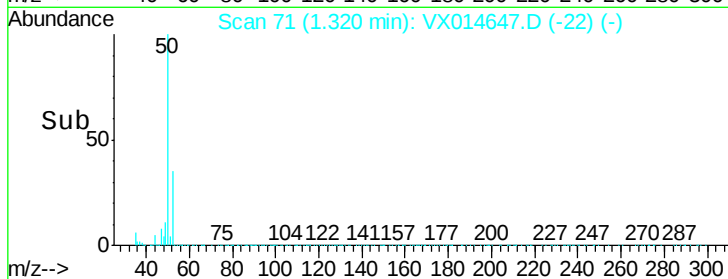
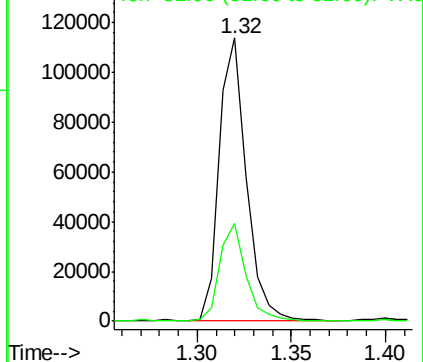
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 19.686 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX014647.D

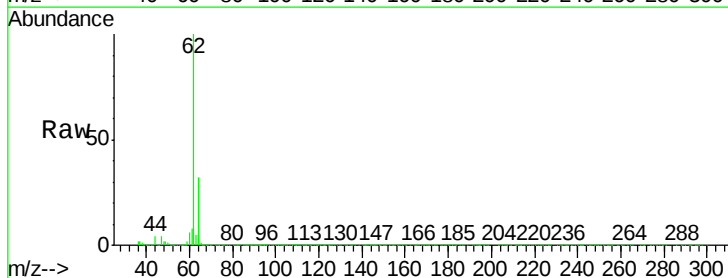
Acq: 17 Jan 2020 12:05

Tgt Ion: 62 Resp: 129700

Ion Ratio Lower Upper

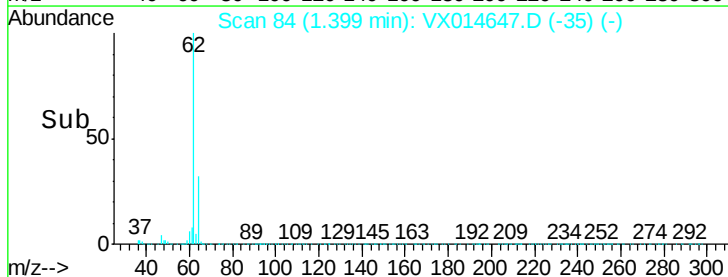
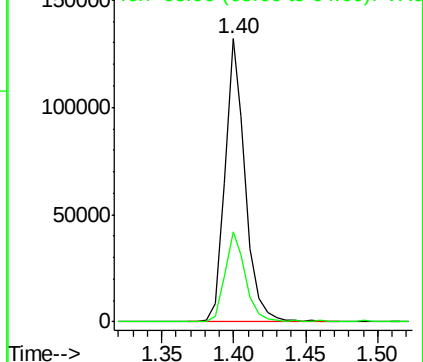
62 100

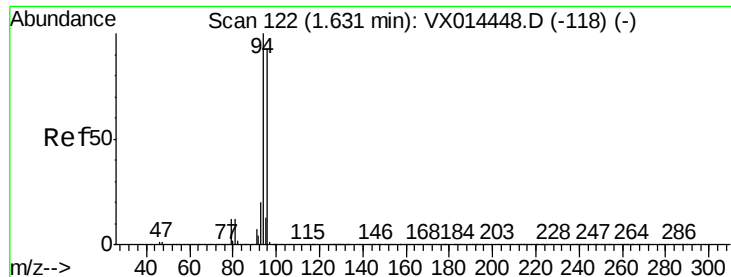
64 31.6 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 17.032 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX014647.D

Acq: 17 Jan 2020 12:05

Instrument :

MSVOA_X

ClientSampleId :

VX0117WBS01

Tot Ion: 94 Resp: 74380

Ion Ratio Lower Upper

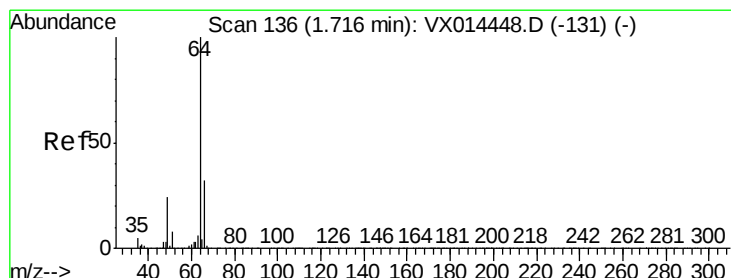
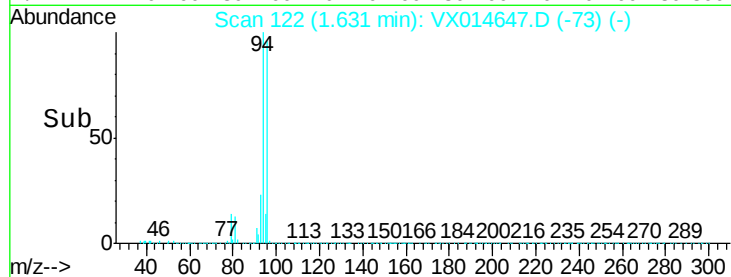
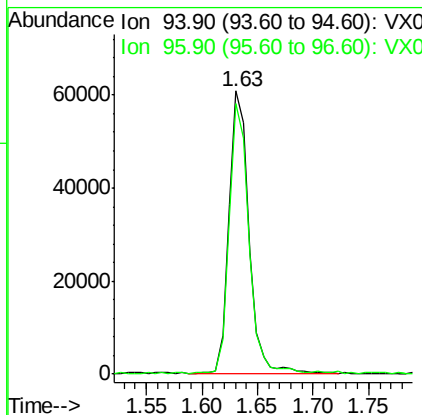
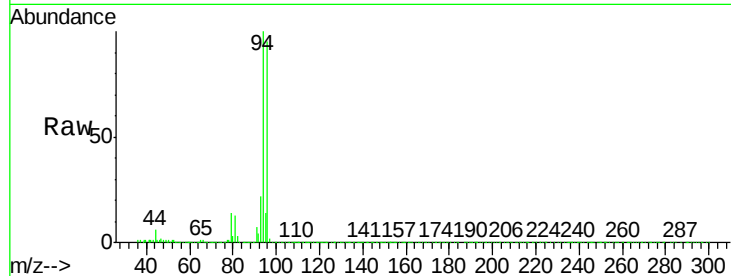
94 100

96 95.4 74.2 111.2

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#6

Chloroethane

Concen: 19.370 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX014647.D

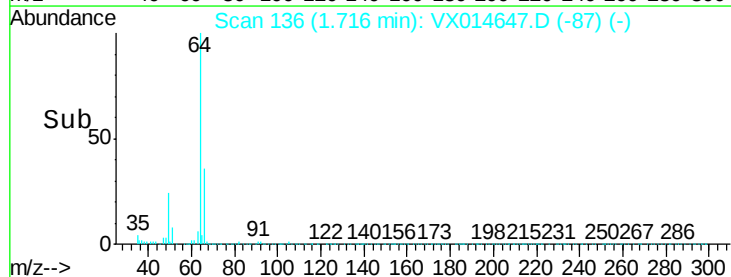
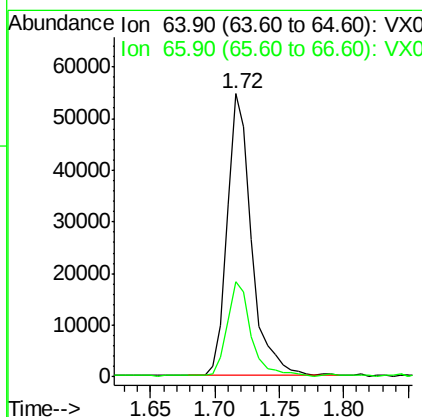
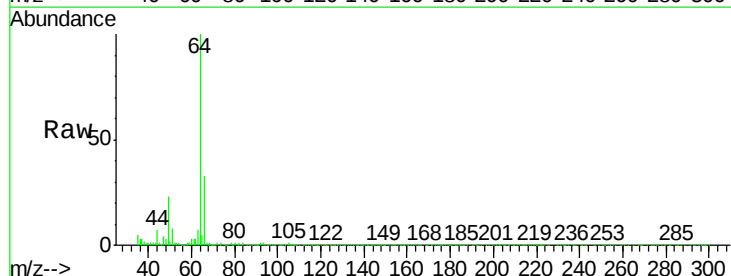
Acq: 17 Jan 2020 12:05

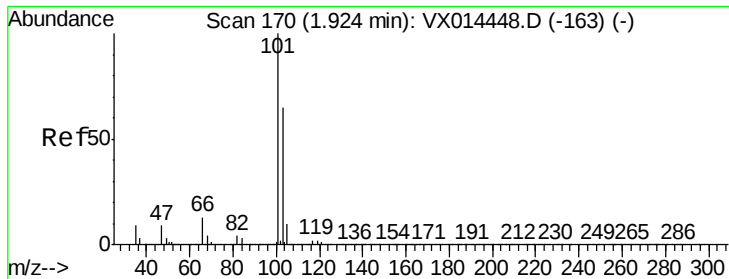
Tgt Ion: 64 Resp: 72375

Ion Ratio Lower Upper

64 100

66 33.2 25.3 37.9





#7

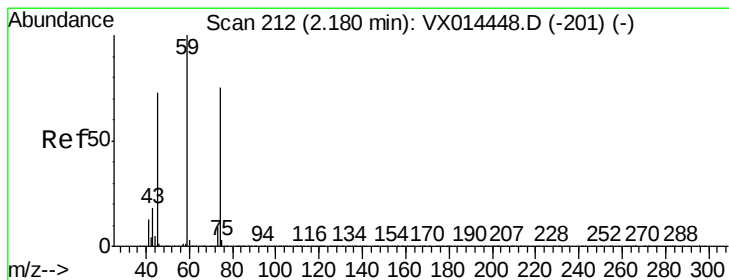
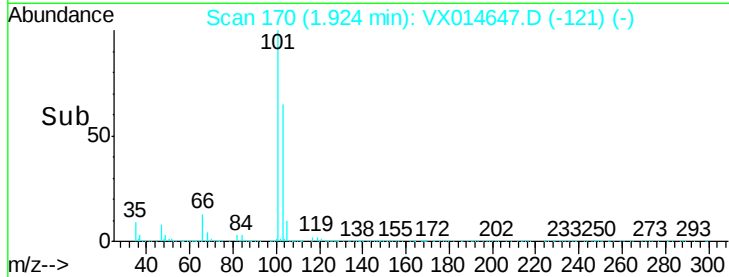
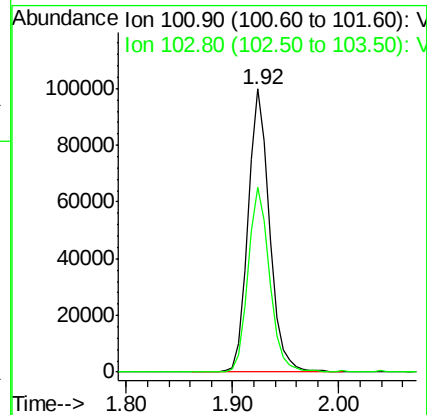
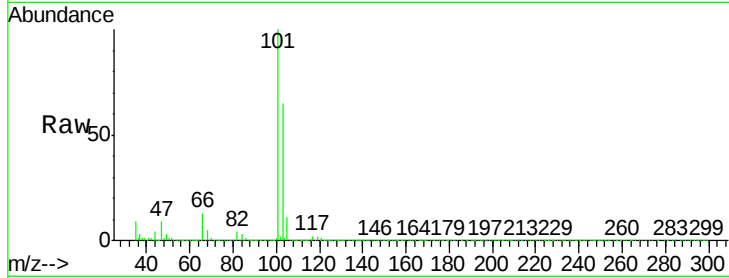
Trichlorofluoromethane
Concen: 19.016 ug/l
RT: 1.92 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX014647.D
Acq: 17 Jan 2020 12:05

Instrument :
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ClientSampleId :
VX0117WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.2	52.2	78.4

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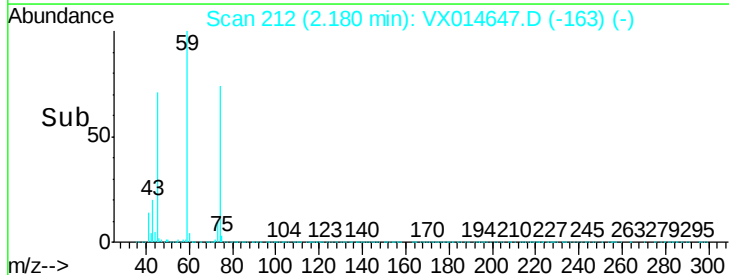
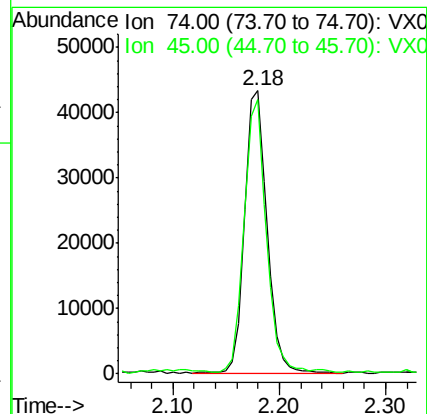
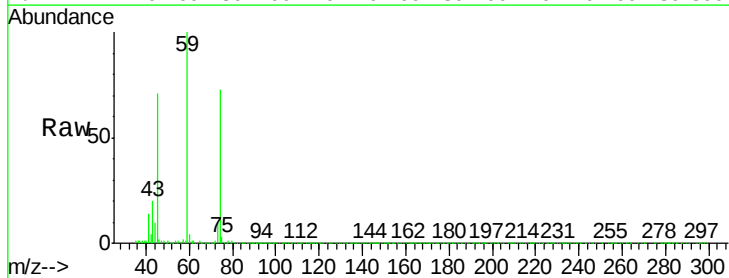
MMDadoda
1/20/2020 11:19:45 AM

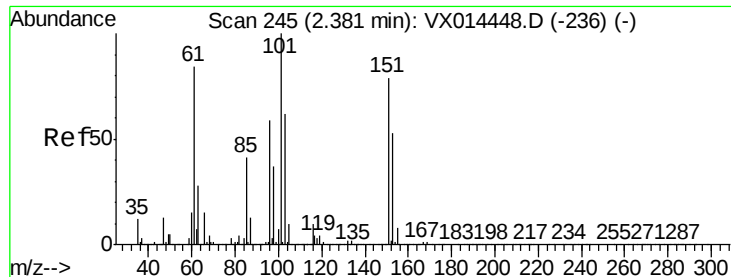


#8

Diethyl Ether
Concen: 19.089 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX014647.D
Acq: 17 Jan 2020 12:05

Tgt Ion	Ratio	Lower	Upper
74	100		
45	93.8	48.7	146.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.000 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX014647.D

Acq: 17 Jan 2020 12:05

Instrument :

MSVOA_X

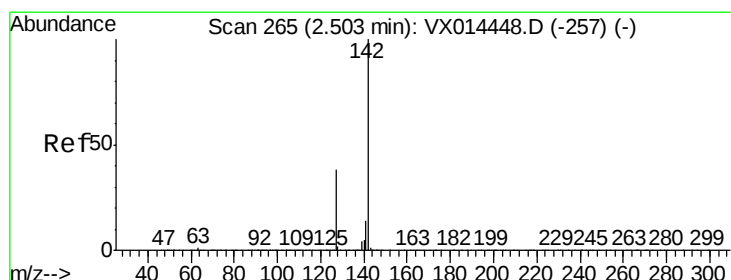
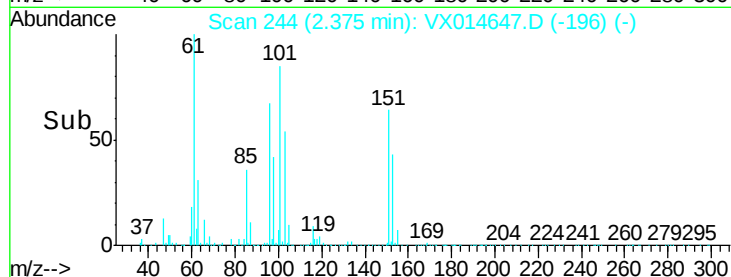
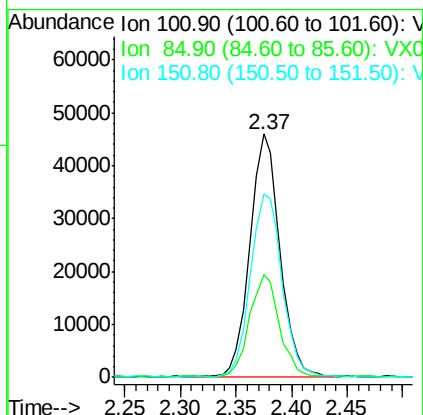
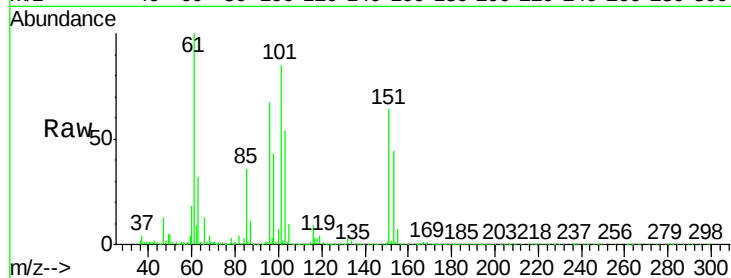
ClientSampleId :

VX0117WBS01

Tot Ion:	101	Resp:	86390
Ion Ratio	Lower	Upper	
101	100		
85	42.4	33.8	50.8
151	79.3	65.3	97.9

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#10

Methyl Iodide

Concen: 18.036 ug/l

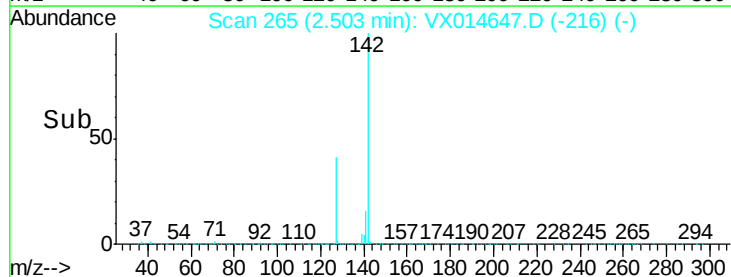
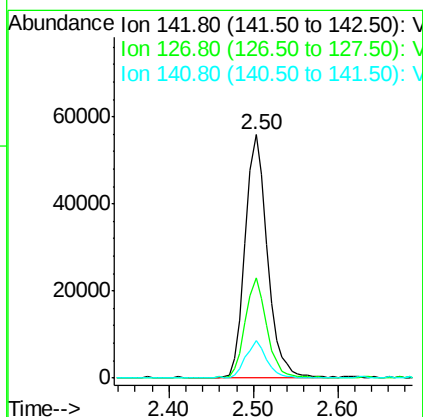
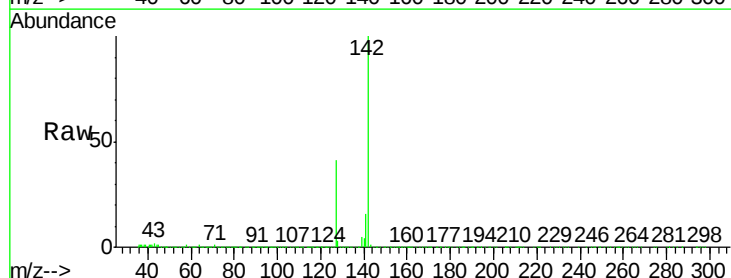
RT: 2.50 min Scan# 265

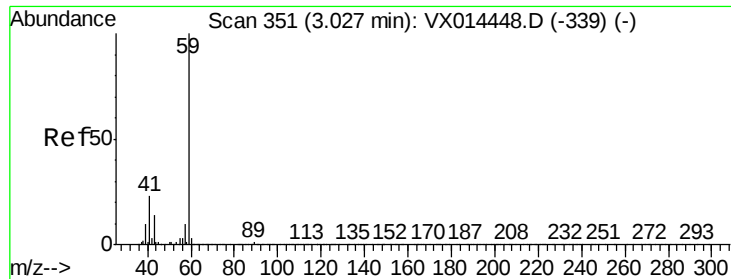
Delta R.T. -0.00 min

Lab File: VX014647.D

Acq: 17 Jan 2020 12:05

Tgt Ion:	142	Resp:	98198
Ion Ratio	Lower	Upper	
142	100		
127	39.8	31.2	46.8
141	14.3	11.4	17.2





#11

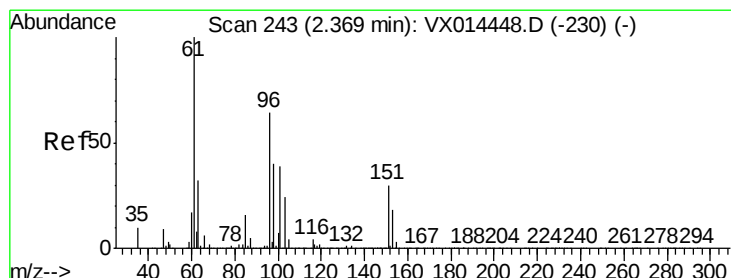
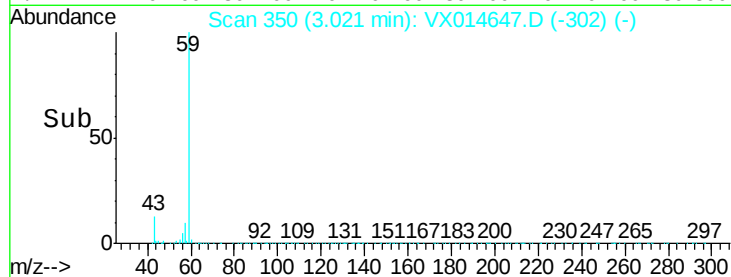
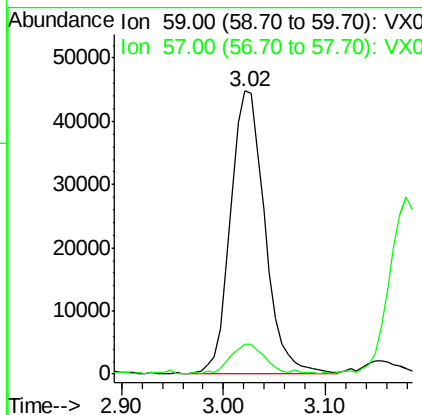
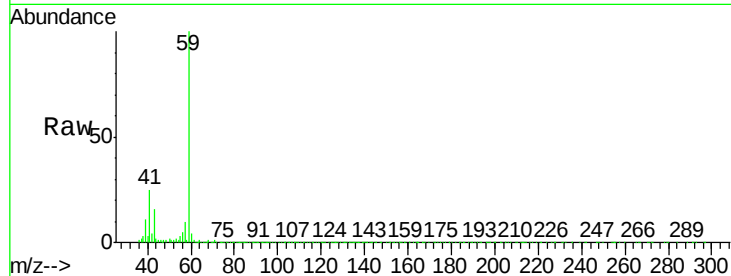
Tert butyl alcohol
 Concen: 96.941 ug/l
 RT: 3.02 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VX014647.D
 Acq: 17 Jan 2020 12:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0117WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.6	8.5	12.7

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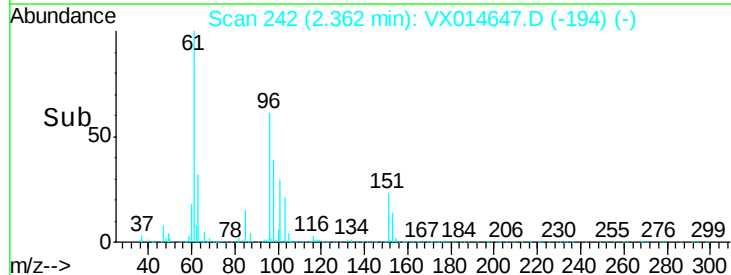
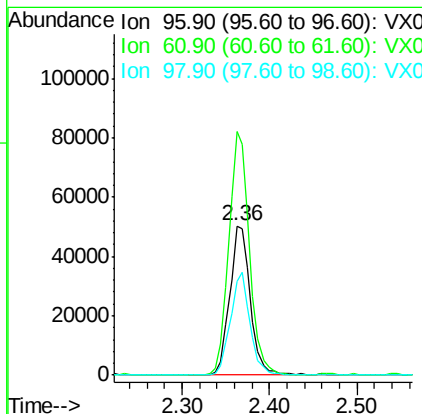
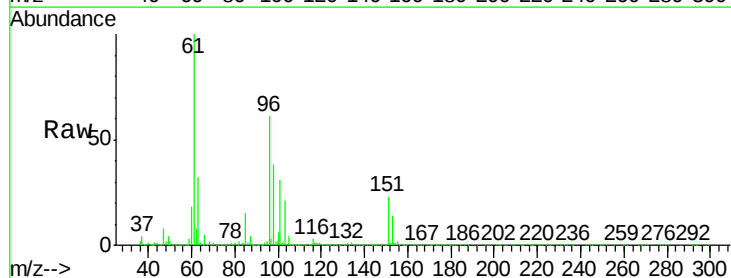
MMDadoda
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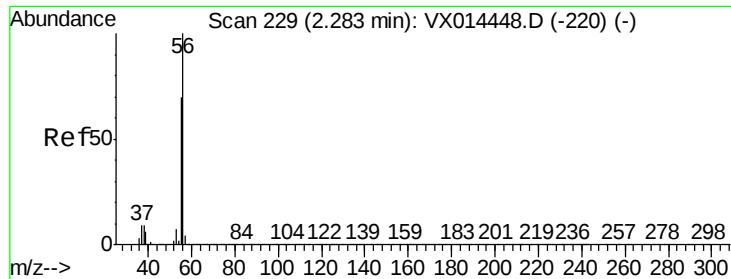


#12

1,1-Dichloroethene
 Concen: 18.128 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. -0.01 min
 Lab File: VX014647.D
 Acq: 17 Jan 2020 12:05

Tgt Ion	Ratio	Lower	Upper
96	100		
61	162.8	125.0	187.6
98	62.6	50.2	75.2





#13

Acrolein

Concen: 69.469 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX014647.D

Acq: 17 Jan 2020 12:05

Instrument :

MSVOA_X

ClientSampleId :

VX0117WBS01

Tot Ion: 56 Resp: 60200

Ion Ratio Lower Upper

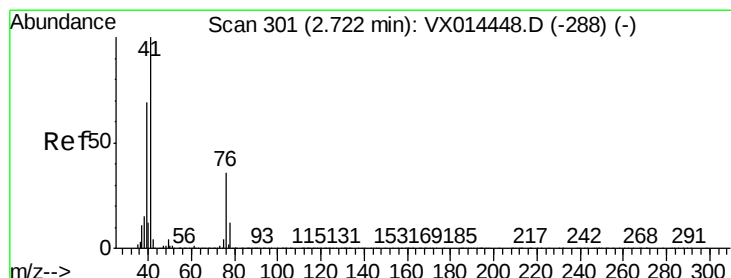
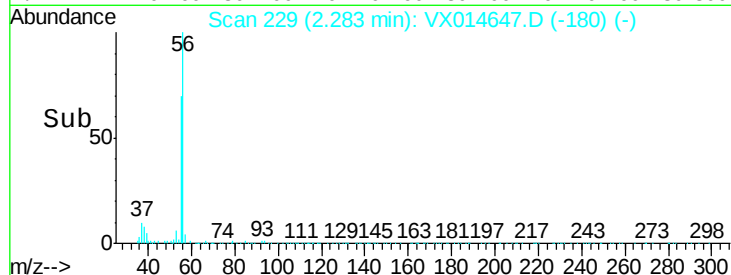
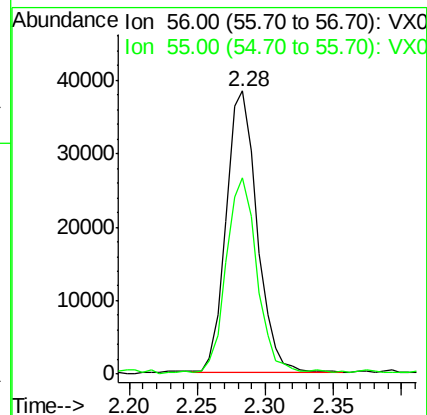
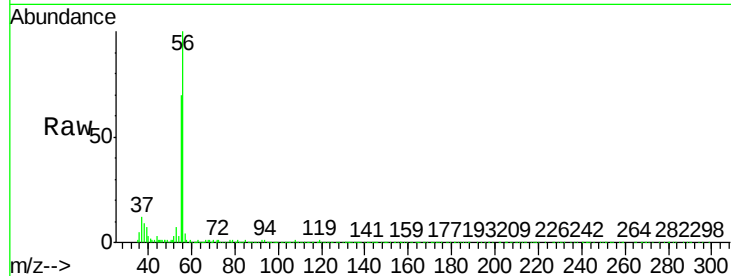
56 100

55 71.4 55.0 82.6

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#14

Allyl chloride

Concen: 18.806 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.01 min

Lab File: VX014647.D

Acq: 17 Jan 2020 12:05

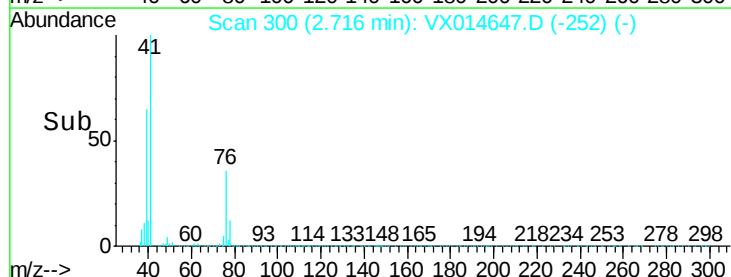
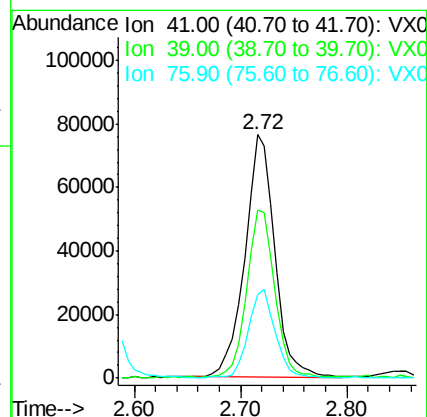
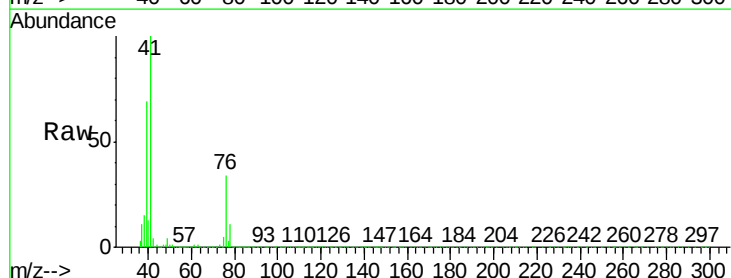
Tgt Ion: 41 Resp: 151253

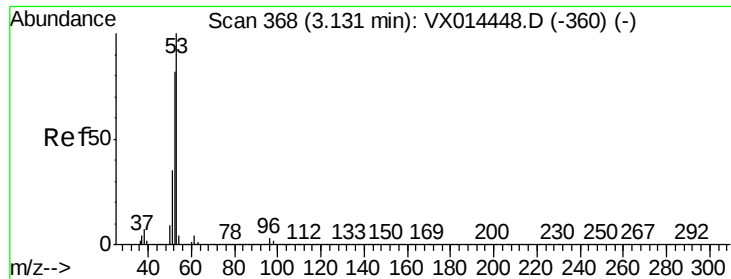
Ion Ratio Lower Upper

41 100

39 64.6 51.7 77.5

76 32.0 26.8 40.2





#15

Acrylonitrile

Concen: 97.886 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX014647.D

Acq: 17 Jan 2020 12:05

Instrument :

