

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX012220\
 Data File : VX014680.D
 Acq On : 22 Jan 2020 10:18
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 1/24/2020 1:38:52 PM

Quant Time: Jan 22 11:58:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 11:47:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	432477	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	660362	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	584338	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	265410	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	0.00	65	0d	0.00	ug/l	
Spiked Amount			Recovery	=	0.00%	
35) Dibromofluoromethane	0.00	113	0d	0.00	ug/l	
Spiked Amount			Recovery	=	0.00%	
50) Toluene-d8	0.00	98	0d	0.00	ug/l	
Spiked Amount			Recovery	=	0.00%	
62) 4-Bromofluorobenzene	0.00	95	0d	0.00	ug/l	
Spiked Amount			Recovery	=	0.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	3566	0.730	ug/l	95
3) Chloromethane	1.32	50	5541	0.993	ug/l	93
4) Vinyl Chloride	1.40	62	5210	0.841	ug/l #	88
6) Chloroethane	1.72	64	5200	1.410	ug/l	95
7) Trichlorofluoromethane	1.92	101	7768	1.106	ug/l	85
8) Diethyl Ether	2.18	74	3294	1.030	ug/l	85
9) 1,1,2-Trichlorotrifluoroet	2.38	101	4213	0.987	ug/l #	84
12) 1,1-Dichloroethene	2.37	96	4386	1.023	ug/l	88
14) Allyl chloride	2.72	41	6800	0.897	ug/l #	82
15) Acrylonitrile	3.13	53	11931	4.846	ug/l	94
16) Acetone	2.43	43	20204	7.604	ug/l	92
17) Carbon Disulfide	2.56	76	11557	0.964	ug/l	97
18) Methyl Acetate	2.76	43	7522	1.069	ug/l	95
19) Methyl tert-butyl Ether	3.19	73	13848	1.005	ug/l	99
20) Methylene Chloride	2.85	84	5831	1.191	ug/l	93
21) trans-1,2-Dichloroethene	3.15	96	5439	1.159	ug/l	83
22) Diisopropyl ether	3.84	45	14022	0.953	ug/l #	76
23) Vinyl Acetate	3.81	43	53192	4.699	ug/l	98
24) 1,1-Dichloroethane	3.69	63	7808	0.980	ug/l #	87
25) 2-Butanone	4.66	43	18958	5.190	ug/l	96
26) 2,2-Dichloropropane	4.57	77	6894	1.030	ug/l	87
27) cis-1,2-Dichloroethene	4.58	96	5654	1.078	ug/l	88
28) Bromochloromethane	5.00	49	4697	1.395	ug/l #	83
29) Tetrahydrofuran	5.12	42	10427	4.836	ug/l	94
30) Chloroform	5.20	83	8397	1.077	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	7251	1.093	ug/l #	48
36) 1,1-Dichloropropene	5.79	75	5521	0.881	ug/l #	79
37) Ethyl Acetate	4.83	43	6147	0.903	ug/l #	84
38) Carbon Tetrachloride	5.77	117	5748	1.000	ug/l #	84
39) Methylcyclohexane	7.45	83	6782	0.865	ug/l #	84
40) Benzene	6.14	78	17758	0.953	ug/l #	89
41) Methacrylonitrile	5.03	41	5474	1.497	ug/l #	63
42) 1,2-Dichloroethane	6.19	62	6228	0.955	ug/l	98
43) Isopropyl Acetate	6.43	43	10840	0.985	ug/l #	91

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 ALS Vial : 2 Sample Multiplier: 1

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Manual Integrations
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Quant Time: Jan 22 11:58:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 11:47:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	7.21	130	5564	1.044	ug/l	86
45) 1,2-Dichloropropane	7.50	63	4463	0.939	ug/l	99
46) Dibromomethane	7.66	93	2831	0.856	ug/l #	80
47) Bromodichloromethane	7.89	83	5585	0.925	ug/l #	94
48) Methyl methacrylate	7.76	41	4150	0.785	ug/l	95
49) 1,4-Dioxane	7.75	88	2074	18.811	ug/l #	26
51) 4-Methyl-2-Pentanone	8.64	43	30909	4.595	ug/l	97
52) Toluene	8.78	92	10203	0.859	ug/l	91
53) t-1,3-Dichloropropene	9.03	75	5344	0.766	ug/l	94
54) cis-1,3-Dichloropropene	8.43	75	5692	0.754	ug/l #	90
55) 1,1,2-Trichloroethane	9.21	97	4326	0.904	ug/l	93
56) Ethyl methacrylate	9.17	69	5010	0.687	ug/l #	70
57) 1,3-Dichloropropane	9.37	76	7633	0.952	ug/l	96
58) 2-Chloroethyl Vinyl ether	8.31	63	8988	3.616	ug/l	90
59) 2-Hexanone	9.49	43	22455	4.225	ug/l	93
60) Dibromochloromethane	9.57	129	4615	0.961	ug/l	93
61) 1,2-Dibromoethane	9.67	107	4609	0.911	ug/l	97
64) Tetrachloroethene	9.33	164	5799	0.984	ug/l	97
65) Chlorobenzene	10.14	112	12344	0.968	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.21	131	4597	1.011	ug/l #	64
67) Ethyl Benzene	10.24	91	19022	0.874	ug/l	100
68) m/p-Xylenes	10.35	106	13270	1.581	ug/l	99
69) o-Xylene	10.70	106	6679	0.835	ug/l	97
70) Styrene	10.71	104	9720	0.704	ug/l	93
71) Bromoform	10.85	173	3076	0.831	ug/l #	89
73) Isopropylbenzene	11.01	105	15811	0.842	ug/l	93
74) N-amyl acetate	10.89	43	5908	0.714	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	11.26	83	7451	1.229	ug/l	95
76) 1,2,3-Trichloropropane	11.29	75	6316m	1.107	ug/l	
77) Bromobenzene	11.25	156	4652	0.896	ug/l	93
78) n-propylbenzene	11.35	91	17837	0.828	ug/l	96
79) 2-Chlorotoluene	11.42	91	11699	0.911	ug/l	96
80) 1,3,5-Trimethylbenzene	11.50	105	12605	0.807	ug/l	92
82) 4-Chlorotoluene	11.51	91	12625	0.838	ug/l	98
83) tert-Butylbenzene	11.76	119	11837	0.806	ug/l	92
84) 1,2,4-Trimethylbenzene	11.80	105	12161	0.771	ug/l	94
85) sec-Butylbenzene	11.94	105	14381	0.785	ug/l	98
86) p-Isopropyltoluene	12.06	119	13185	0.777	ug/l	91
87) 1,3-Dichlorobenzene	12.02	146	9087	0.975	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	9011m	0.946	ug/l	
89) n-Butylbenzene	12.38	91	11973	0.775	ug/l	96
90) Hexachloroethane	12.59	117	2984	1.003	ug/l	89
91) 1,2-Dichlorobenzene	12.38	146	8814	0.964	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.99	75	1398	1.037	ug/l	82
93) 1,2,4-Trichlorobenzene	13.64	180	4973	0.721	ug/l	94
94) Hexachlorobutadiene	13.77	225	2916	0.899	ug/l	89
95) Naphthalene	13.83	128	11607	0.591	ug/l #	93
96) 1,2,3-Trichlorobenzene	14.01	180	5015	0.741	ug/l	82

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

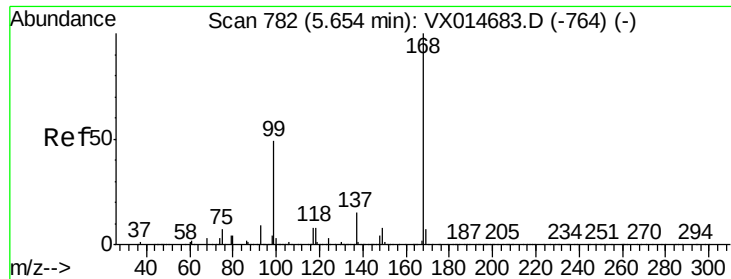
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Quant Time: Jan 22 11:58:32 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 22 11:47:55 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = 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: VX014680.D

Acq: 22 Jan 2020 10:18

Instrument :

MSVOA_X

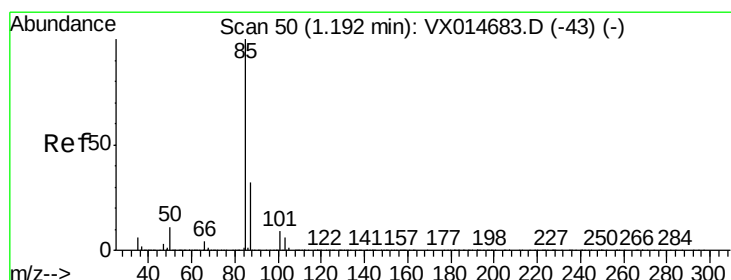
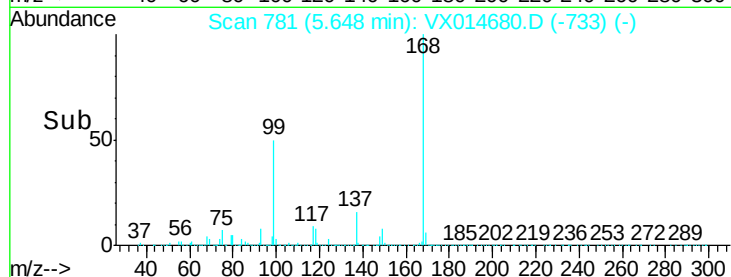
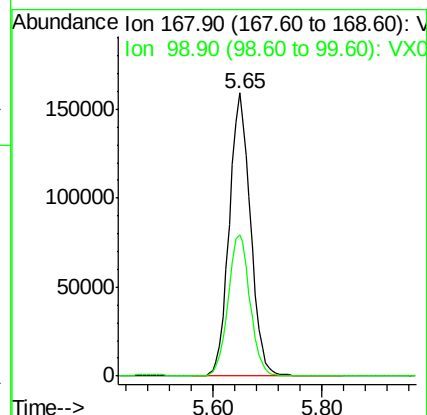
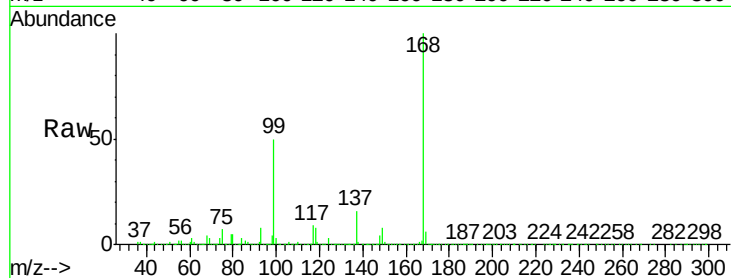
ClientSampleId :

VSTDIC001

Tot Ion	Ratio	Resp	Lower	Upper
168	100	432477		
99	49.8	39.8	59.6	

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#2

Dichlorodifluoromethane

Concen: 0.730 ug/l

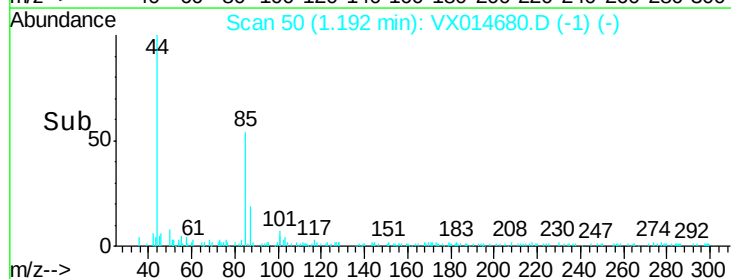
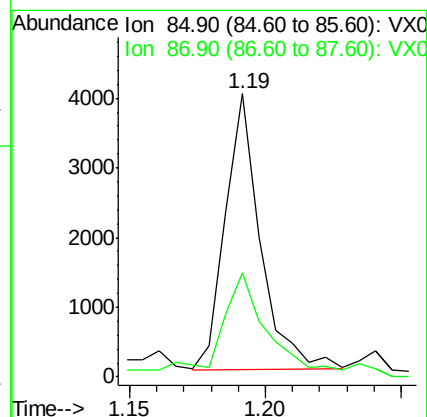
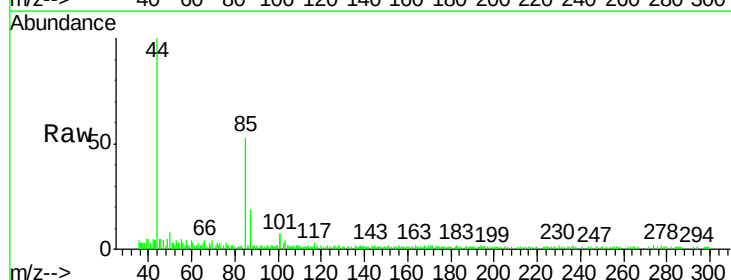
RT: 1.19 min Scan# 50

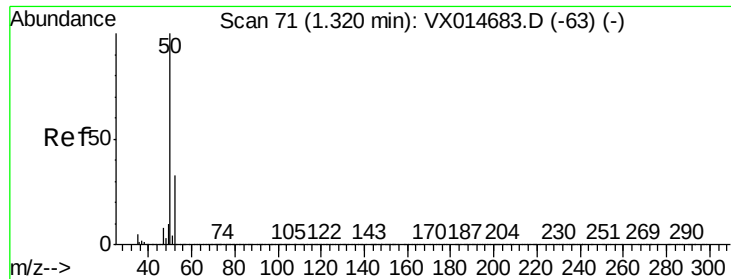
Delta R.T. -0.00 min

Lab File: VX014680.D

Acq: 22 Jan 2020 10:18

Tgt Ion	Ratio	Resp	Lower	Upper
85	100	3566		
87	35.2	16.2	48.5	





#3

Chloromethane

Concen: 0.993 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX014680.D

Acq: 22 Jan 2020 10:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 50 Resp: 5541

Ion Ratio Lower Upper

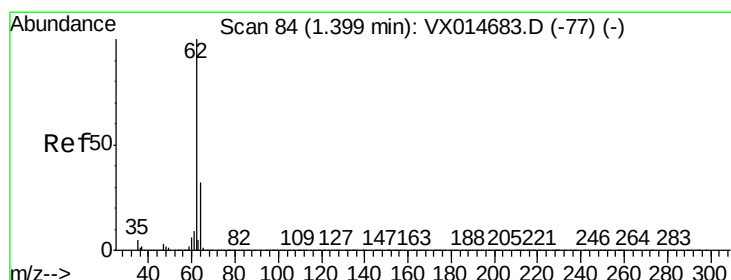
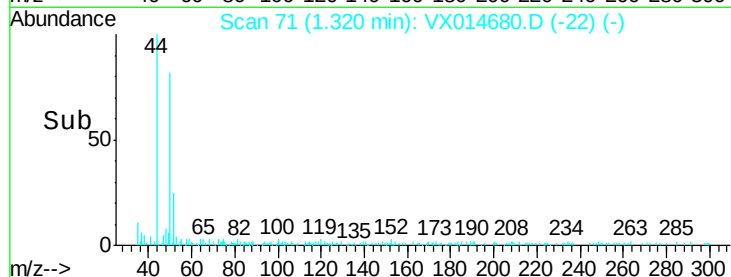
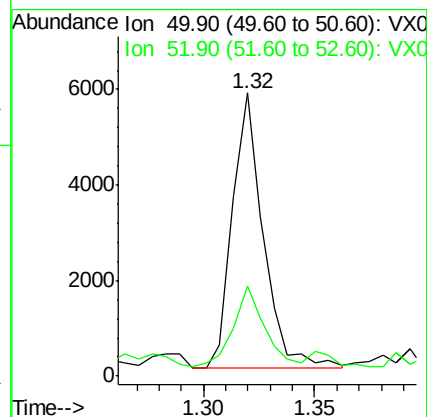
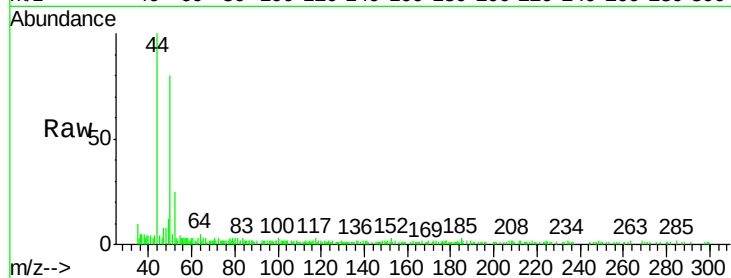
50 100

52 29.0 26.2 39.2

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#4

Vinyl Chloride

Concen: 0.841 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX014680.D

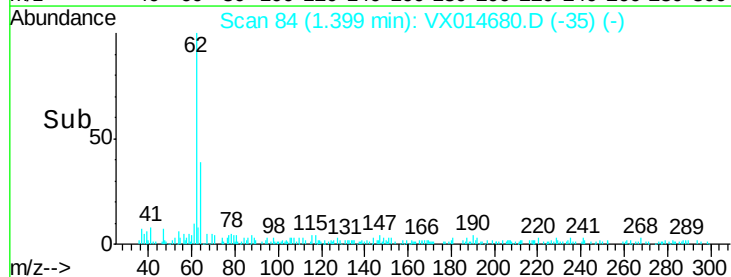
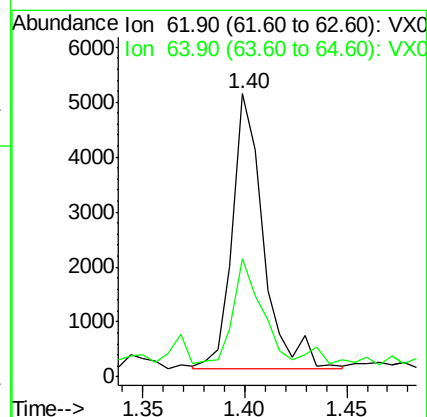
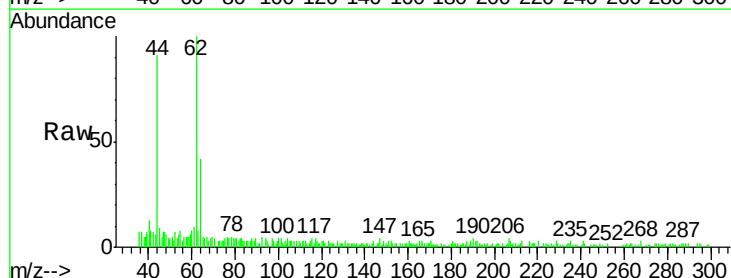
Acq: 22 Jan 2020 10:18

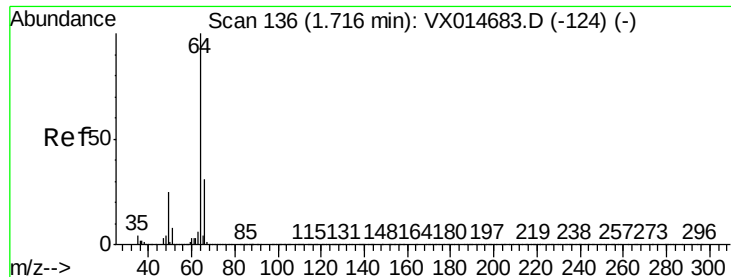
Tgt Ion: 62 Resp: 5210

Ion Ratio Lower Upper

62 100

64 38.4 25.4 38.2#





#6

Chloroethane

Concen: 1.410 ug/l

RT: 1.72 min Scan# 137

Delta R.T. 0.01 min

Lab File: VX014680.D

Acq: 22 Jan 2020 10:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 64 Resp: 5200