MSVOA_X

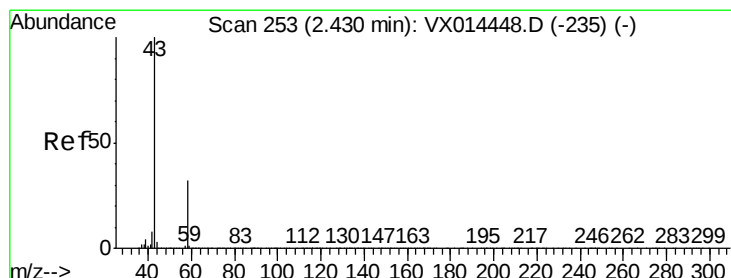
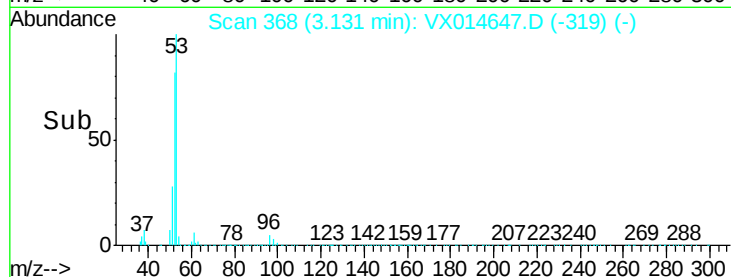
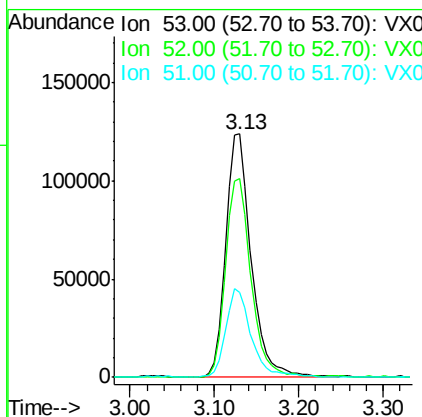
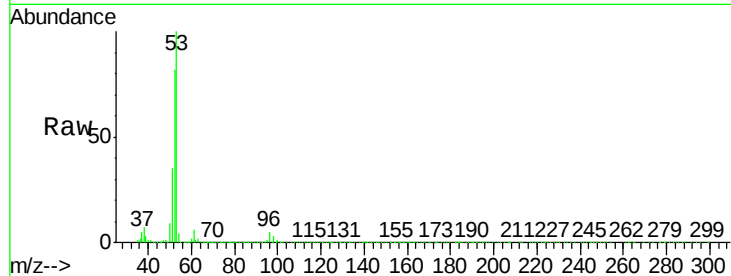
ClientSampleId :

VX0117WBS01

Tot Ion:	53	Resp:	255422
Ion Ratio	Lower	Upper	
53	100		
52	81.7	67.0	100.4
51	35.7	28.5	42.7

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#16

Acetone

Concen: 76.241 ug/l

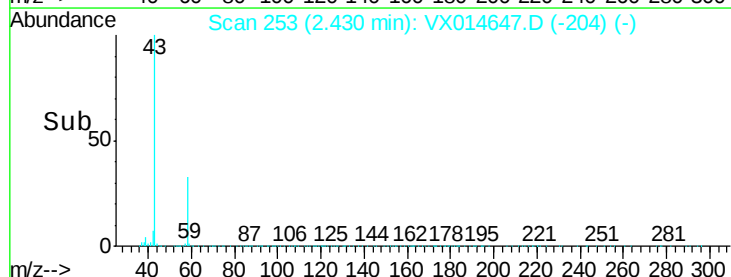
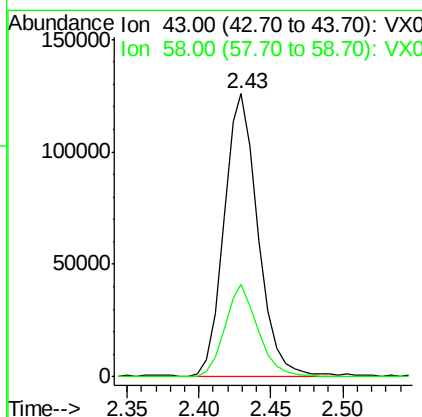
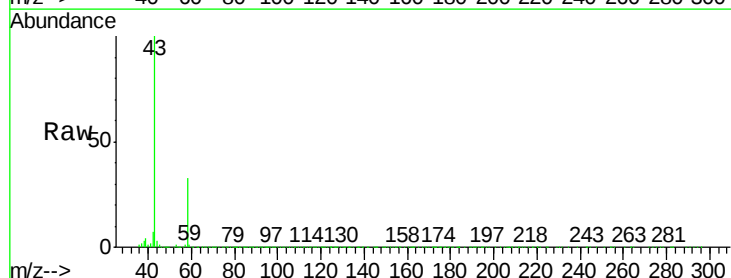
RT: 2.43 min Scan# 253

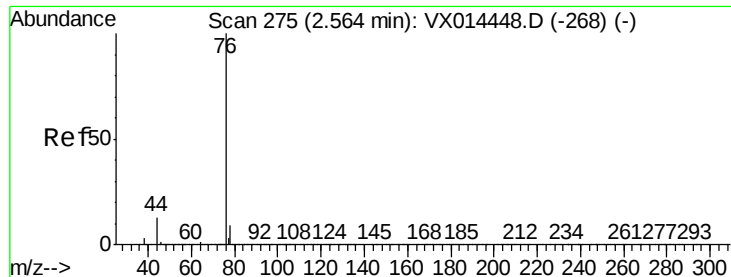
Delta R.T. 0.00 min

Lab File: VX014647.D

Acq: 17 Jan 2020 12:05

Tgt Ion:	43	Resp:	205479
Ion Ratio	Lower	Upper	
43	100		
58	32.6	25.4	38.0





#17

Carbon Disulfide

Concen: 16.665 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.00 min

Lab File: VX014647.D

Acq: 17 Jan 2020 12:05

Instrument :

MSVOA_X

ClientSampleId :

VX0117WBS01

Tot Ion: 76 Resp: 213020

Ion Ratio Lower Upper

76 100

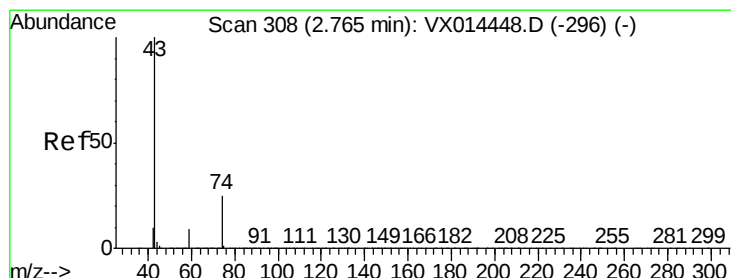
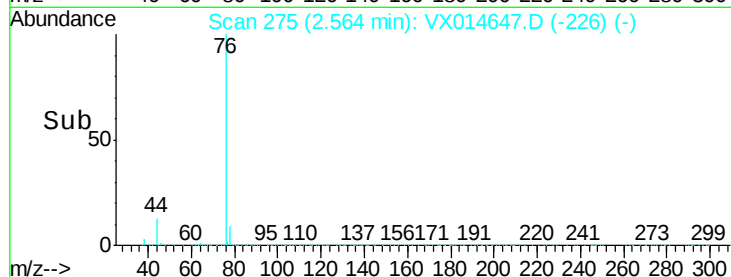
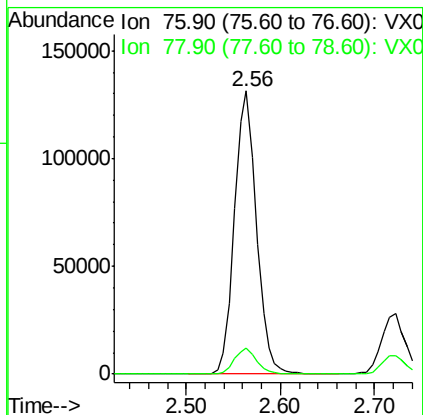
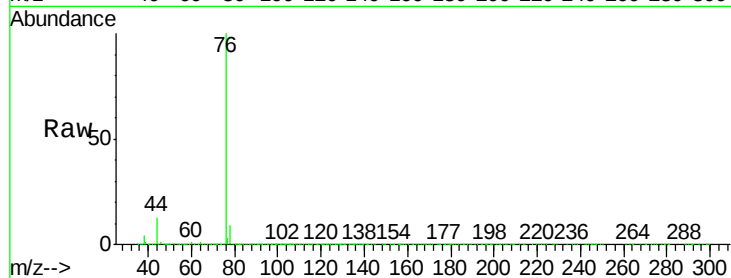
78 9.2 7.4 11.2

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#18

Methyl Acetate

Concen: 20.794 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014647.D

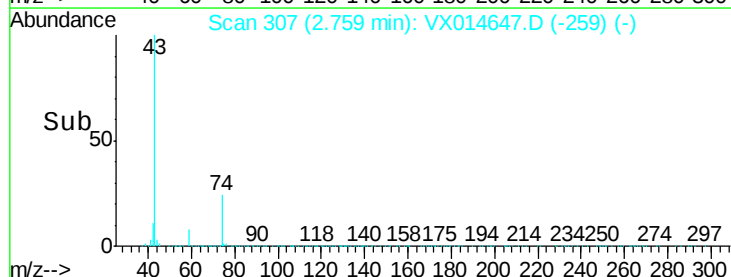
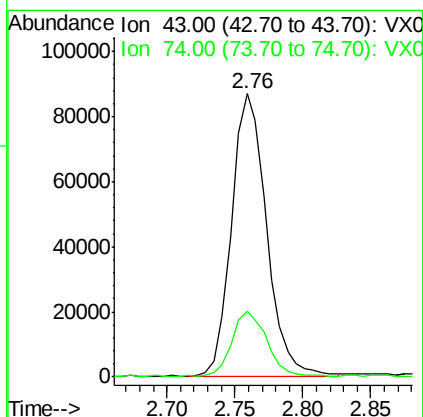
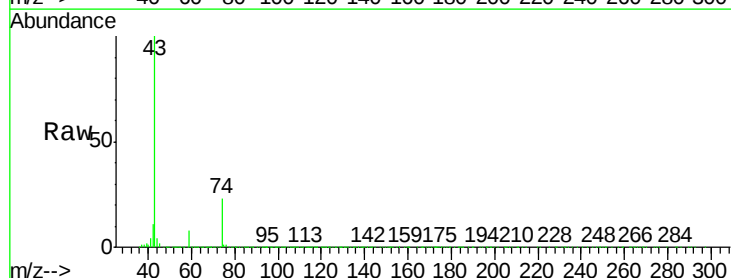
Acq: 17 Jan 2020 12:05

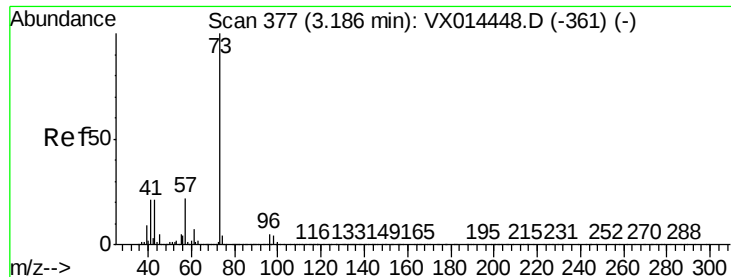
Tgt Ion: 43 Resp: 154751

Ion Ratio Lower Upper

43 100

74 22.8 19.4 29.2





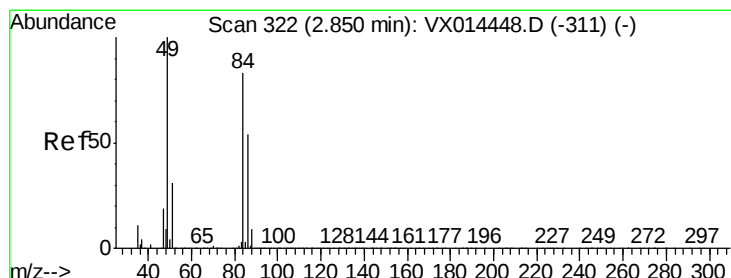
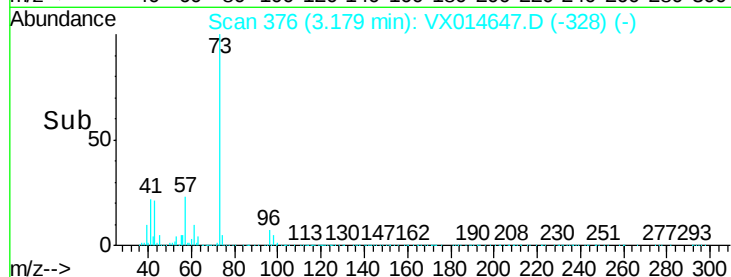
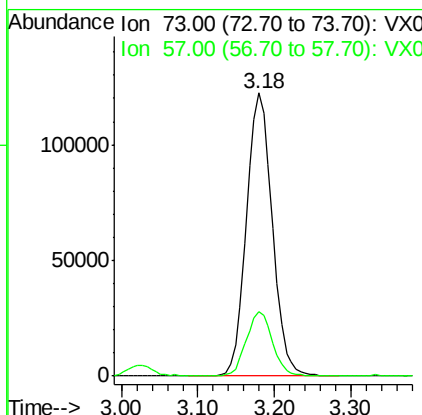
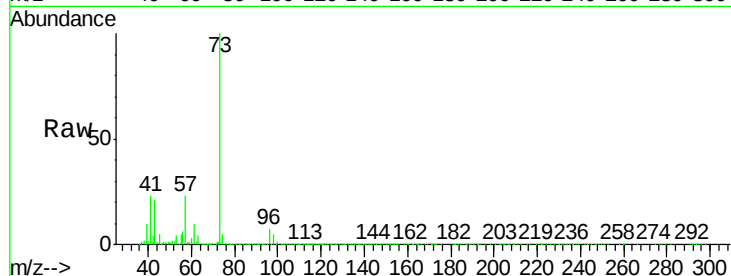
#19
Methyl tert-butyl Ether
Concen: 19.601 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014647.D
Acq: 17 Jan 2020 12:05

Instrument :
MSVOA_X
ClientSampleId :
VX0117WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.6	17.8	26.8

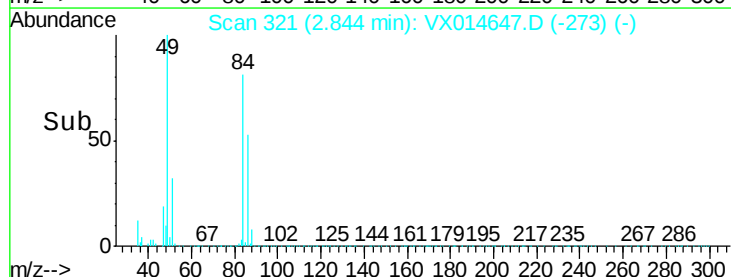
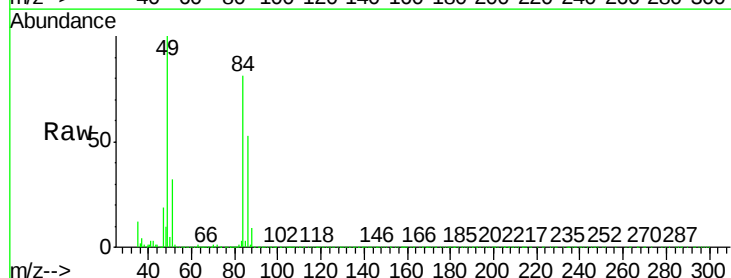
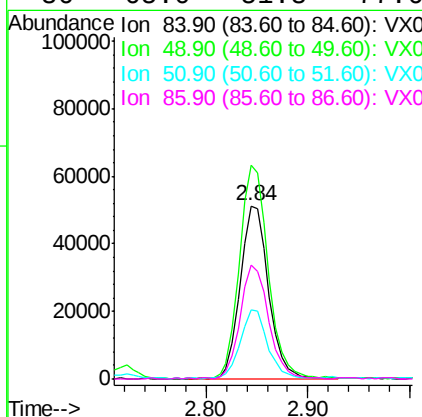
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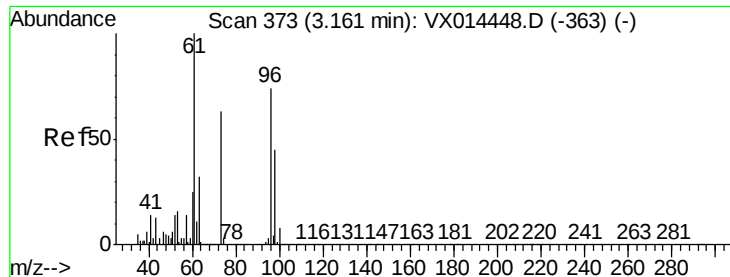
MMDadoda
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#20
Methylene Chloride
Concen: 18.988 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX014647.D
Acq: 17 Jan 2020 12:05

Tgt Ion	Ratio	Lower	Upper
84	100		
49	122.9	95.8	143.8
51	39.5	30.2	45.4
86	65.0	51.8	77.6





#21

trans-1,2-Dichloroethene

Concen: 18.399 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX014647.D

Acq: 17 Jan 2020 12:05

Instrument :

MSVOA_X

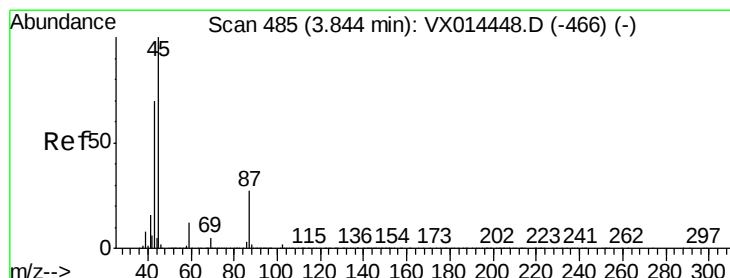
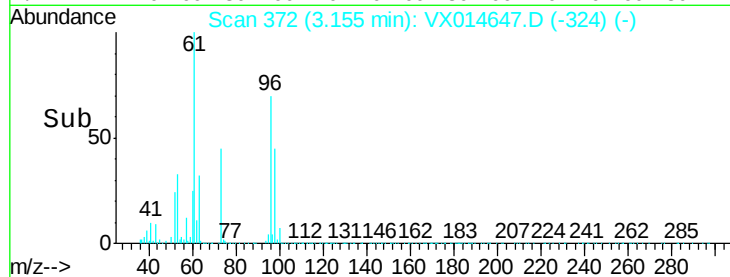
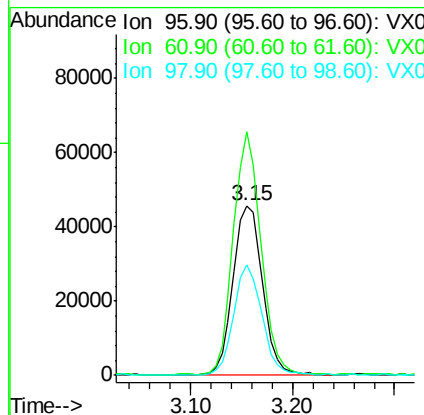
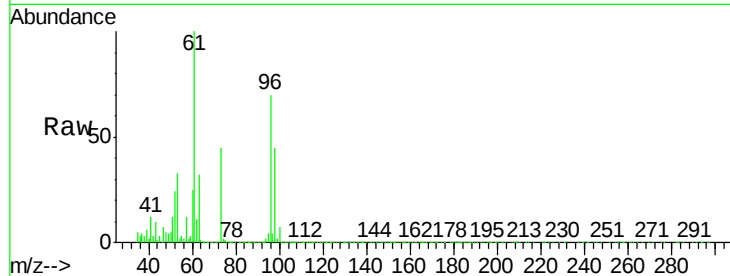
ClientSampleId :

VX0117WBS01

Tot Ion:	96	Resp:	92017
Ion	Ratio	Lower	Upper
96	100		
61	142.9	108.2	162.4
98	64.8	48.8	73.2

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#22

Diisopropyl ether

Concen: 20.480 ug/l

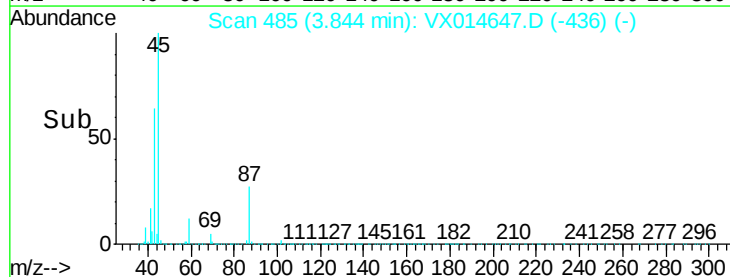
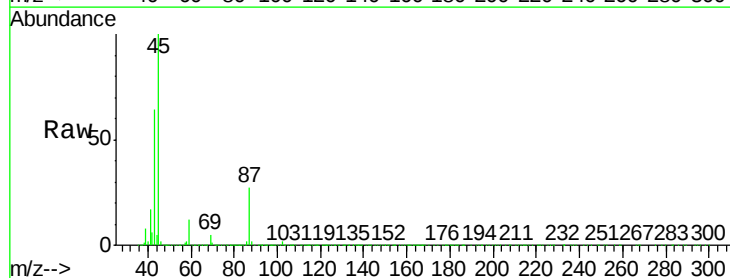
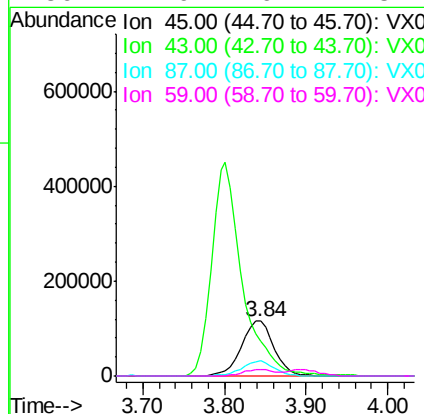
RT: 3.84 min Scan# 485

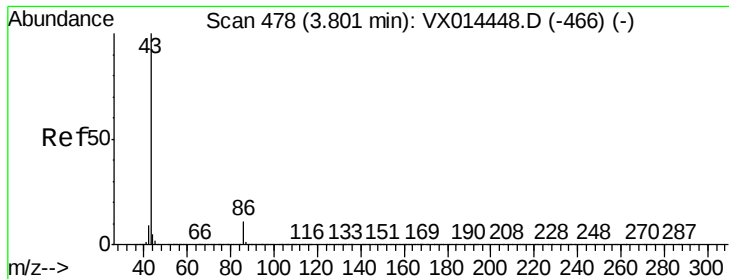
Delta R.T. -0.00 min

Lab File: VX014647.D

Acq: 17 Jan 2020 12:05

Tgt Ion:	45	Resp:	318315
Ion	Ratio	Lower	Upper
45	100		
43	63.0	55.8	83.6
87	27.3	21.8	32.8
59	11.9	9.1	13.7





#23

Vinyl Acetate

Concen: 98.234 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX014647.D

Acq: 17 Jan 2020 12:05

Instrument :

MSVOA_X

ClientSampleId :

VX0117WBS01

Tot Ion: 43 Resp: 1182120

Ion Ratio Lower Upper

43 100

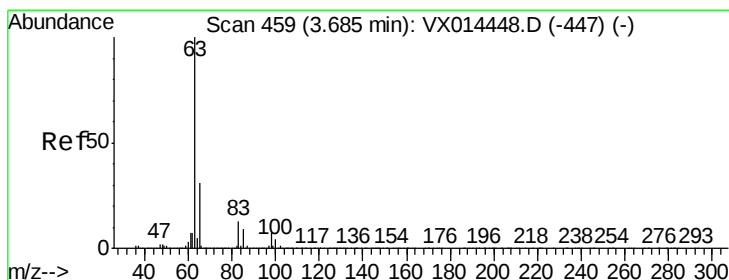
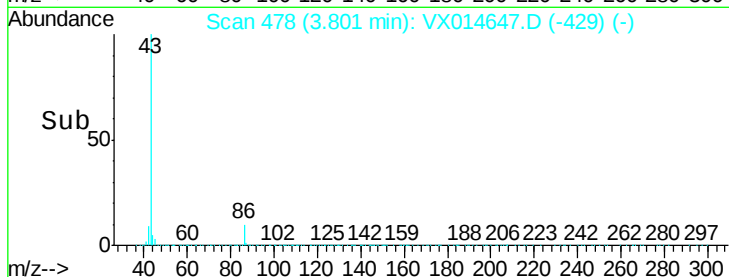
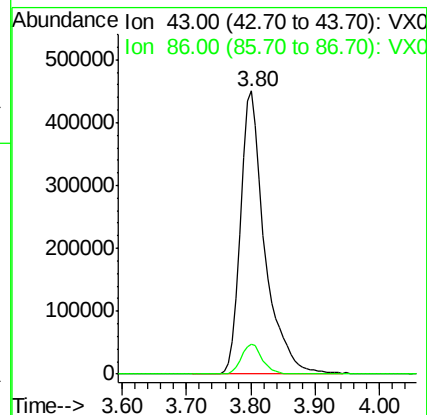
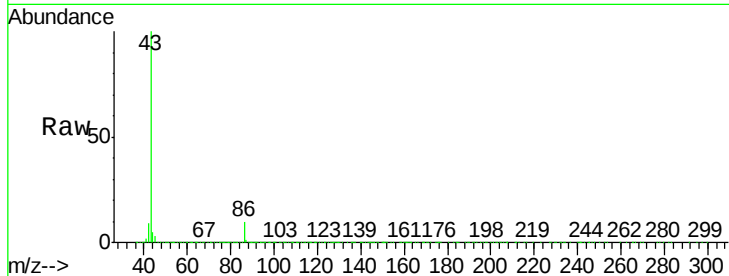
86 10.5 8.4 12.6

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#24

1,1-Dichloroethane

Concen: 19.702 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX014647.D

Acq: 17 Jan 2020 12:05

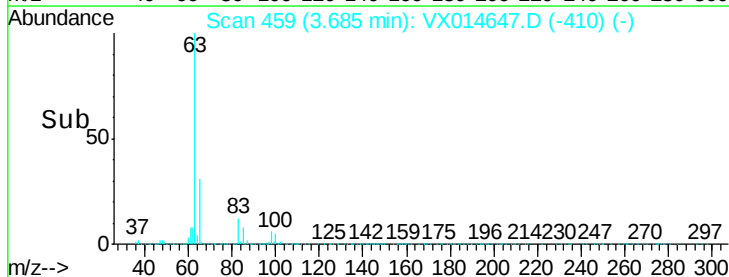
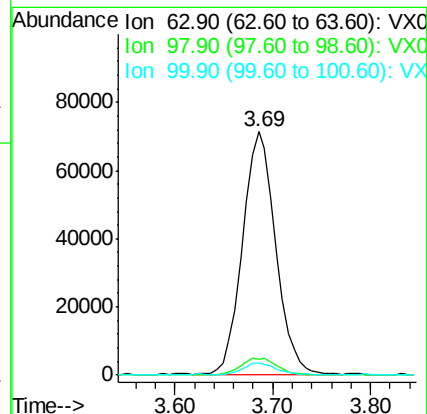
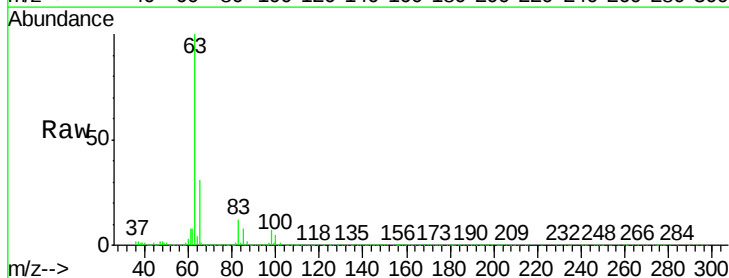
Tgt Ion: 63 Resp: 166588

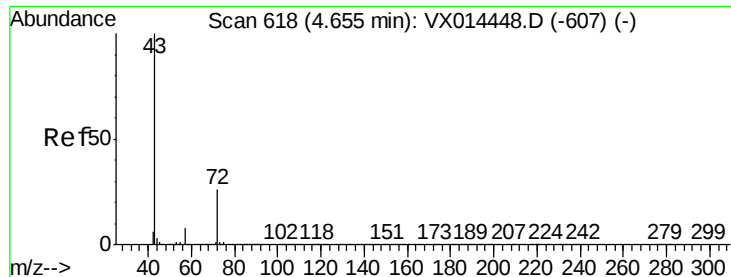
Ion Ratio Lower Upper

63 100

98 6.2 3.6 10.9

100 5.0 2.3 6.8





#25

2-Butanone

Concen: 90.269 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.00 min

Lab File: VX014647.D

Acq: 17 Jan 2020 12:05

Instrument :

MSVOA_X

ClientSampleId :

VX0117WBS01

Tot Ion: 43 Resp: 349142

Ion Ratio Lower Upper

43 100

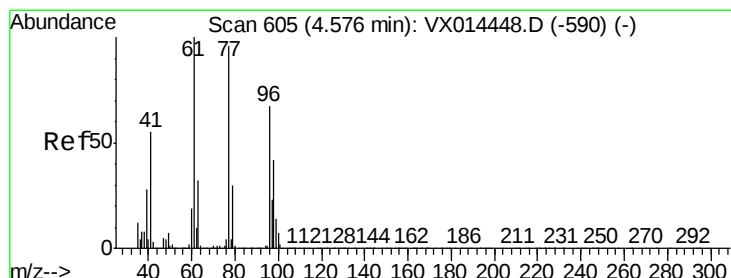
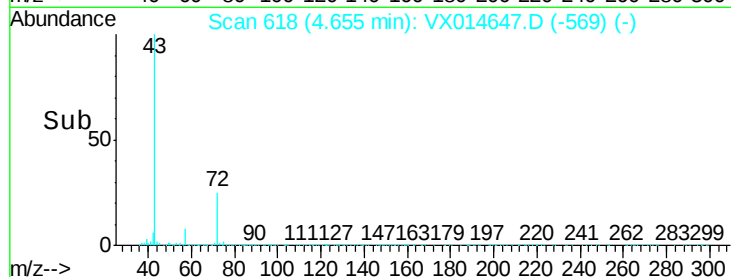
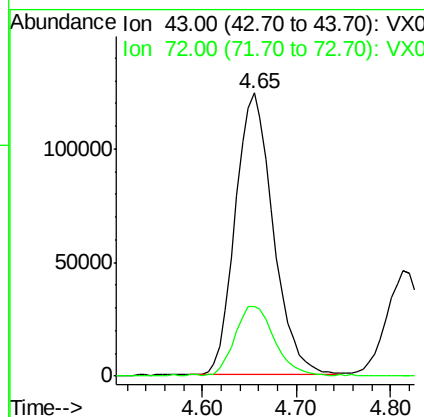
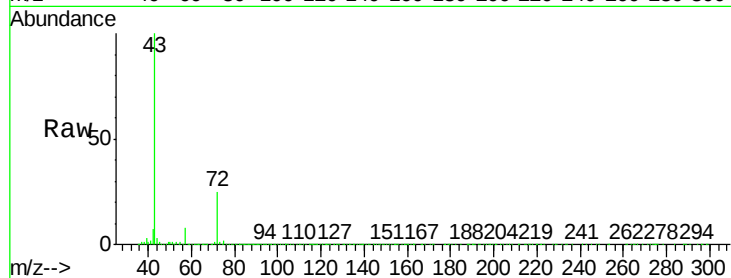
72 24.5 20.6 31.0

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 18.852 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014647.D

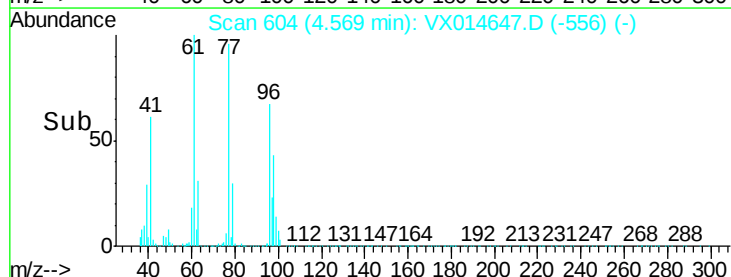
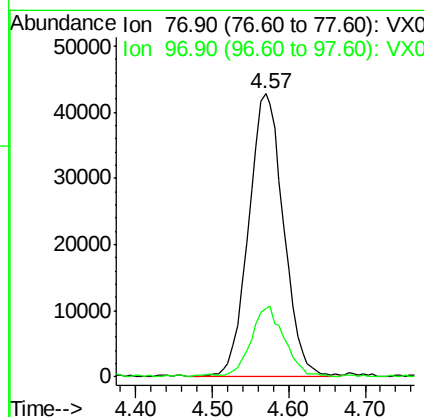
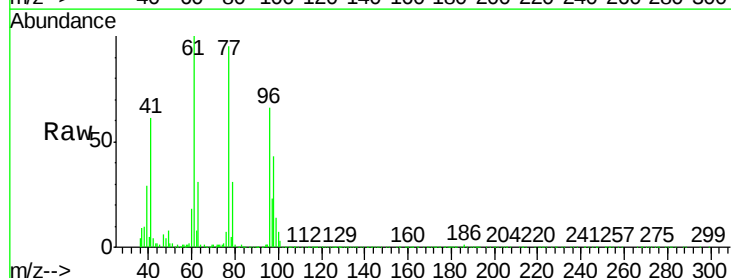
Acq: 17 Jan 2020 12:05