Ion Ratio Lower Upper

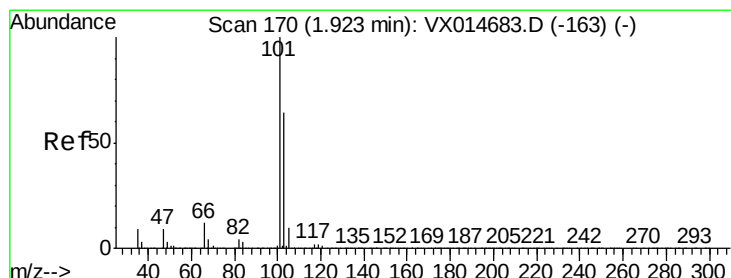
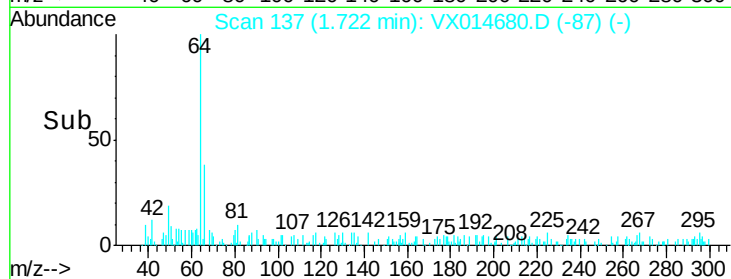
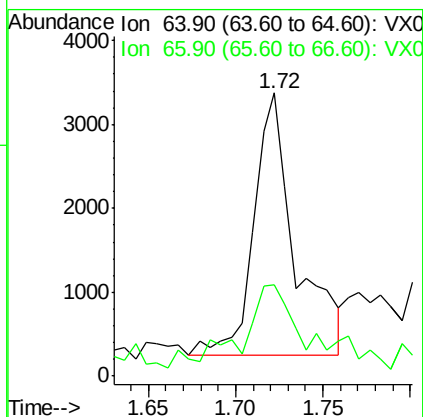
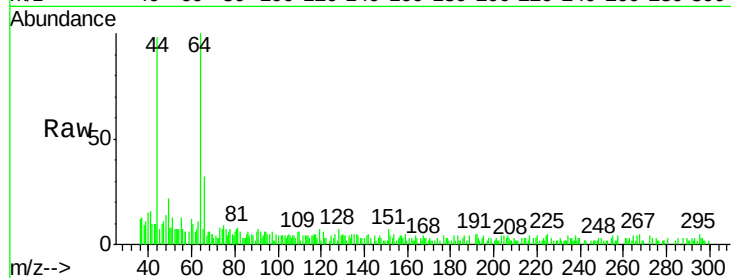
64 100

66 28.6 25.2 37.8

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#7

Trichlorofluoromethane

Concen: 1.106 ug/l

RT: 1.92 min Scan# 170

Delta R.T. -0.00 min

Lab File: VX014680.D

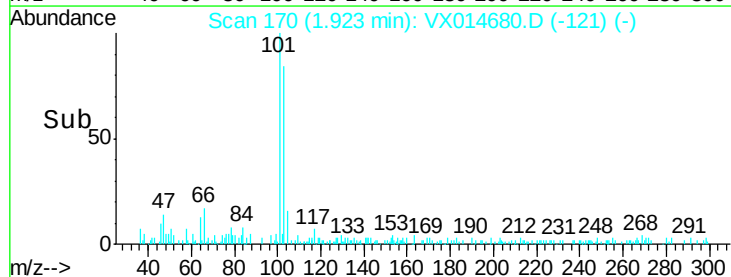
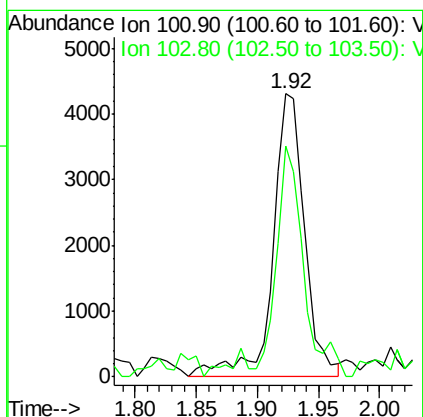
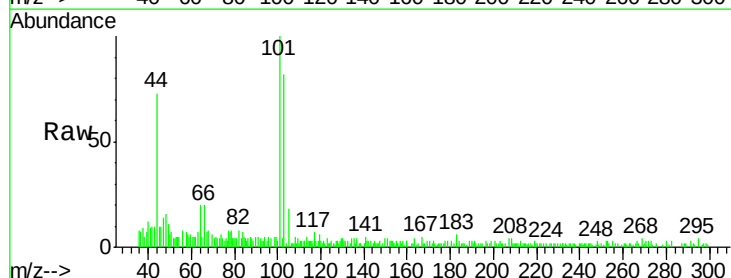
Acq: 22 Jan 2020 10:18

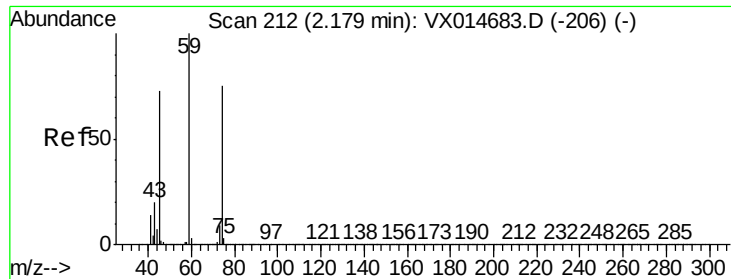
Tgt Ion: 101 Resp: 7768

Ion Ratio Lower Upper

101 100

103 75.6 51.0 76.6





#8

Diethyl Ether

Concen: 1.030 ug/l

RT: 2.18 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX014680.D

Acq: 22 Jan 2020 10:18

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

Tot Ion: 74 Resp: 3294

Ion Ratio Lower Upper

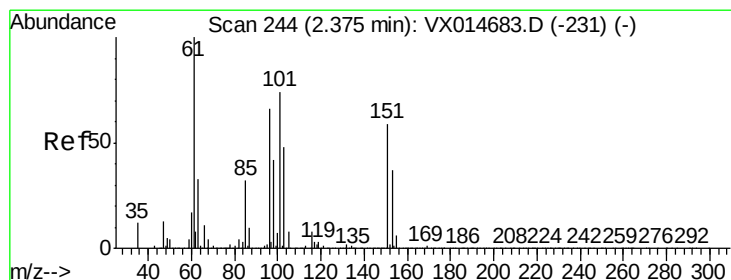
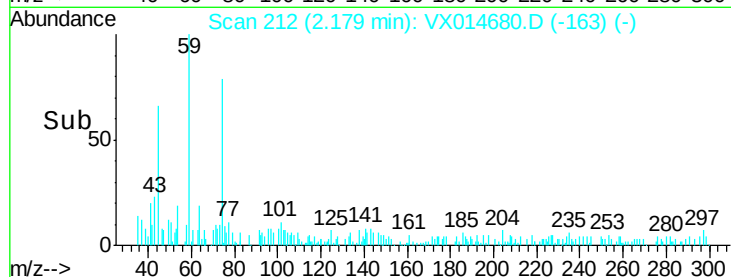
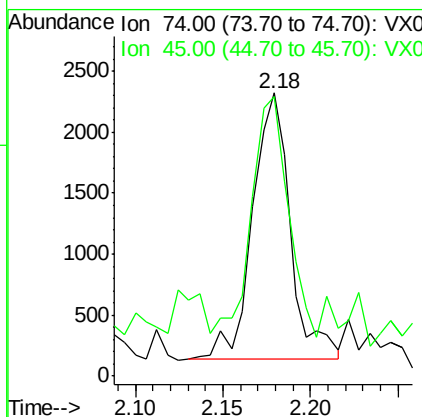
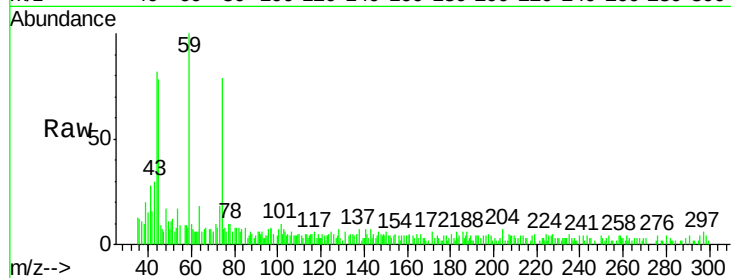
74 100

45 83.9 49.4 148.0

Manual Integrations
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#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.987 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.01 min

Lab File: VX014680.D

Acq: 22 Jan 2020 10:18

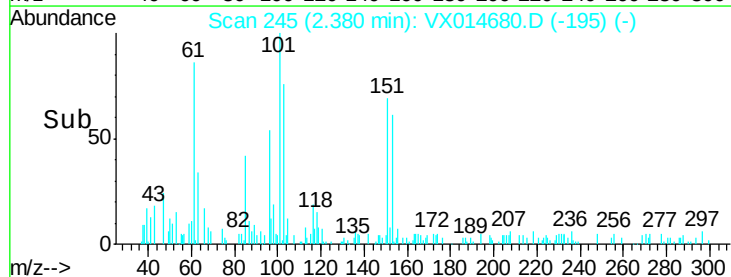
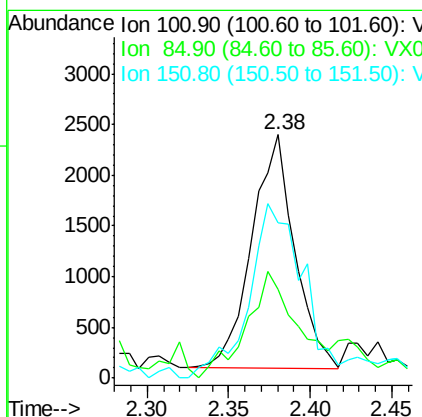
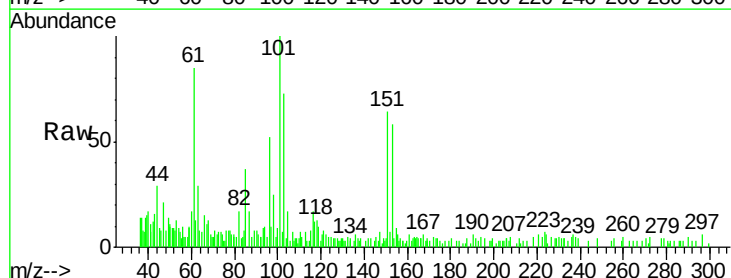
Tgt Ion: 101 Resp: 4213

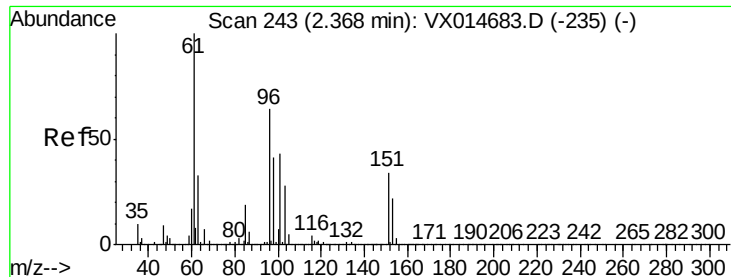
Ion Ratio Lower Upper

101 100

85 54.6 34.7 52.1#

151 95.0 64.7 97.1





#12

1,1-Dichloroethene

Concen: 1.023 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX014680.D

Acq: 22 Jan 2020 10:18

Instrument :

MSVOA_X

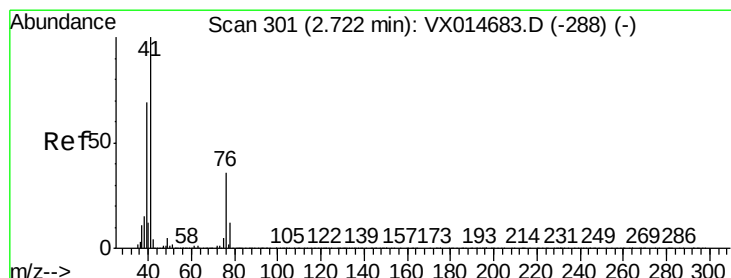
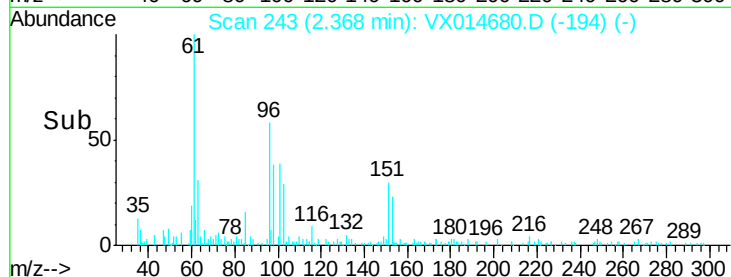
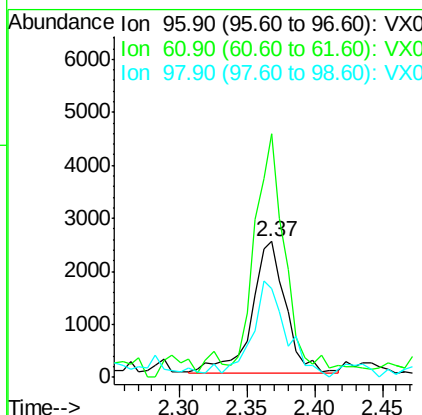
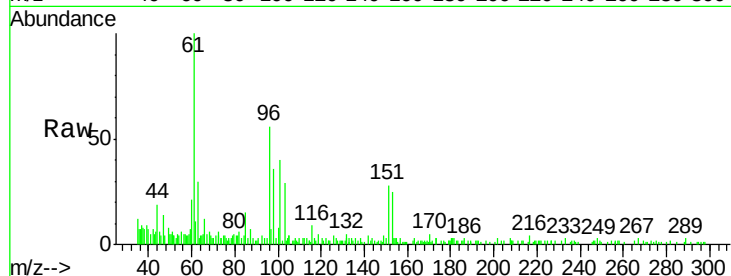
ClientSampleId :

VSTDIC001

Tot Ion:	96	Resp:	4386
Ion	Ratio	Lower	Upper
96	100		
61	178.1	125.8	188.8
98	61.7	51.5	77.3

Manual Integrations
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#14

Allyl chloride

Concen: 0.897 ug/l

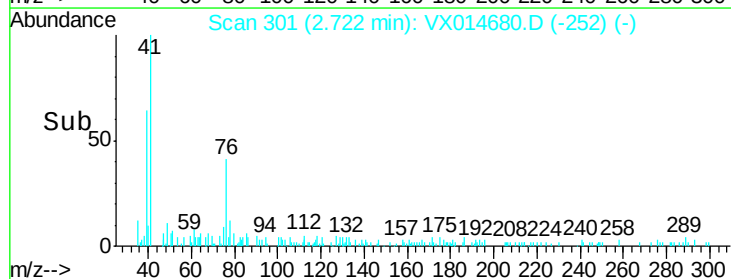
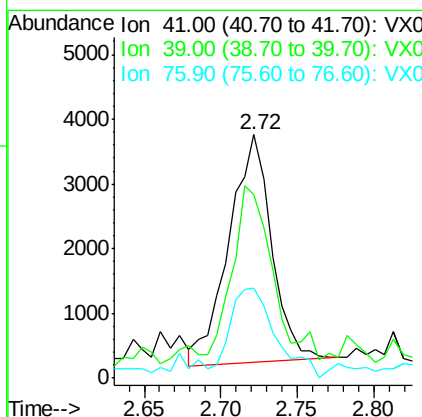
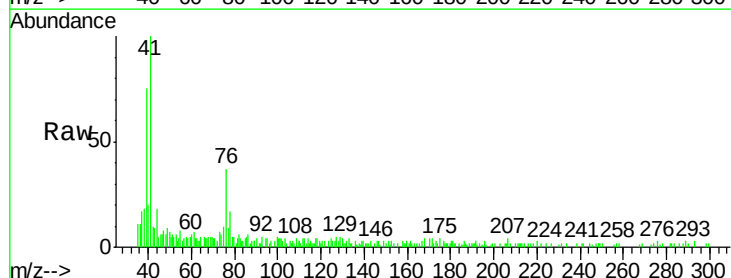
RT: 2.72 min Scan# 301

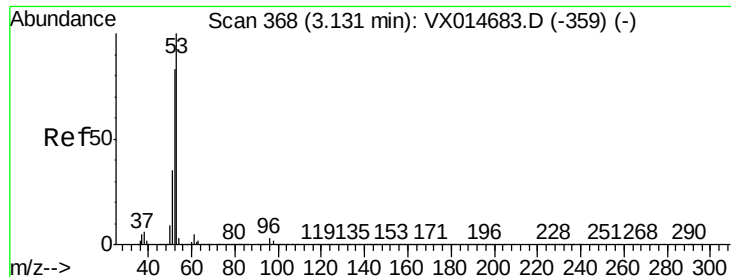
Delta R.T. -0.00 min

Lab File: VX014680.D

Acq: 22 Jan 2020 10:18

Tgt Ion:	41	Resp:	6800
Ion	Ratio	Lower	Upper
41	100		
39	78.6	52.0	78.0#
76	42.7	26.0	39.0#





#15

Acrylonitrile

Concen: 4.846 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX014680.D

Acq: 22 Jan 2020 10:18

Instrument :

MSVOA_X

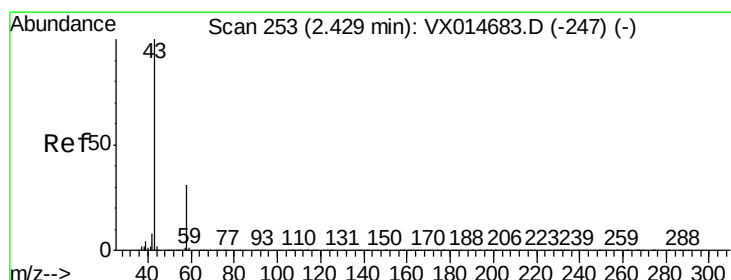
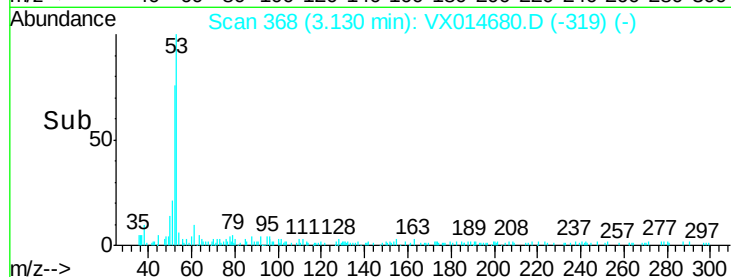
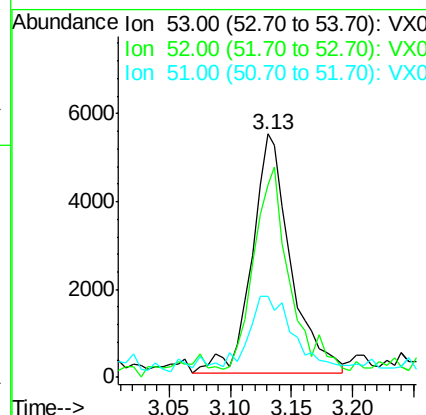
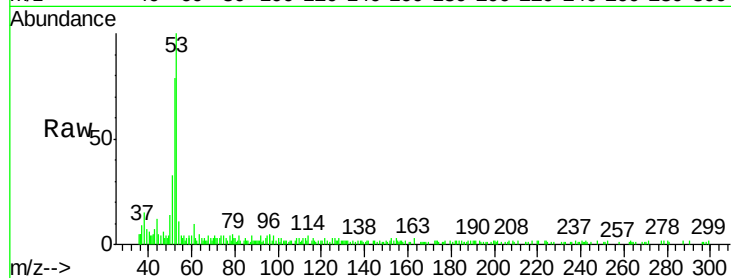
ClientSampleId :

VSTDIC001

Tot Ion:	53	Resp:	11931
Ion	Ratio	Lower	Upper
53	100		
52	78.7	66.4	99.6
51	31.5	28.7	43.1

Manual Integrations
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#16

Acetone

Concen: 7.604 ug/l

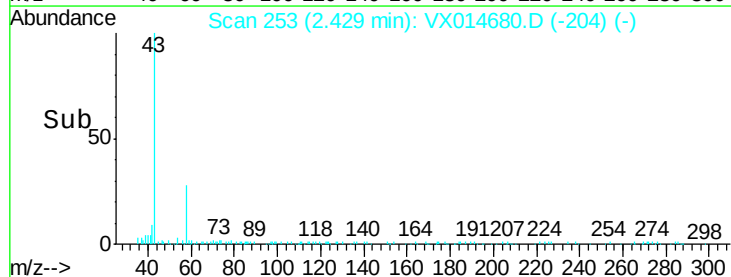
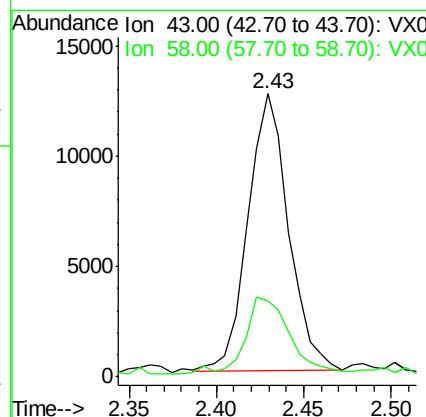
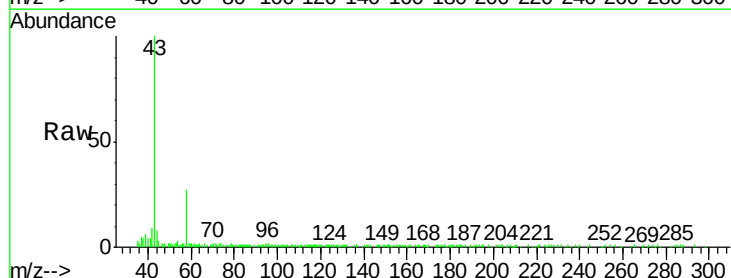
RT: 2.43 min Scan# 253