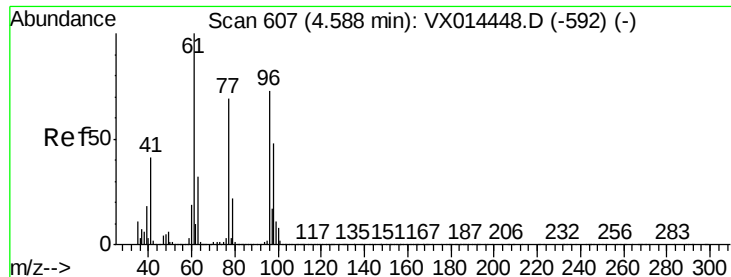
Tgt Ion: 77 Resp: 135031

Ion Ratio Lower Upper

77 100

97 23.3 11.7 35.1





#27

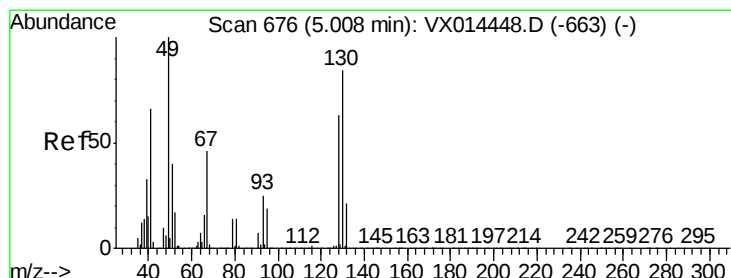
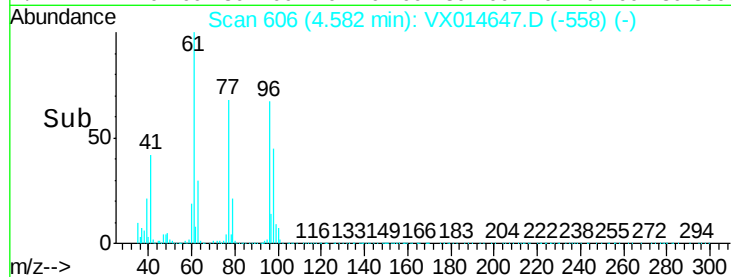
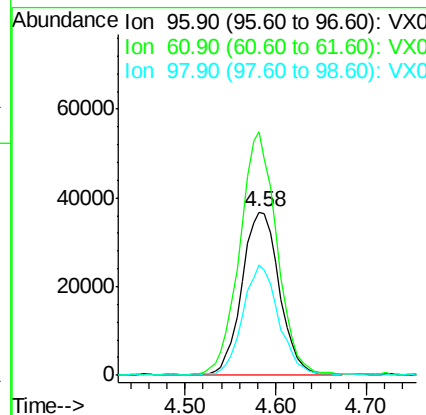
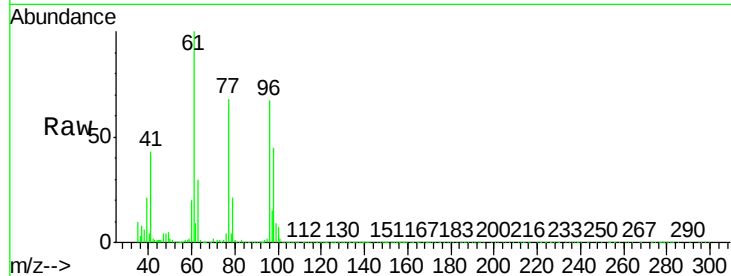
cis-1,2-Dichloroethene
Concen: 18.844 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX014647.D
Acq: 17 Jan 2020 12:05

Instrument :
MSVOA_X
ClientSampleId :
VX0117WBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	105351		
61	146.3	0.0	285.4	
98	64.0	0.0	130.6	

Manual Integrations
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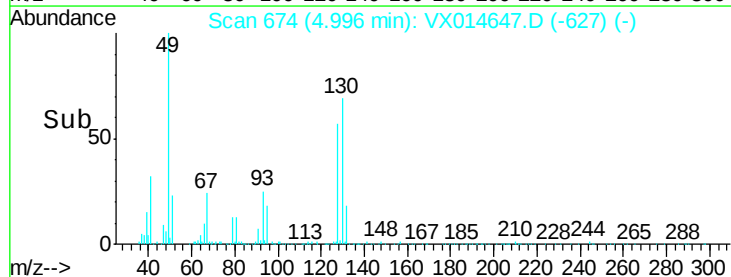
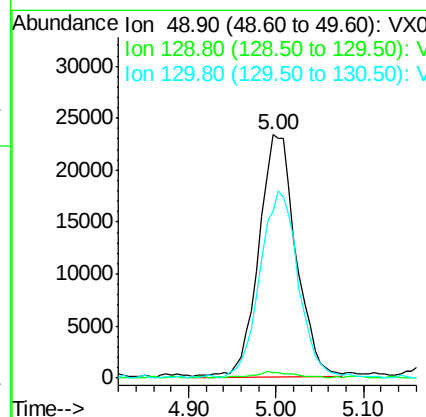
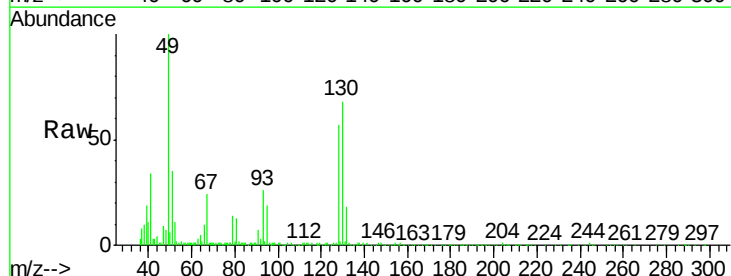
MMDadoda
1/20/2020 11:19:45 AM

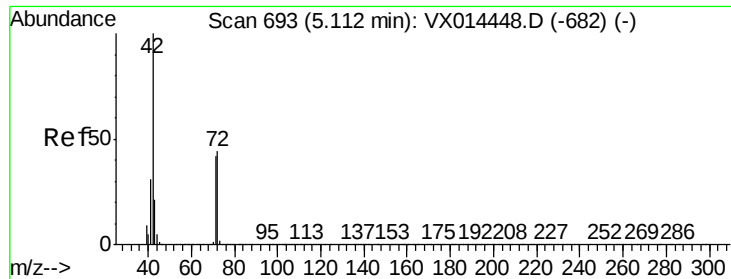


#28

Bromochloromethane
Concen: 19.513 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX014647.D
Acq: 17 Jan 2020 12:05

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	69521		
129	3.0	0.0	4.4	
130	79.5	67.0	100.4	





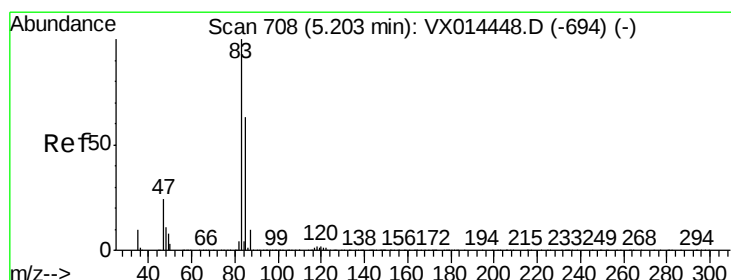
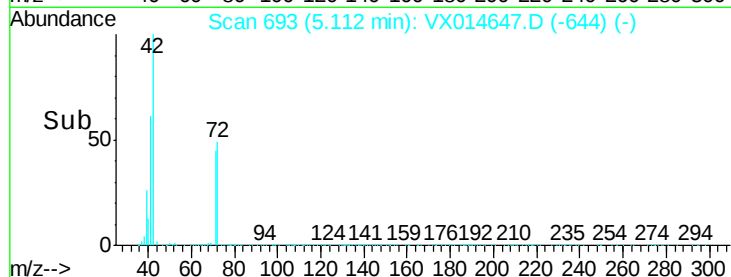
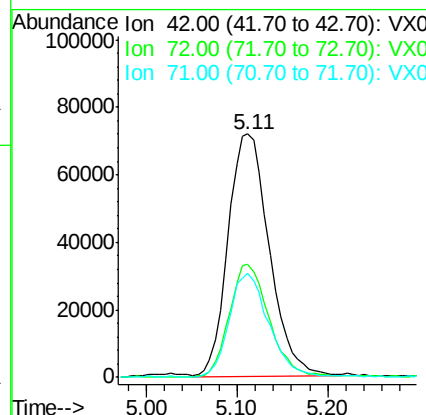
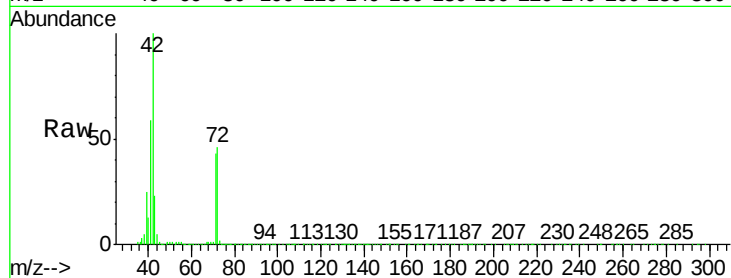
#29
Tetrahydrofuran
Concen: 98.676 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.00 min
Lab File: VX014647.D
Acq: 17 Jan 2020 12:05

Instrument :
MSVOA_X
ClientSampleId :
VX0117WBS01

Tot Ion:	42	Resp:	225653
Ion Ratio		Lower	Upper
42	100		
72	46.0	36.2	54.4
71	41.5	34.1	51.1

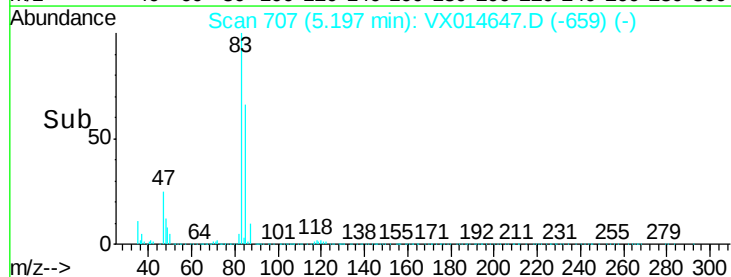
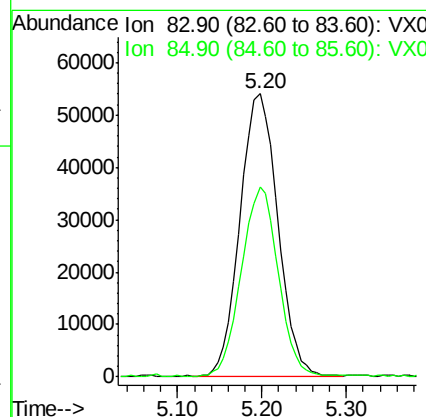
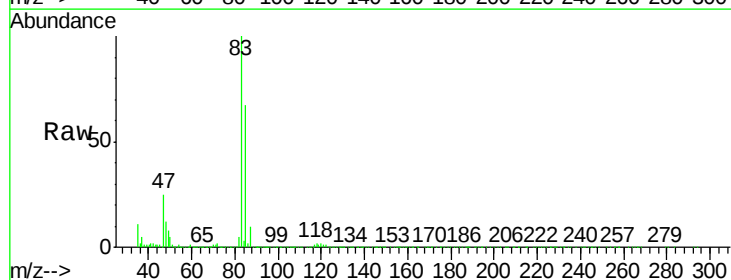
Manual Integrations
APPROVED

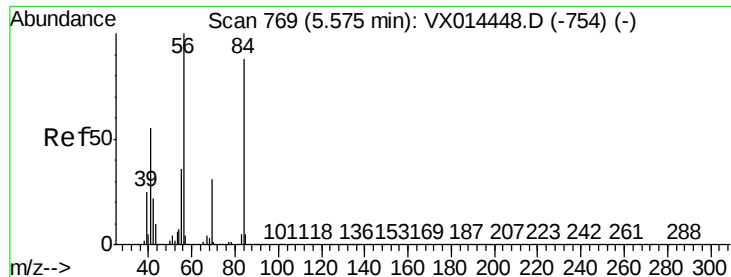
MMDadoda
1/20/2020 11:19:45 AM



#30
Chloroform
Concen: 19.835 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX014647.D
Acq: 17 Jan 2020 12:05

Tgt Ion:	83	Resp:	163886
Ion Ratio		Lower	Upper
83	100		
85	67.5	50.6	75.8





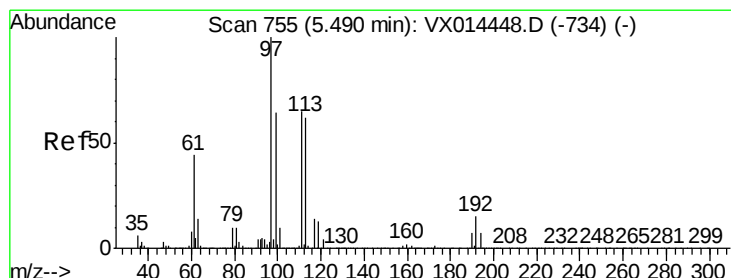
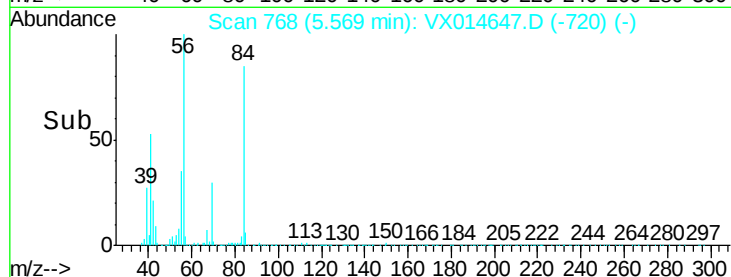
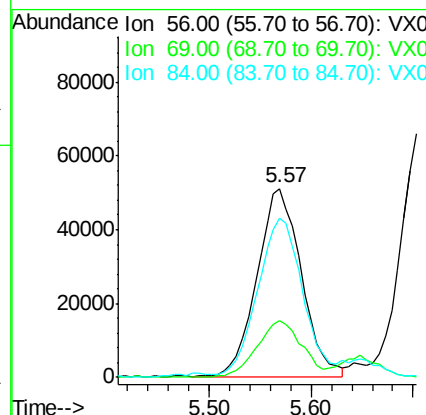
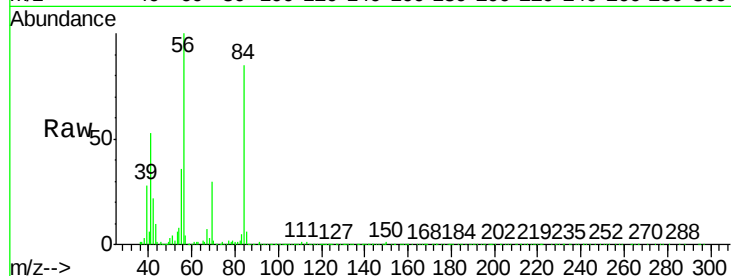
#31
Cyclohexane
Concen: 19.382 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.01 min
Lab File: VX014647.D
Acq: 17 Jan 2020 12:05

Instrument :
MSVOA_X
ClientSampleId :
VX0117WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.9	24.4	36.6
84	82.8	70.6	106.0

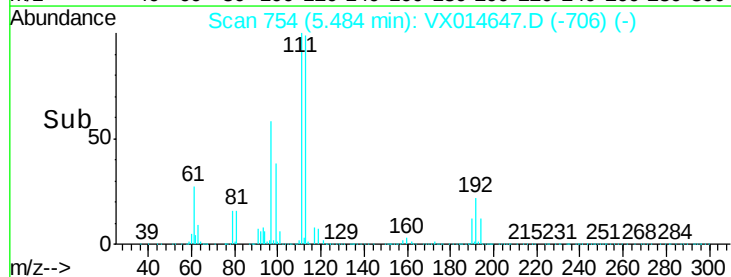
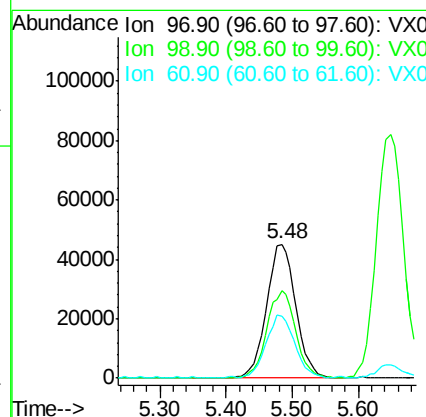
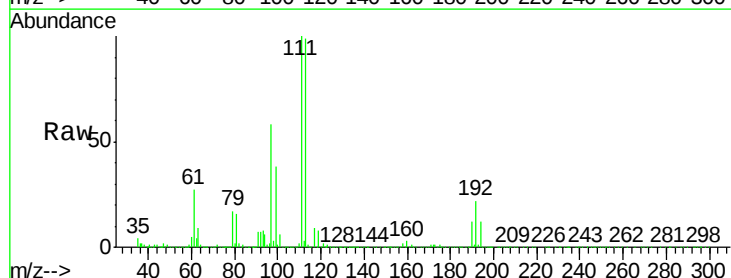
Manual Integrations
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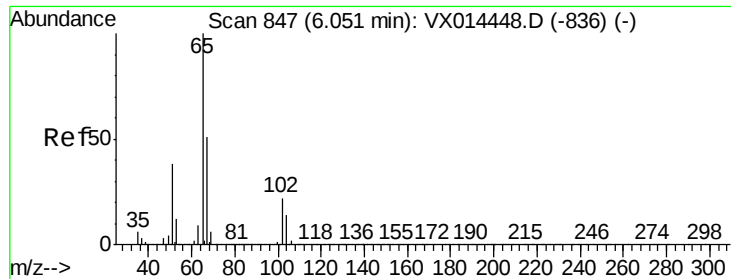
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1/20/2020 11:19:45 AM



#32
1,1,1-Trichloroethane
Concen: 19.415 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014647.D
Acq: 17 Jan 2020 12:05

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.8	77.6
61	45.6	35.9	53.9





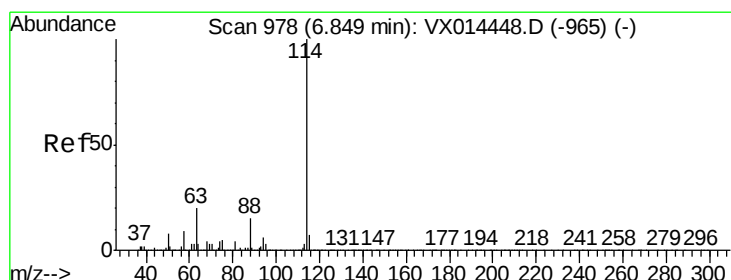
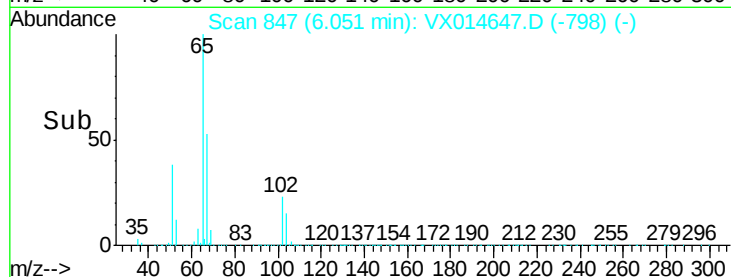
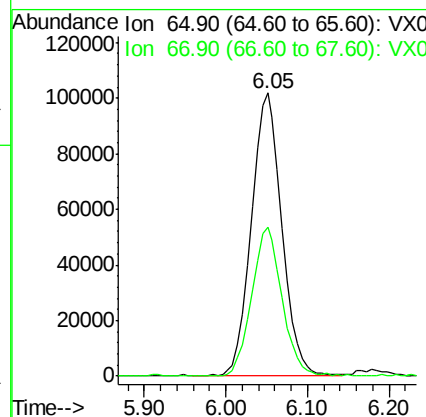
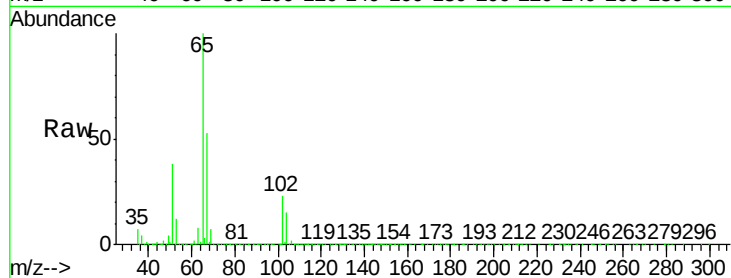
#33
 1,2-Dichloroethane-d4
 Concen: 51.248 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX014647.D
 Acq: 17 Jan 2020 12:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0117WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	265360		
67	52.3	0.0	106.2	

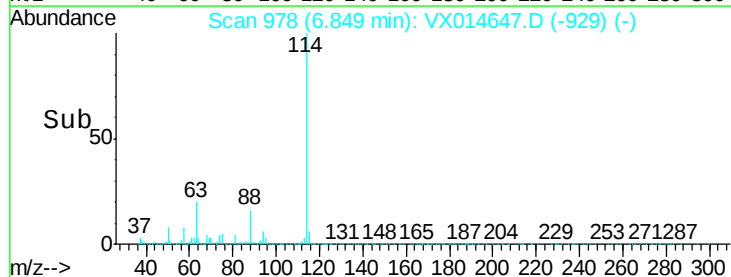
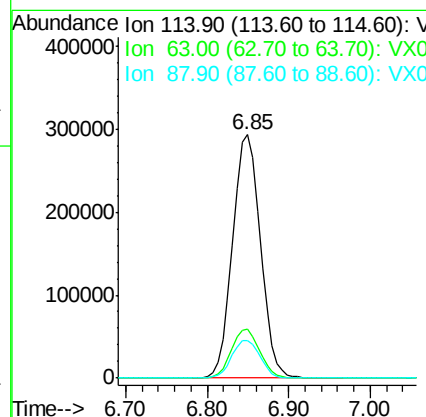
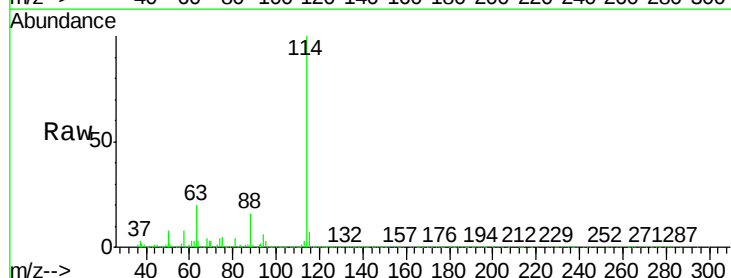
Manual Integrations
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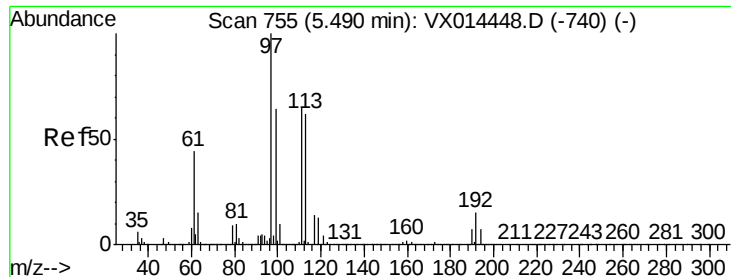
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 1/20/2020 11:19:45 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX014647.D
 Acq: 17 Jan 2020 12:05

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	690821		
63	20.2	0.0	39.6	
88	15.6	0.0	30.8	





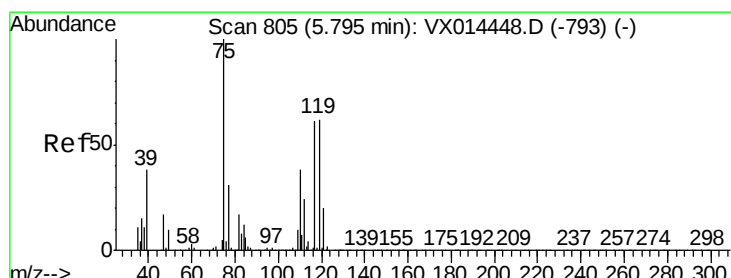
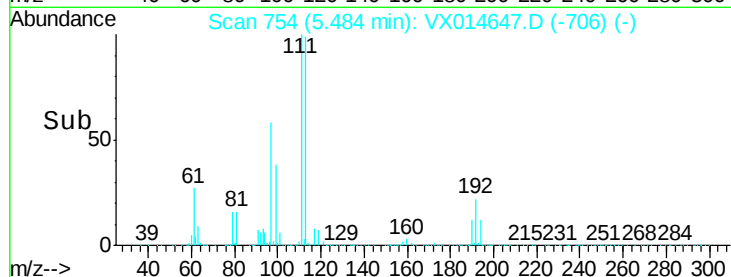
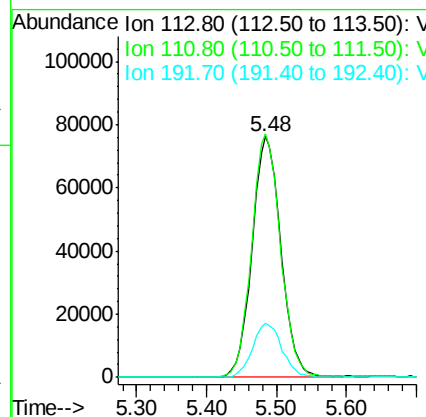
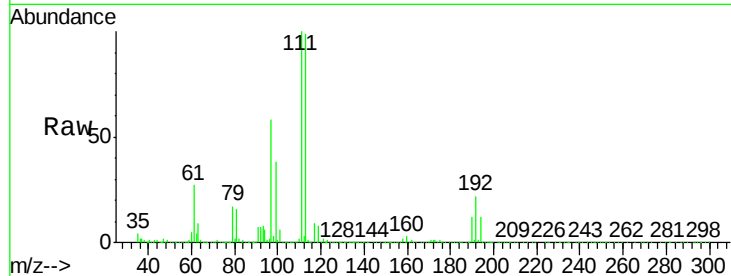
#35
Dibromofluoromethane
Concen: 51.828 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014647.D
Acq: 17 Jan 2020 12:05

Instrument :
MSVOA_X
ClientSampleId :
VX0117WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	216736		
111	101.9	81.5	122.3	
192	23.1	19.2	28.8	

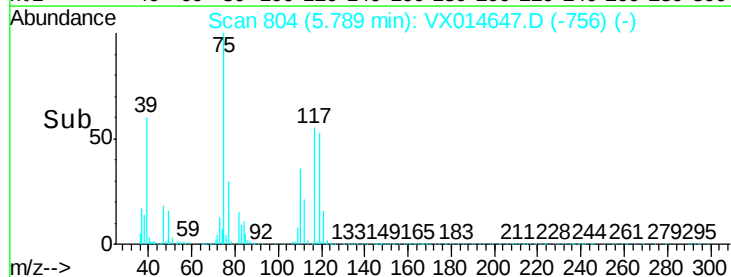
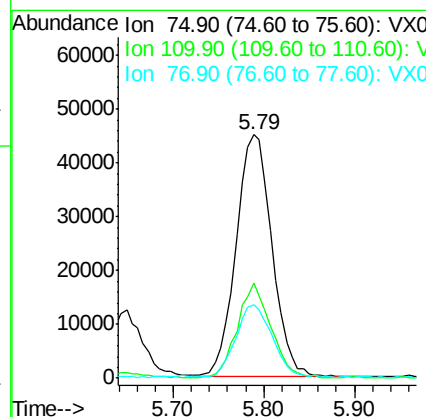
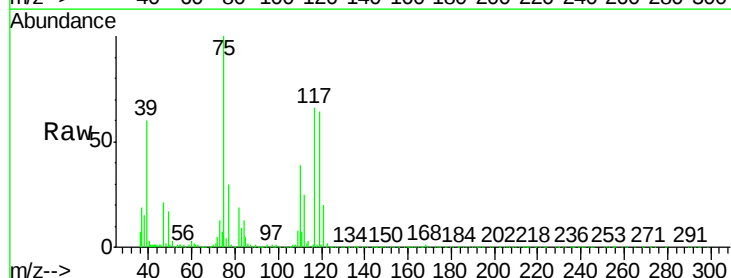
Manual Integrations
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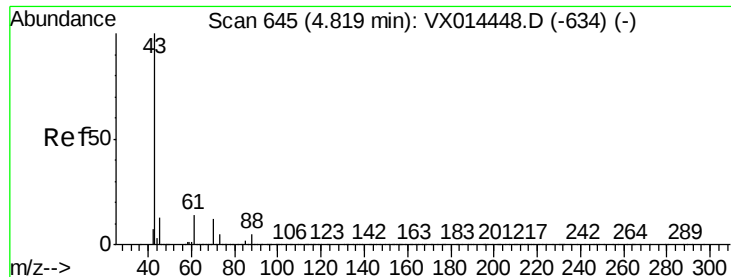
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1/20/2020 11:19:45 AM



#36
1,1-Dichloropropene
Concen: 19.050 ug/l
RT: 5.79 min Scan# 804
Delta R.T. -0.01 min
Lab File: VX014647.D
Acq: 17 Jan 2020 12:05

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	123761		
110	36.6	18.6	55.8	
77	29.6	24.5	36.7	





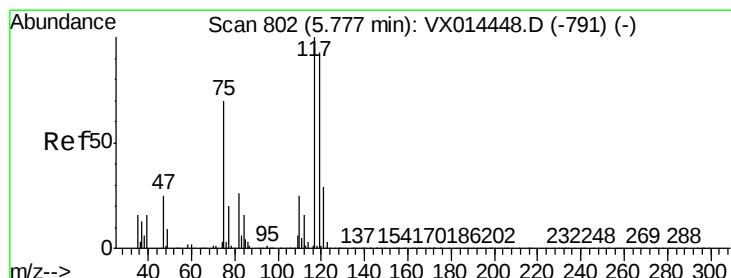
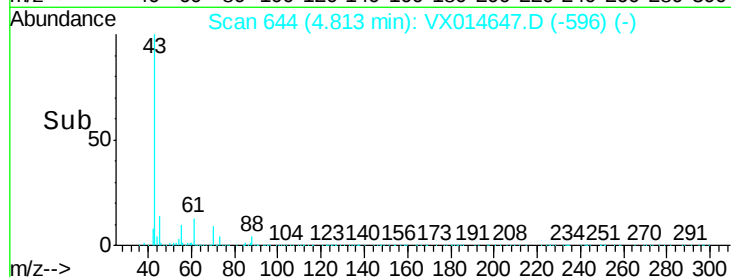
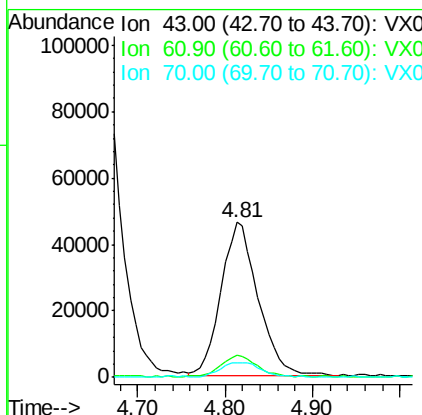
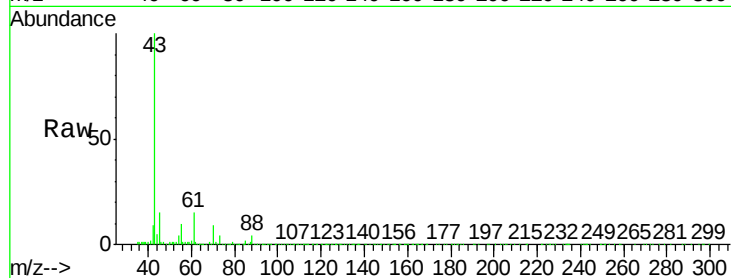
#37
Ethyl Acetate
Concen: 19.097 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014647.D
Acq: 17 Jan 2020 12:05

Instrument :
MSVOA_X
ClientSampleId :
VX0117WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.7	11.1	16.7
70	10.6	8.9	13.3

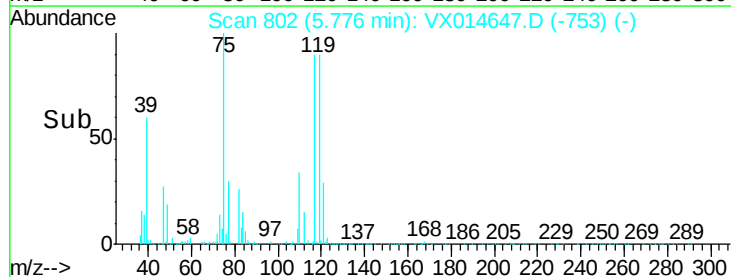
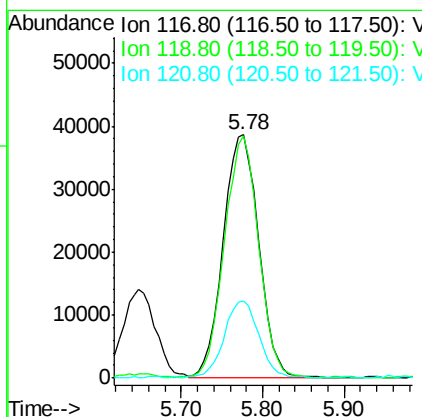
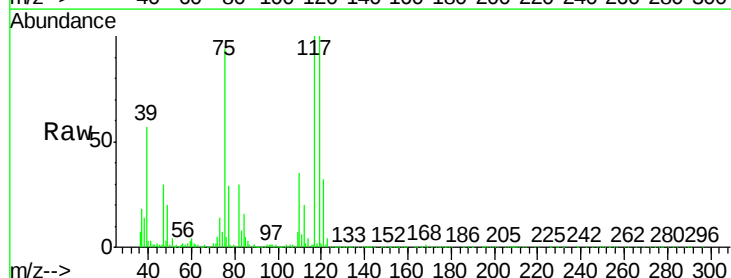
Manual Integrations
APPROVED

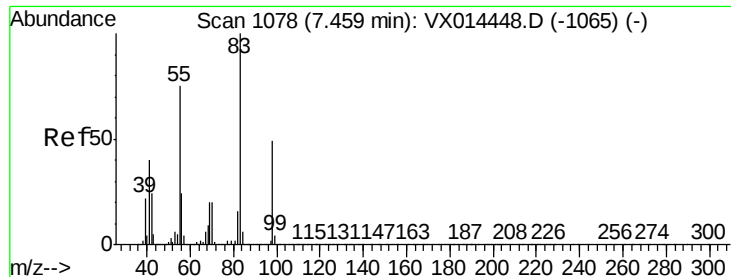
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#38
Carbon Tetrachloride
Concen: 19.400 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX014647.D
Acq: 17 Jan 2020 12:05

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.2	73.8	110.8
121	31.6	23.4	35.0





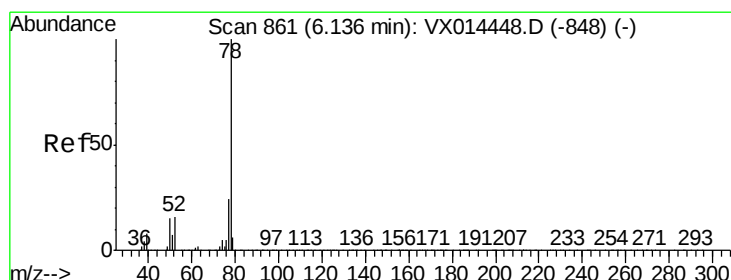
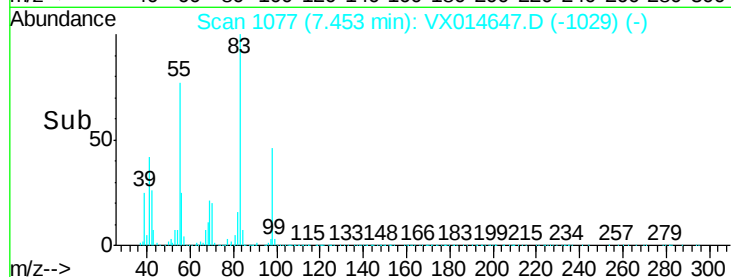
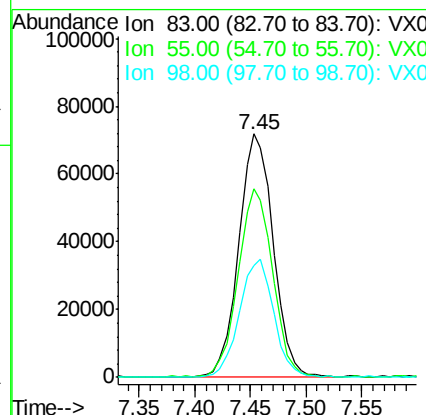
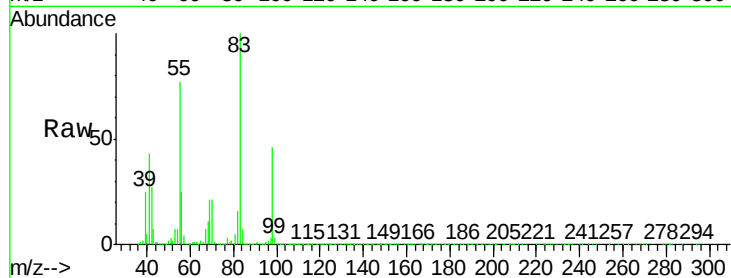
#39
Methvlcvclohexane
Concen: 18.813 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014647.D
Acq: 17 Jan 2020 12:05

Instrument :
MSVOA_X
ClientSampleId :
VX0117WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.3	59.7	89.5
98	46.0	39.1	58.7

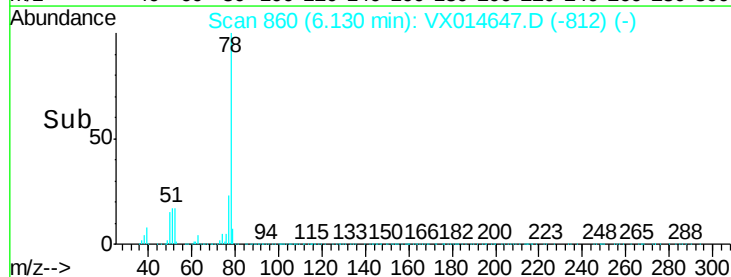
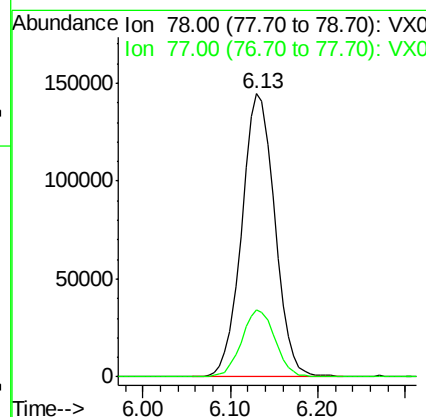
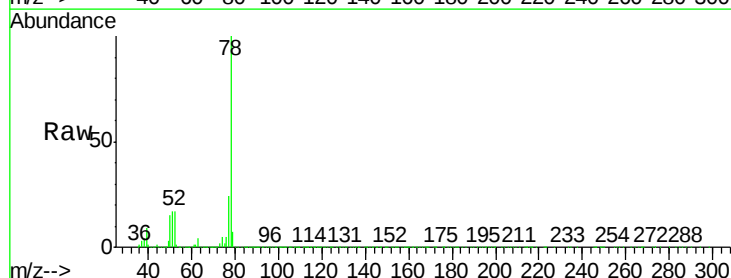
Manual Integrations
APPROVED

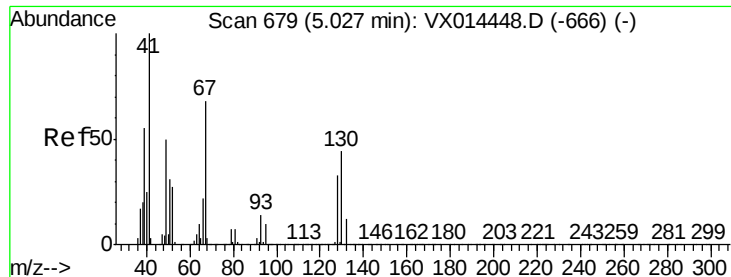
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#40
Benzene
Concen: 19.727 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014647.D
Acq: 17 Jan 2020 12:05

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.5	29.3





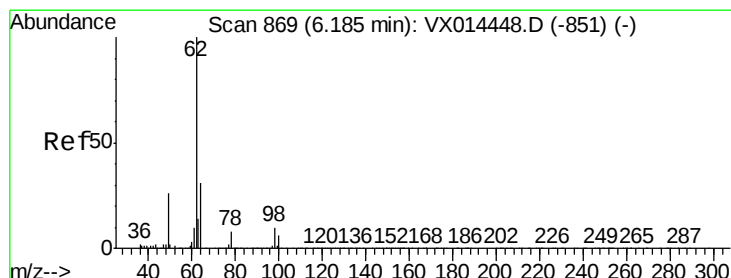
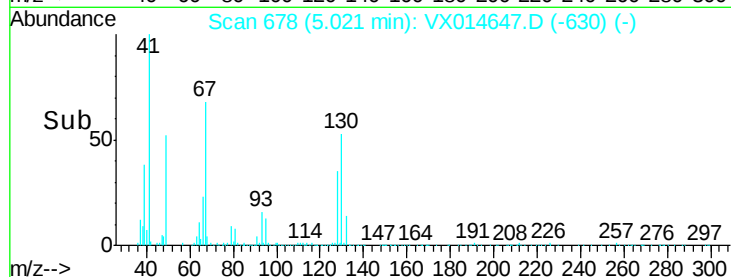
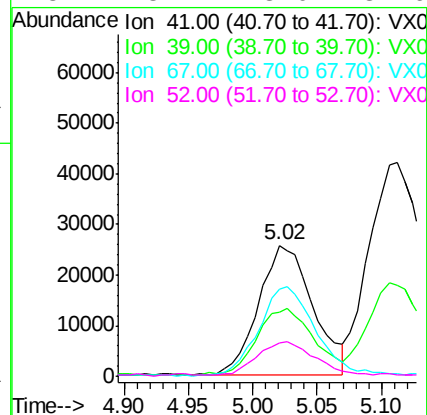
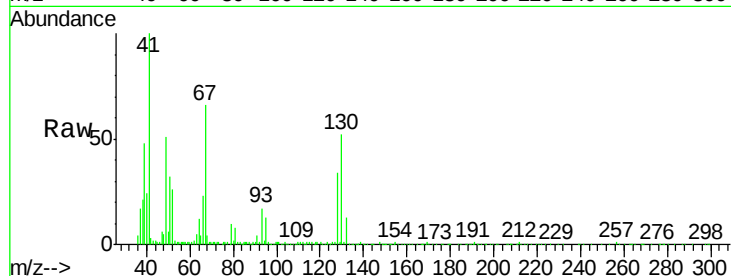
#41
Methacrylonitrile
Concen: 20.098 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX014647.D
Acq: 17 Jan 2020 12:05

Instrument :
MSVOA_X
ClientSampleId :
VX0117WBS01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.8	43.6	65.4	
67	70.9	57.9	86.9	
52	28.2	23.0	34.6	

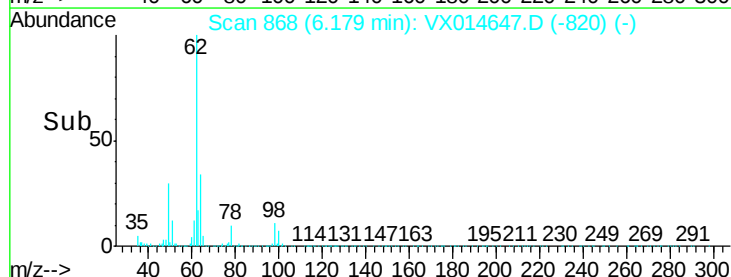
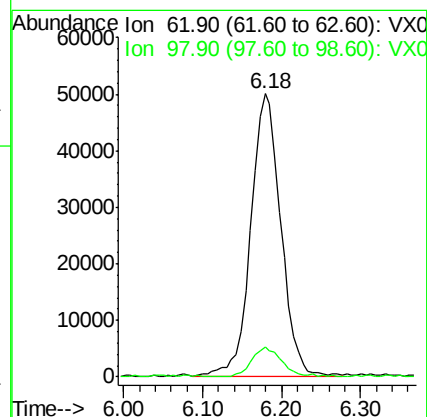
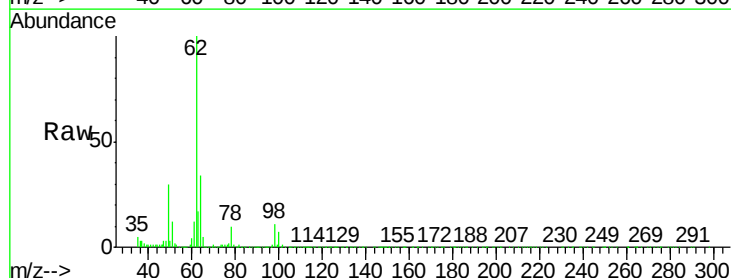
Manual Integrations
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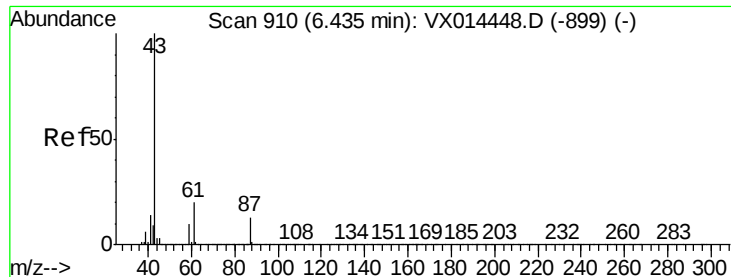
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1/20/2020 11:19:45 AM



#42
1,2-Dichloroethane
Concen: 19.503 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014647.D
Acq: 17 Jan 2020 12:05

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.8	0.0	20.4	





#43

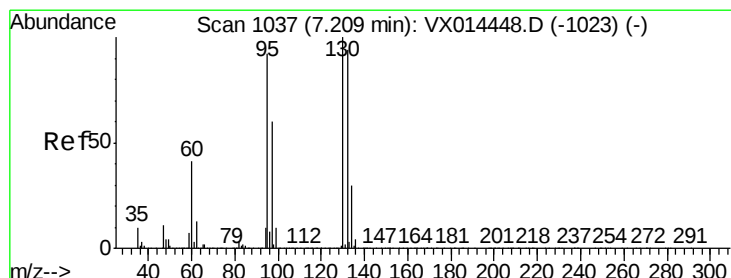
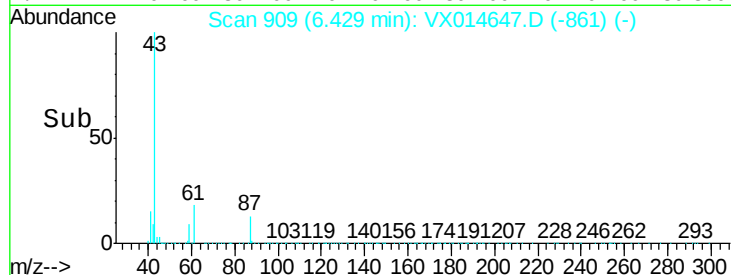
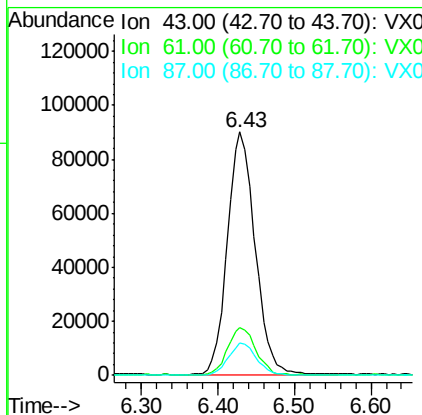
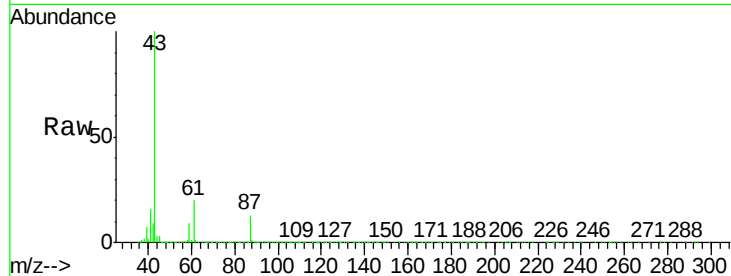
Isopropyl Acetate
 Concen: 19.762 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX014647.D
 Acq: 17 Jan 2020 12:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0117WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.3	16.6	24.8
87	13.0	10.8	16.2

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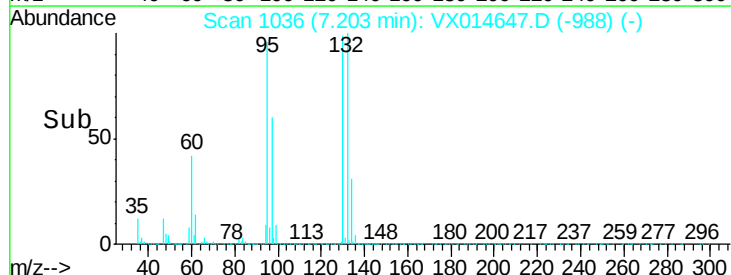
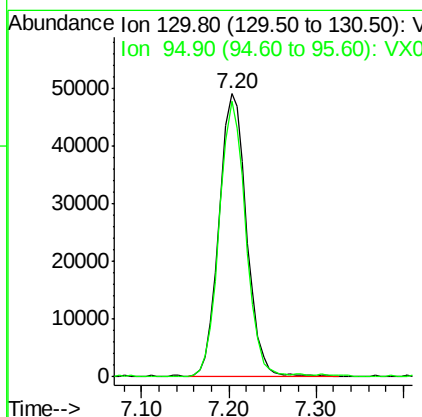
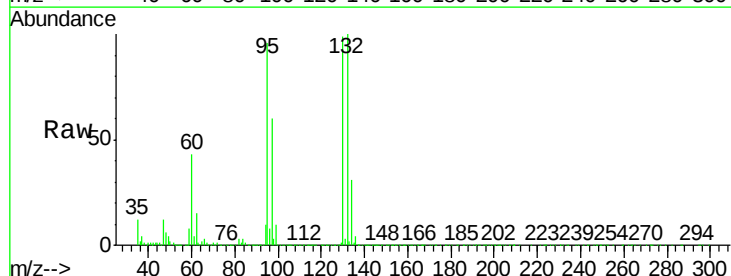
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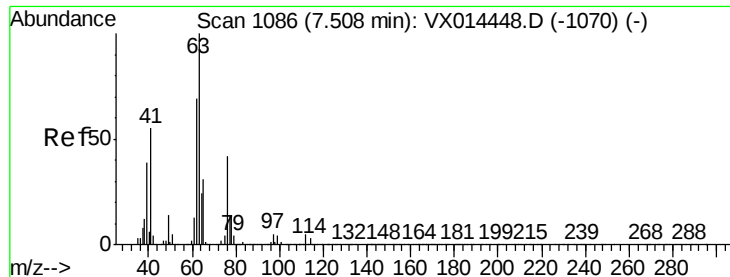


#44

Trichloroethene
 Concen: 19.200 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX014647.D
 Acq: 17 Jan 2020 12:05

Tgt Ion	Ratio	Lower	Upper
130	100		
95	97.3	0.0	184.2





#45

1,2-Dichloropropane

Concen: 20.180 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX014647.D

Acq: 17 Jan 2020 12:05

Instrument :

MSVOA_X

ClientSampleId :

VX0117WBS01

Tot Ion: 63 Resp: 99201

Ion Ratio Lower Upper

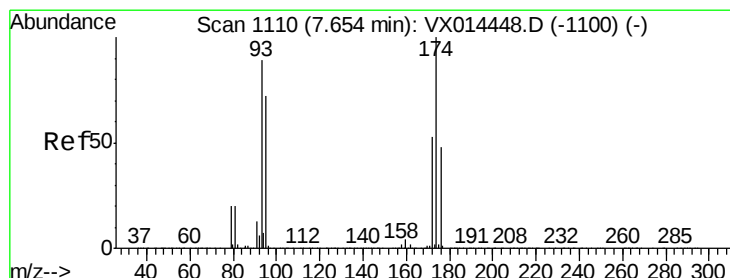
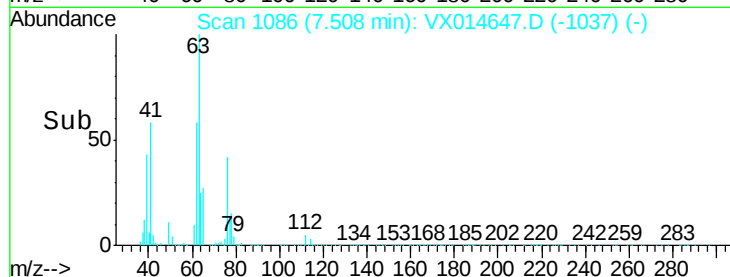
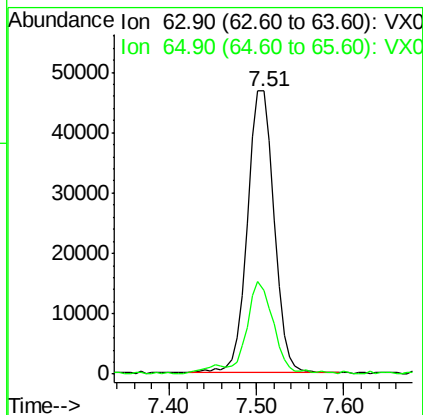
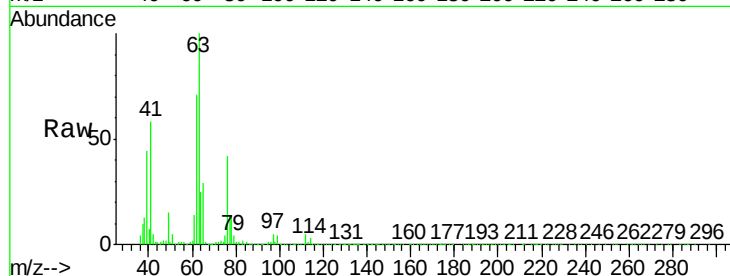
63 100

65 29.2 24.8 37.2

Manual Integrations
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#46

Dibromomethane

Concen: 18.211 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX014647.D

Acq: 17 Jan 2020 12:05

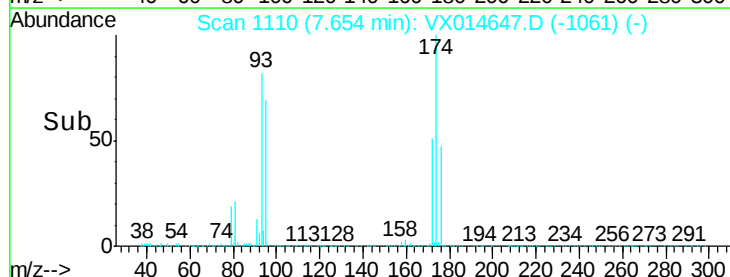
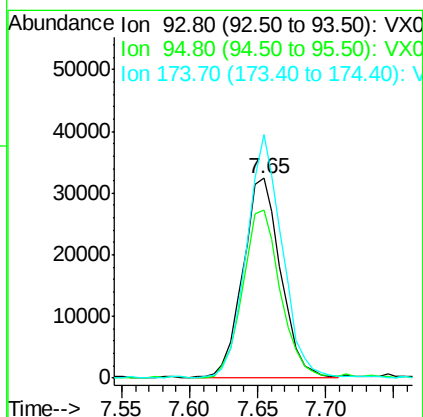
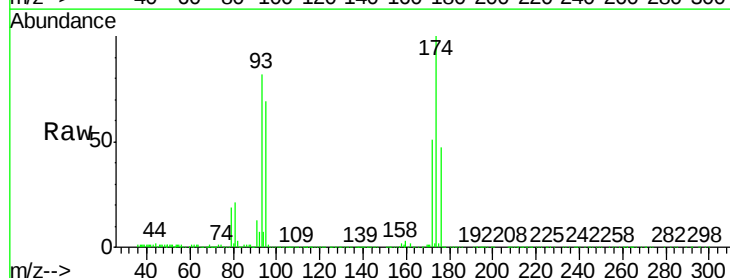
Tgt Ion: 93 Resp: 62483

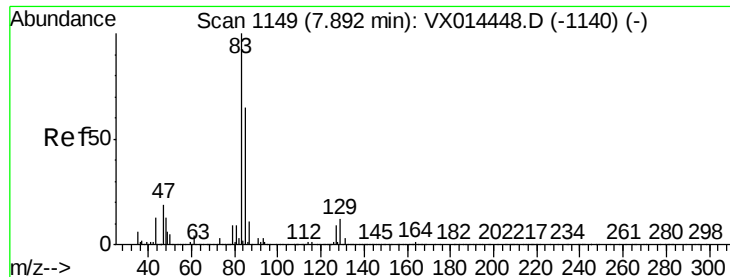
Ion Ratio Lower Upper

93 100

95 84.6 65.4 98.2

174 114.6 93.0 139.4





#47

Bromodichloromethane

Concen: 19.712 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX014647.D

Acq: 17 Jan 2020 12:05

Instrument :

MSVOA_X

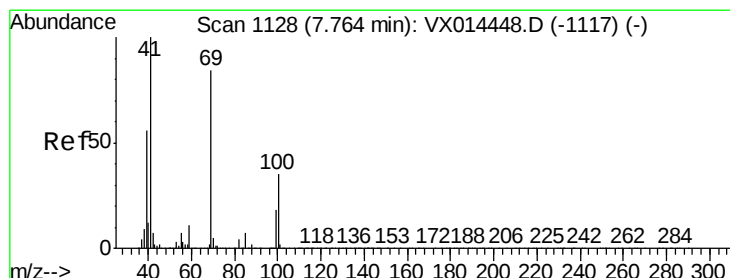
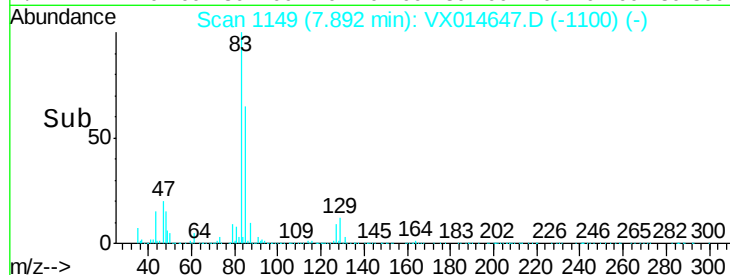
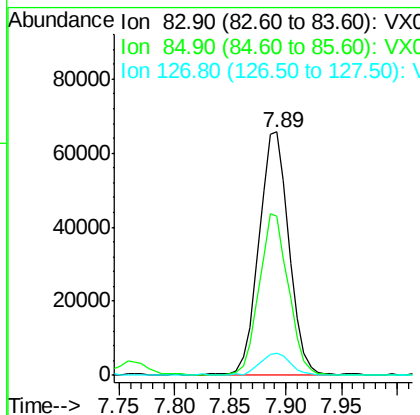
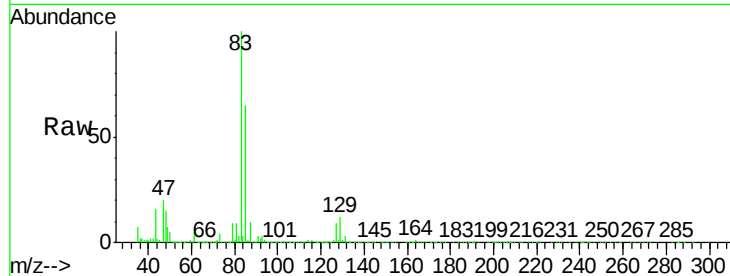
ClientSampleId :

VX0117WBS01

Tot Ion	83	Resp	123067
Ion Ratio	Lower	Upper	
83	100		
85	65.1	51.7	77.5
127	9.1	7.1	10.7

Manual Integrations
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#48

Methyl methacrylate

Concen: 19.996 ug/l

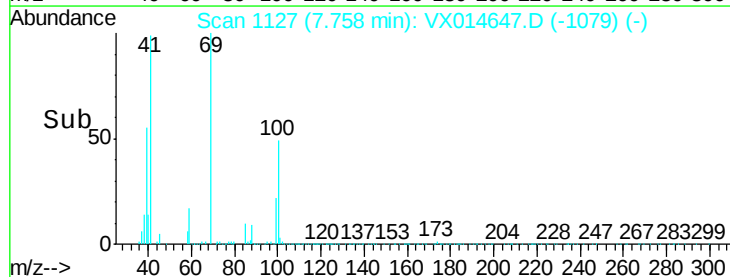
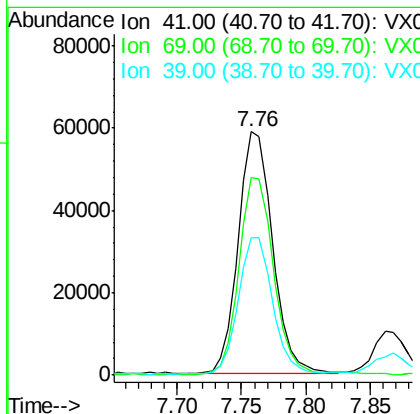
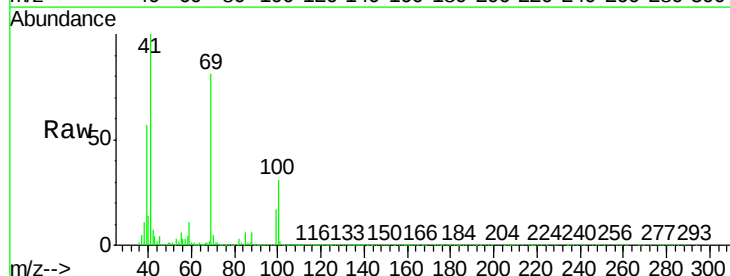
RT: 7.76 min Scan# 1127

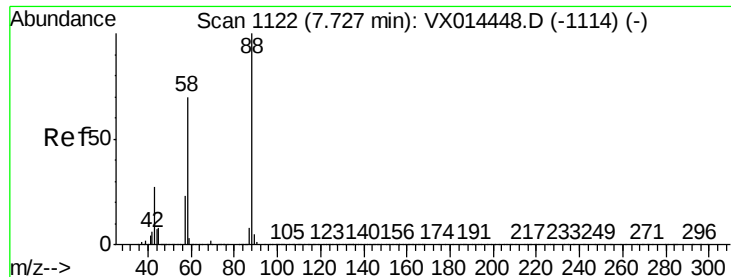
Delta R.T. -0.01 min

Lab File: VX014647.D

Acq: 17 Jan 2020 12:05

Tgt Ion	41	Resp	109171
Ion Ratio	Lower	Upper	
41	100		
69	81.5	65.5	98.3
39	58.3	43.9	65.9





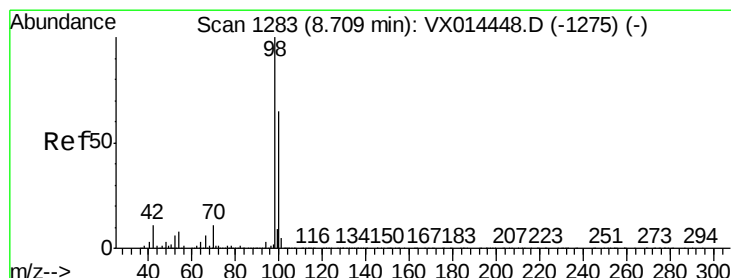
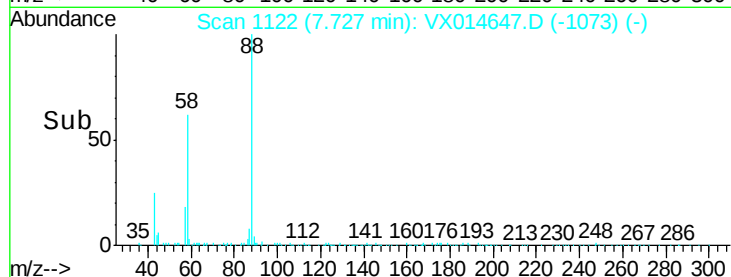
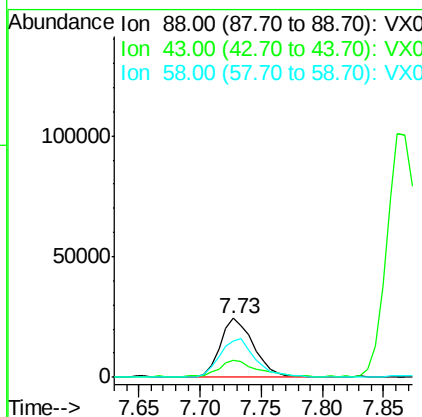
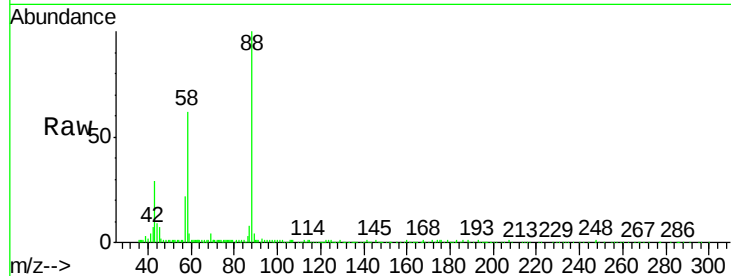
#49
1,4-Dioxane
Concen: 401.994 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.00 min
Lab File: VX014647.D
Acq: 17 Jan 2020 12:05