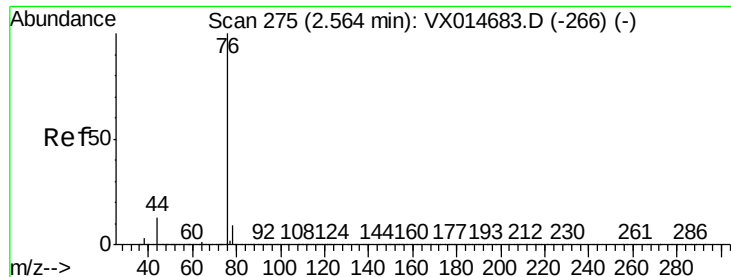
Delta R.T. -0.00 min

Lab File: VX014680.D

Acq: 22 Jan 2020 10:18

Tgt Ion:	43	Resp:	20204
Ion	Ratio	Lower	Upper
43	100		
58	26.1	24.5	36.7





#17

Carbon Disulfide

Concen: 0.964 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.00 min

Lab File: VX014680.D

Acq: 22 Jan 2020 10:18

Instrument :

MSVOA_X

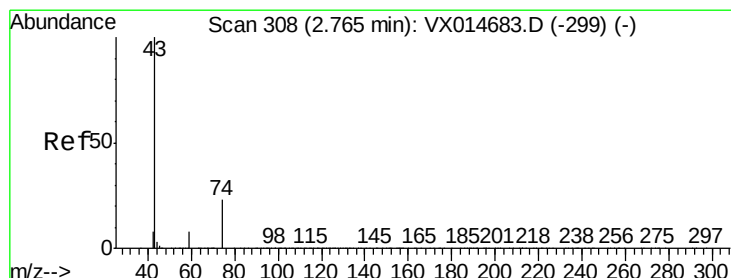
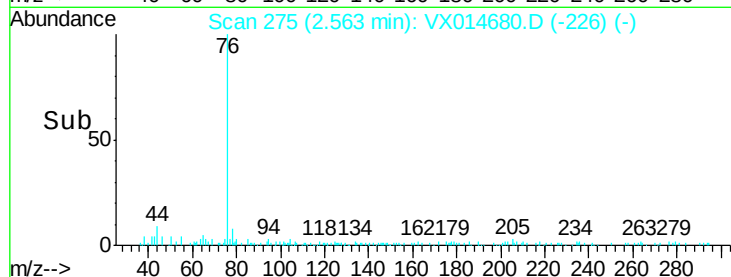
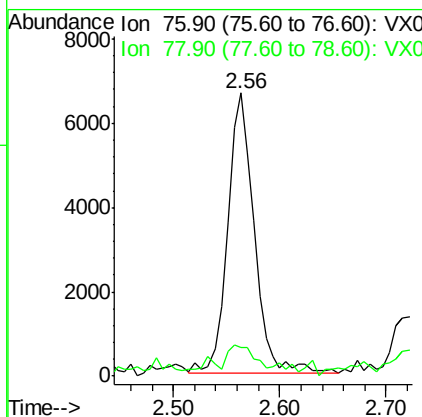
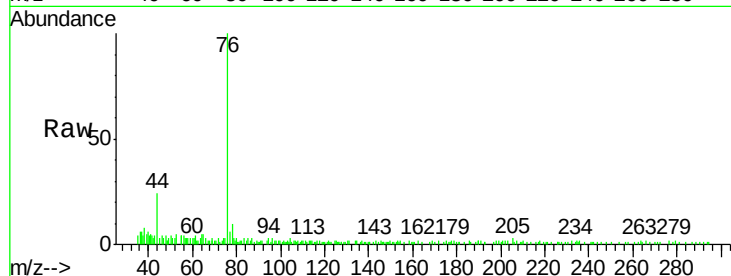
ClientSampleId :

VSTDICC001

Tot Ion	Ratio	Lower	Upper
76	100		
78	7.9	7.2	10.8

Manual Integrations
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1/24/2020 1:38:52 PM



#18

Methyl Acetate

Concen: 1.069 ug/l

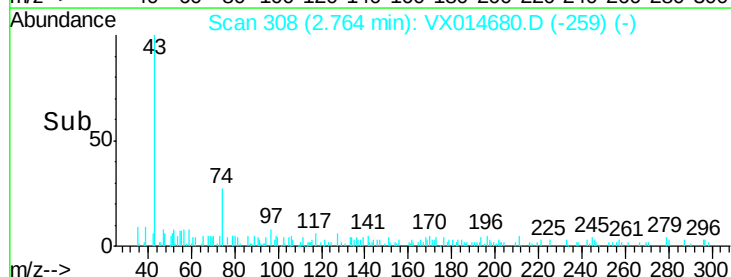
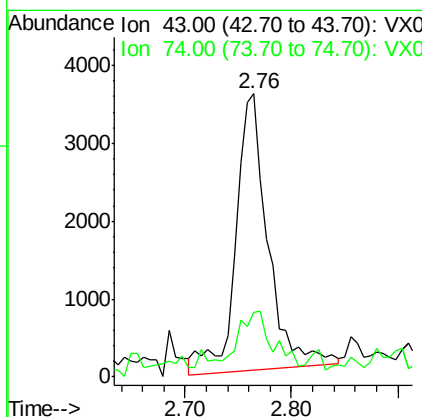
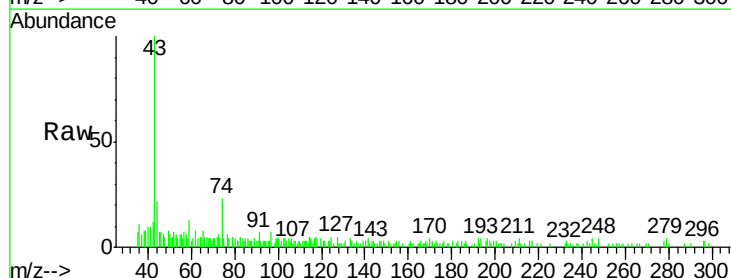
RT: 2.76 min Scan# 308

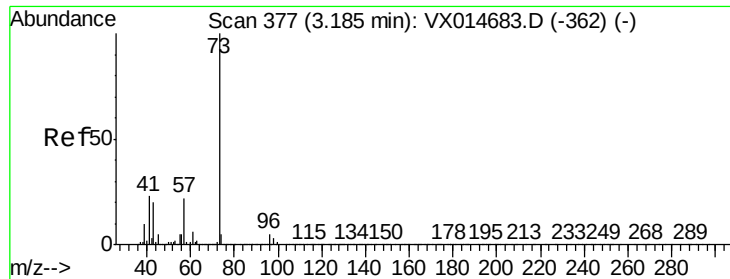
Delta R.T. -0.00 min

Lab File: VX014680.D

Acq: 22 Jan 2020 10:18

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.9	18.5	27.7





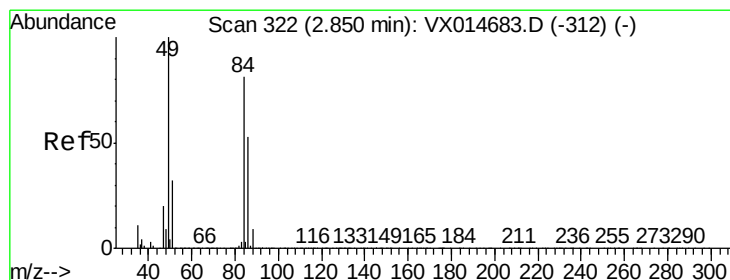
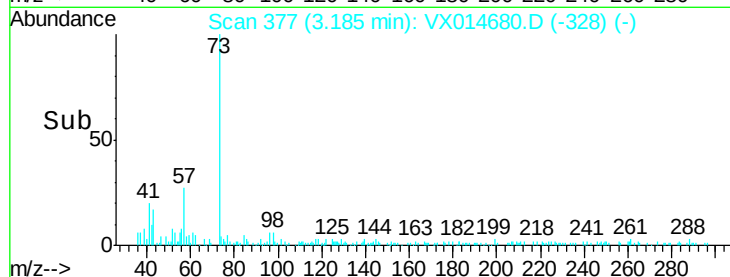
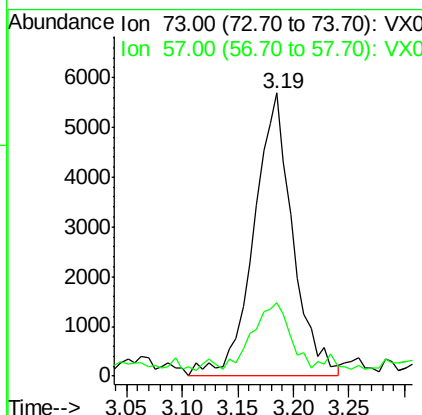
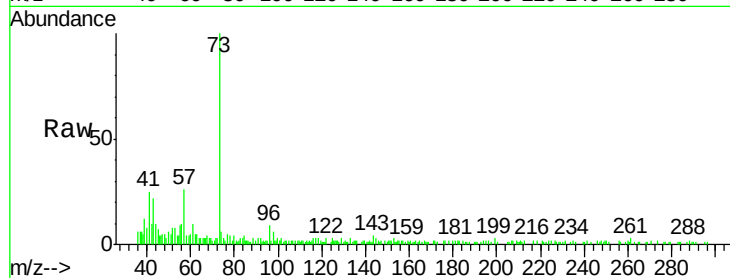
#19
Methyl tert-butyl Ether
Concen: 1.005 ug/l
RT: 3.19 min Scan# 377
Delta R.T. -0.00 min
Lab File: VX014680.D
Acq: 22 Jan 2020 10:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.8	18.0	27.0

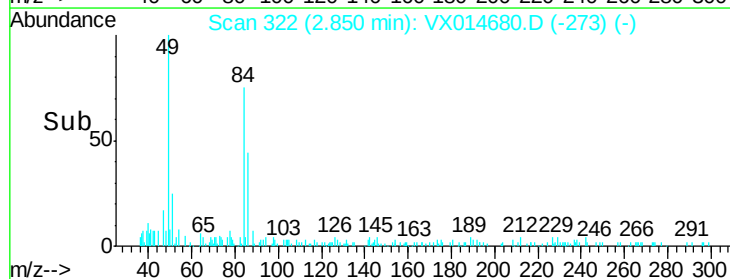
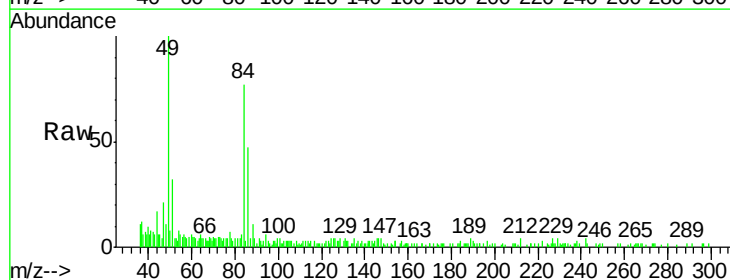
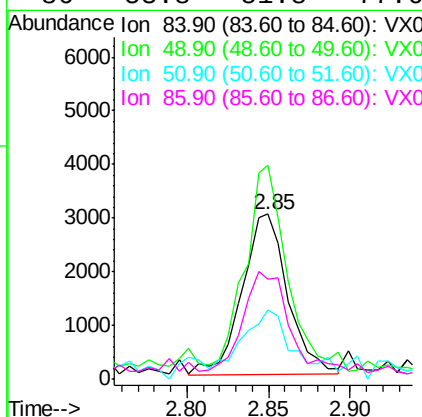
Manual Integrations
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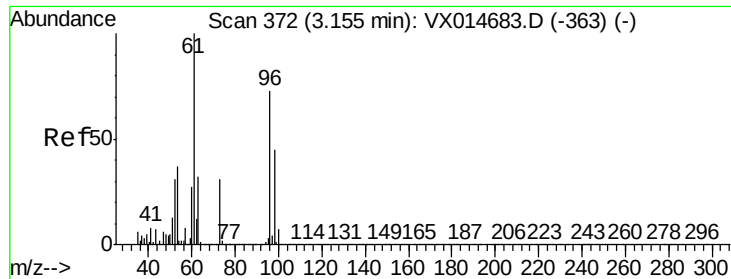
MMDadoda
1/24/2020 1:38:52 PM



#20
Methylene Chloride
Concen: 1.191 ug/l
RT: 2.85 min Scan# 322
Delta R.T. -0.00 min
Lab File: VX014680.D
Acq: 22 Jan 2020 10:18

Tgt Ion	Ratio	Lower	Upper
84	100		
49	116.8	98.2	147.4
51	38.9	31.3	46.9
86	53.8	51.8	77.6





#21

trans-1,2-Dichloroethene

Concen: 1.159 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX014680.D

Acq: 22 Jan 2020 10:18

Instrument :

MSVOA_X

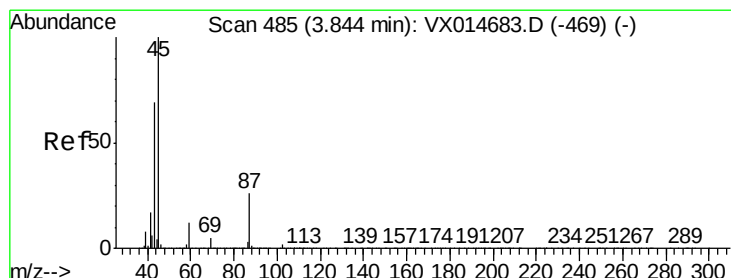
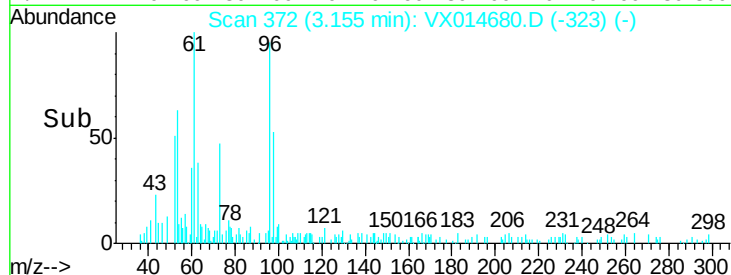
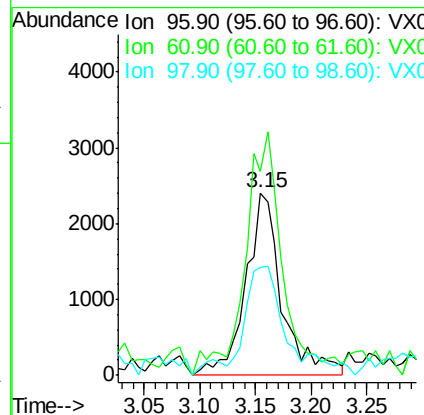
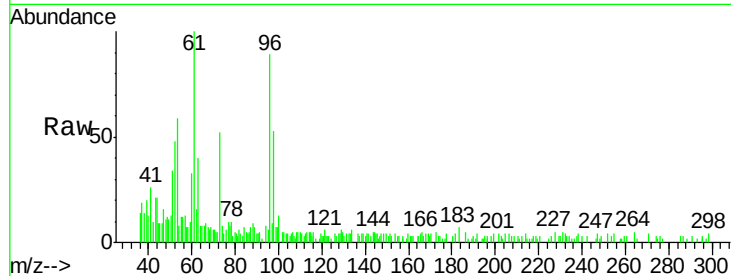
ClientSampleId :

VSTDIC001

Tot Ion:	96	Resp:	5439
Ion	Ratio	Lower	Upper
96	100		
61	112.1	109.8	164.6
98	55.8	49.6	74.4

Manual Integrations
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#22

Diisopropyl ether

Concen: 0.953 ug/l

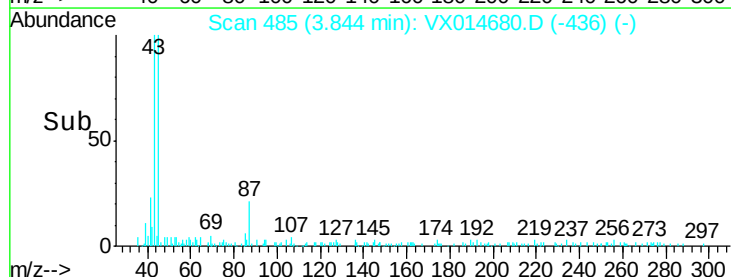
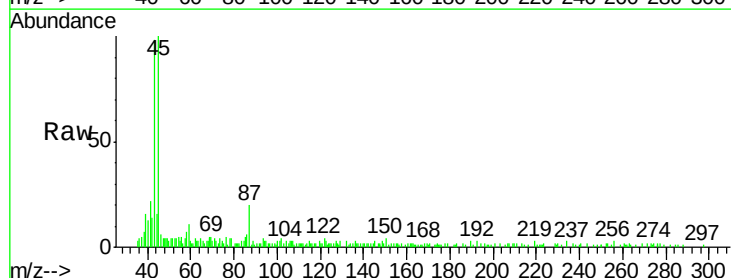
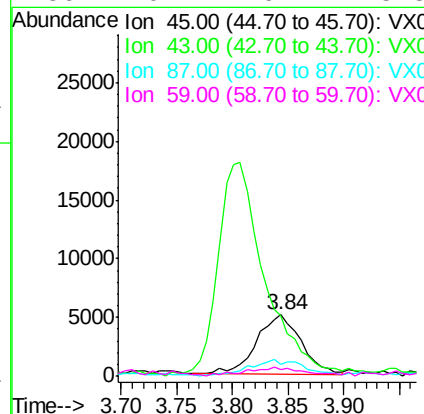
RT: 3.84 min Scan# 485

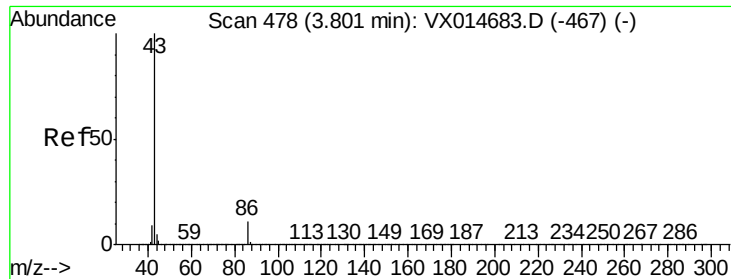
Delta R.T. -0.00 min

Lab File: VX014680.D

Acq: 22 Jan 2020 10:18

Tgt Ion:	45	Resp:	14022
Ion	Ratio	Lower	Upper
45	100		
43	93.3	55.1	82.7#
87	18.9	20.7	31.1#
59	6.1	9.2	13.8#





#23

Vinyl Acetate

Concen: 4.699 ug/l

RT: 3.81 min Scan# 479

Delta R.T. 0.01 min

Lab File: VX014680.D

Acq: 22 Jan 2020 10:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 43 Resp: 53192