Instrument :
MSVOA_X
ClientSampleId :
VX0117WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.3	27.4	41.0
58	68.1	57.1	85.7

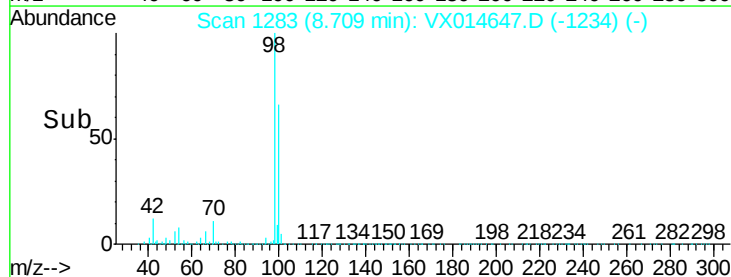
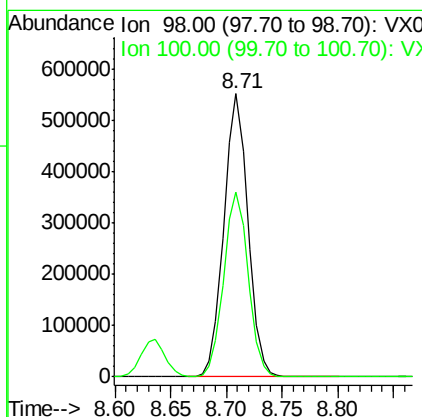
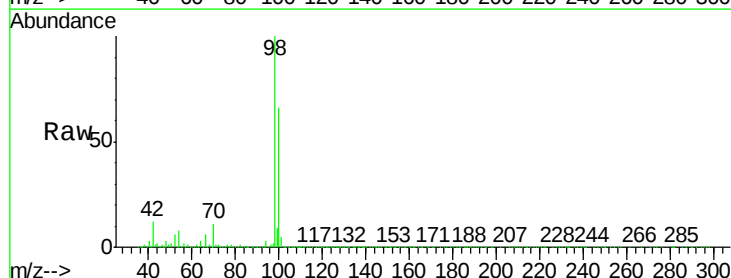
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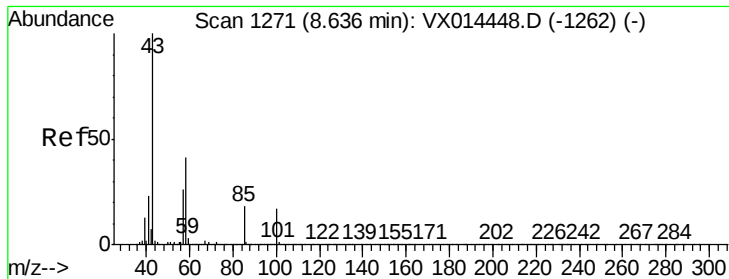
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#50
Toluene-d8
Concen: 50.997 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX014647.D
Acq: 17 Jan 2020 12:05

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.9	53.2	79.8





#51

4-Methyl-2-Pentanone

Concen: 101.683 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX014647.D

Acq: 17 Jan 2020 12:05

Instrument :

MSVOA_X

ClientSampleId :

VX0117WBS01

Tot Ion: 43 Resp: 706338

Ion Ratio Lower Upper

43 100

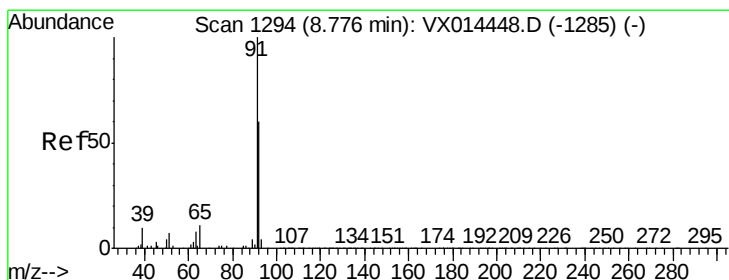
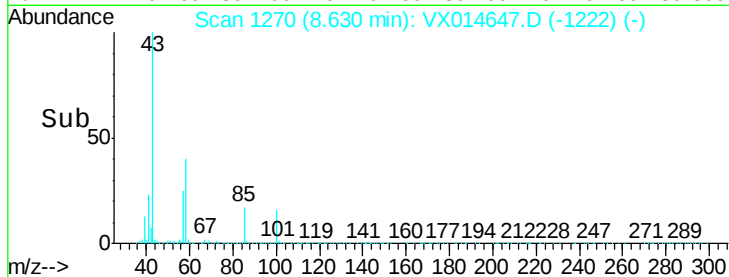
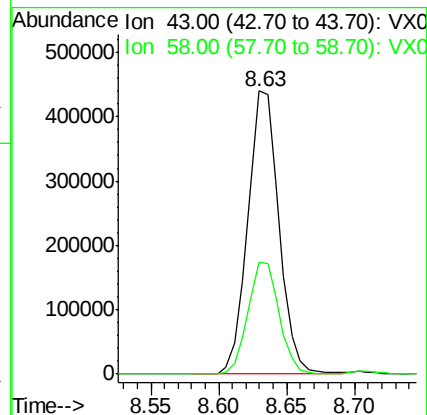
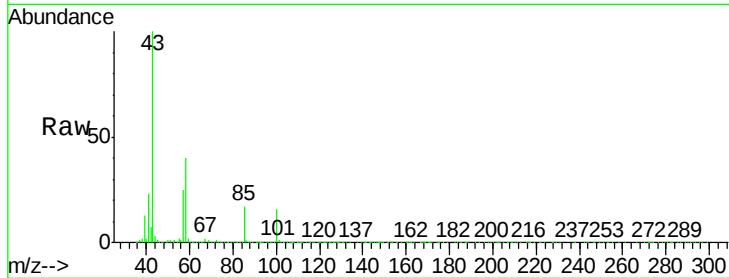
58 39.5 32.4 48.6

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#52

Toluene

Concen: 19.526 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX014647.D

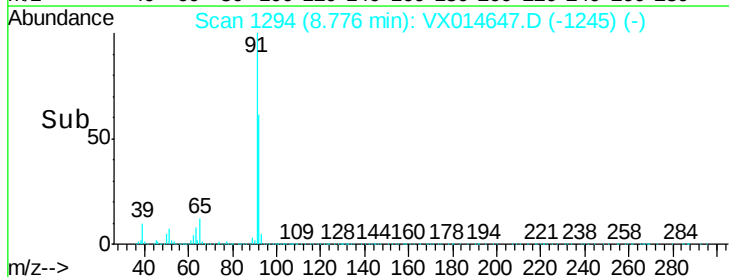
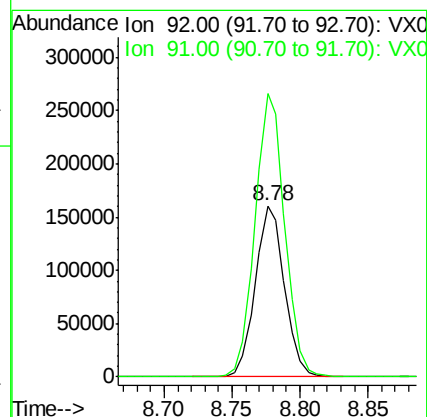
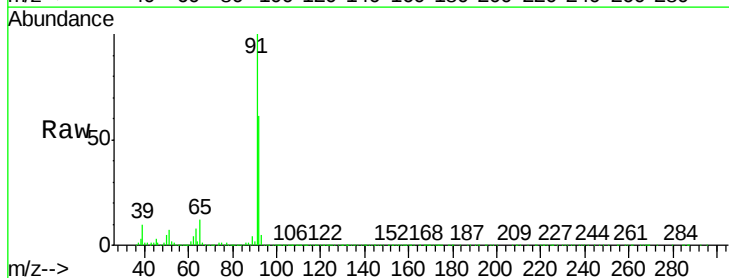
Acq: 17 Jan 2020 12:05

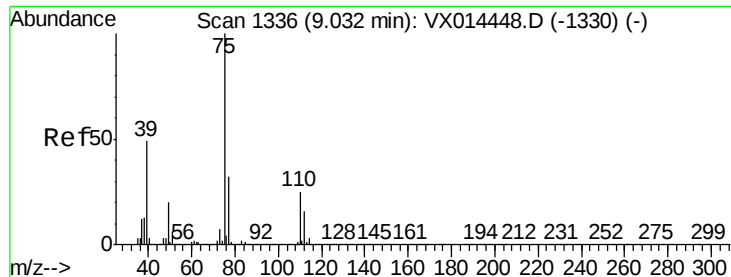
Tgt Ion: 92 Resp: 241009

Ion Ratio Lower Upper

92 100

91 168.8 135.7 203.5





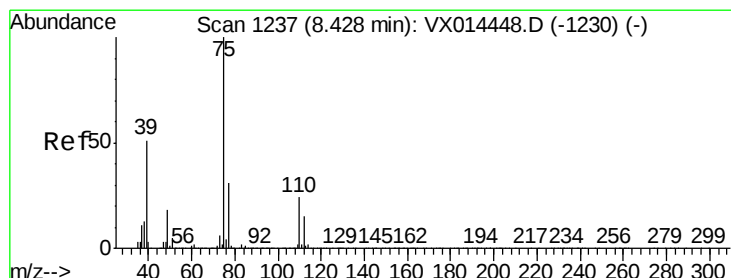
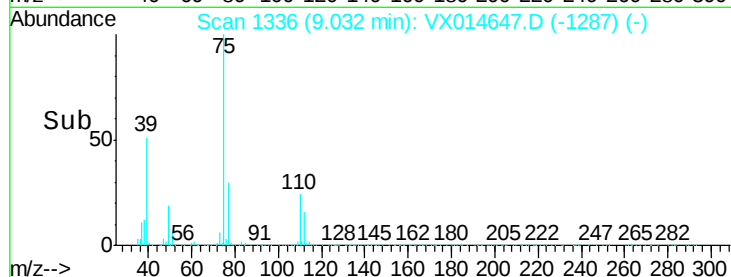
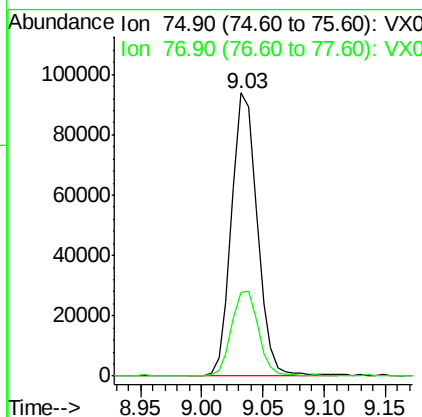
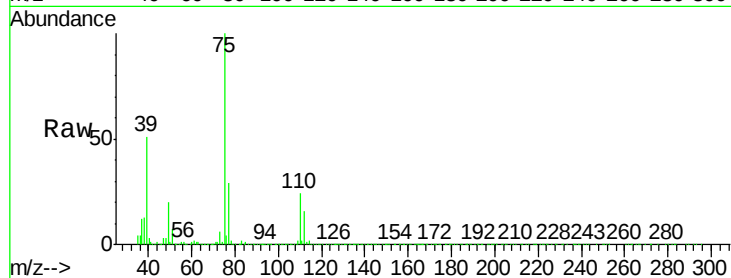
#53
t-1,3-Dichloropropene
Concen: 18.805 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.00 min
Lab File: VX014647.D
Acq: 17 Jan 2020 12:05

Instrument :
MSVOA_X
ClientSampled :
VX0117WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	29.3	25.4	38.2

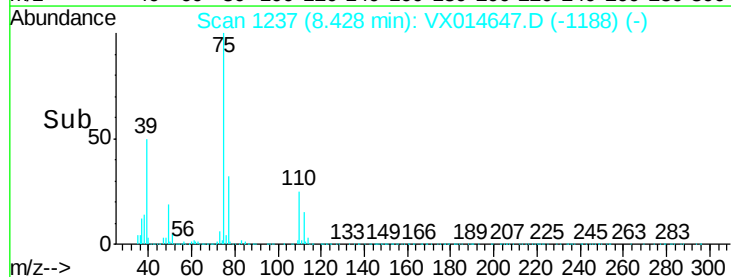
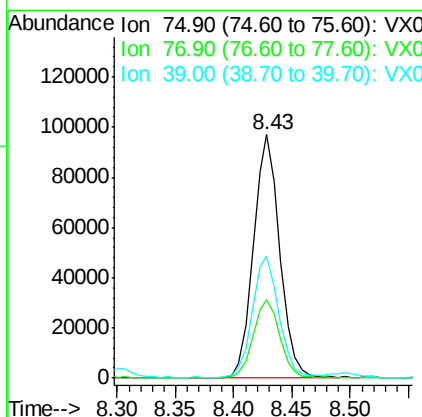
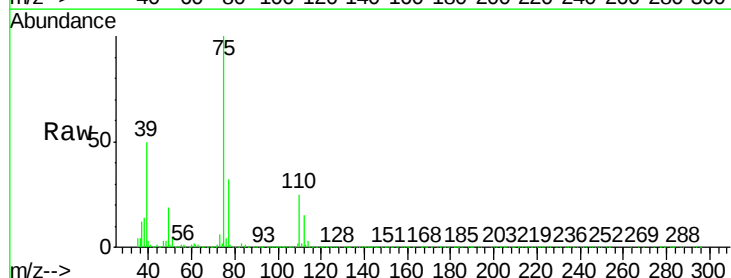
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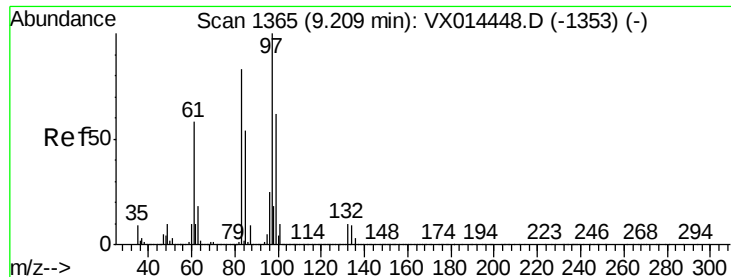
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#54
cis-1,3-Dichloropropene
Concen: 19.460 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX014647.D
Acq: 17 Jan 2020 12:05

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.0	37.4
39	49.7	40.7	61.1





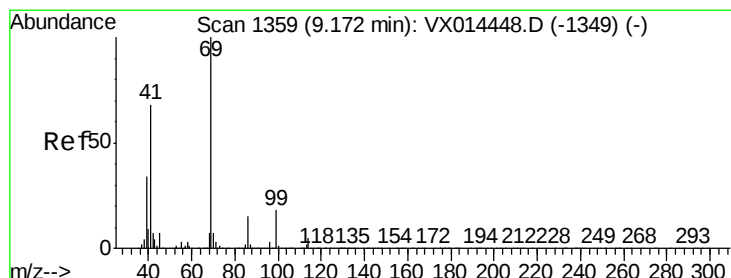
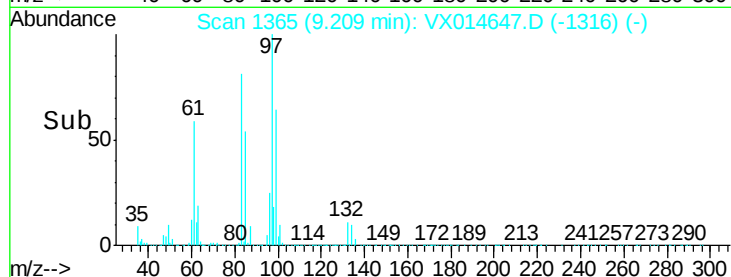
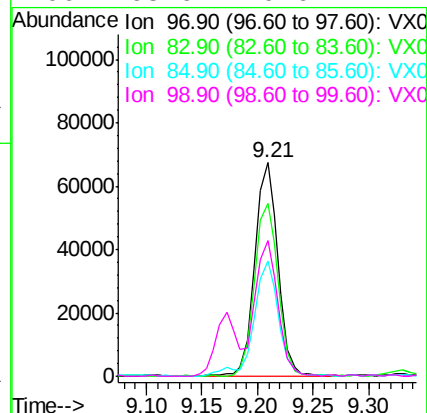
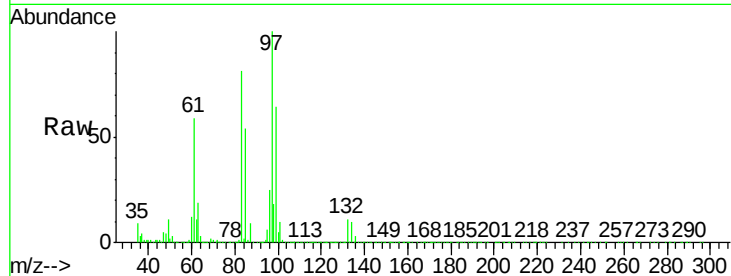
#55
 1,1,2-Trichloroethane
 Concen: 19.532 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX014647.D
 Acq: 17 Jan 2020 12:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0117WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		96836		
83	80.7	66.4	99.6		
85	53.9	43.4	65.2		
99	63.6	49.6	74.4		

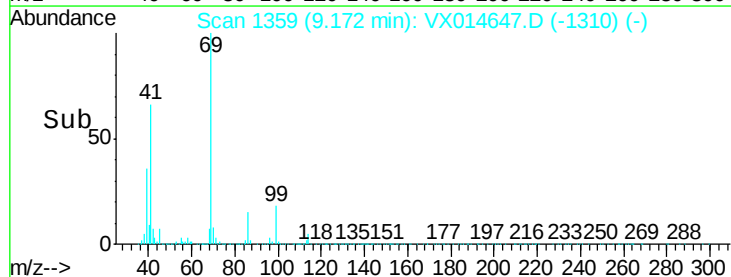
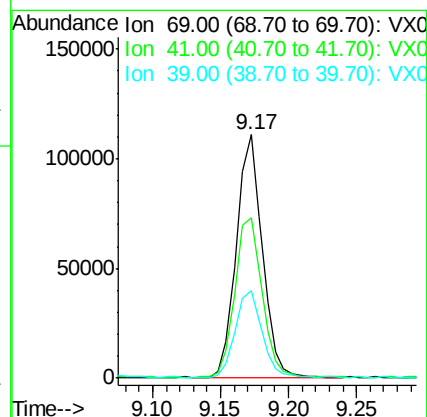
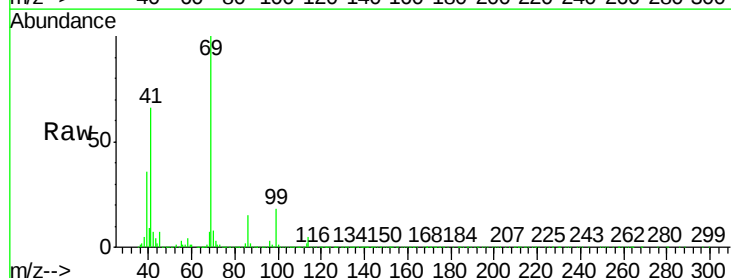
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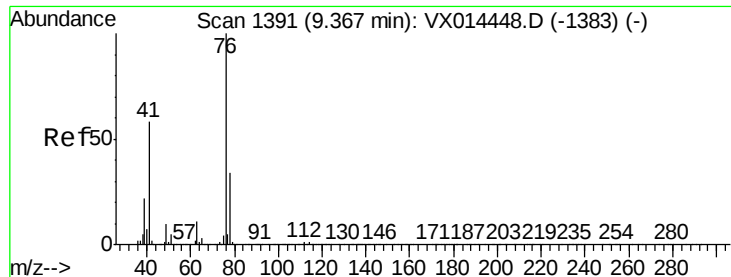
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#56
 Ethyl methacrylate
 Concen: 19.427 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX014647.D
 Acq: 17 Jan 2020 12:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		147554		
41	69.0	54.2	81.2		
39	36.6	28.2	42.2		





#57

1,3-Dichloropropane

Concen: 20.020 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014647.D

Acq: 17 Jan 2020 12:05

Instrument :

MSVOA_X

ClientSampleId :

VX0117WBS01

Tot Ion: 76 Resp: 165950

Ion Ratio Lower Upper

76 100

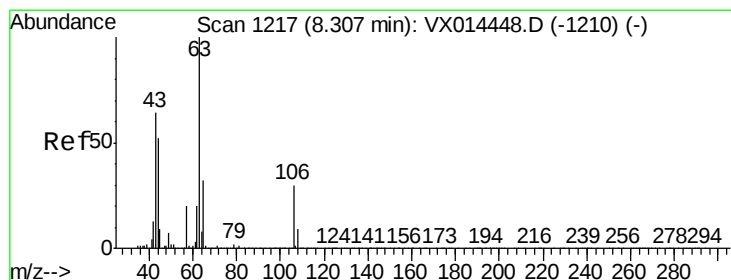
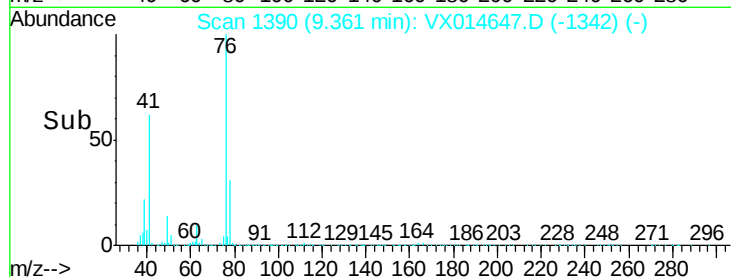
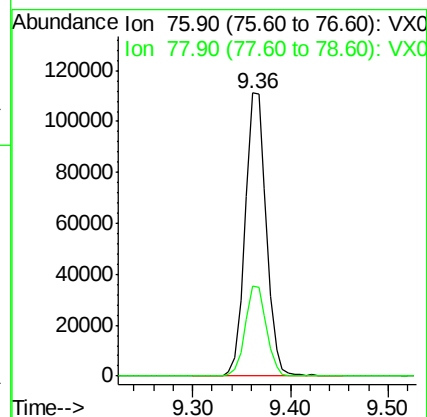
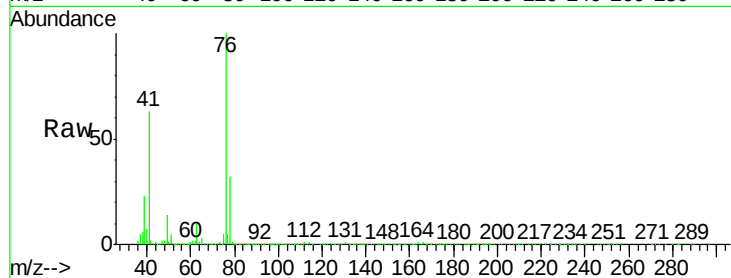
78 31.4 26.4 39.6

Manual Integrations

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1/20/2020 11:19:45 AM



#58

2-Chloroethyl Vinyl ether

Concen: 96.768 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX014647.D

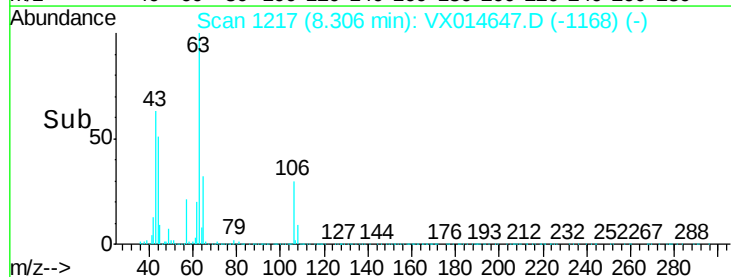
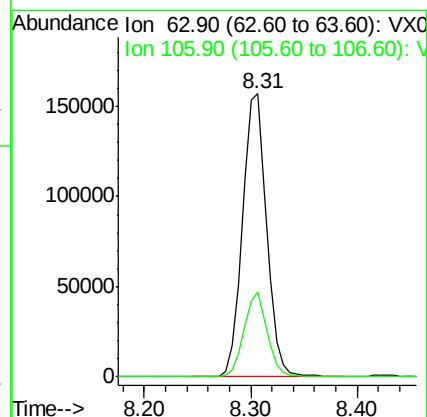
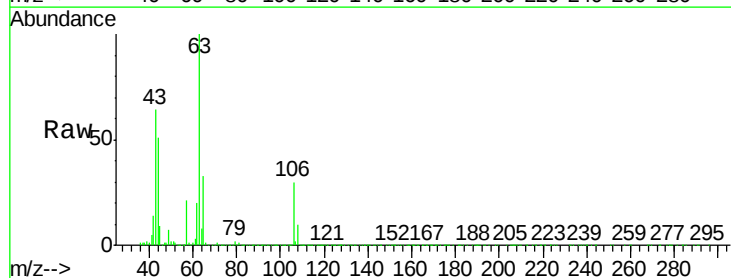
Acq: 17 Jan 2020 12:05

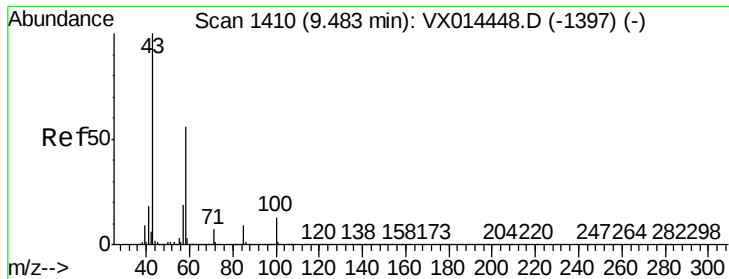
Tgt Ion: 63 Resp: 250069

Ion Ratio Lower Upper

63 100

106 28.7 23.6 35.4





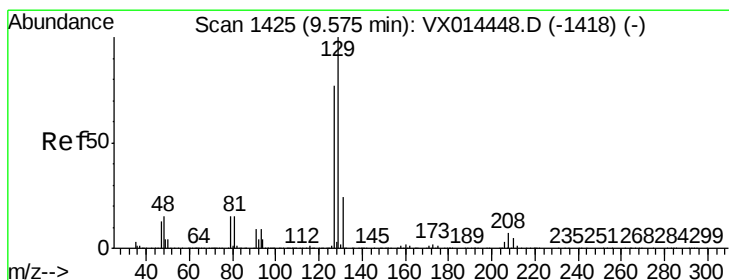
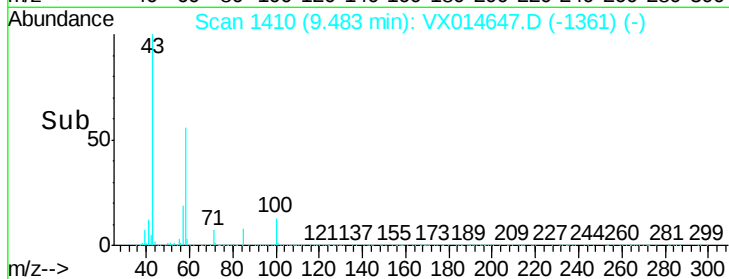
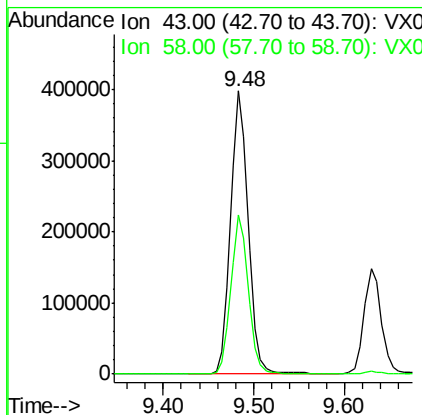
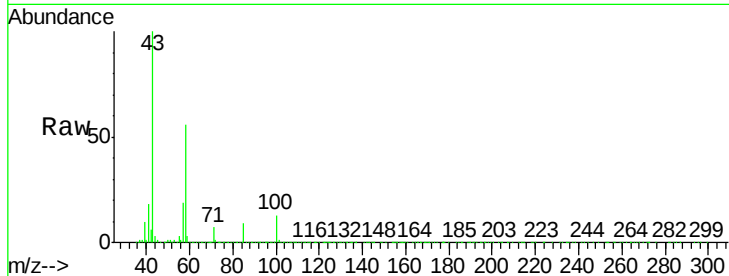
#59
2-Hexanone
Concen: 97.532 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX014647.D
Acq: 17 Jan 2020 12:05

Instrument :
MSVOA_X
ClientSampleId :
VX0117WBS01

Tot Ion: 43 Resp: 536072
Ion Ratio Lower Upper
43 100
58 55.6 27.9 83.7

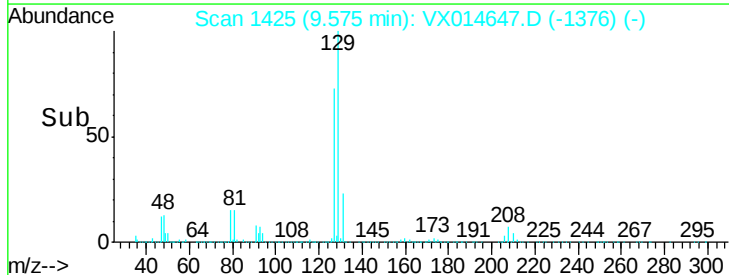
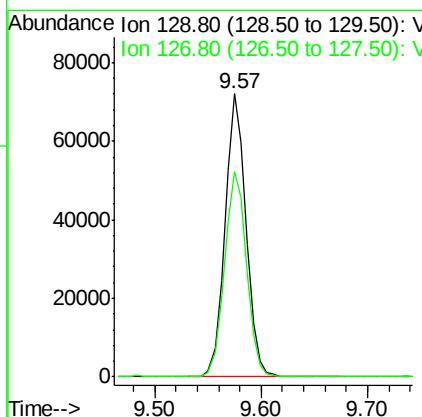
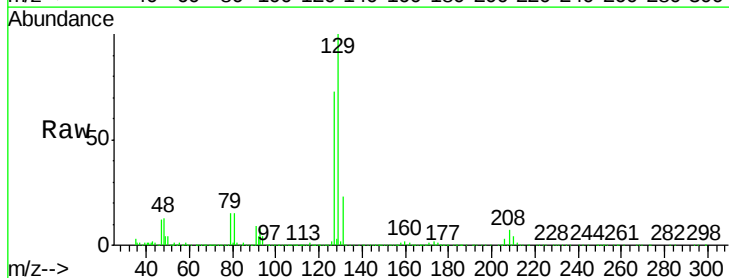
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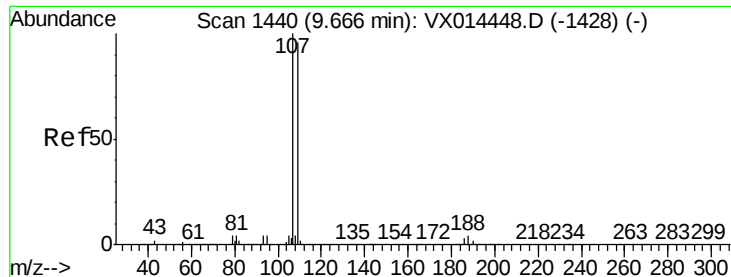
MMDadoda
1/20/2020 11:19:45 AM



#60
Dibromochloromethane
Concen: 20.072 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX014647.D
Acq: 17 Jan 2020 12:05

Tgt Ion: 129 Resp: 100019
Ion Ratio Lower Upper
129 100
127 76.0 38.6 116.0





#61

1,2-Dibromoethane

Concen: 19.505 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX014647.D

Acq: 17 Jan 2020 12:05

Instrument :

MSVOA_X

ClientSampleId :

VX0117WBS01

Tot Ion: 107 Resp: 102433

Ion Ratio Lower Upper

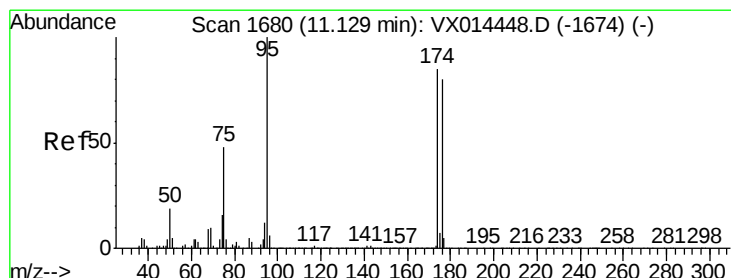
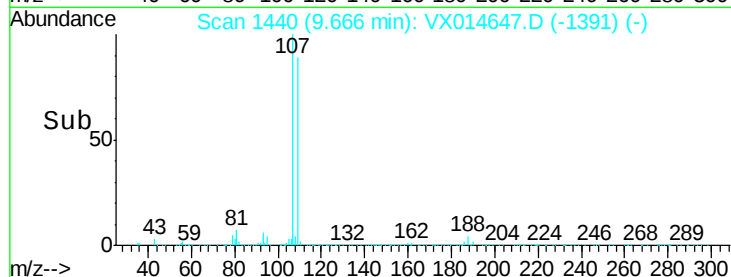
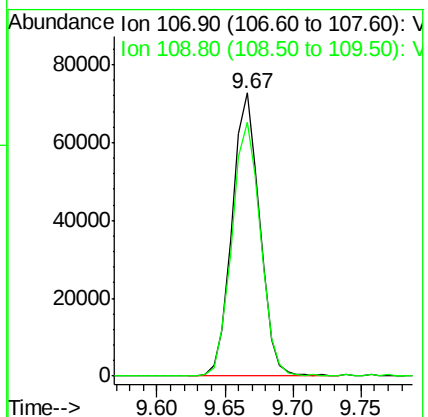
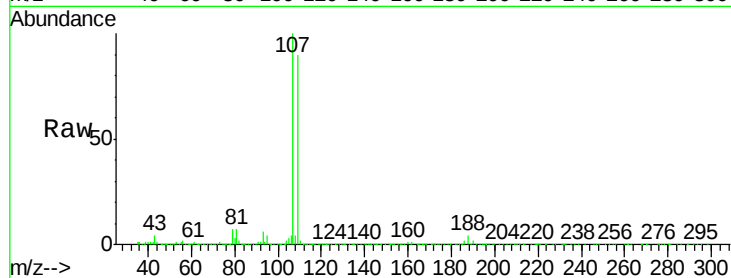
107 100

109 92.9 76.5 114.7

Manual Integrations
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1/20/2020 11:19:45 AM



#62

4-Bromofluorobenzene

Concen: 49.725 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX014647.D

Acq: 17 Jan 2020 12:05

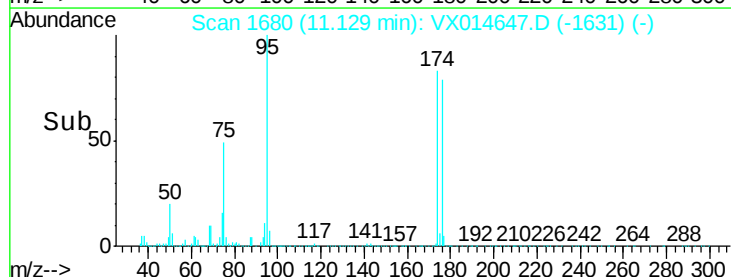
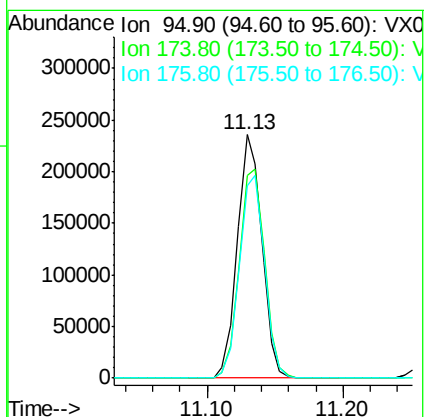
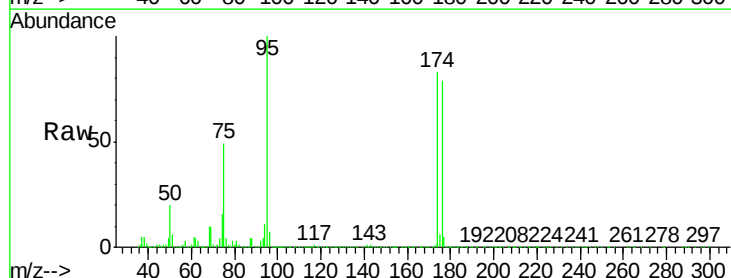
Tgt Ion: 95 Resp: 296239

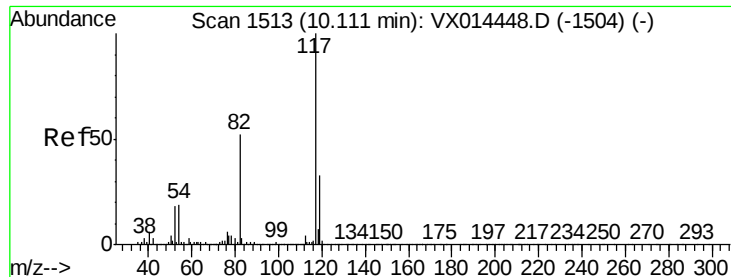
Ion Ratio Lower Upper

95 100

174 89.1 0.0 180.8

176 85.6 0.0 172.8





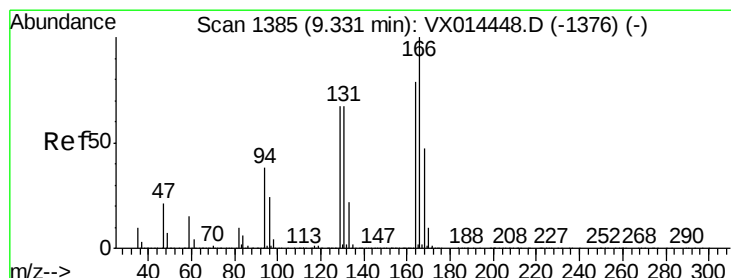
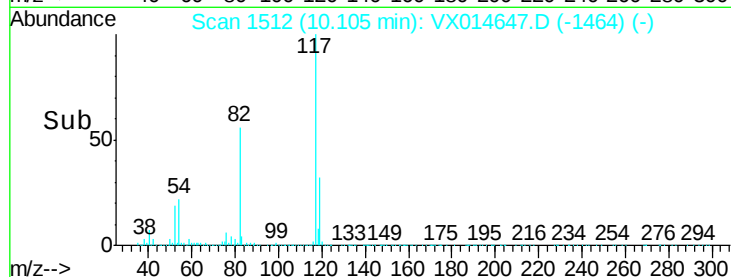
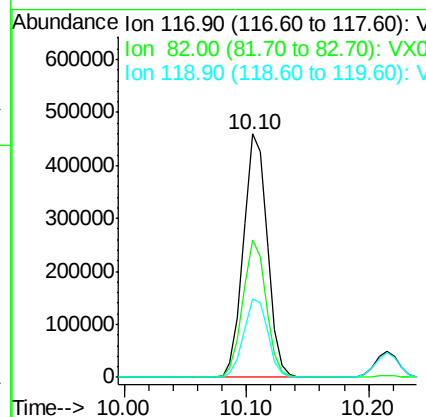
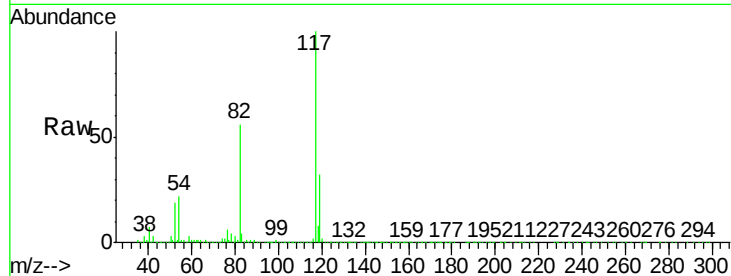
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014647.D
Acq: 17 Jan 2020 12:05

Instrument :
MSVOA_X
ClientSampleId :
VX0117WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.2	41.8	62.6
119	32.1	26.2	39.4

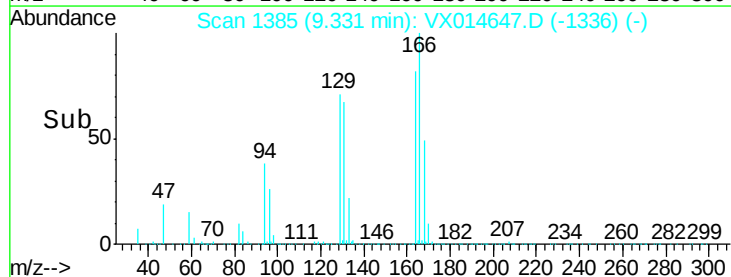
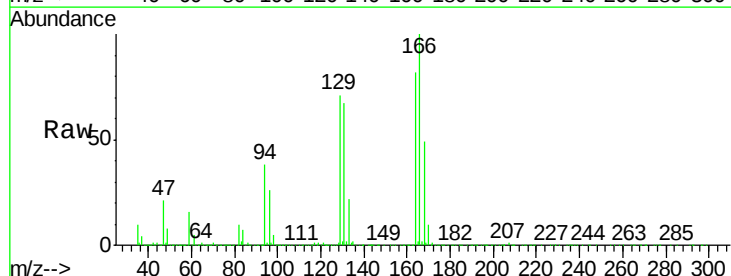
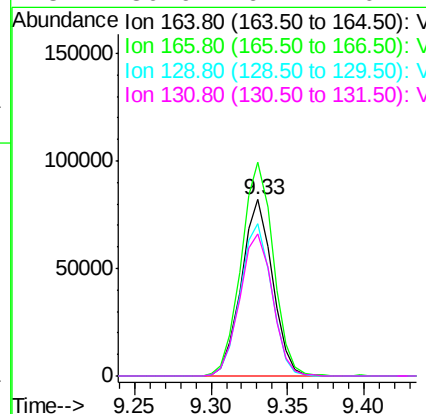
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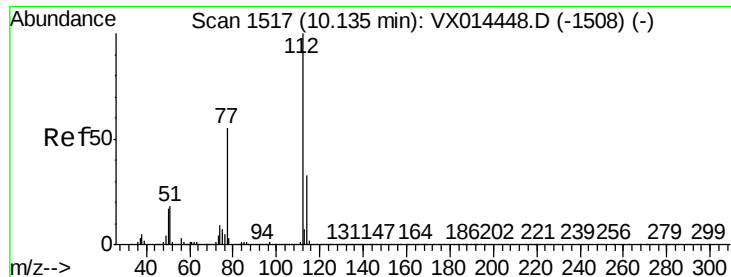
MMDadoda
1/20/2020 11:19:45 AM



#64
Tetrachloroethene
Concen: 18.792 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX014647.D
Acq: 17 Jan 2020 12:05

Tgt Ion	Ratio	Lower	Upper
164	100		
166	121.2	101.2	151.8
129	86.1	68.3	102.5
131	80.9	67.4	101.2





#65

Chlorobenzene

Concen: 19.037 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX014647.D

Acq: 17 Jan 2020 12:05

Instrument :

MSVOA_X

ClientSampleId :

VX0117WBS01

Tot Ion:112 Resp: 254630

Ion Ratio Lower Upper

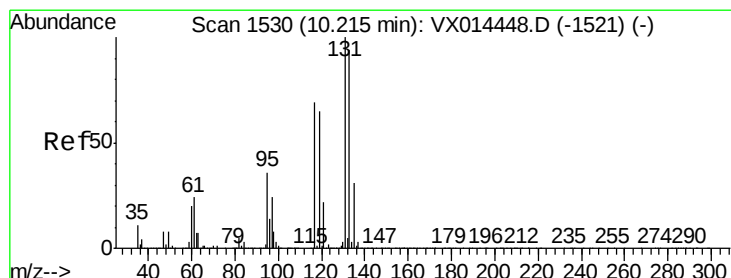
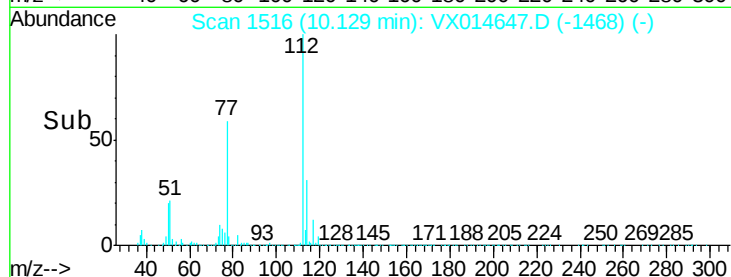
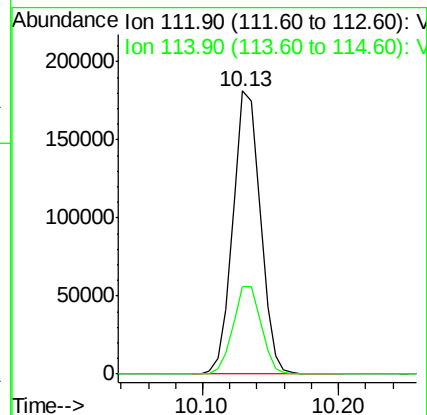
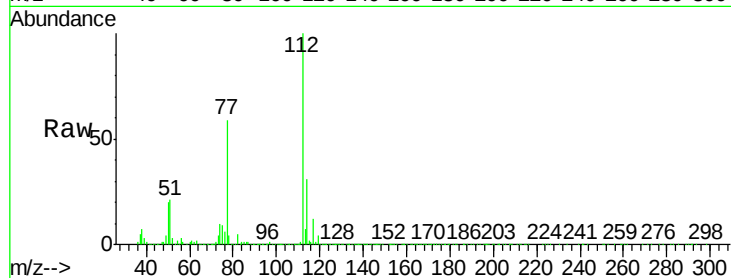
112 100

114 31.1 26.2 39.4

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#66

1,1,1,2-Tetrachloroethane

Concen: 19.317 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX014647.D

Acq: 17 Jan 2020 12:05

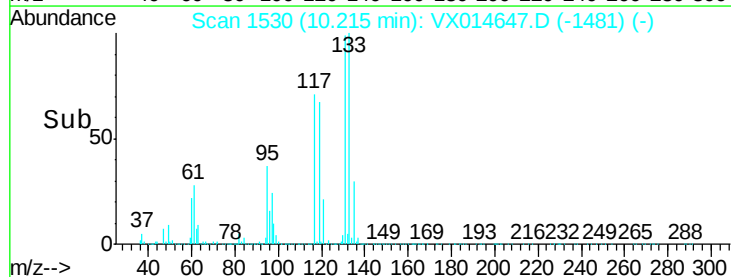
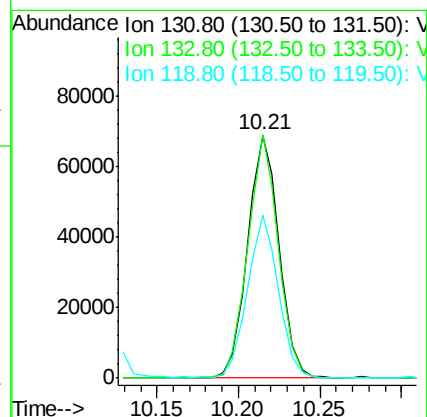
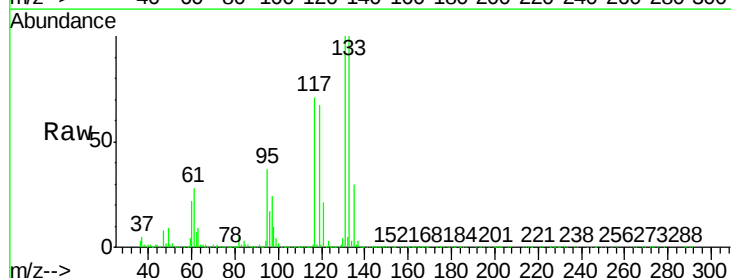
Tgt Ion:131 Resp: 92206

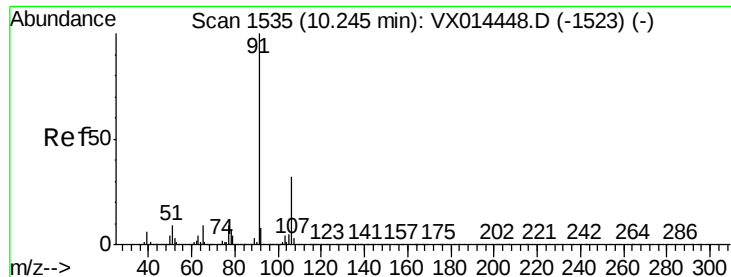
Ion Ratio Lower Upper

131 100

133 97.4 47.3 142.0

119 66.0 32.8 98.4





#67

Ethyl Benzene

Concen: 19.619 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX014647.D

Acq: 17 Jan 2020 12:05

Instrument :

MSVOA_X

ClientSampleId :

VX0117WBS01

Tot Ion: 91 Resp: 447264

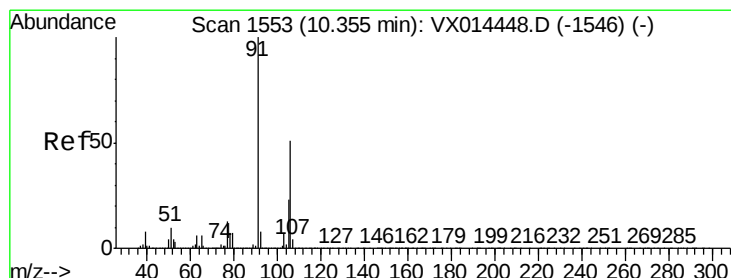
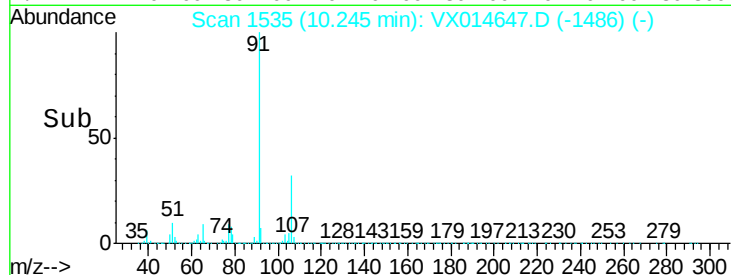
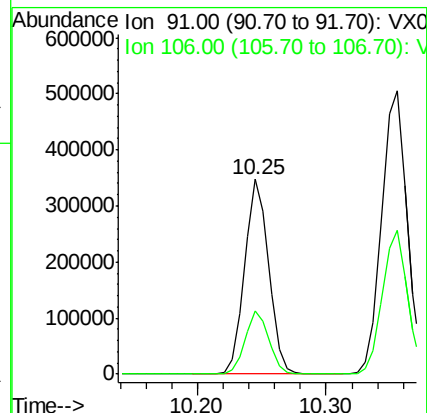
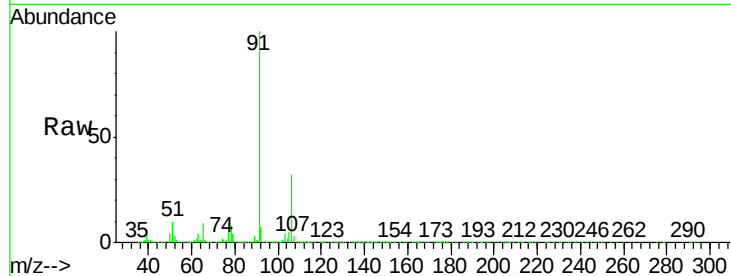
Ion Ratio Lower Upper

91 100

106 32.2 25.6 38.4

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#68

m/p-Xylenes

Concen: 39.156 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX014647.D

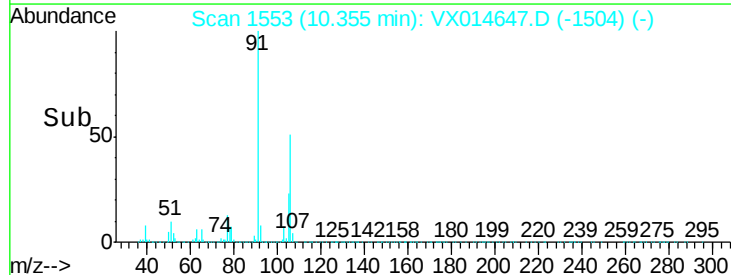
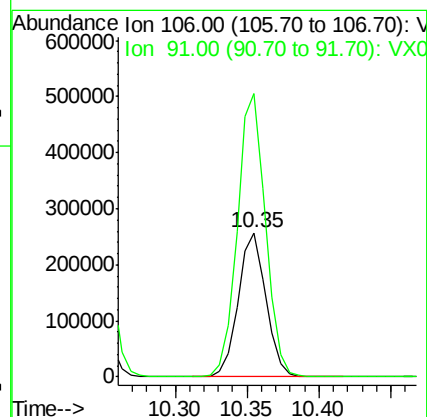
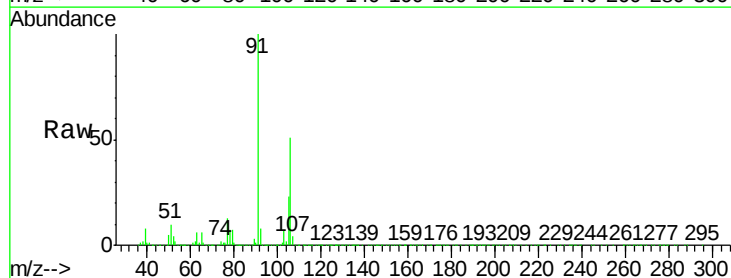
Acq: 17 Jan 2020 12:05

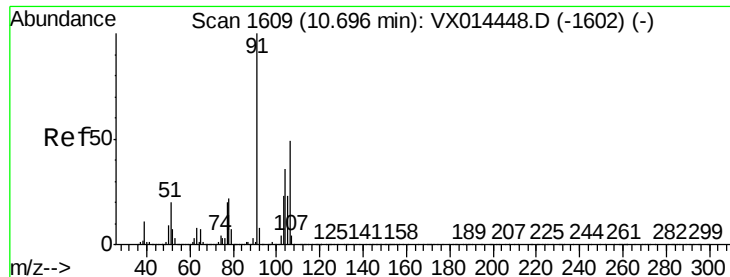
Tgt Ion: 106 Resp: 344385

Ion Ratio Lower Upper

106 100

91 199.1 157.4 236.0





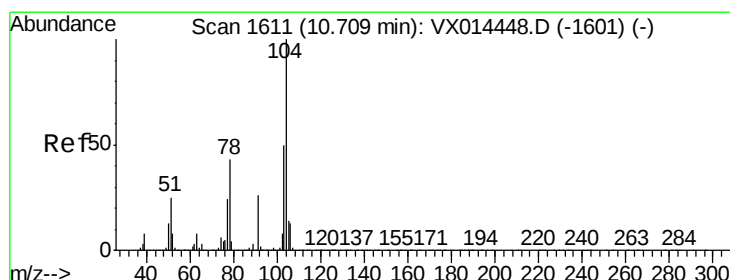
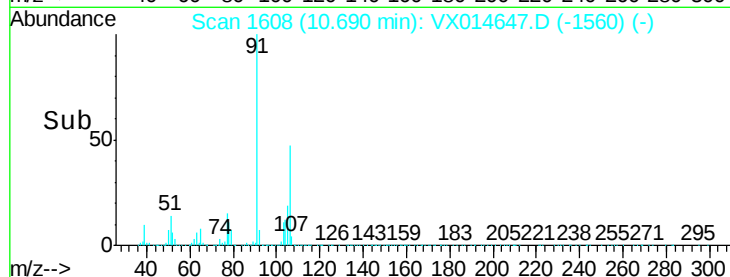
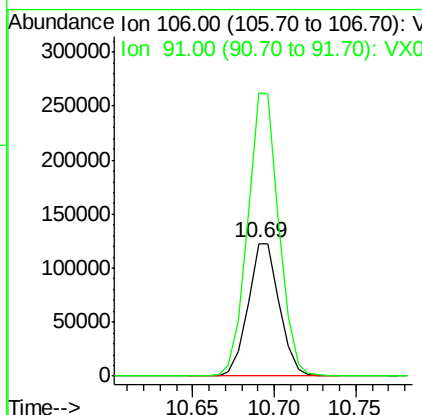
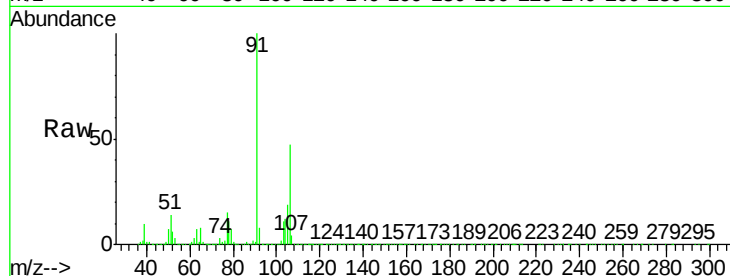
#69
o-Xylene
Concen: 19.588 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX014647.D
Acq: 17 Jan 2020 12:05

Instrument :
MSVOA_X
ClientSampleId :
VX0117WBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	212.3	105.1	315.1

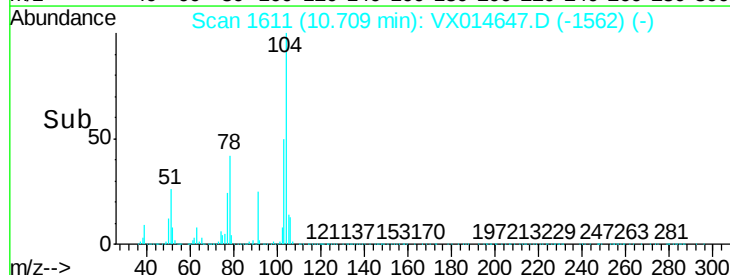
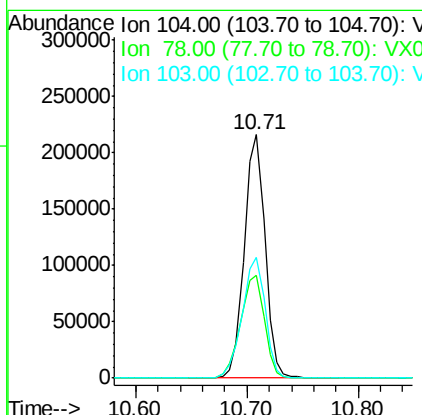
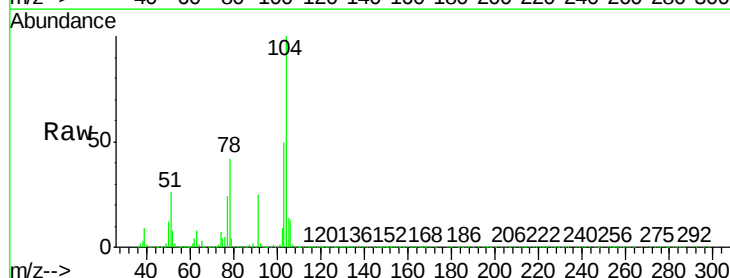
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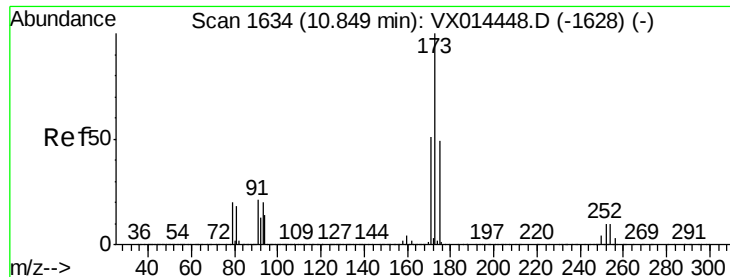
MMDadoda
1/20/2020 11:19:45 AM



#70
Styrene
Concen: 19.451 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX014647.D
Acq: 17 Jan 2020 12:05

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.1	38.6	58.0
103	54.4	43.7	65.5





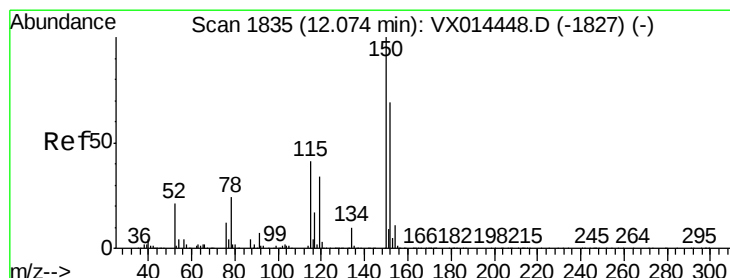
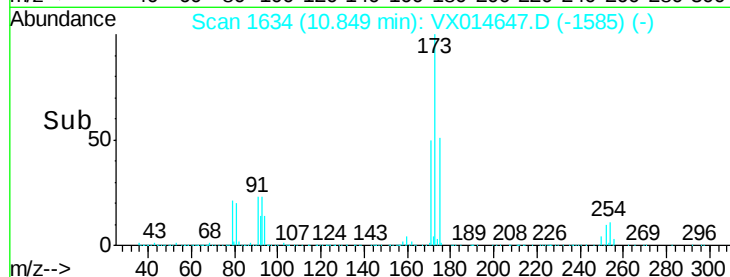
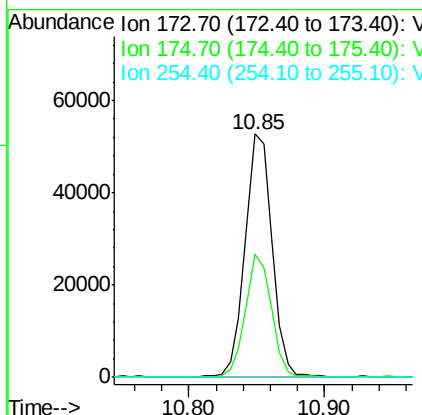
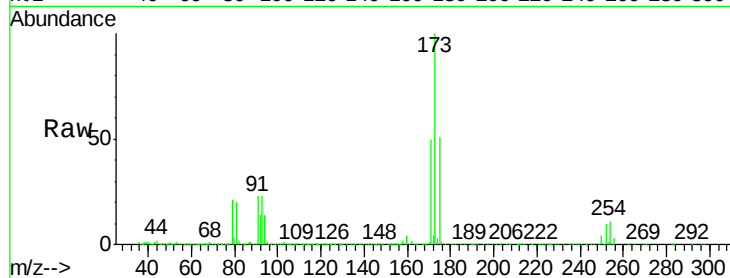
#71
Bromoform
Concen: 18.852 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VX014647.D
Acq: 17 Jan 2020 12:05

Instrument :
MSVOA_X
ClientSampleId :
VX0117WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.8	24.3	72.8
254	0.4	0.2	0.2

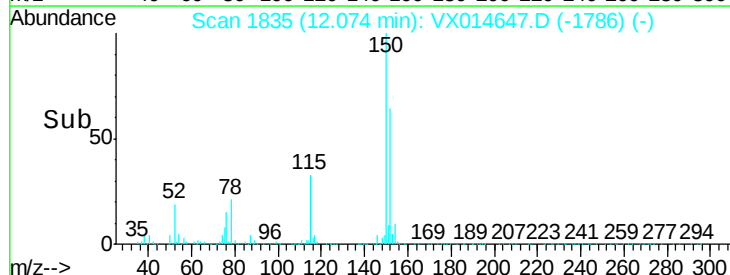
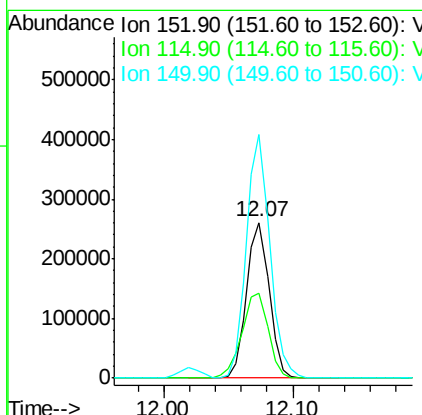
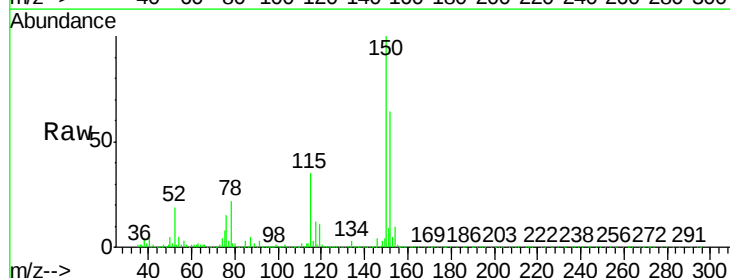
Manual Integrations
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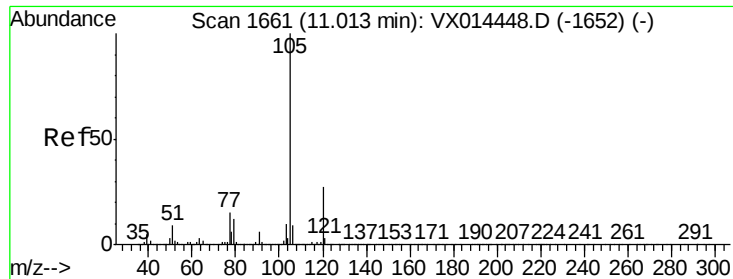
MMDadoda
1/20/2020 11:19:45 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX014647.D
Acq: 17 Jan 2020 12:05