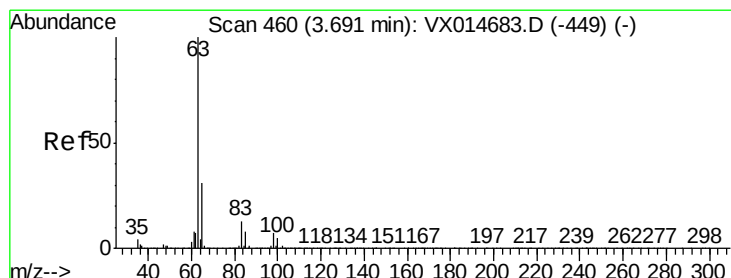
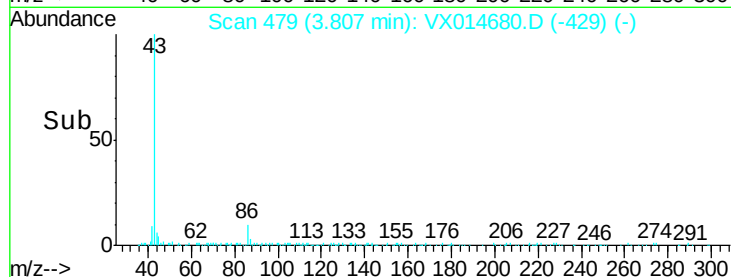
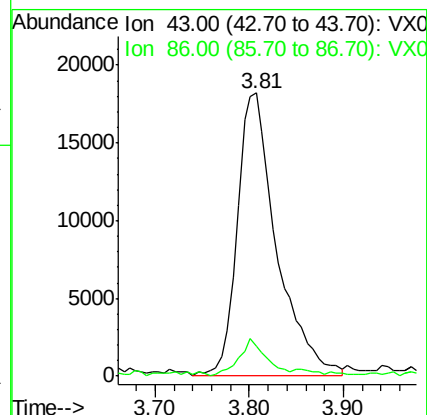
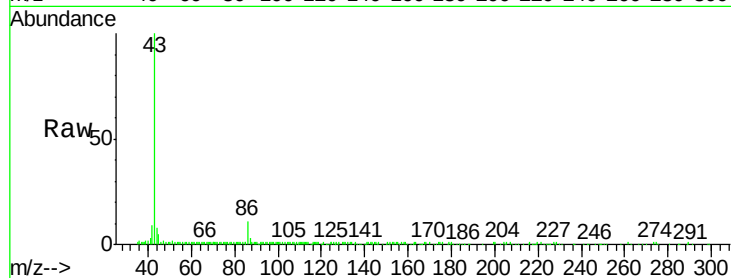
Ion Ratio Lower Upper

43 100

86 9.8 8.4 12.6

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#24

1,1-Dichloroethane

Concen: 0.980 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX014680.D

Acq: 22 Jan 2020 10:18

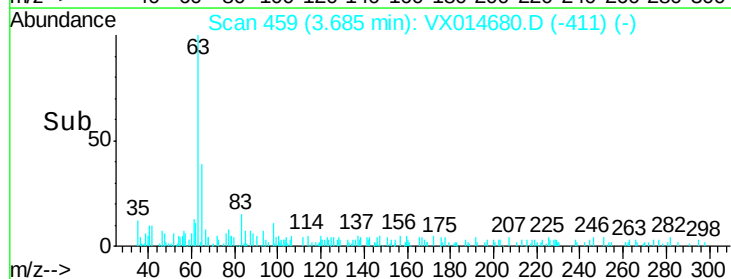
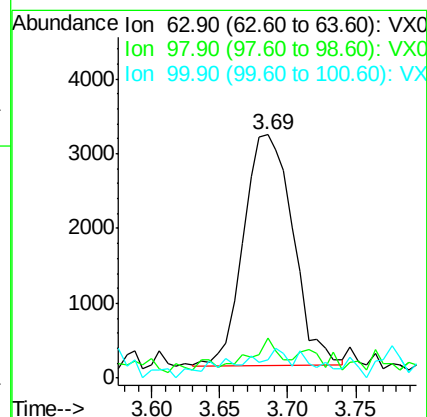
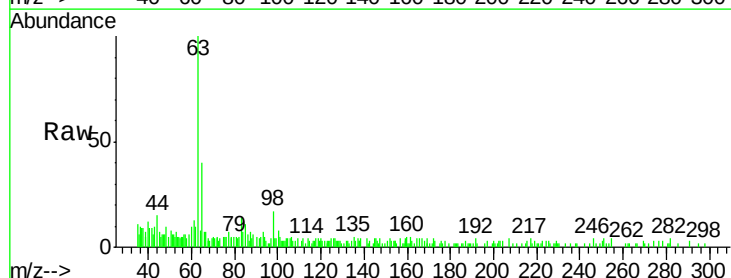
Tgt Ion: 63 Resp: 7808

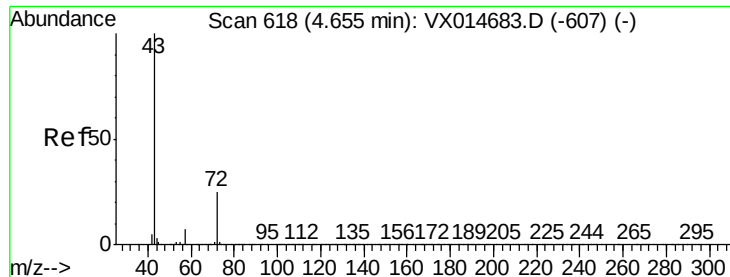
Ion Ratio Lower Upper

63 100

98 14.4 3.6 10.8#

100 4.5 2.2 6.6





#25

2-Butanone

Concen: 5.190 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.01 min

Lab File: VX014680.D

Acq: 22 Jan 2020 10:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 43 Resp: 18958

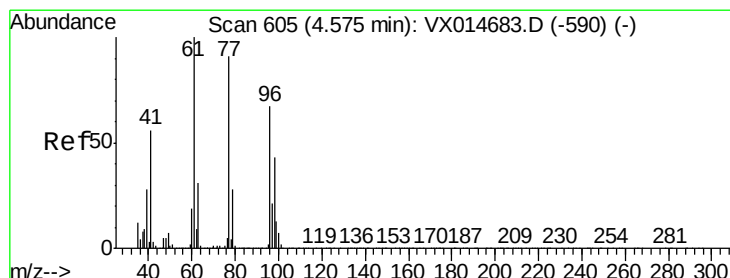
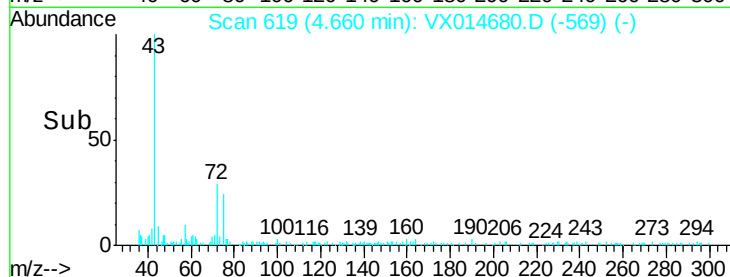
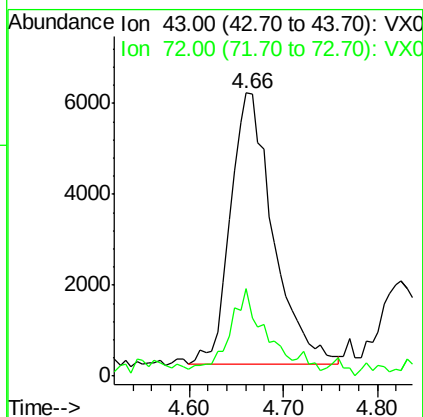
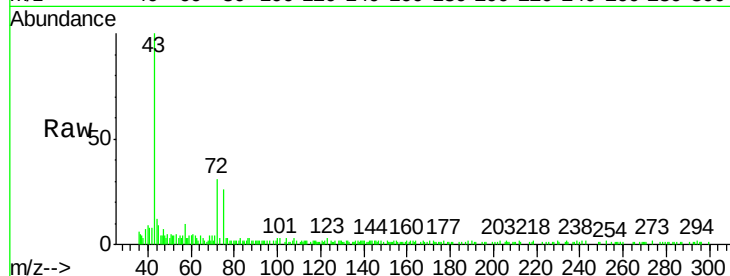
Ion Ratio Lower Upper

43 100

72 26.7 19.9 29.9

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#26

2,2-Dichloropropane

Concen: 1.030 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014680.D

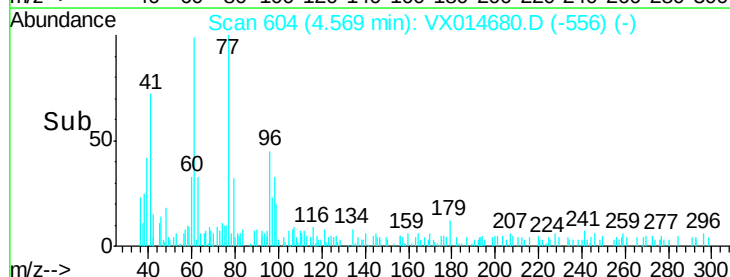
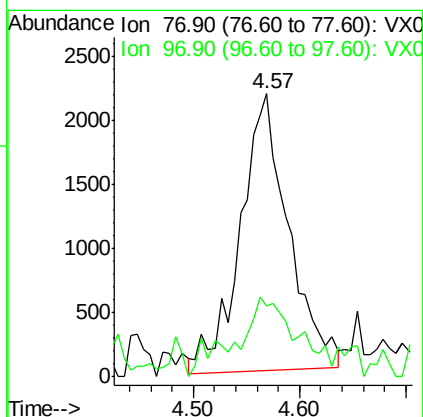
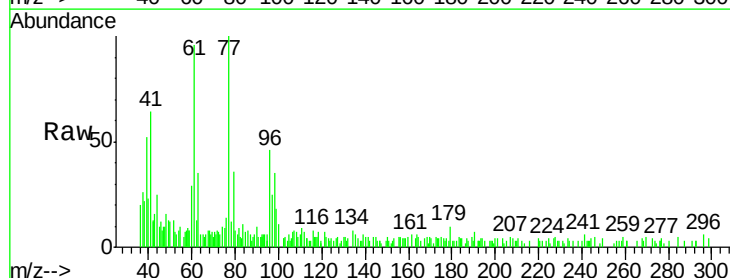
Acq: 22 Jan 2020 10:18

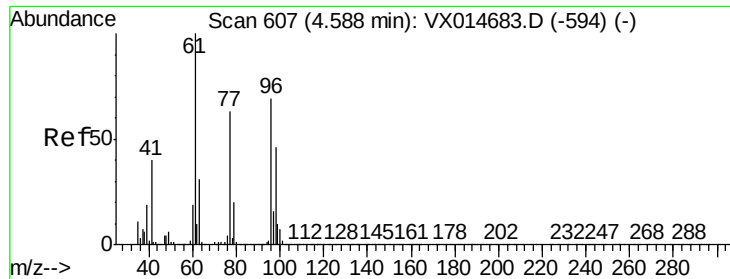
Tgt Ion: 77 Resp: 6894

Ion Ratio Lower Upper

77 100

97 30.1 11.8 35.3





#27

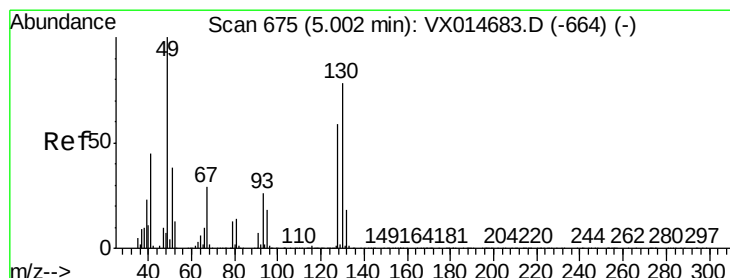
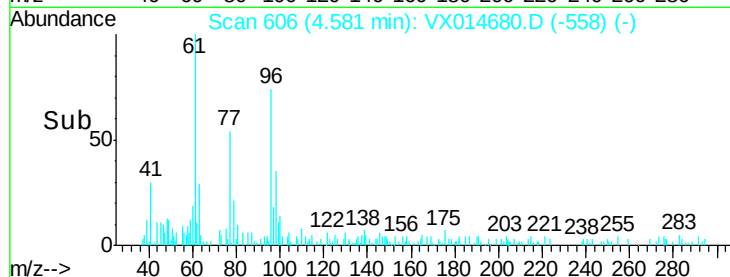
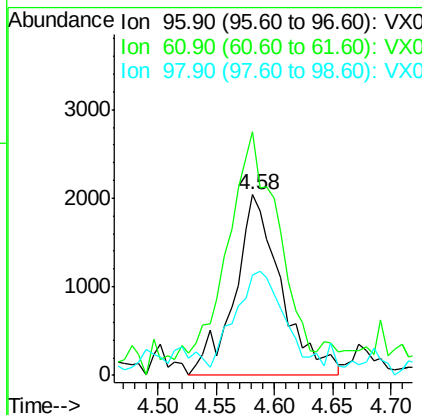
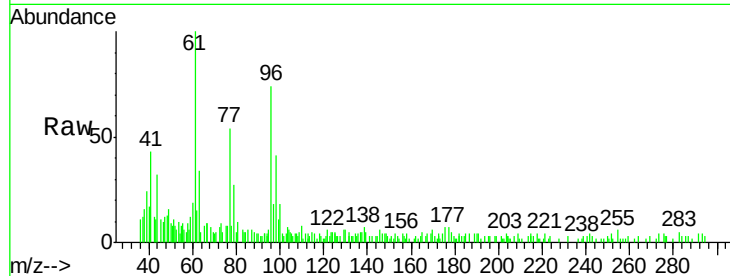
cis-1,2-Dichloroethene
Concen: 1.078 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX014680.D
Acq: 22 Jan 2020 10:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
96	100		
61	132.7	0.0	291.0
98	53.3	0.0	129.8

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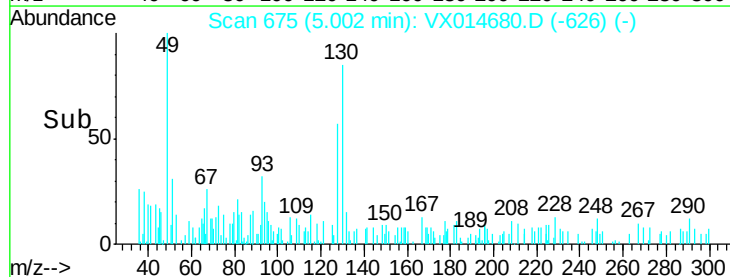
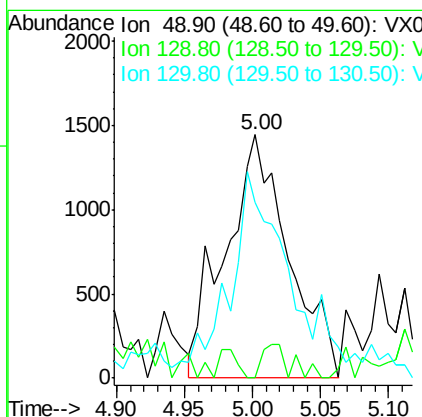
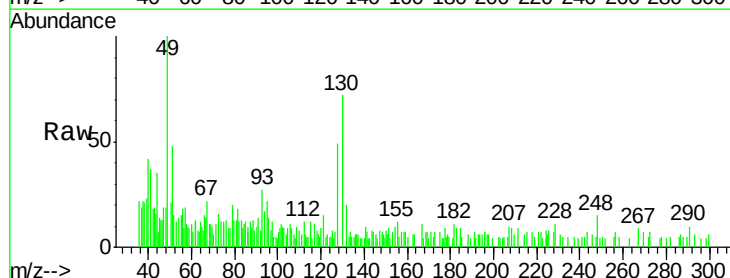
MMDadoda
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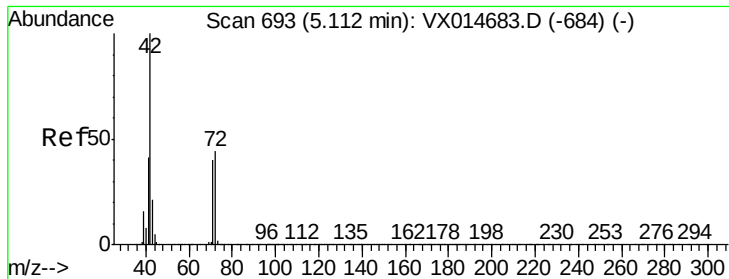


#28

Bromochloromethane
Concen: 1.395 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.00 min
Lab File: VX014680.D
Acq: 22 Jan 2020 10:18

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.8
130	62.8	62.4	93.6





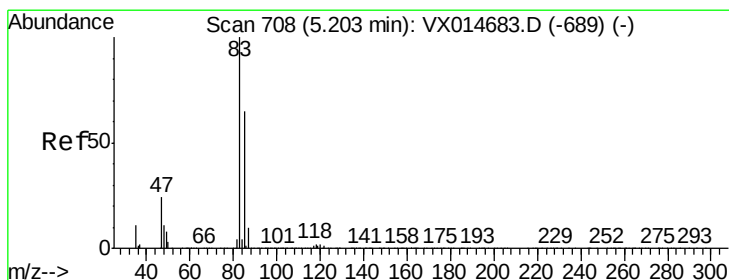
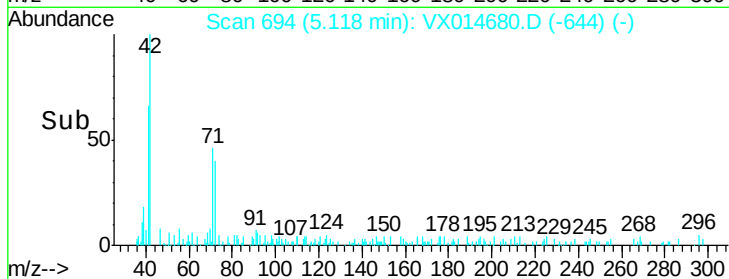
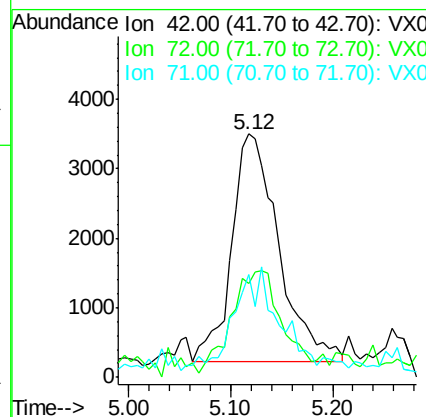
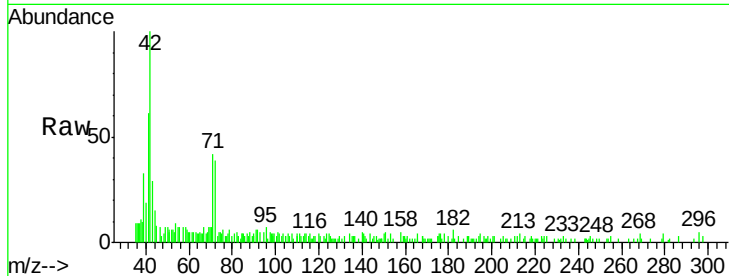
#29
Tetrahydrofuran
Concen: 4.836 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.01 min
Lab File: VX014680.D
Acq: 22 Jan 2020 10:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
42	100		
72	48.2	35.3	52.9
71	37.6	33.1	49.7

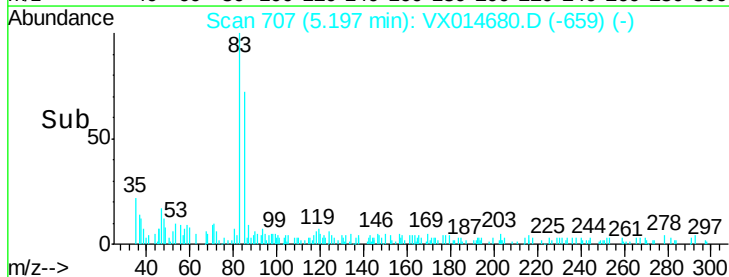
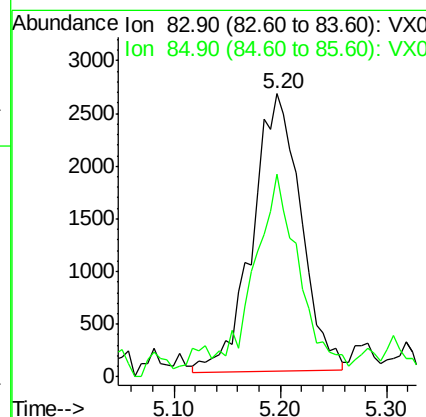
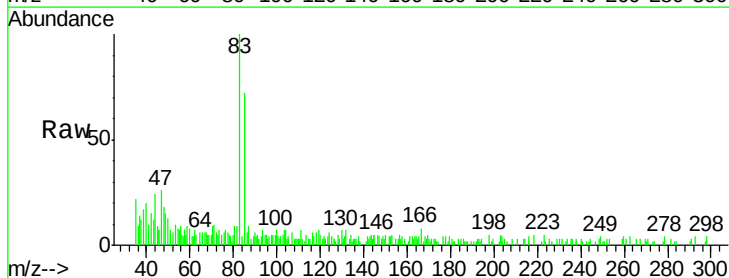
Manual Integrations
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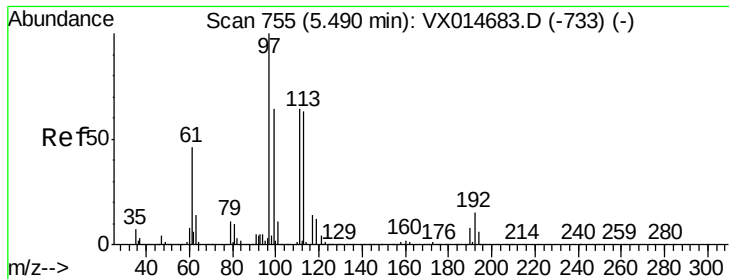
MMDadoda
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#30
Chloroform
Concen: 1.077 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX014680.D
Acq: 22 Jan 2020 10:18

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.2	51.7	77.5





#32

1,1,1-Trichloroethane

Concen: 1.093 ug/l

RT: 5.48 min Scan# 753

Delta R.T. -0.01 min

Lab File: VX014680.D

Acq: 22 Jan 2020 10:18

Instrument :

MSVOA_X

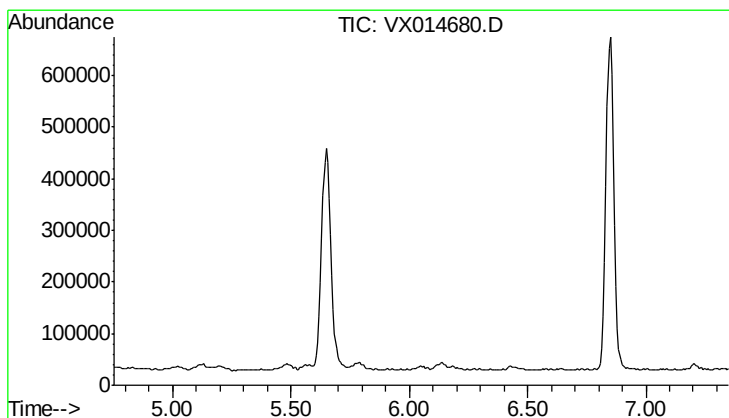
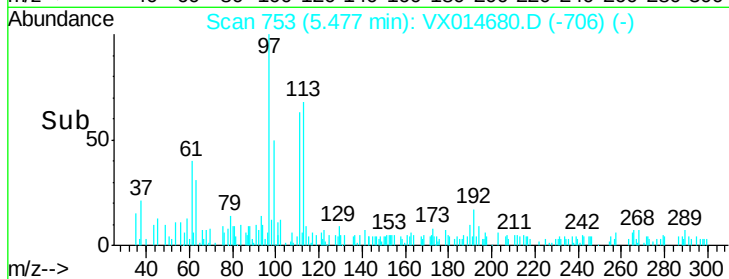
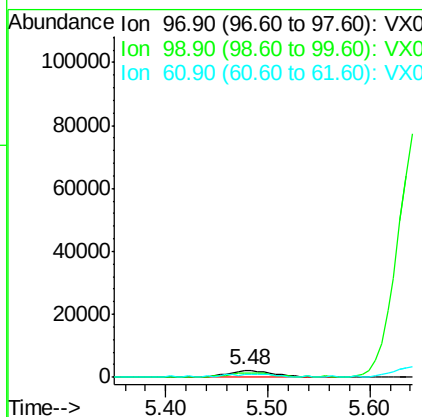
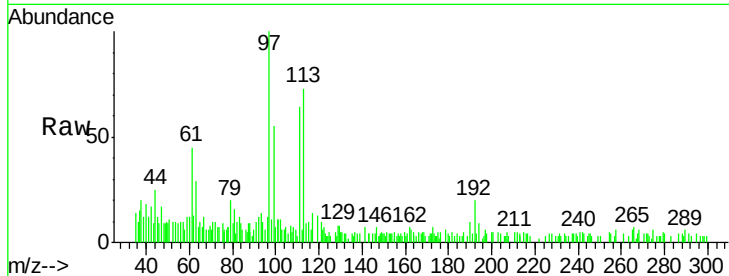
ClientSampleId :

VSTDIC001

Tot Ion:	97	Resp:	7251
Ion Ratio	Lower	Upper	
97	100		
99	0.0	52.3	78.5#
61	40.0	37.2	55.8

Manual Integrations
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#33

1,2-Dichloroethane-d4

Concen: 0.000 ug/l

Expected RT: 6.05 min

Lab File: VX014680.D

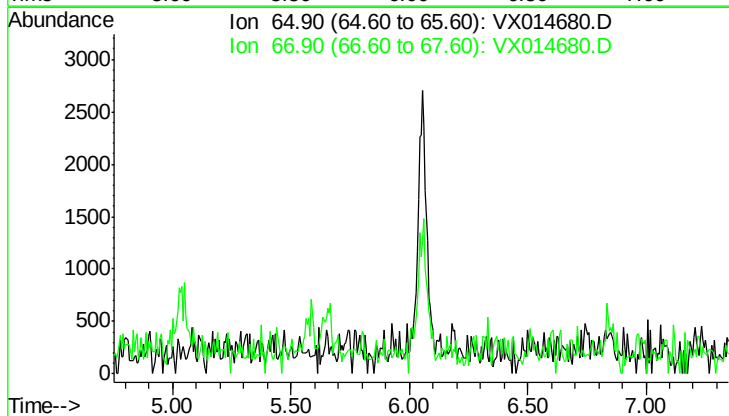
Acq: 22 Jan 2020 10:18

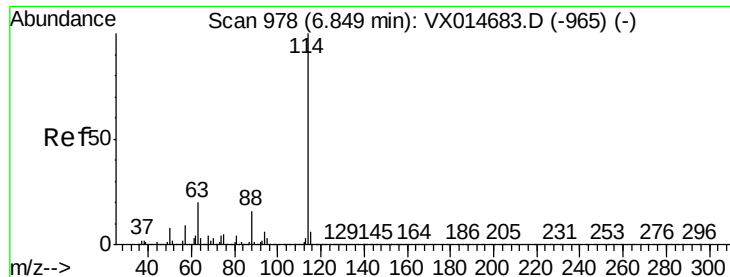
Tgt Ion: 65

Sig Exp Ratio

65 100

67 53.7





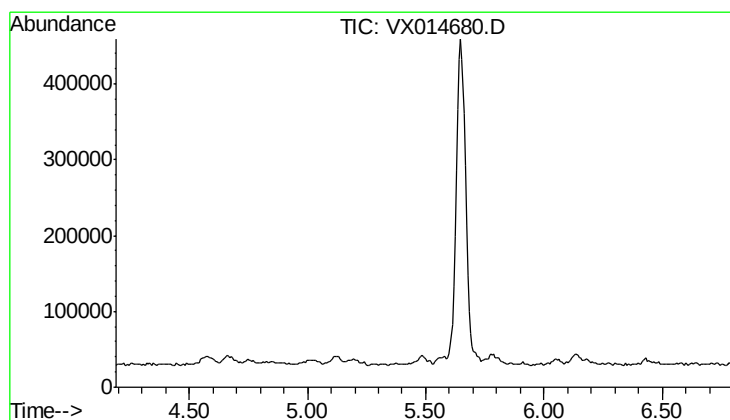
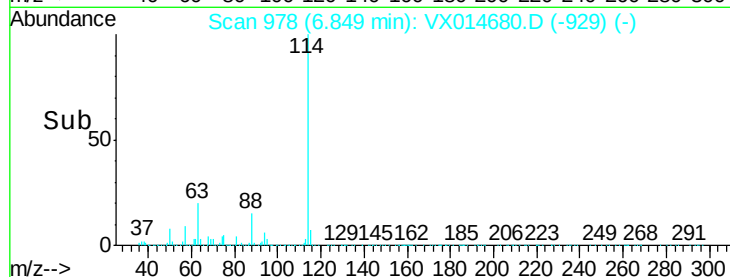
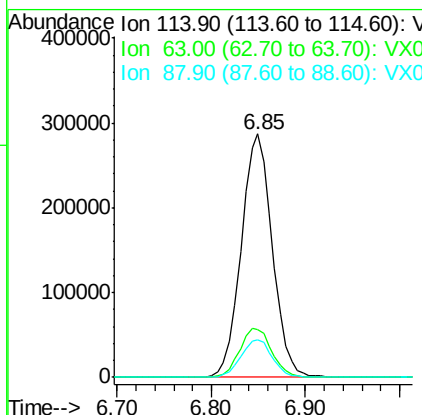
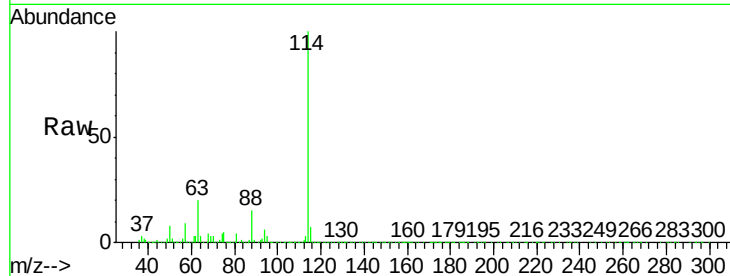
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. -0.00 min
Lab File: VX014680.D
Acq: 22 Jan 2020 10:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	19.5	0.0	40.6
88	15.2	0.0	31.2

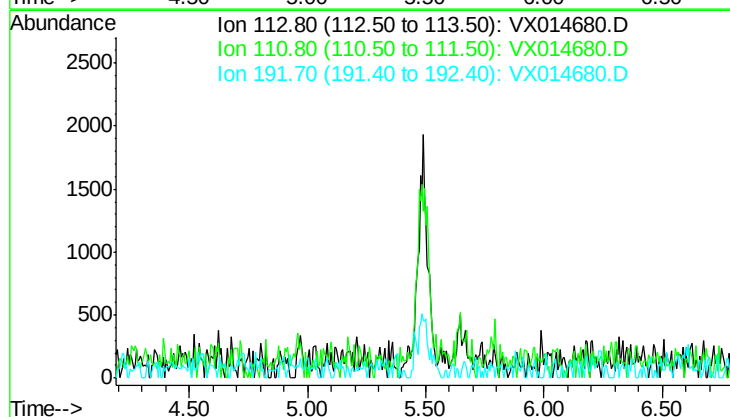
Manual Integrations
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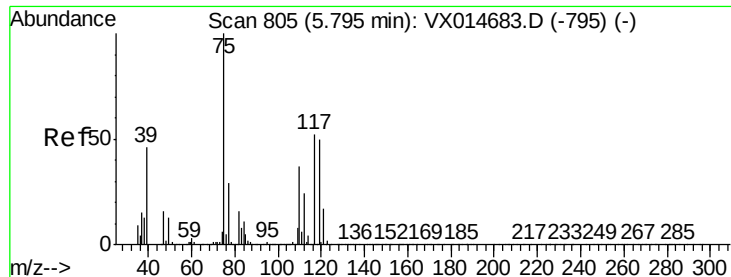
MMDadoda
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#35
Dibromofluoromethane
Concen: 0.000 ug/l
Expected RT: 5.49 min
Lab File: VX014680.D
Acq: 22 Jan 2020 10:18

Tgt Ion	Exp Ratio
113	100
111	100.9
192	23.1





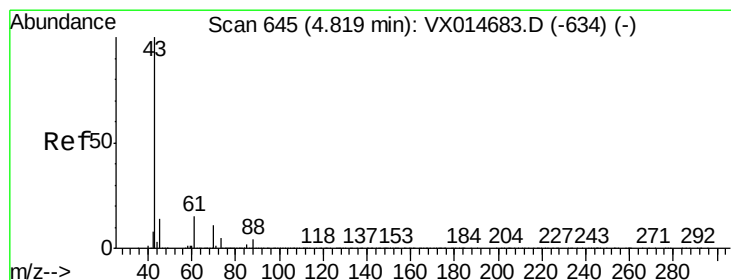
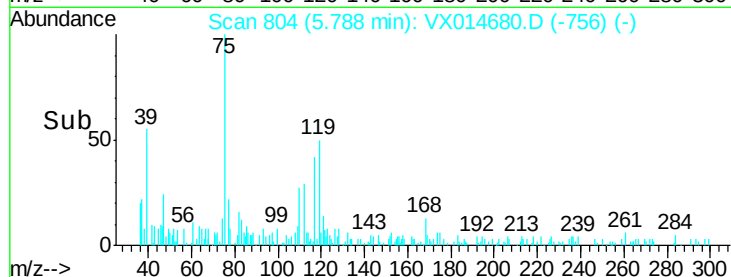
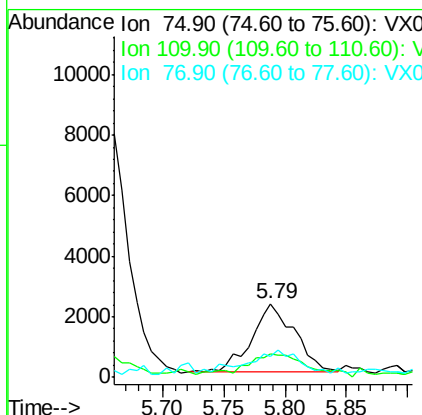
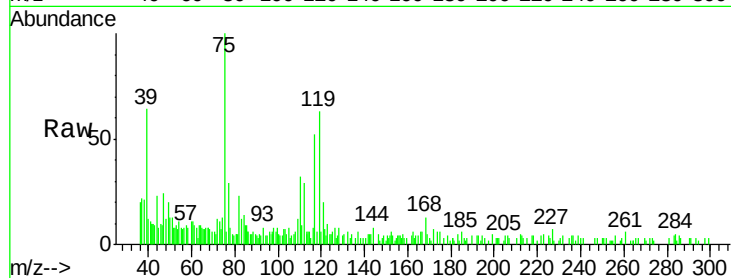
#36
 1,1-Dichloropropene
 Concen: 0.881 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX014680.D
 Acq: 22 Jan 2020 10:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
75	100		
110	51.9	17.9	53.7
77	37.3	24.1	36.1

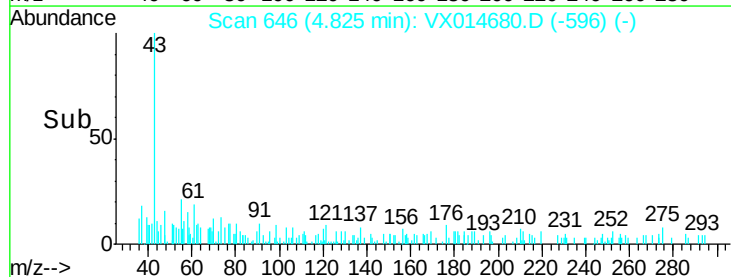
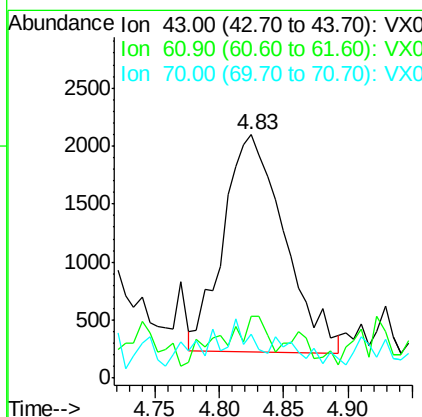
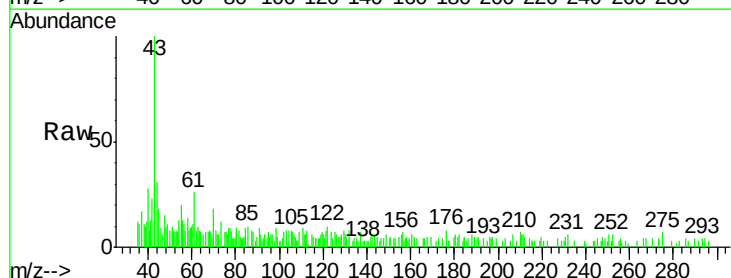
Manual Integrations
 APPROVED

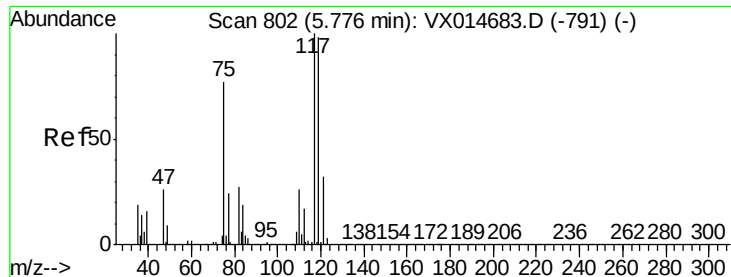
MMDadoda
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#37
 Ethyl Acetate
 Concen: 0.903 ug/l
 RT: 4.83 min Scan# 646
 Delta R.T. 0.01 min
 Lab File: VX014680.D
 Acq: 22 Jan 2020 10:18

Tgt Ion	Ratio	Lower	Upper
43	100		
61	6.8	11.0	16.4
70	5.6	8.5	12.7





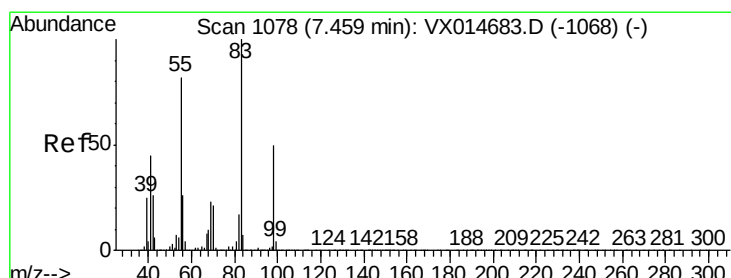
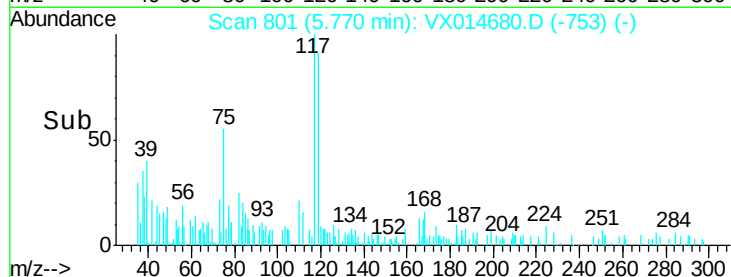
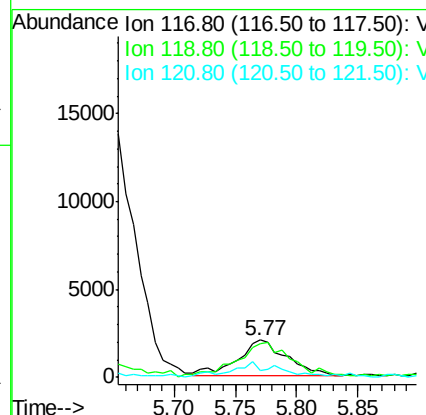
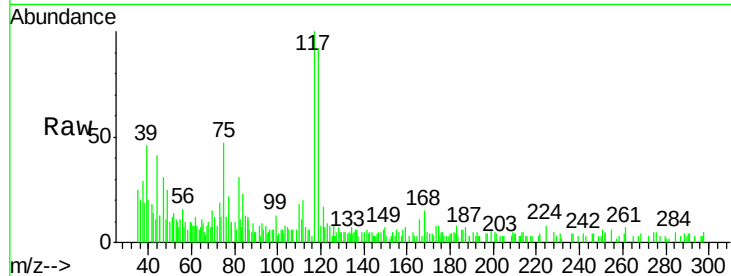
#38
Carbon Tetrachloride
Concen: 1.000 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014680.D
Acq: 22 Jan 2020 10:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
117	100		
119	87.9	77.9	116.9
121	13.1	25.4	38.2#