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.5	39.5	118.3
150	162.7	0.0	350.2





#73

Isopropylbenzene

Concen: 20.221 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX014647.D

Acq: 17 Jan 2020 12:05

Instrument :

MSVOA_X

ClientSampleId :

VX0117WBS01

Tot Ion: 105 Resp: 445571

Ion Ratio Lower Upper

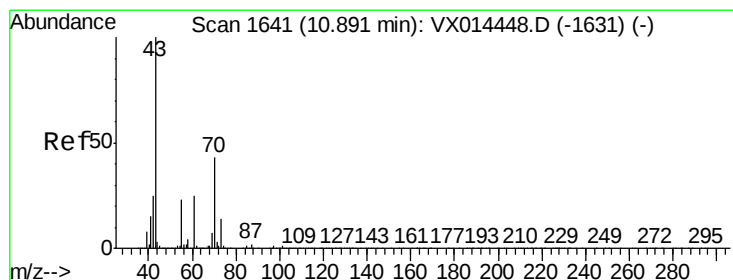
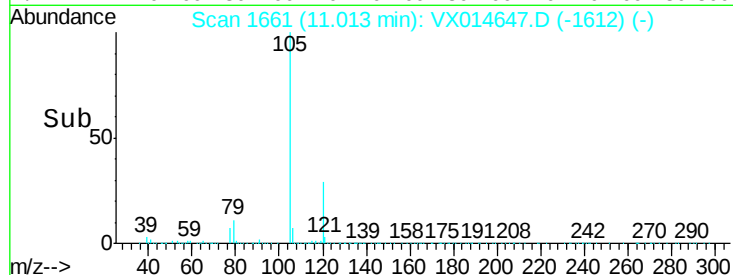
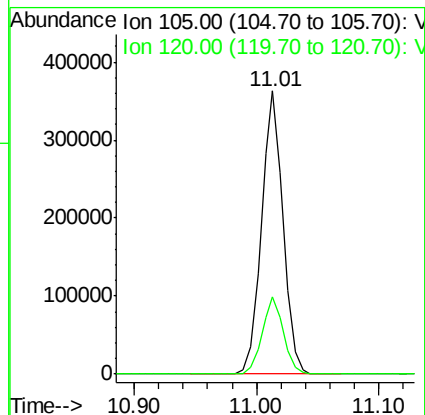
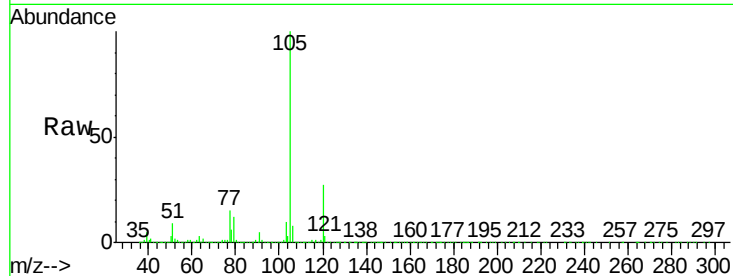
105 100

120 27.1 13.4 40.2

Manual Integrations
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MMDadoda

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#74

N-ethyl acetate

Concen: 19.194 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX014647.D

Acq: 17 Jan 2020 12:05

Tgt Ion: 43 Resp: 186600

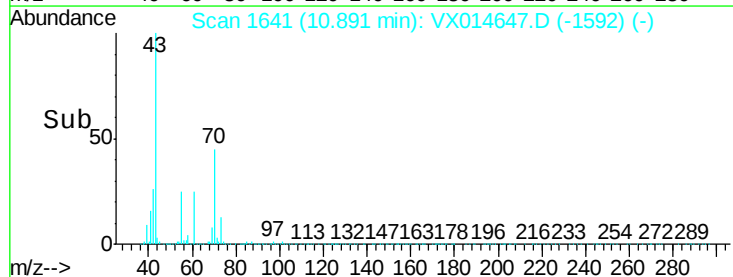
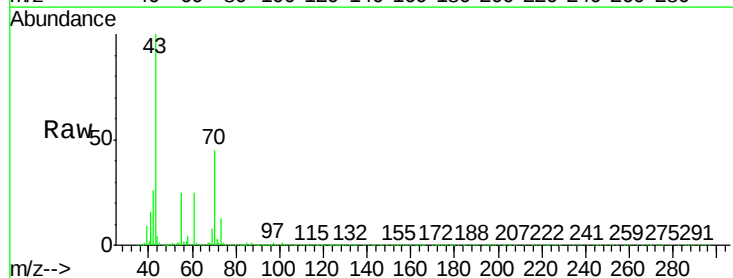
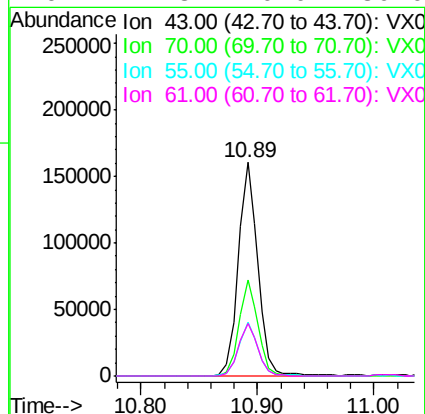
Ion Ratio Lower Upper

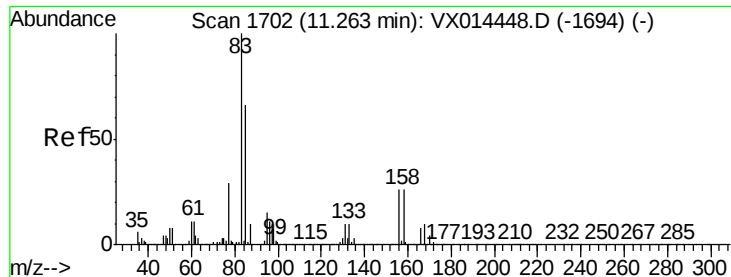
43 100

70 43.8 35.1 52.7

55 24.7 19.3 28.9

61 24.3 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.272 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX014647.D

Acq: 17 Jan 2020 12:05

Instrument :

MSVOA_X

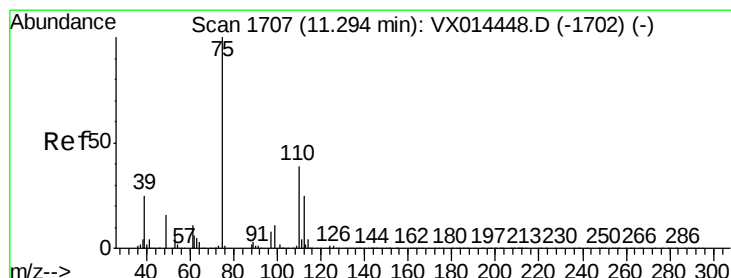
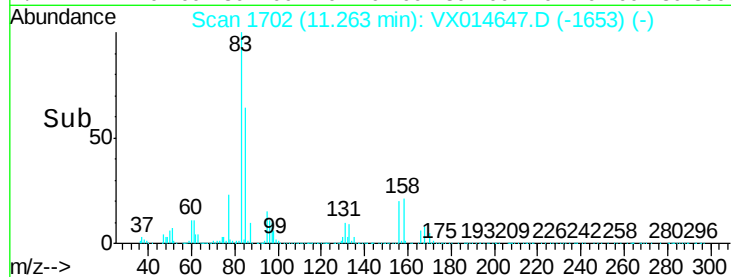
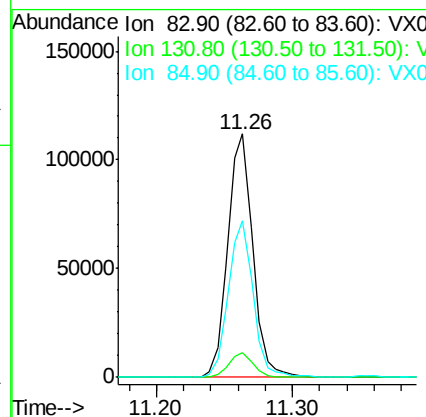
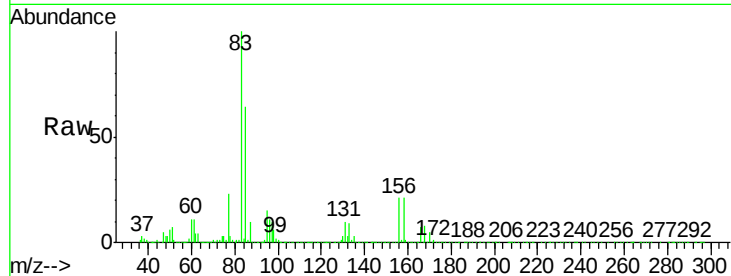
ClientSampled :

VX0117WBS01

Tot Ion:	83	Resp:	143254
Ion Ratio		Lower	Upper
83	100		
131	9.7	5.1	15.4
85	63.4	32.5	97.4

Manual Integrations
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MMDadoda
1/20/2020 11:19:45 AM



#76

1,2,3-Trichloropropane

Concen: 18.959 ug/l m

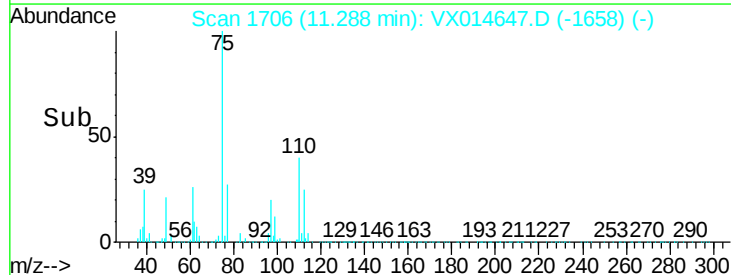
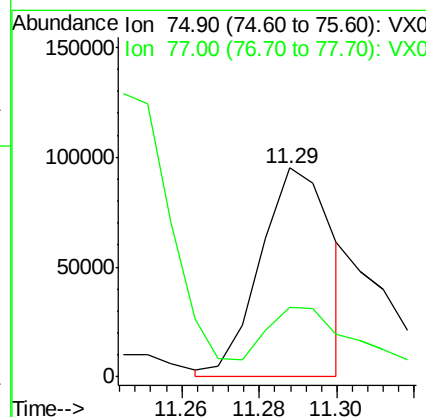
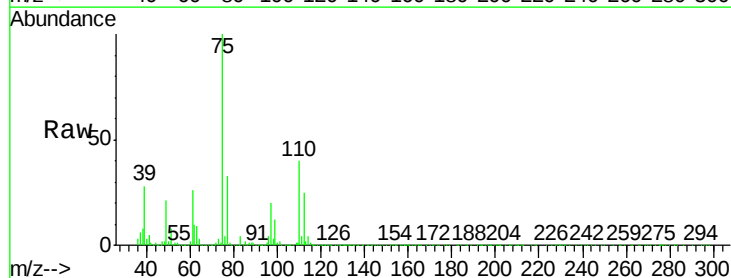
RT: 11.29 min Scan# 1706

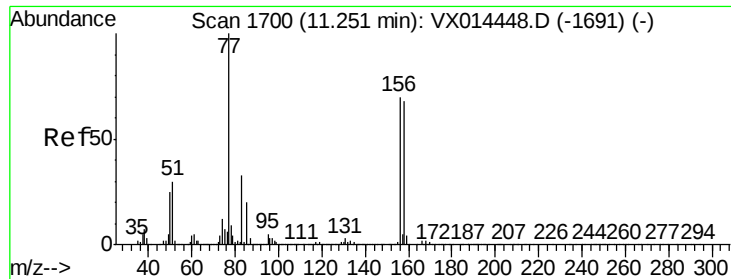
Delta R.T. -0.01 min

Lab File: VX014647.D

Acq: 17 Jan 2020 12:05

Tgt Ion:	75	Resp:	123092
Ion Ratio		Lower	Upper
75	100		
77	41.8	21.9	65.7





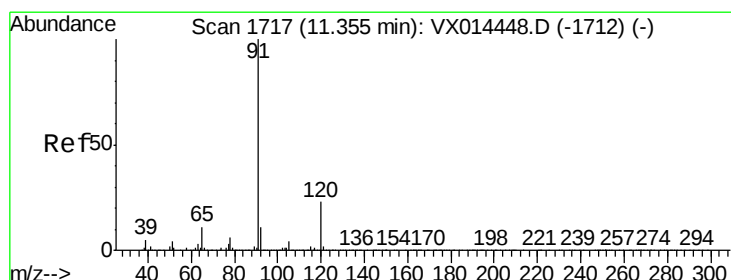
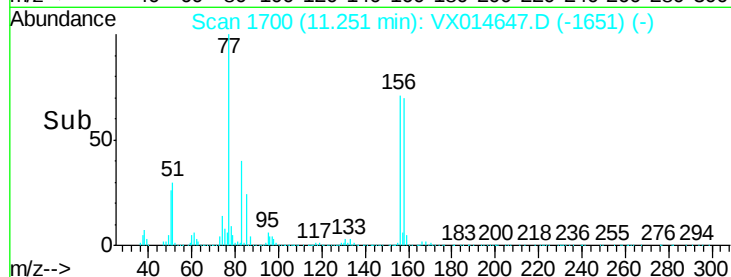
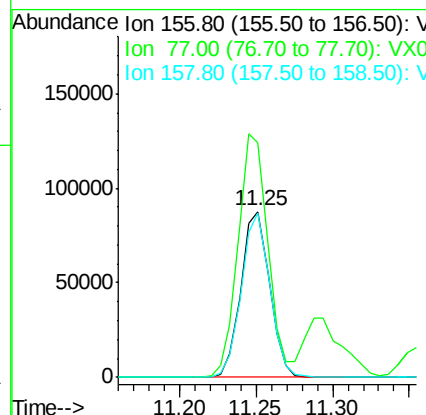
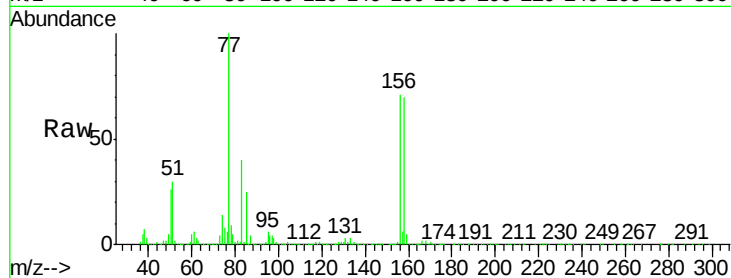
#77
Bromobenzene
Concen: 18.690 ug/l
RT: 11.25 min Scan# 1700
Delta R.T. -0.00 min
Lab File: VX014647.D
Acq: 17 Jan 2020 12:05

Instrument :
MSVOA_X
ClientSampleId :
VX0117WBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	153.9	75.4	226.3
158	98.6	48.8	146.3

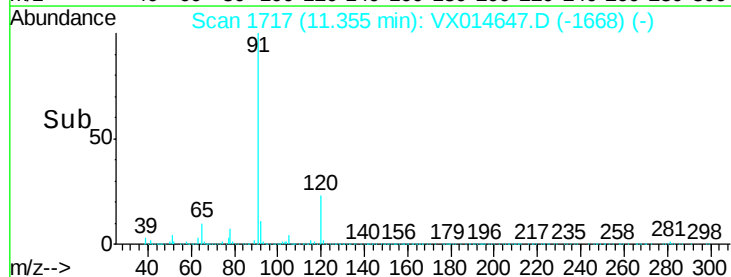
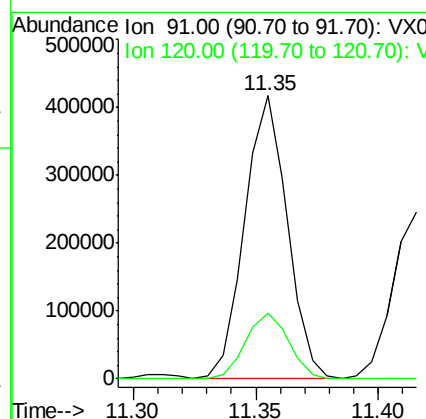
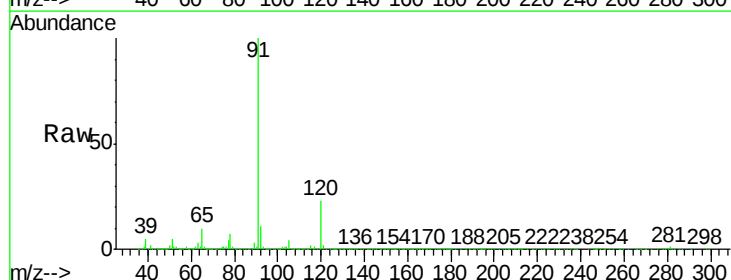
Manual Integrations
APPROVED

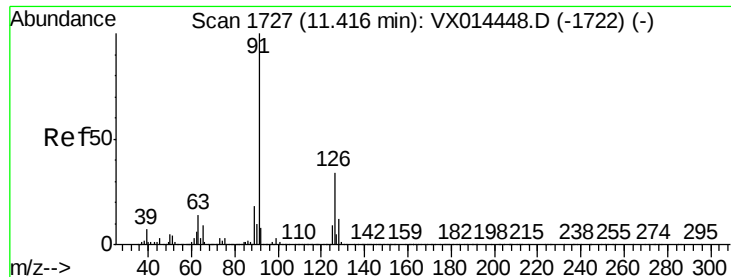
MMDadoda
1/20/2020 11:19:45 AM



#78
n-propylbenzene
Concen: 19.826 ug/l
RT: 11.35 min Scan# 1717
Delta R.T. -0.00 min
Lab File: VX014647.D
Acq: 17 Jan 2020 12:05

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.6	11.9	35.5





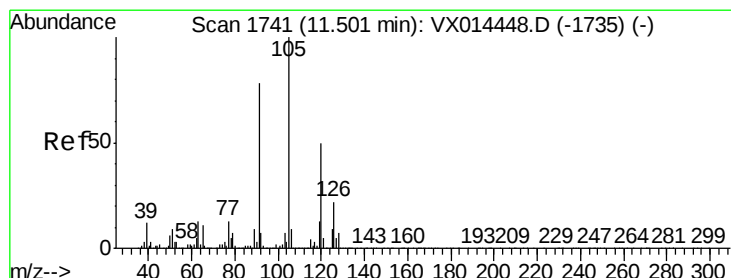
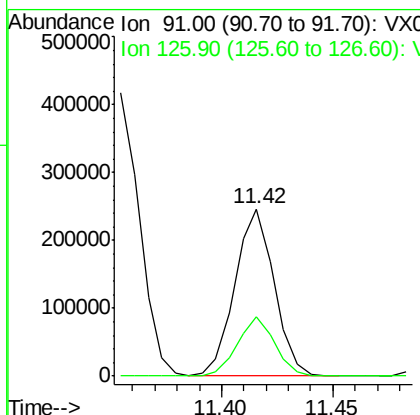
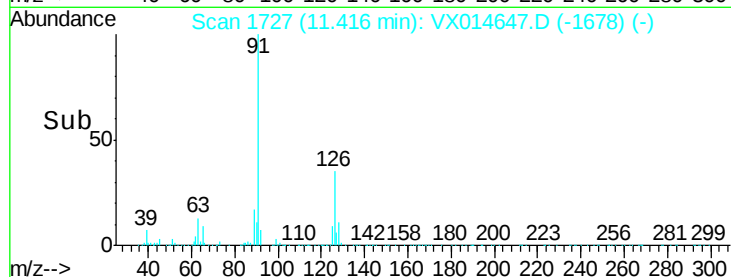
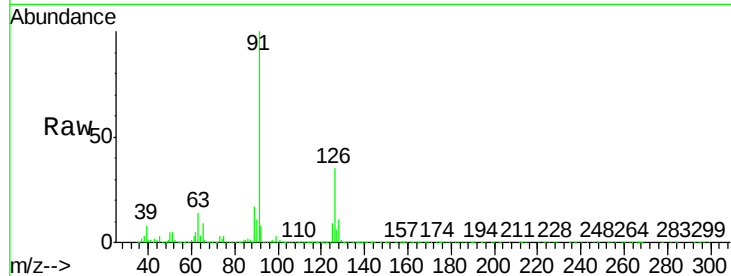
#79
2-Chlorotoluene
Concen: 20.013 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VX014647.D
Acq: 17 Jan 2020 12:05

Instrument :
MSVOA_X
ClientSampleId :
VX0117WBS01

Tot Ion: 91 Resp: 301011
Ion Ratio Lower Upper
91 100
126 34.2 17.5 52.5

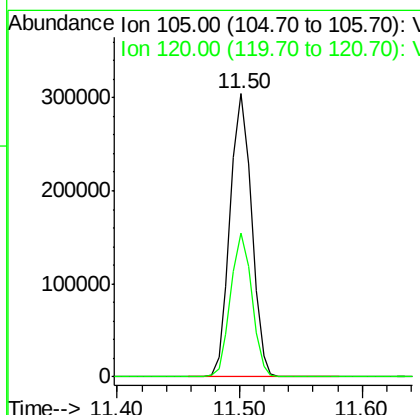
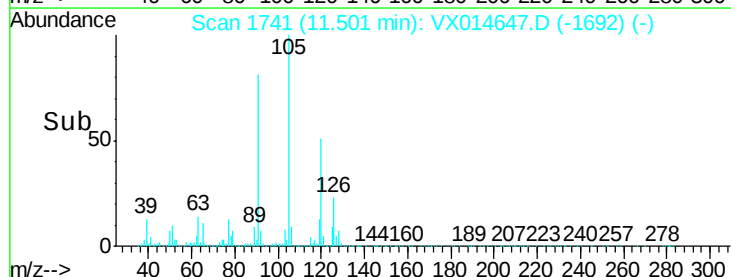
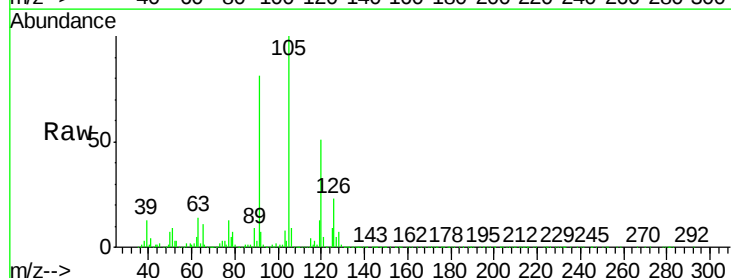
Manual Integrations
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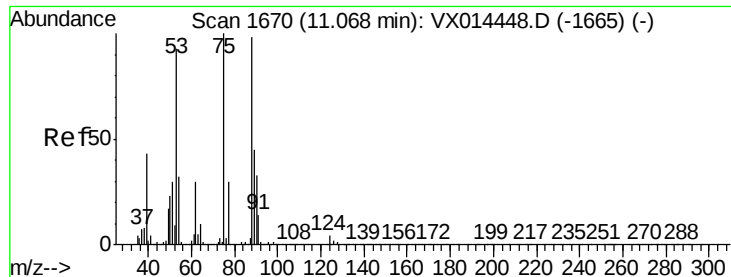
MMDadoda
1/20/2020 11:19:45 AM



#80
1,3,5-Trimethylbenzene
Concen: 20.162 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX014647.D
Acq: 17 Jan 2020 12:05

Tgt Ion: 105 Resp: 368851
Ion Ratio Lower Upper
105 100
120 50.1 25.2 75.6





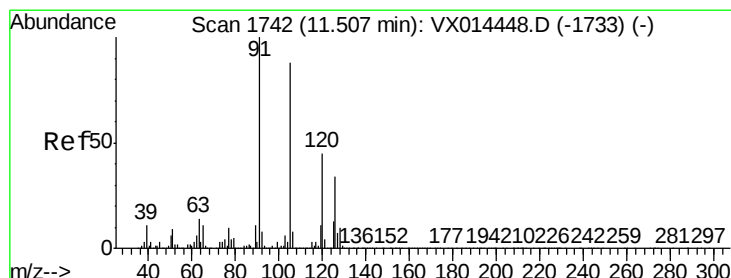
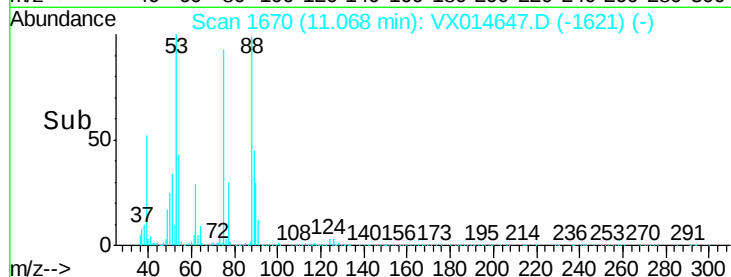
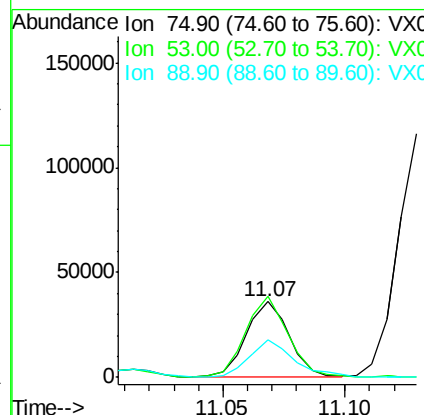
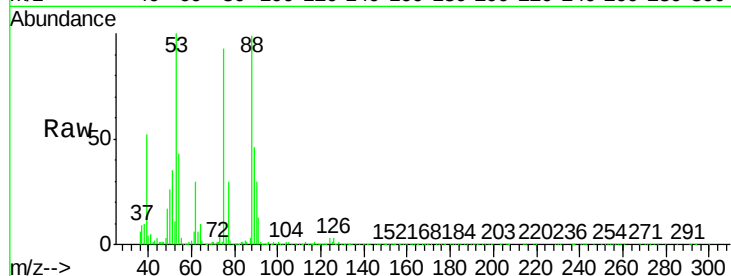
#81
trans-1,4-Dichloro-2-butene
Concen: 17.771 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX014647.D
Acq: 17 Jan 2020 12:05

Instrument :
MSVOA_X
ClientSampleId :
VX0117WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	105.7	74.8	112.2
89	52.5	36.3	54.5

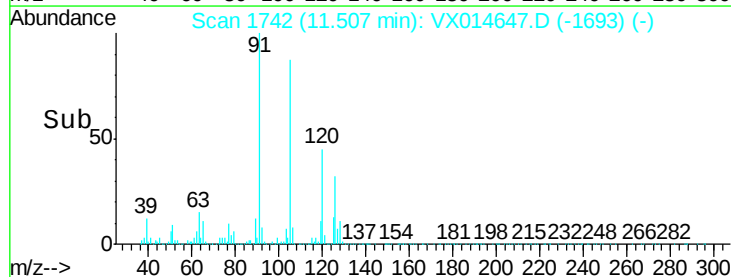
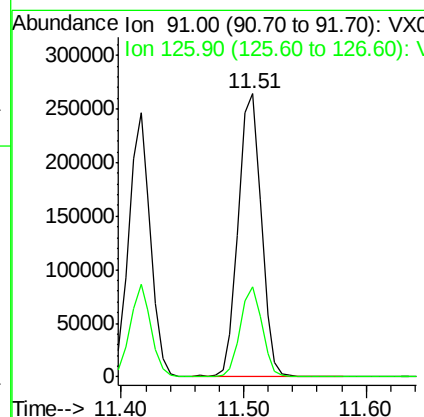
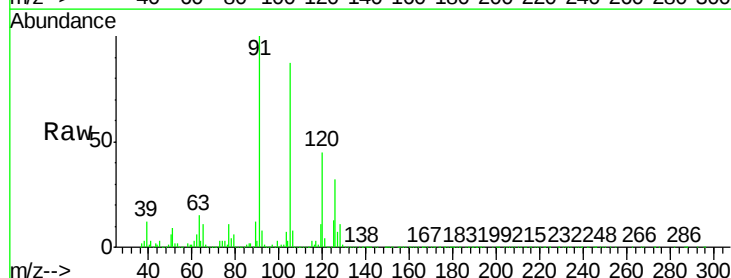
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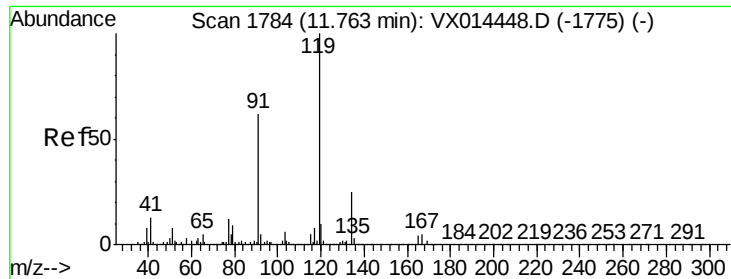
MMDadoda
1/20/2020 11:19:45 AM



#82
4-Chlorotoluene
Concen: 19.262 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX014647.D
Acq: 17 Jan 2020 12:05

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.1	15.9	47.7





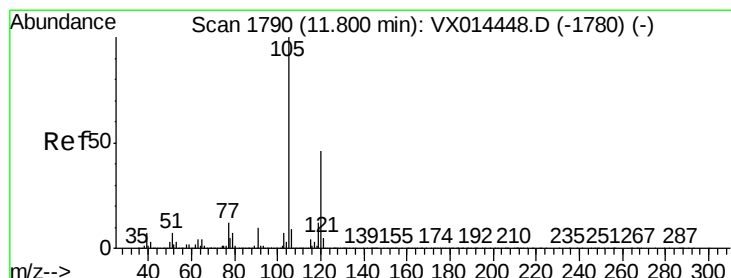
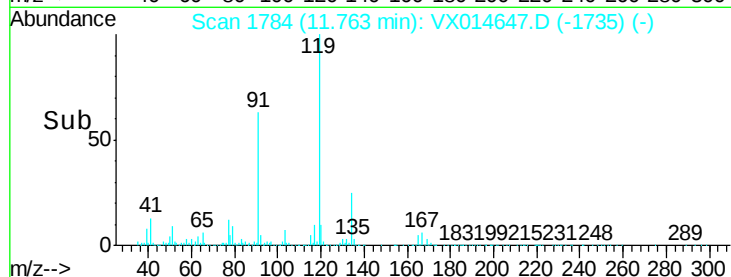
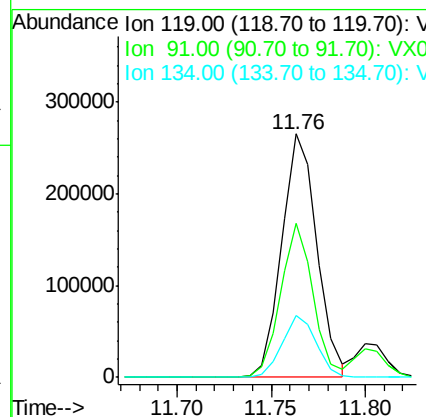
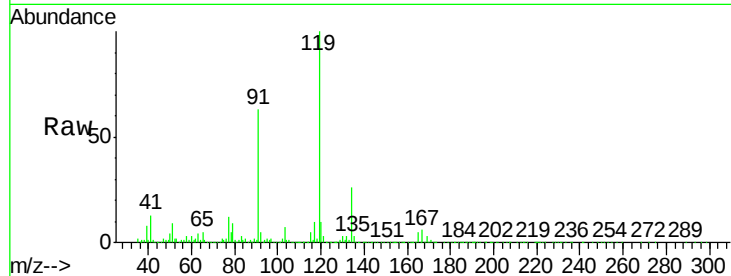
#83
tert-Butylbenzene
Concen: 19.792 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX014647.D
Acq: 17 Jan 2020 12:05

Instrument :
MSVOA_X
ClientSampleId :
VX0117WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	342132		
91	58.3	29.3	88.0	
134	24.8	12.4	37.4	