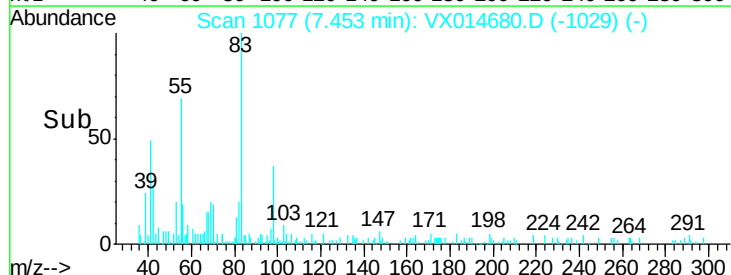
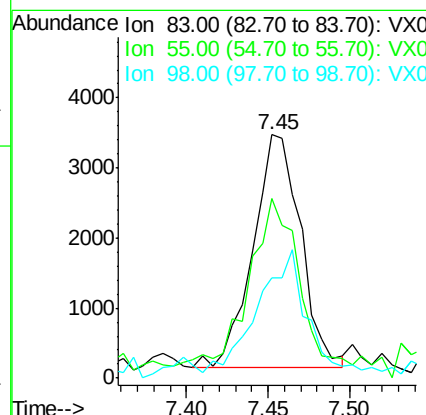
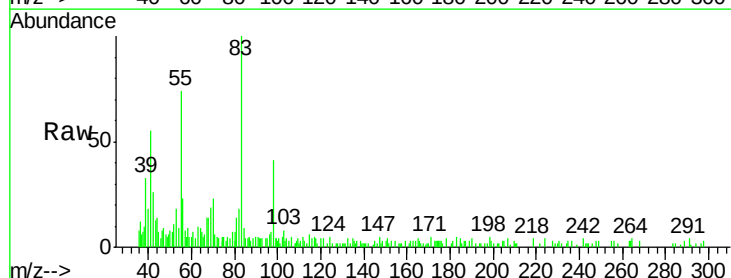
Manual Integrations
APPROVED

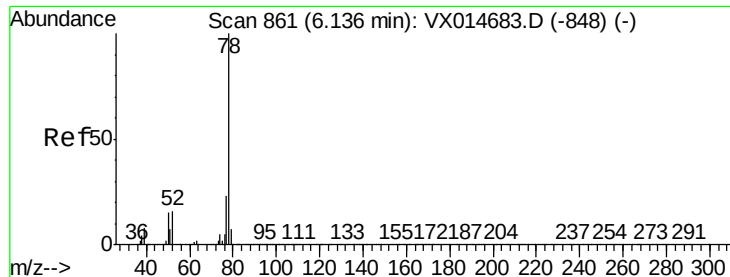
MMDadoda
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#39
Methylcyclohexane
Concen: 0.865 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014680.D
Acq: 22 Jan 2020 10:18

Tgt Ion	Ratio	Lower	Upper
83	100		
55	68.9	65.6	98.4
98	37.9	40.2	60.4#





#40

Benzene

Concen: 0.953 ug/l

RT: 6.14 min Scan# 862

Delta R.T. 0.01 min

Lab File: VX014680.D

Acq: 22 Jan 2020 10:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 78 Resp: 17758

Ion Ratio Lower Upper

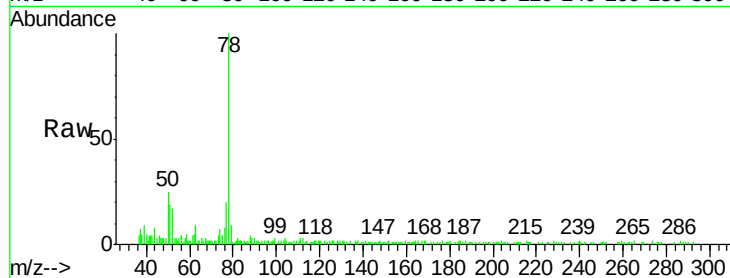
78 100

77 18.1 18.7 28.1#

Manual Integrations
APPROVED

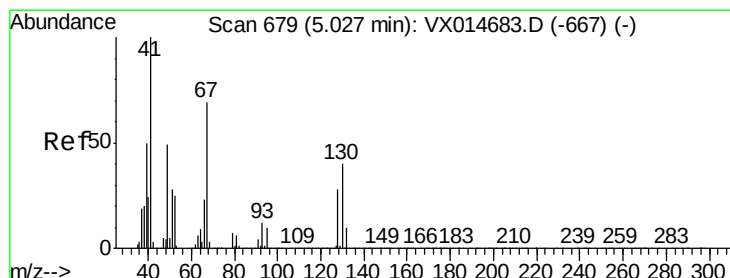
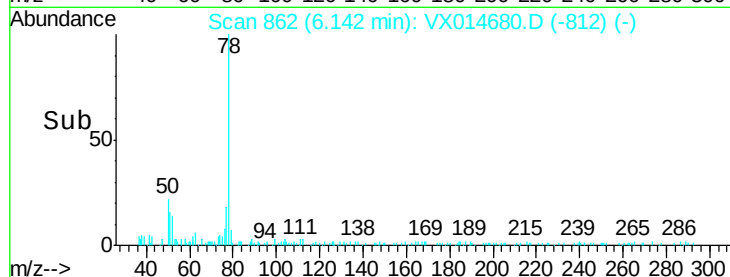
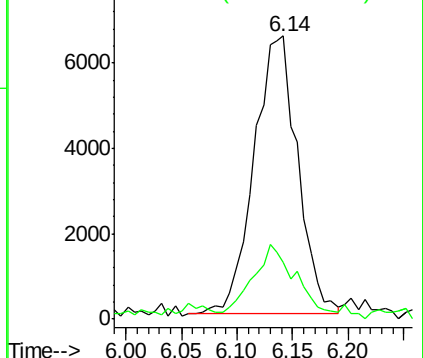
MMDadoda

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Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#41

Methacrylonitrile

Concen: 1.497 ug/l

RT: 5.03 min Scan# 680

Delta R.T. 0.01 min

Lab File: VX014680.D

Acq: 22 Jan 2020 10:18

Tgt Ion: 41 Resp: 5474

Ion Ratio Lower Upper

41 100

39 21.3 42.2 63.2#

67 32.6 55.4 83.0#

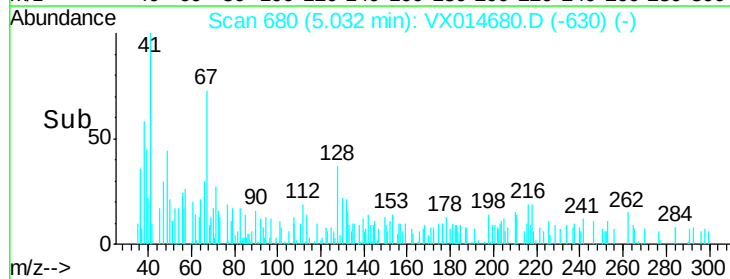
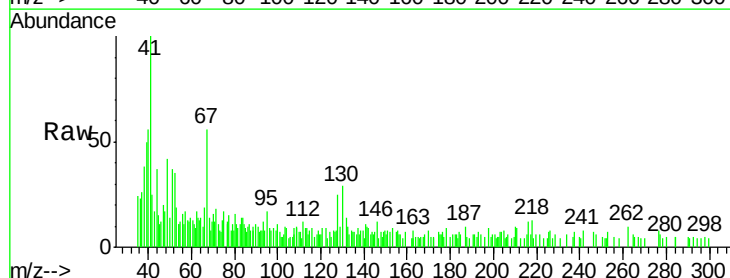
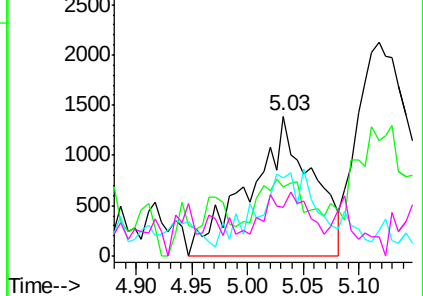
52 30.3 22.1 33.1

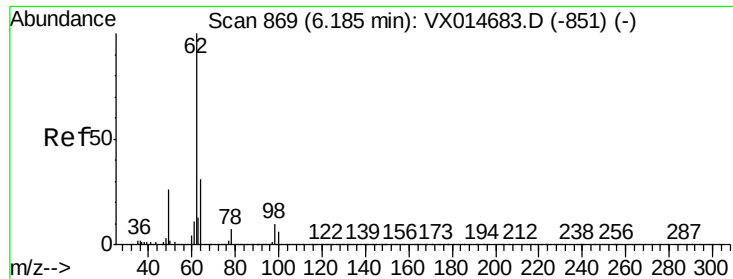
Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0





#42

1,2-Dichloroethane

Concen: 0.955 ug/l

RT: 6.19 min Scan# 870

Delta R.T. 0.01 min

Lab File: VX014680.D

Acq: 22 Jan 2020 10:18

Instrument :

MSVOA_X

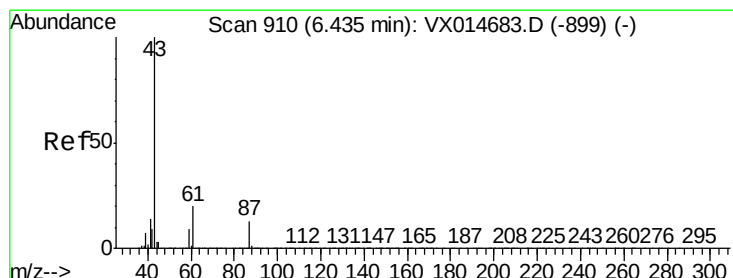
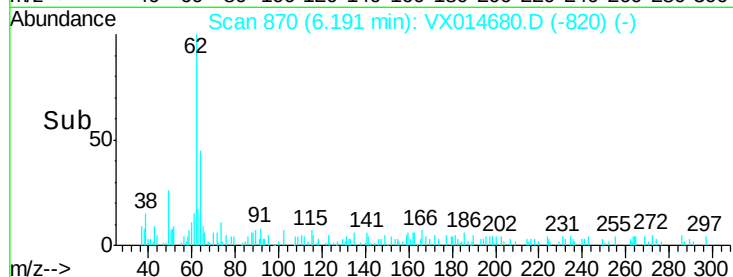
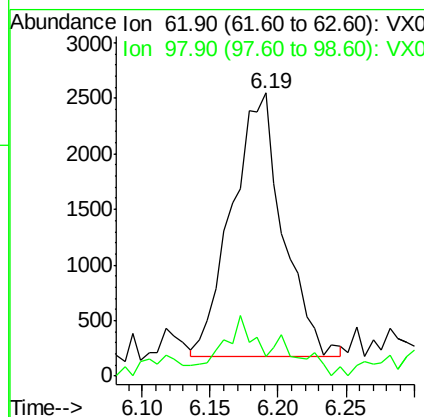
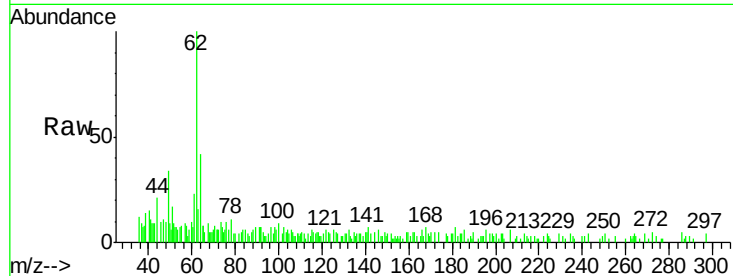
ClientSampleId :

VSTDIC001

Tot Ion:	62	Resp:	6228
Ion Ratio	Lower	Upper	
62	100		
98	9.2	0.0	20.0

Manual Integrations
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#43

Isopropyl Acetate

Concen: 0.985 ug/l

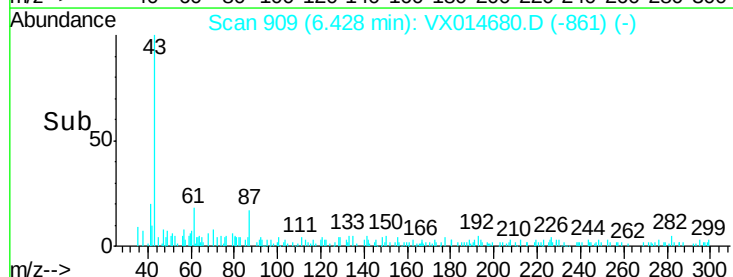
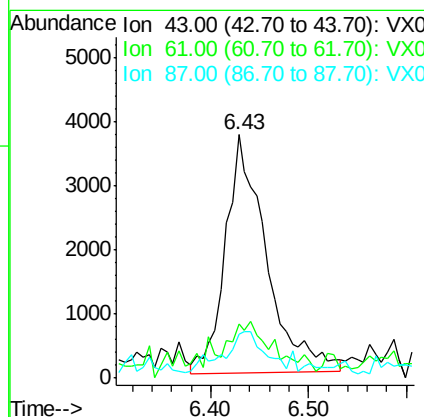
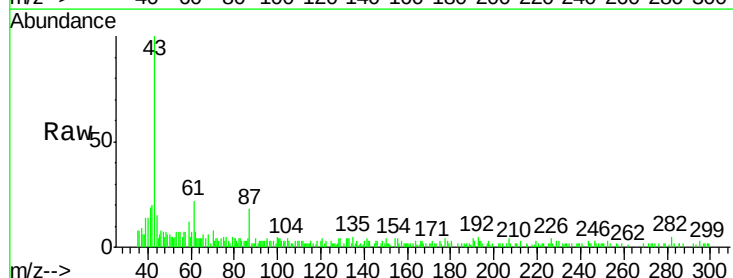
RT: 6.43 min Scan# 909

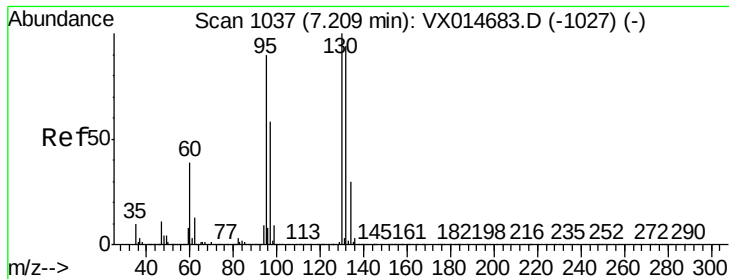
Delta R.T. -0.01 min

Lab File: VX014680.D

Acq: 22 Jan 2020 10:18

Tgt Ion:	43	Resp:	10840
Ion Ratio	Lower	Upper	
43	100		
61	13.7	16.2	24.4#
87	12.4	10.5	15.7





#44

Trichloroethene

Concen: 1.044 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. -0.00 min

Lab File: VX014680.D

Acq: 22 Jan 2020 10:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:130 Resp: 5564

Ion Ratio Lower Upper

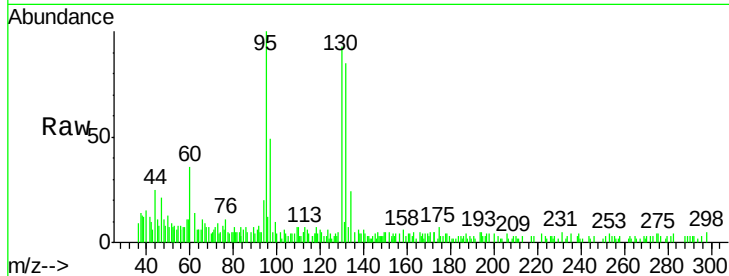
130 100

95 103.5 0.0 179.8

Manual Integrations
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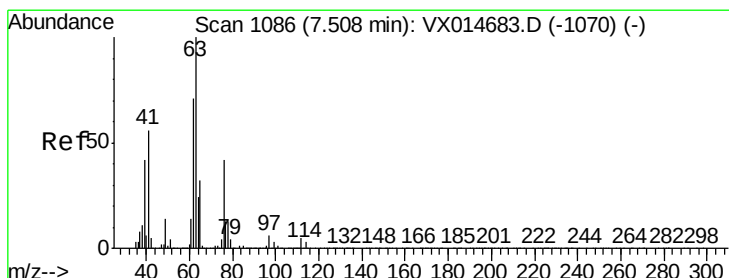
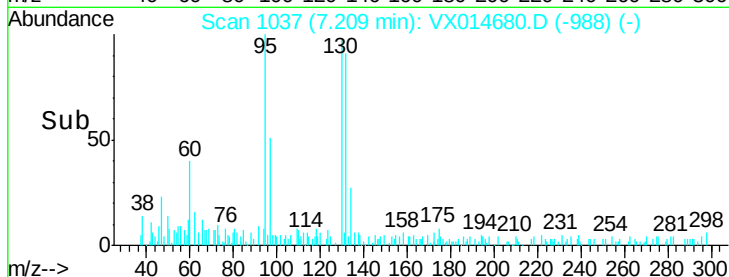
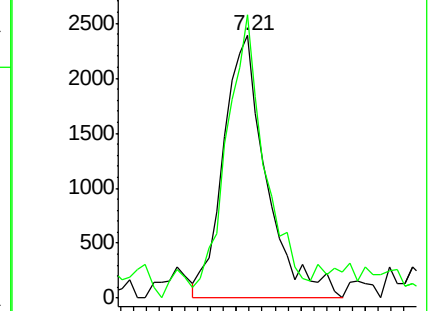
MMDadoda

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Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#45

1,2-Dichloropropane

Concen: 0.939 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX014680.D

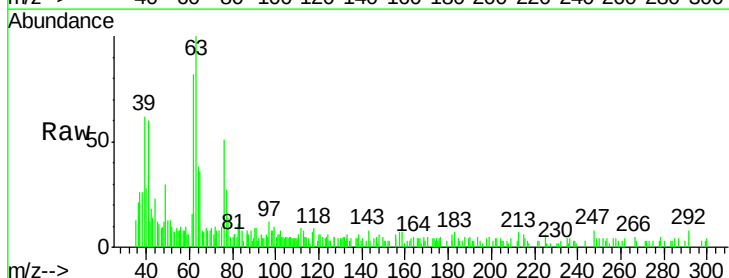
Acq: 22 Jan 2020 10:18

Tgt Ion: 63 Resp: 4463

Ion Ratio Lower Upper

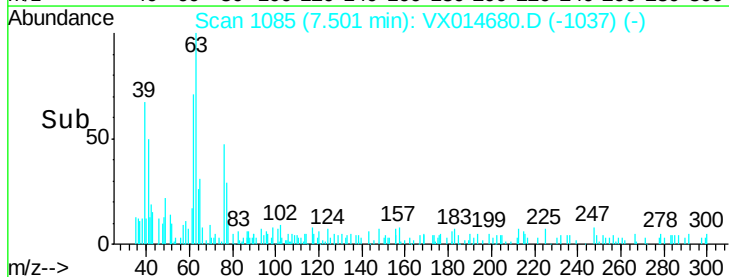
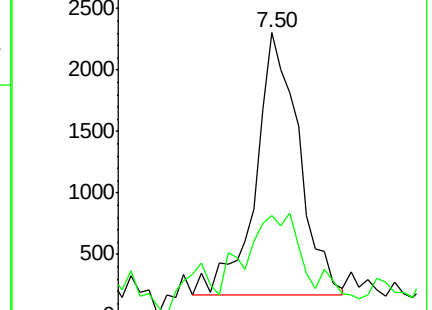
63 100

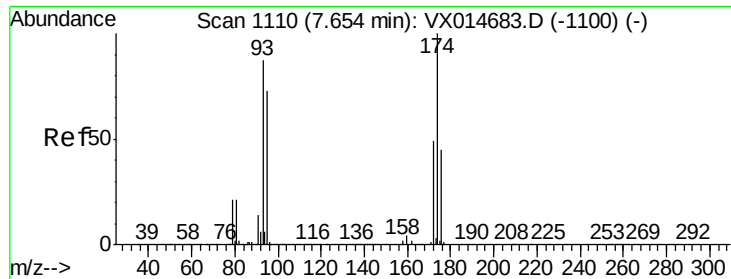
65 30.8 25.2 37.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0





#46

Dibromomethane

Concen: 0.856 ug/l

RT: 7.66 min Scan# 1111

Delta R.T. 0.01 min

Lab File: VX014680.D

Acq: 22 Jan 2020 10:18

Instrument :

MSVOA_X

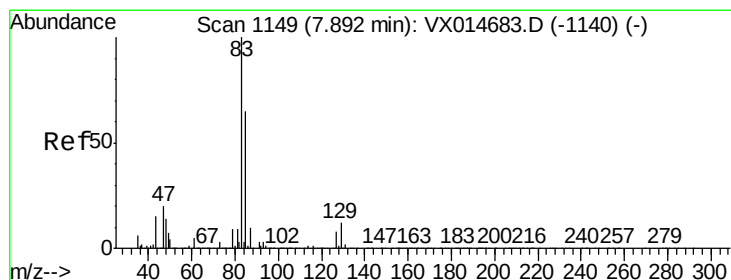
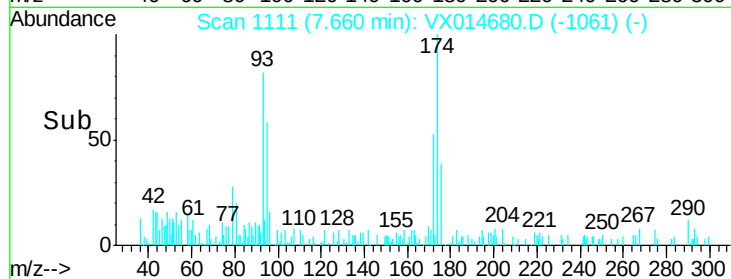
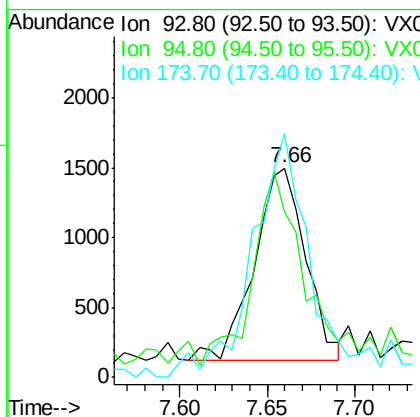
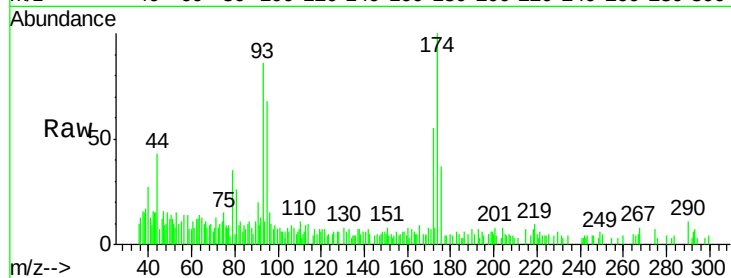
ClientSampleId :

VSTDIC001

Tot Ion:	93	Resp:	2831
Ion	Ratio	Lower	Upper
93	100		
95	98.8	67.0	100.4
174	137.6	90.2	135.2#

Manual Integrations
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1/24/2020 1:38:52 PM



#47

Bromodichloromethane

Concen: 0.925 ug/l

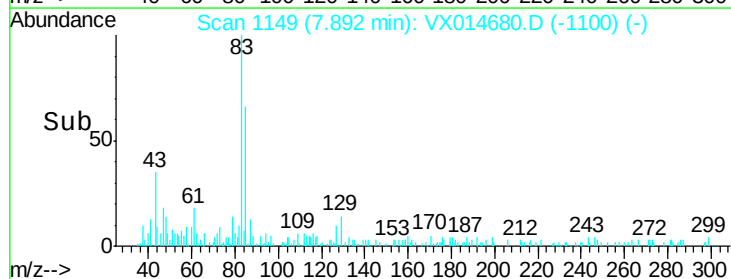
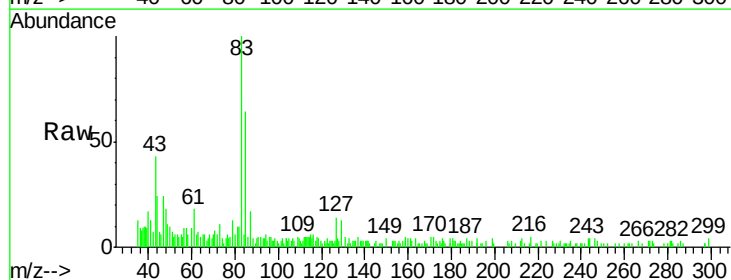
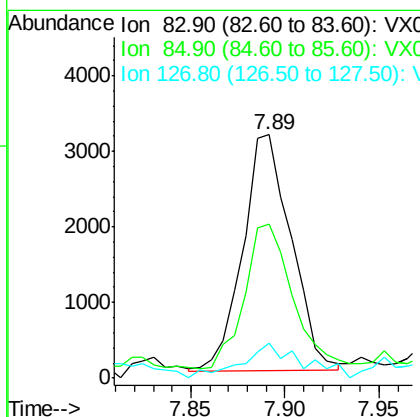
RT: 7.89 min Scan# 1149

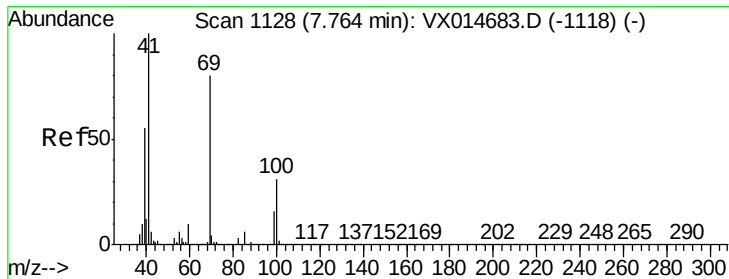
Delta R.T. -0.00 min

Lab File: VX014680.D

Acq: 22 Jan 2020 10:18

Tgt Ion:	83	Resp:	5585
Ion	Ratio	Lower	Upper
83	100		
85	61.5	52.2	78.2
127	14.8	6.4	9.6#





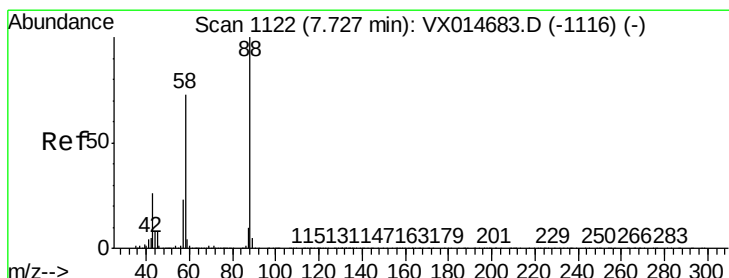
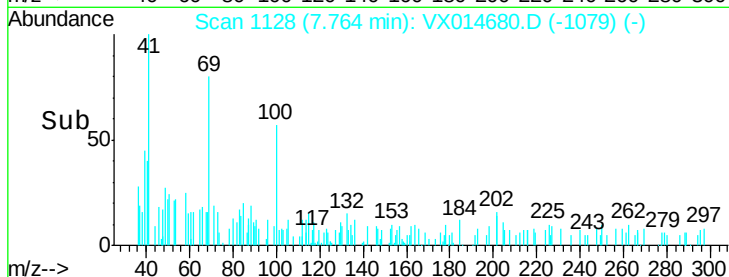
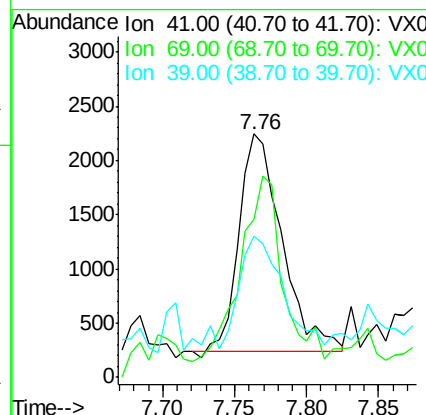
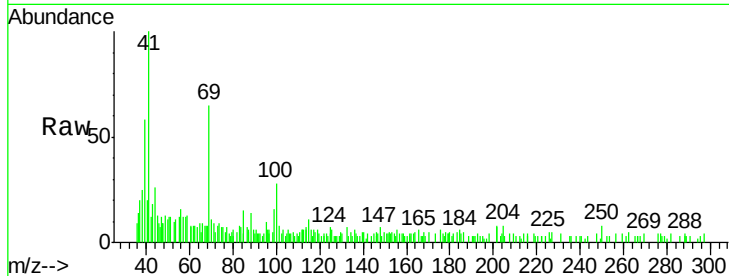
#48
Methvl methacrylate
Concen: 0.785 ug/l
RT: 7.76 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX014680.D
Acq: 22 Jan 2020 10:18

Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
41	100		
69	85.1	63.5	95.3
39	51.8	43.7	65.5

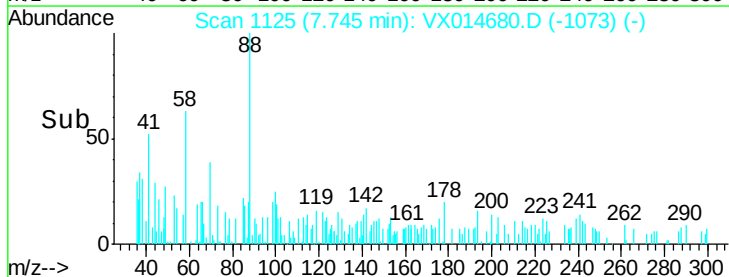
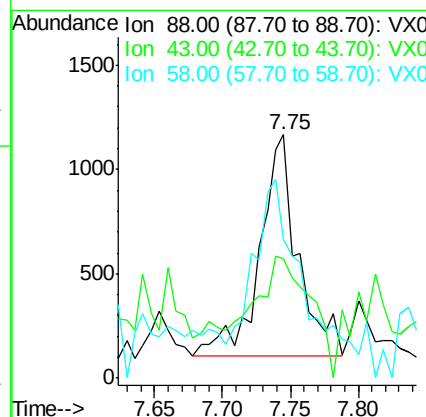
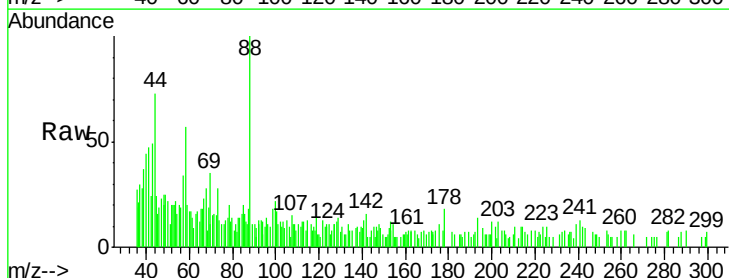
Manual Integrations
APPROVED

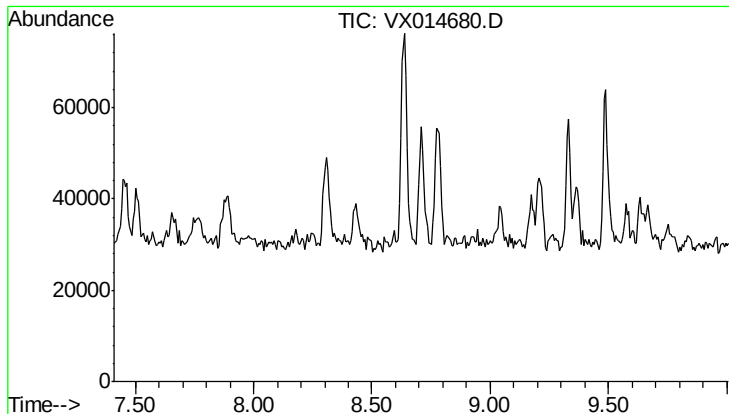
MMDadoda
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#49
1,4-Dioxane
Concen: 18.811 ug/l
RT: 7.75 min Scan# 1125
Delta R.T. 0.02 min
Lab File: VX014680.D
Acq: 22 Jan 2020 10:18

Tgt Ion	Ratio	Lower	Upper
88	100		
43	84.5	26.2	39.2#
58	125.6	56.6	85.0#





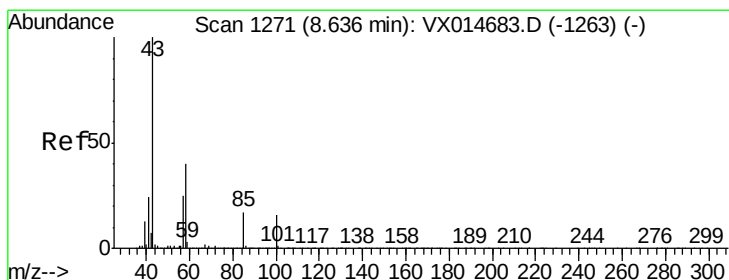
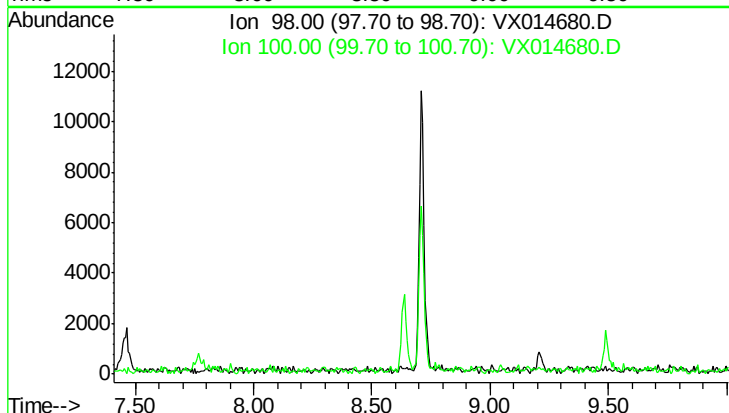
#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 8.71 min
Lab File: VX014680.D
Acq: 22 Jan 2020 10:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	98
Sig	Exp Ratio
98	100
100	66.3

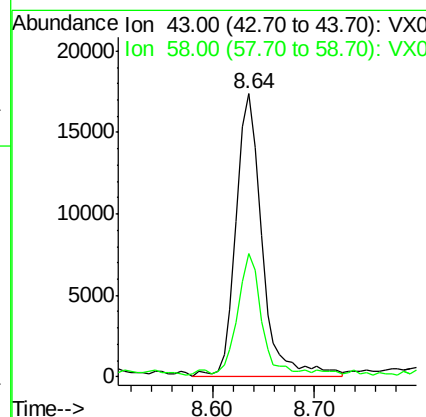
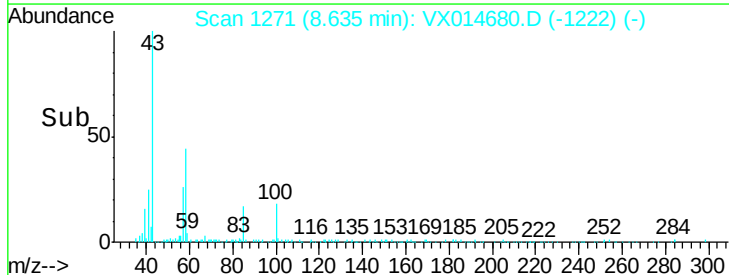
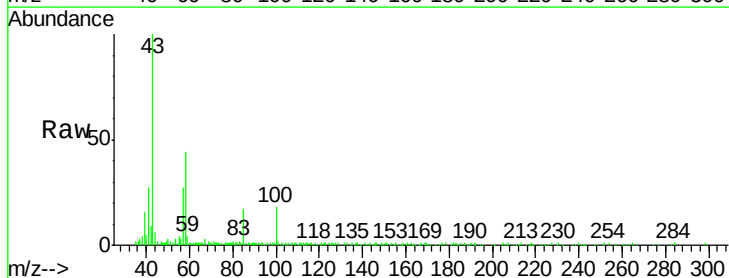
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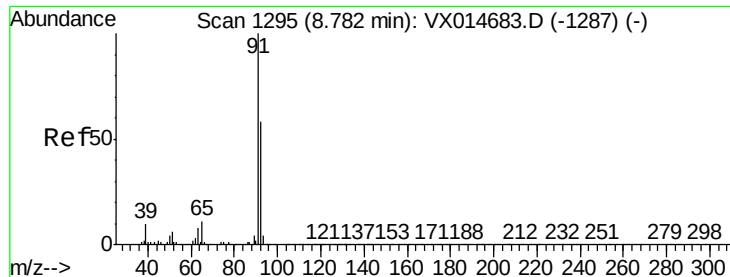
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#51
4-Methyl-2-Pentanone
Concen: 4.595 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VX014680.D
Acq: 22 Jan 2020 10:18

Tgt Ion	43	Resp	30909
Ion Ratio	Lower	Upper	
43	100		
58	37.5	31.6	47.4





#52

Toluene

Concen: 0.859 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VX014680.D

Acq: 22 Jan 2020 10:18

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

Tot Ion: 92 Resp: 10203

Ion Ratio Lower Upper

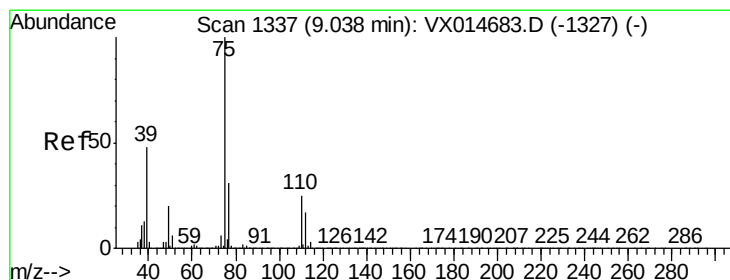
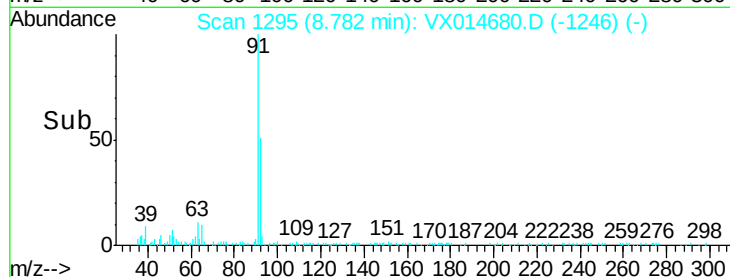
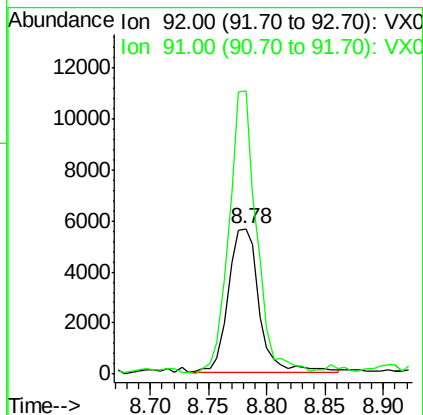
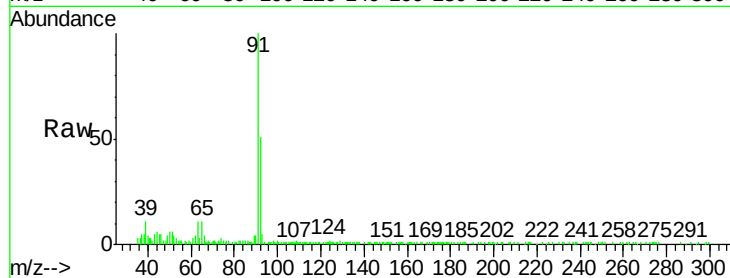
92 100

91 181.5 135.9 203.9

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#53

t-1,3-Dichloropropene

Concen: 0.766 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX014680.D

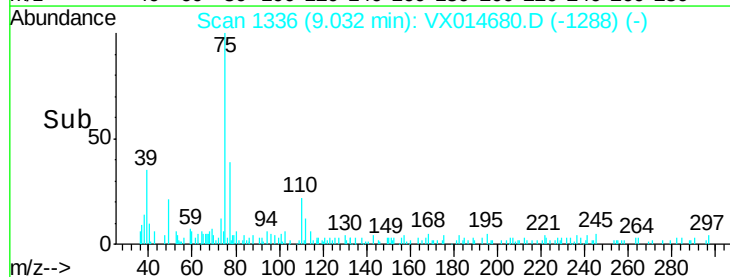
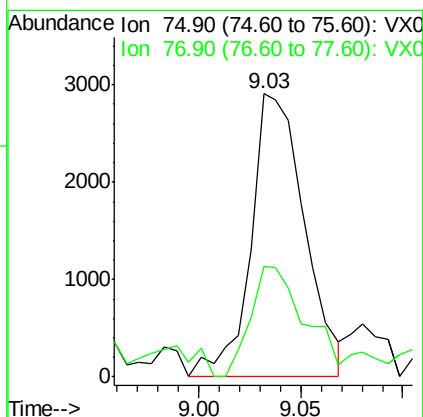
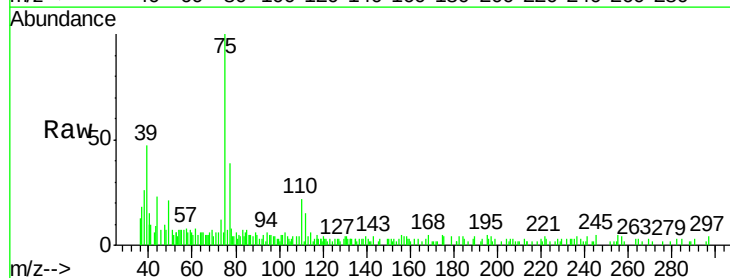
Acq: 22 Jan 2020 10:18