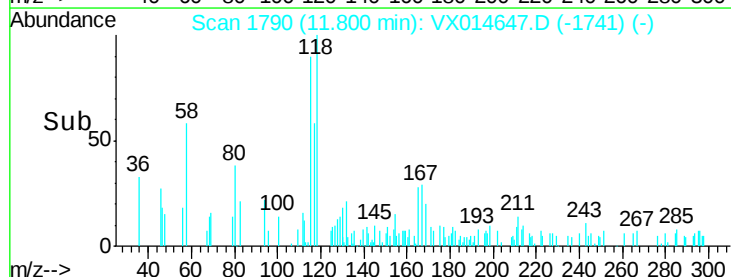
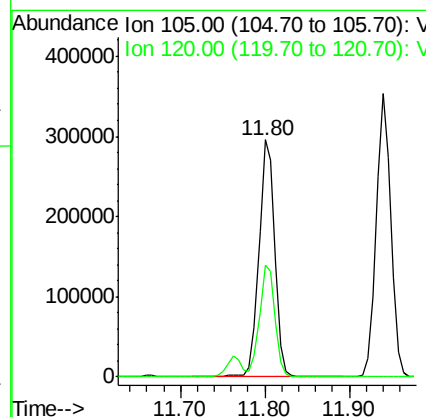
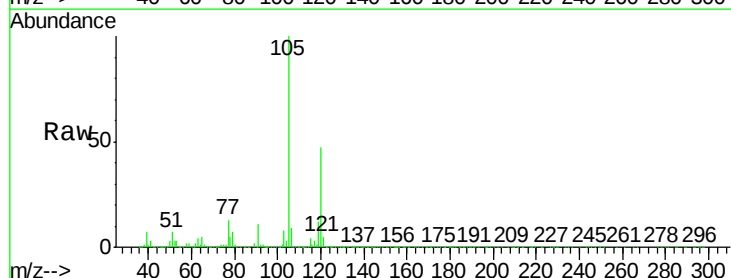
Manual Integrations
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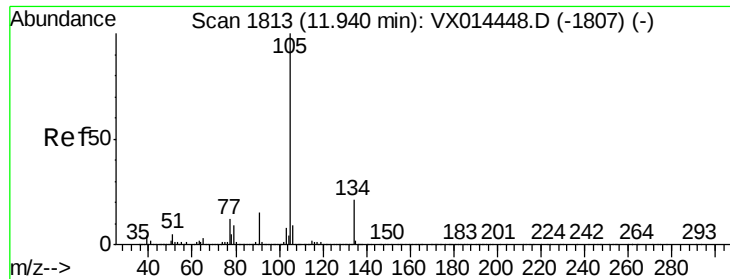
MMDadoda
1/20/2020 11:19:45 AM



#84
1,2,4-Trimethylbenzene
Concen: 20.124 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VX014647.D
Acq: 17 Jan 2020 12:05

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	372021		
120	45.9	23.1	69.3	





#85

sec-Butylbenzene

Concen: 19.781 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX014647.D

Acq: 17 Jan 2020 12:05

Instrument :

MSVOA_X

ClientSampleId :

VX0117WBS01

Tot Ion:105 Resp: 425081

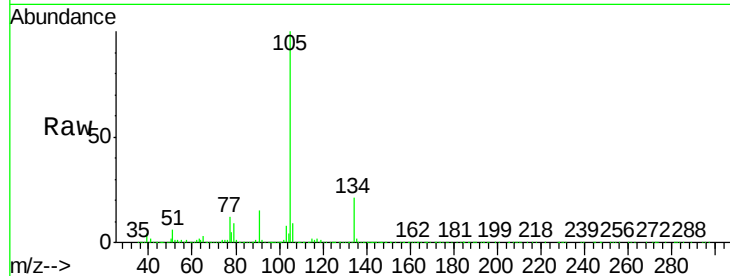
Ion Ratio Lower Upper

105 100

134 20.4 10.5 31.5

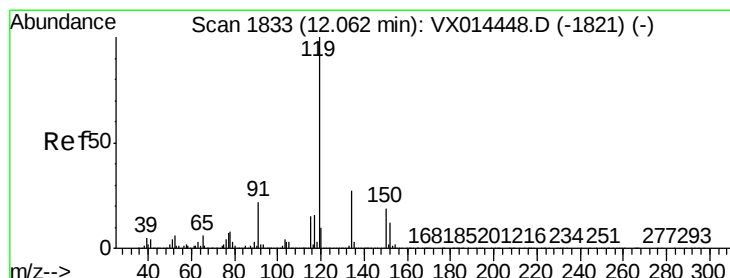
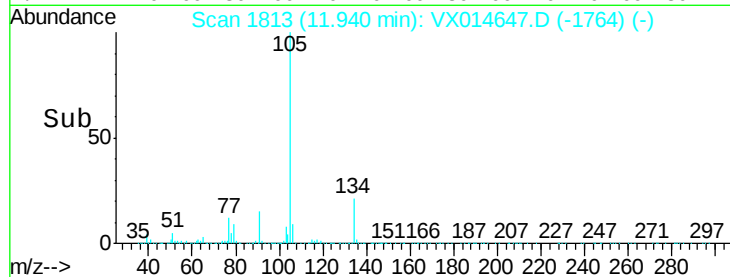
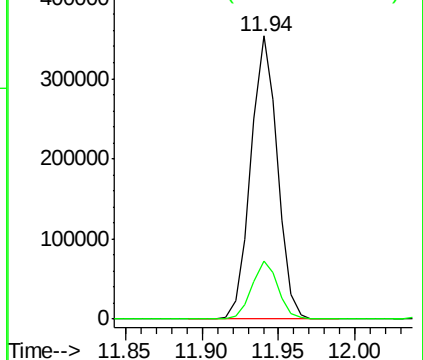
Manual Integrations
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1/20/2020 11:19:45 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.655 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014647.D

Acq: 17 Jan 2020 12:05

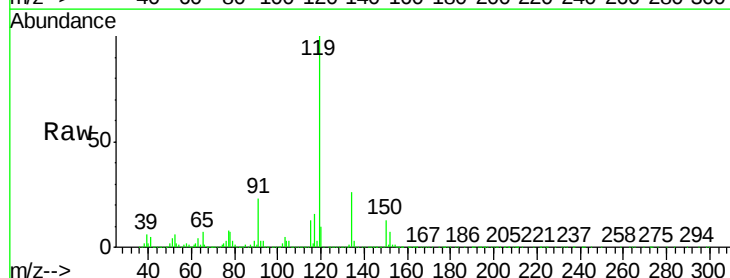
Tgt Ion:119 Resp: 391946

Ion Ratio Lower Upper

119 100

134 26.6 13.5 40.4

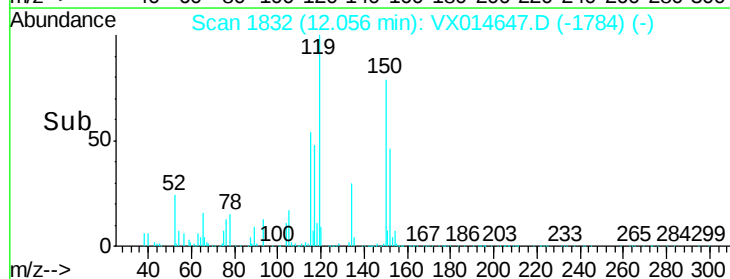
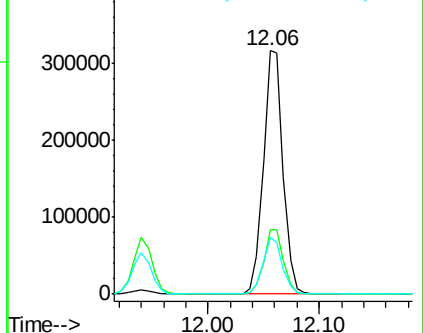
91 22.9 11.1 33.3

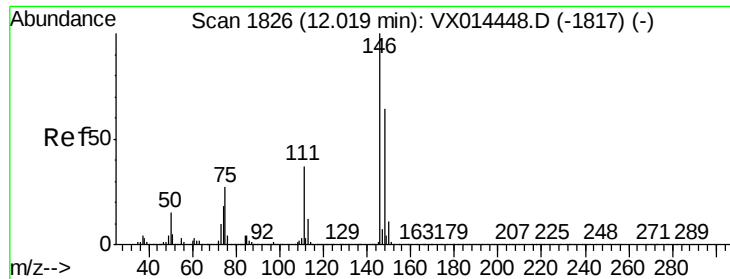


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 18.427 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VX014647.D

Acq: 17 Jan 2020 12:05

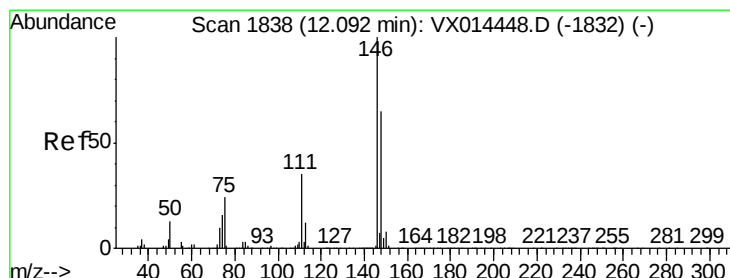
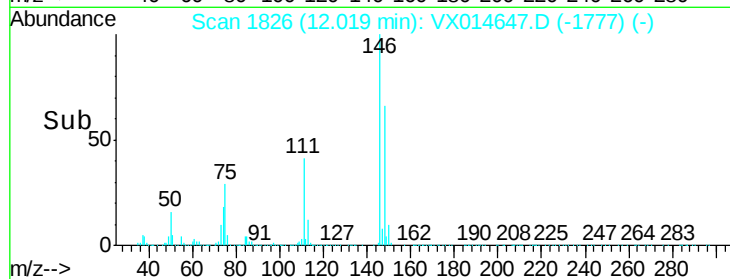
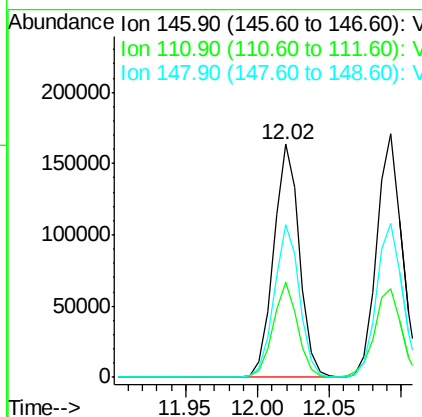
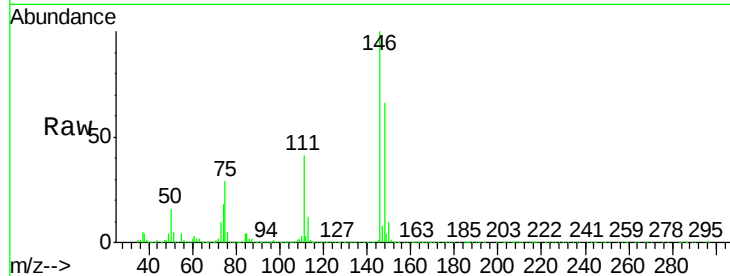
Instrument :
MSVOA_X

ClientSampleId :
VX0117WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	18.9	56.7
148	64.8	32.2	96.6

Manual Integrations
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1/20/2020 11:19:45 AM



#88

1,4-Dichlorobenzene

Concen: 19.251 ug/l

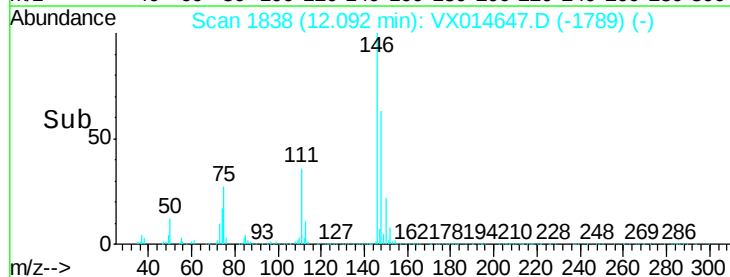
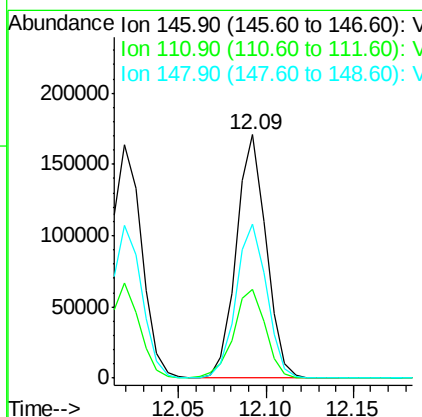
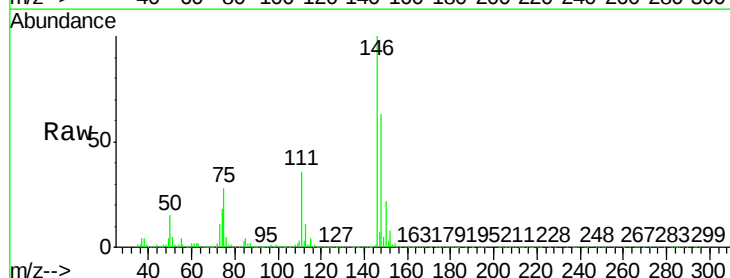
RT: 12.09 min Scan# 1838

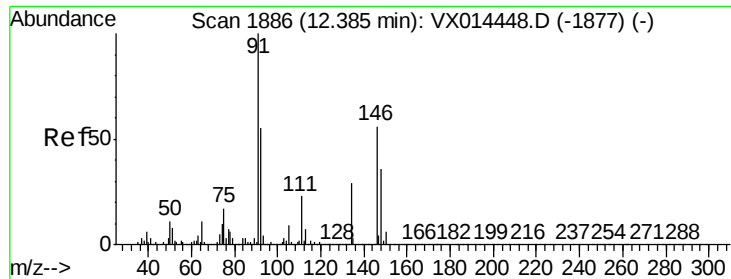
Delta R.T. 0.00 min

Lab File: VX014647.D

Acq: 17 Jan 2020 12:05

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.3	18.1	54.1
148	65.3	32.1	96.3





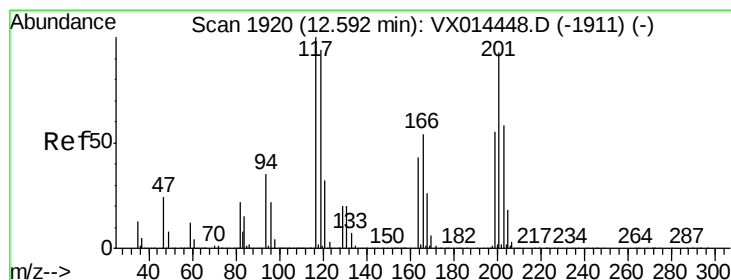
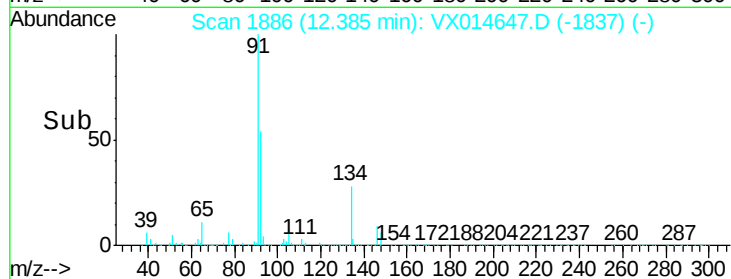
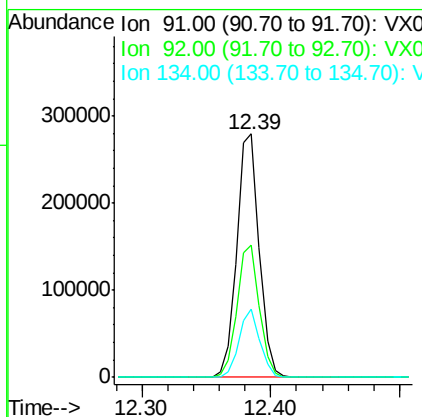
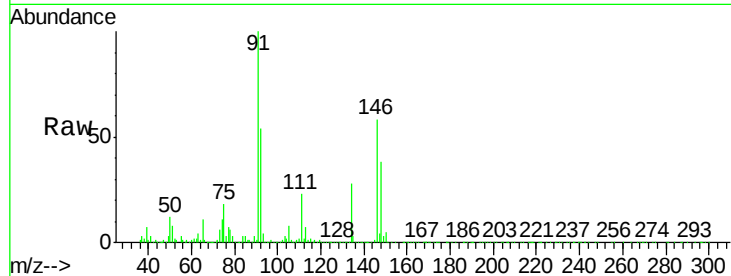
#89
n-Butylbenzene
Concen: 18.470 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX014647.D
Acq: 17 Jan 2020 12:05

Instrument :
MSVOA_X
ClientSampleId :
VX0117WBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	54.4	27.4	82.2	
134	26.3	13.9	41.7	

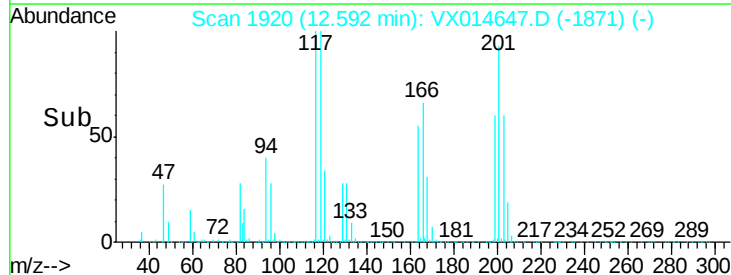
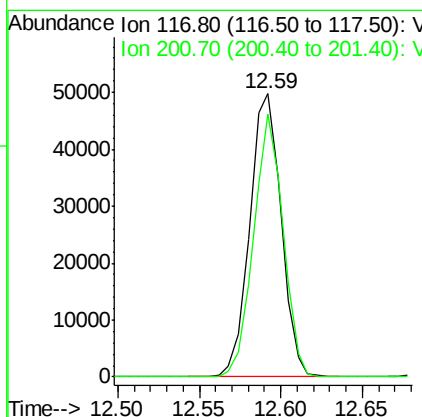
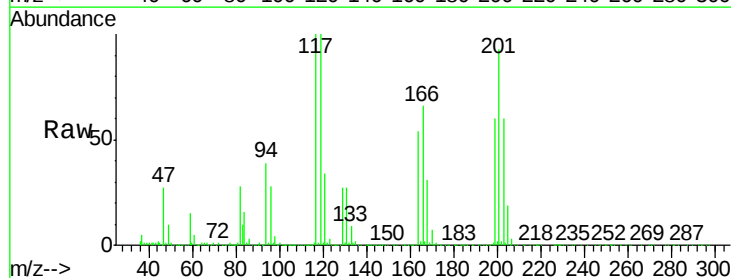
Manual Integrations
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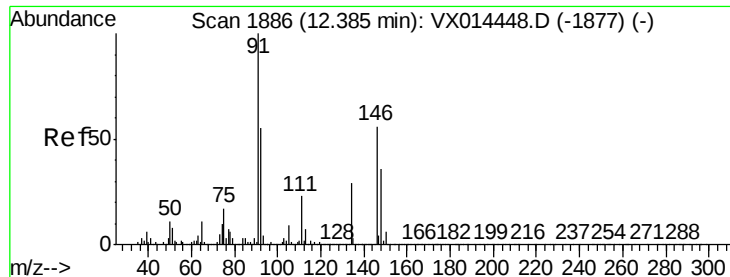
MMDadoda
1/20/2020 11:19:45 AM



#90
Hexachloroethane
Concen: 19.148 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX014647.D
Acq: 17 Jan 2020 12:05

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	86.9	44.8	134.3	





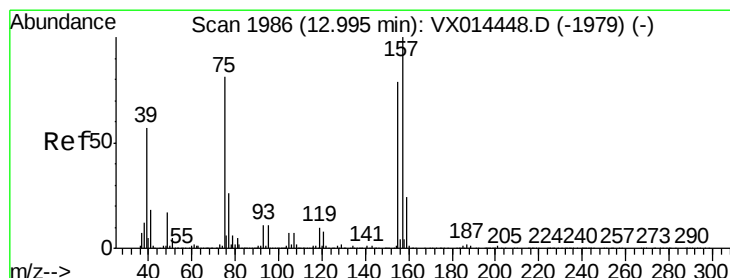
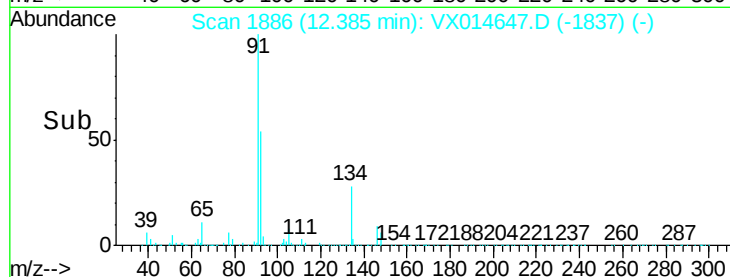
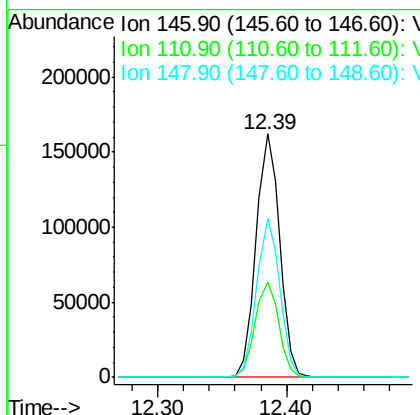
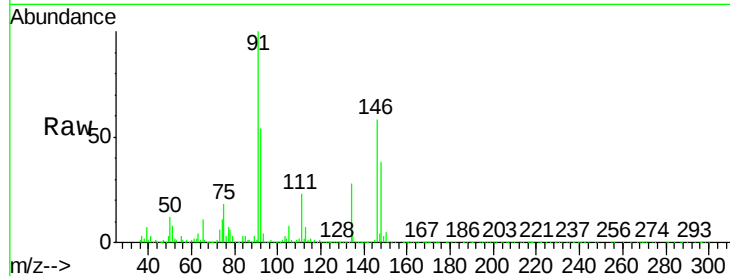
#91
 1,2-Dichlorobenzene
 Concen: 18.931 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX014647.D
 Acq: 17 Jan 2020 12:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0117WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.8	59.4
148	64.3	32.3	96.8

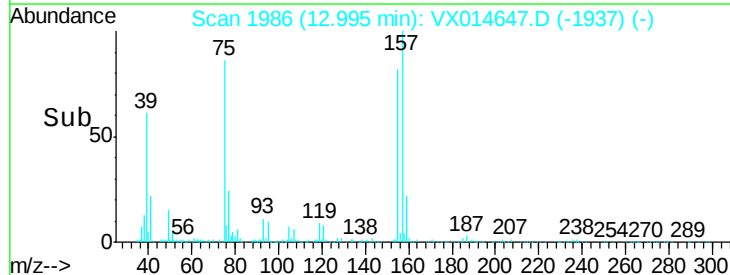
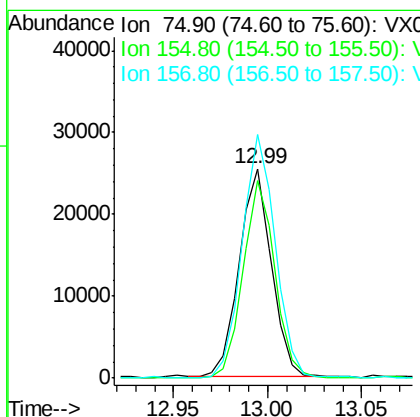
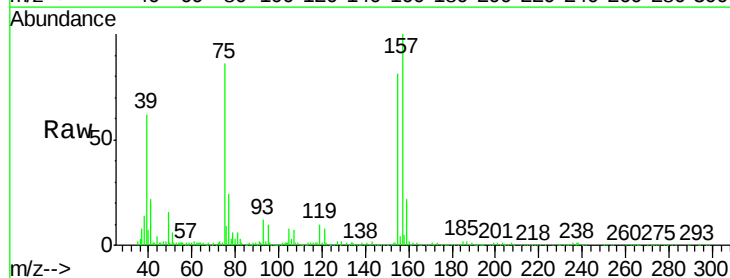
Manual Integrations
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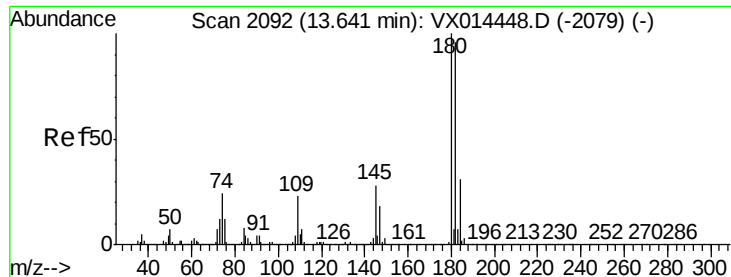
MMDadoda
 1/20/2020 11:19:45 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.931 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX014647.D
 Acq: 17 Jan 2020 12:05

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.1	48.7	146.1
157	120.9	62.0	185.9





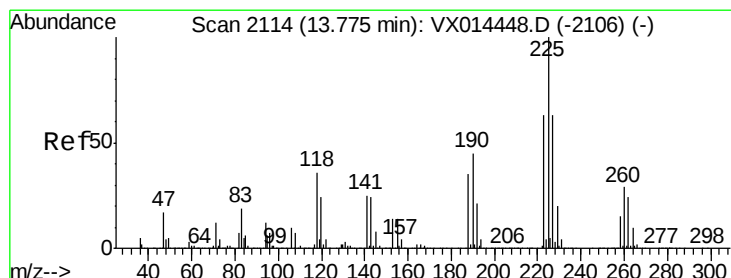
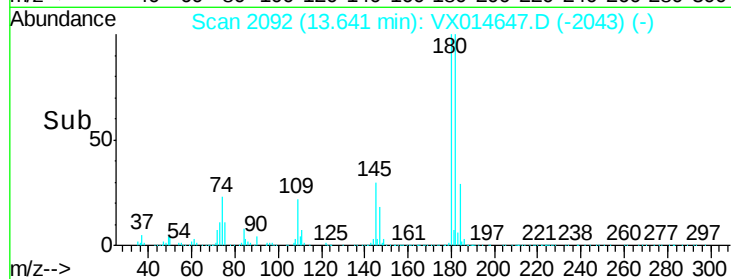
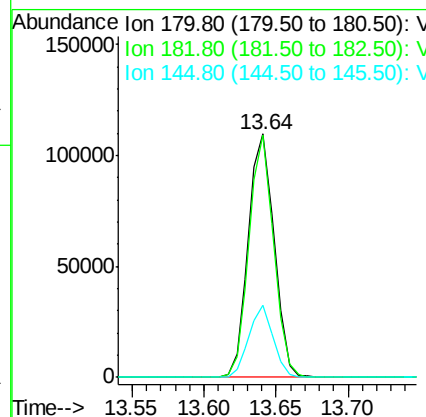
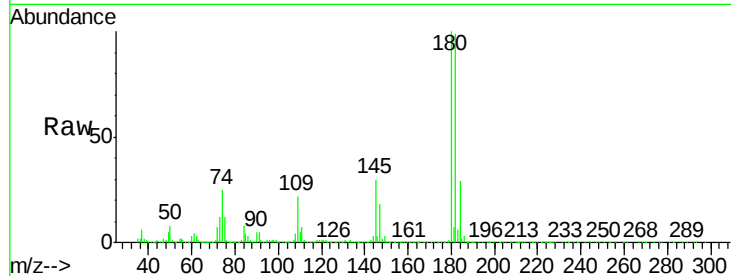
#93
 1,2,4-Trichlorobenzene
 Concen: 18.006 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014647.D
 Acq: 17 Jan 2020 12:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0117WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	136325		
182	94.7	47.5	142.5	
145	28.0	13.9	41.6	

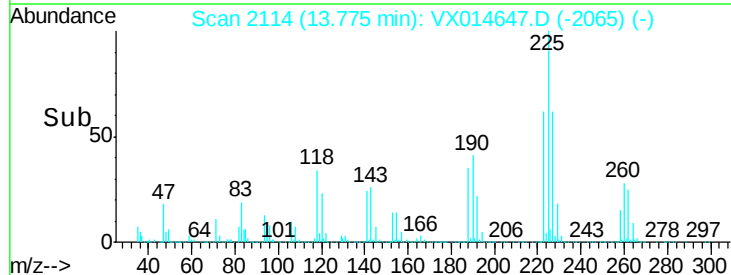
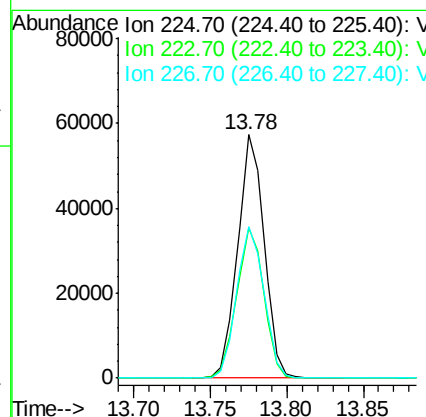
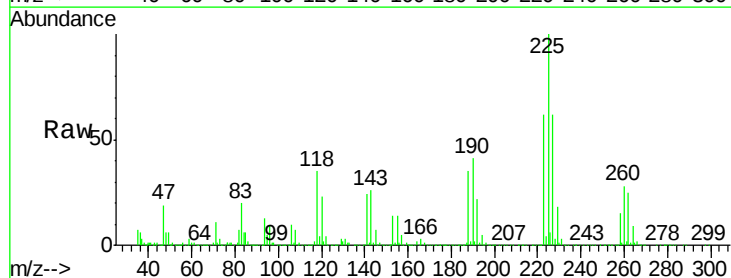
Manual Integrations
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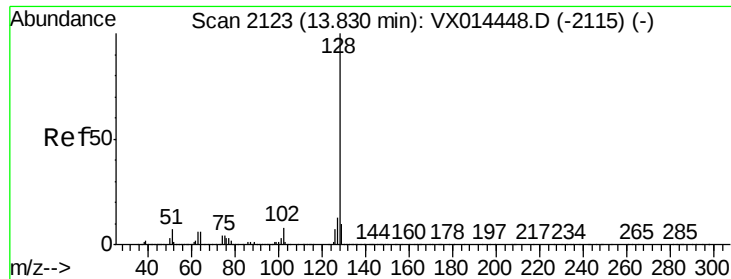
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#94
 Hexachlorobutadiene
 Concen: 19.509 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014647.D
 Acq: 17 Jan 2020 12:05

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	68774		
223	63.6	31.1	93.2	
227	64.4	31.4	94.2	





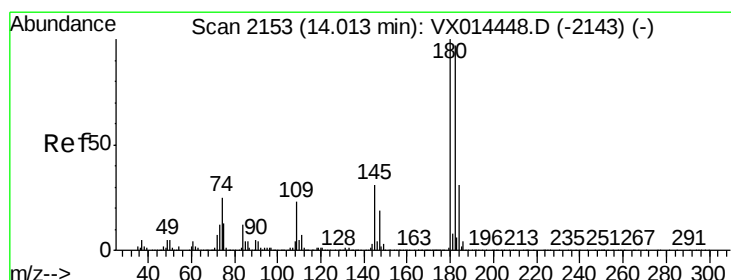
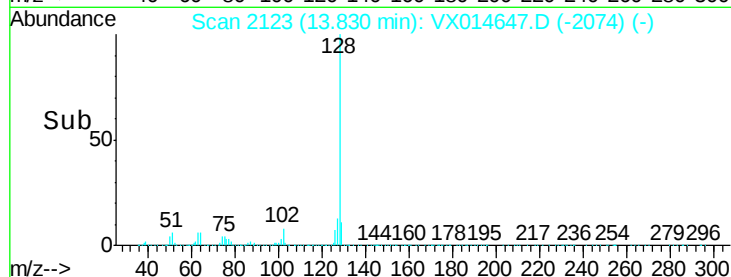
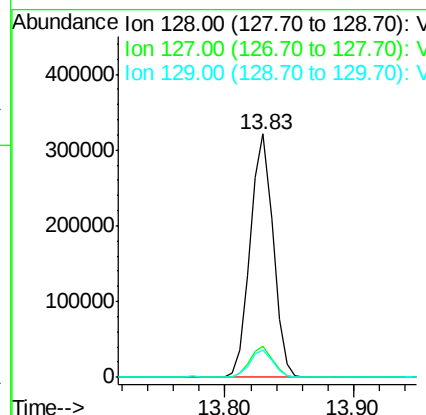
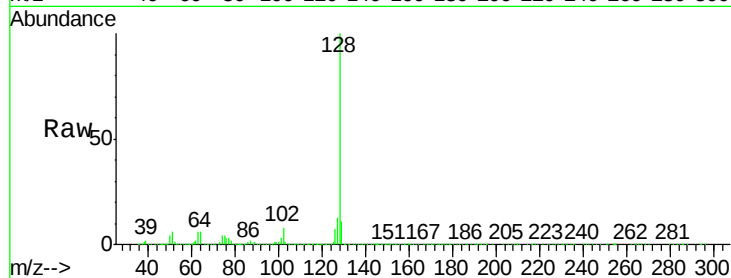
#95
Naphthalene
Concen: 16.772 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX014647.D
Acq: 17 Jan 2020 12:05

Instrument :
MSVOA_X
ClientSampleId :
VX0117WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.3	15.5
129	11.1	8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 18.588 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014647.D
Acq: 17 Jan 2020 12:05

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.9	143.6
145	30.0	14.8	44.3