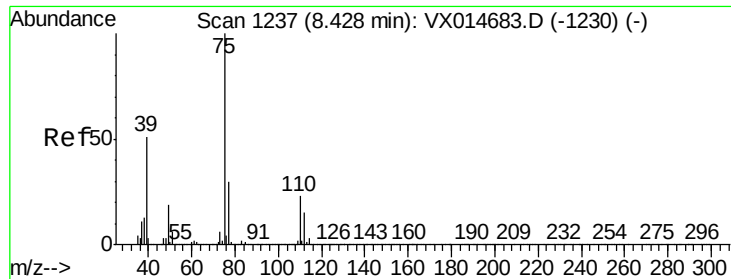
Tgt Ion: 75 Resp: 5344

Ion Ratio Lower Upper

75 100

77 34.6 24.9 37.3





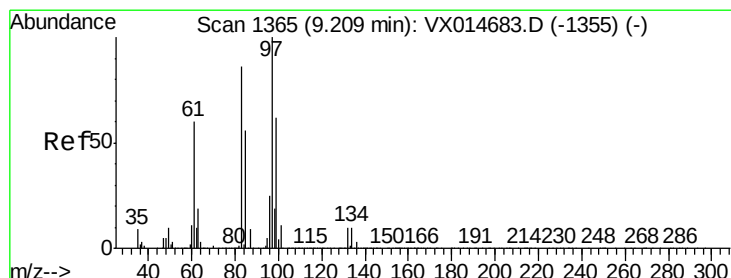
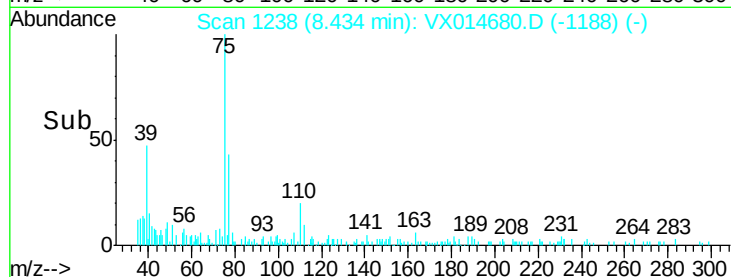
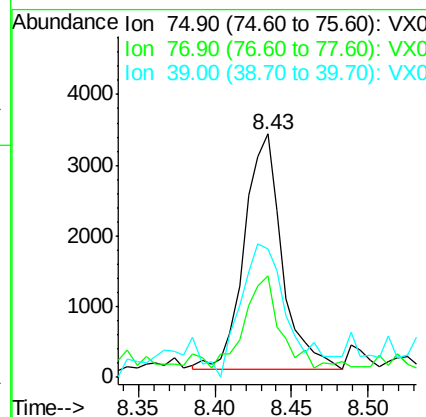
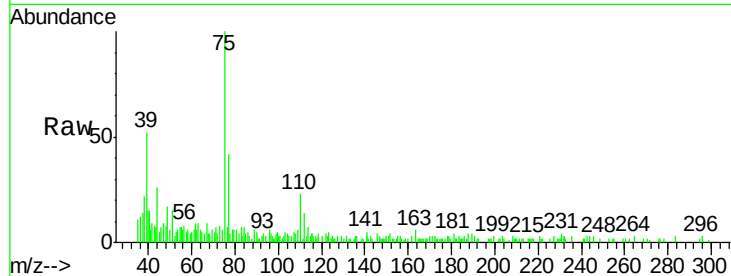
#54
 cis-1,3-Dichloropropene
 Concen: 0.754 ug/l
 RT: 8.43 min Scan# 1238
 Delta R.T. 0.01 min
 Lab File: VX014680.D
 Acq: 22 Jan 2020 10:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion:	75	Resp:	5692
Ion Ratio	Lower	Upper	
75	100		
77	36.4	23.9	35.9#
39	45.3	40.9	61.3

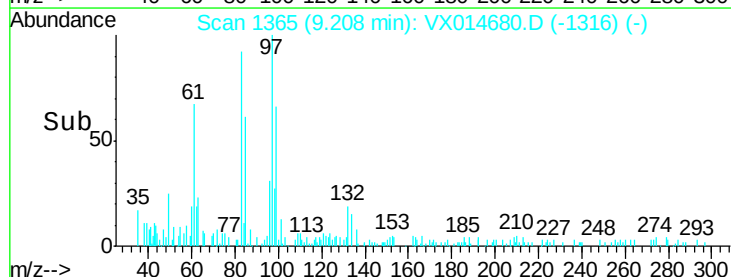
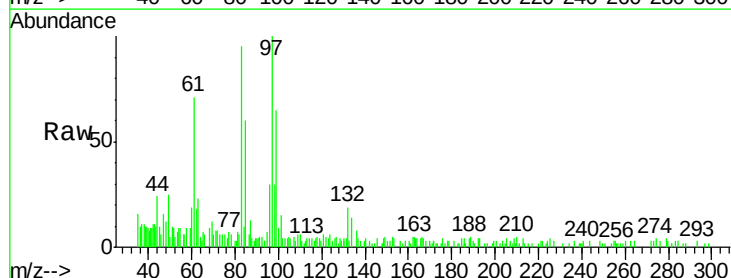
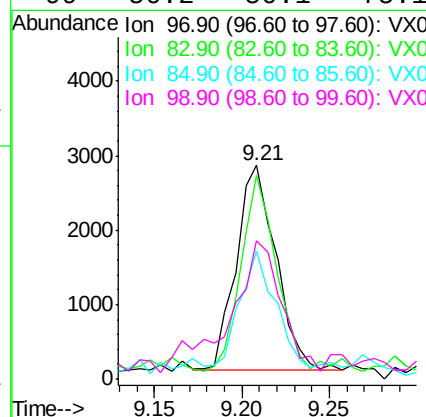
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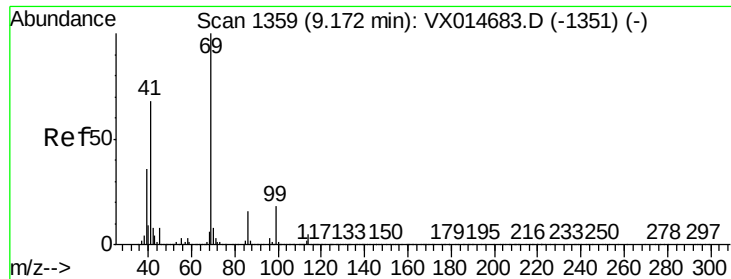
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#55
 1,1,2-Trichloroethane
 Concen: 0.904 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX014680.D
 Acq: 22 Jan 2020 10:18

Tgt Ion:	97	Resp:	4326
Ion Ratio	Lower	Upper	
97	100		
83	94.7	69.2	103.8
85	56.7	44.6	67.0
99	56.2	50.1	75.1





#56

Ethyl methacrylate

Concen: 0.687 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. -0.00 min

Lab File: VX014680.D

Acq: 22 Jan 2020 10:18

Instrument :

MSVOA_X

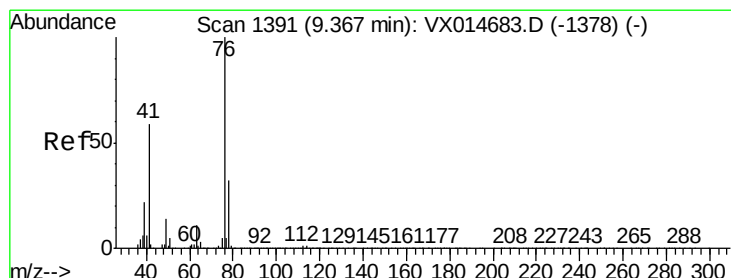
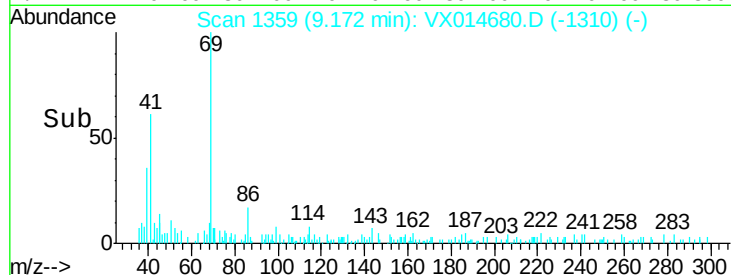
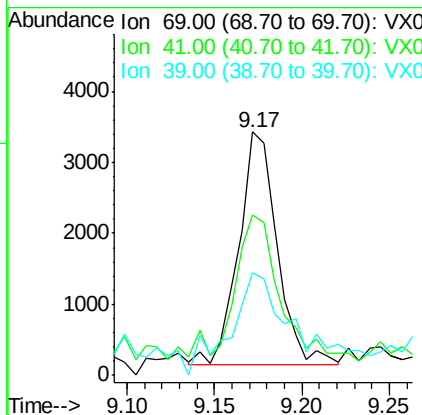
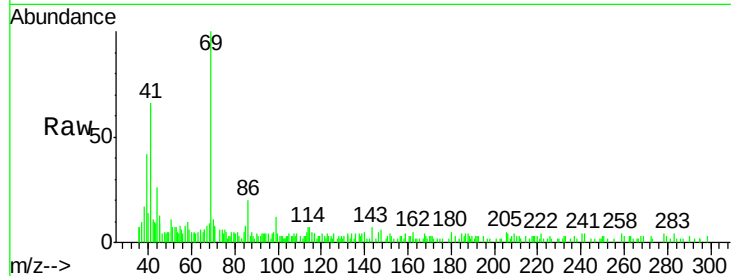
ClientSampleId :

VSTDIC001

Tot Ion:	69	Resp:	5010
Ion	Ratio	Lower	Upper
69	100		
41	75.4	54.9	82.3
39	78.8	29.3	43.9#

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#57

1,3-Dichloropropane

Concen: 0.952 ug/l

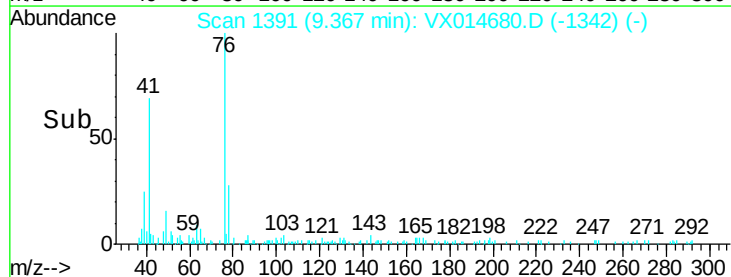
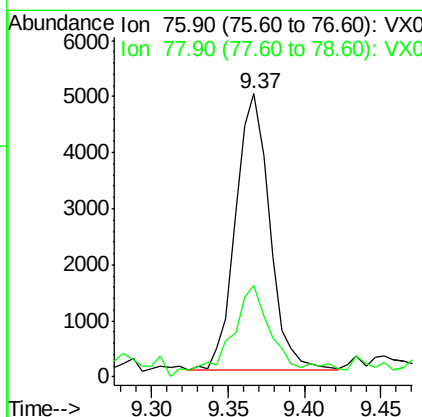
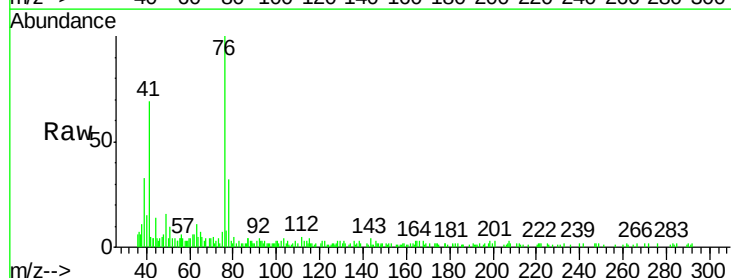
RT: 9.37 min Scan# 1391

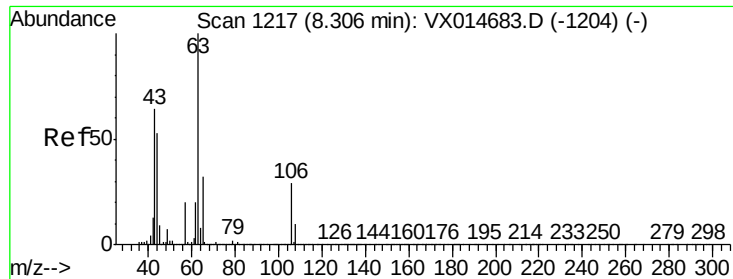
Delta R.T. -0.00 min

Lab File: VX014680.D

Acq: 22 Jan 2020 10:18

Tgt Ion:	76	Resp:	7633
Ion	Ratio	Lower	Upper
76	100		
78	30.3	26.0	39.0





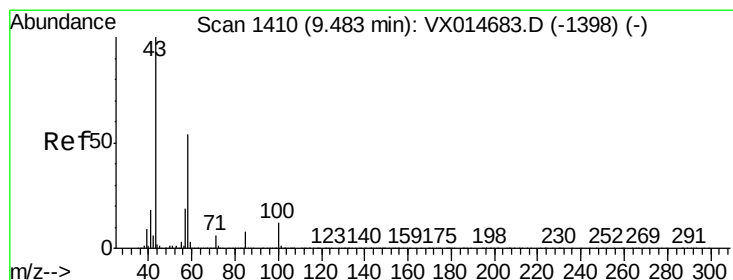
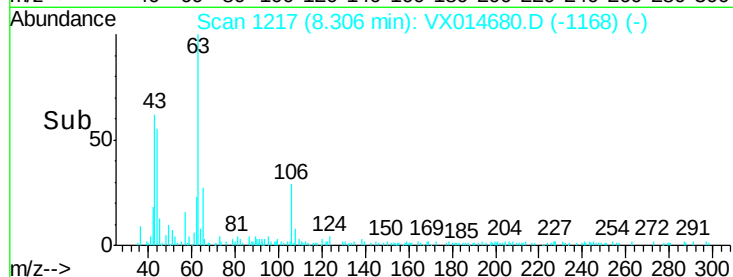
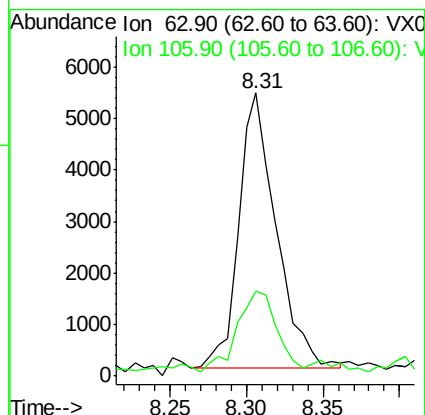
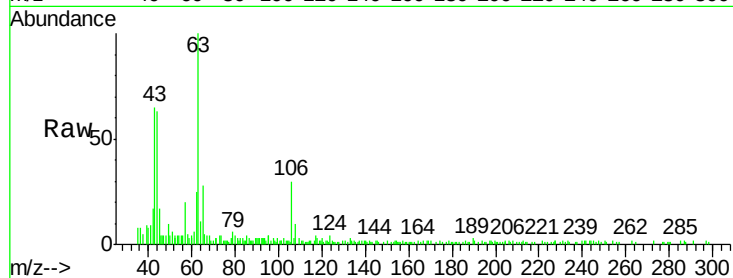
#58
2-Chloroethyl Vinyl ether
Concen: 3.616 ug/l
RT: 8.31 min Scan# 1217
Delta R.T. -0.00 min
Lab File: VX014680.D
Acq: 22 Jan 2020 10:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
63	100		
106	33.6	22.7	34.1

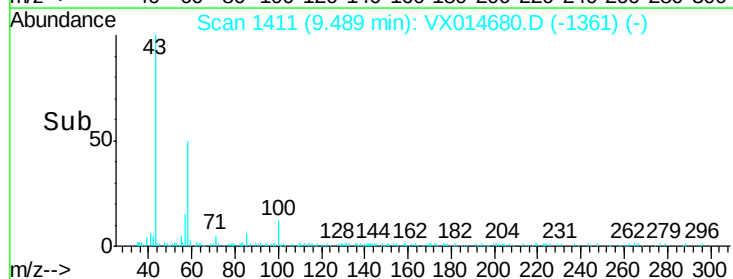
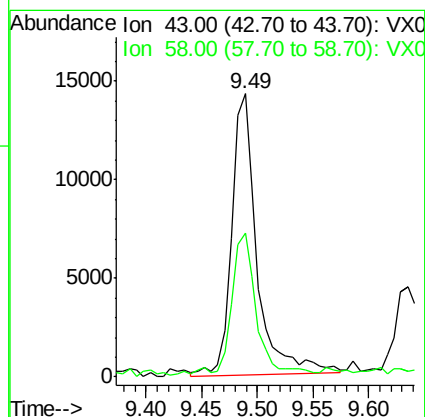
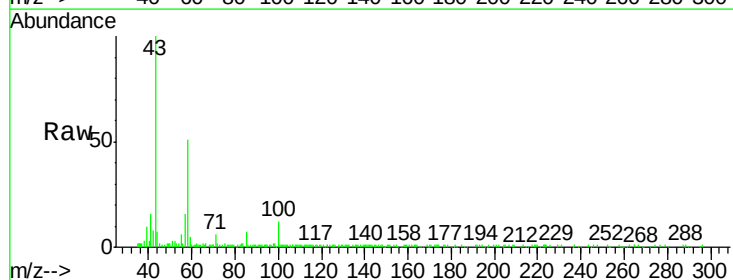
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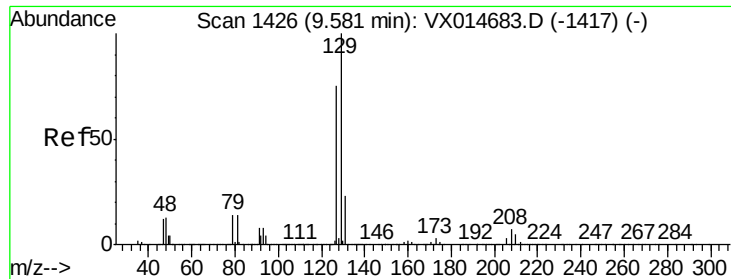
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#59
2-Hexanone
Concen: 4.225 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.01 min
Lab File: VX014680.D
Acq: 22 Jan 2020 10:18

Tgt Ion	Ratio	Lower	Upper
43	100		
58	49.3	27.2	81.5





#60

Dibromochloromethane

Concen: 0.961 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. -0.01 min

Lab File: VX014680.D

Acq: 22 Jan 2020 10:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:129 Resp: 4615

Ion Ratio Lower Upper

129 100

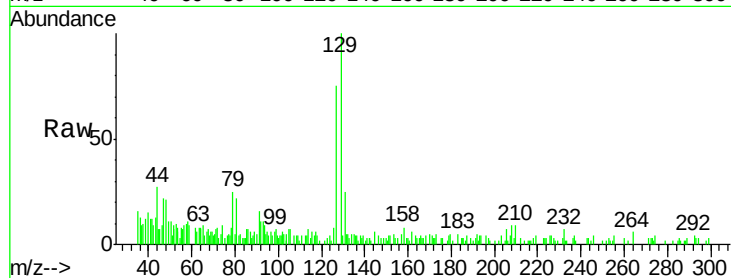
127 71.1 38.5 115.5

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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.57

3000

2500

2000

1500

1000

500

0

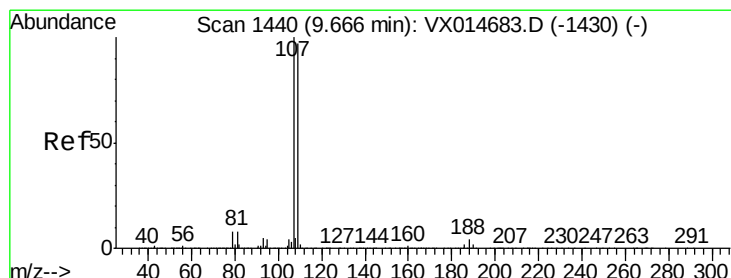
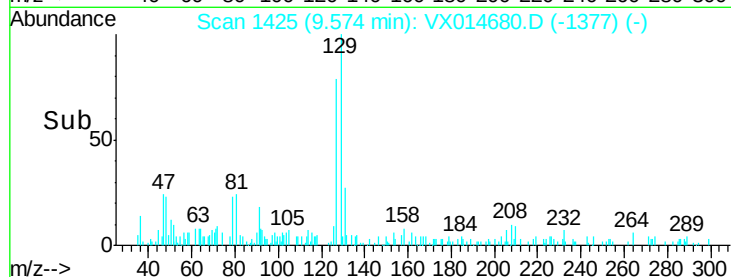
9.50

9.55

9.60

9.65

Time-->



#61

1,2-Dibromoethane

Concen: 0.911 ug/l

RT: 9.67 min Scan# 1441

Delta R.T. 0.01 min

Lab File: VX014680.D

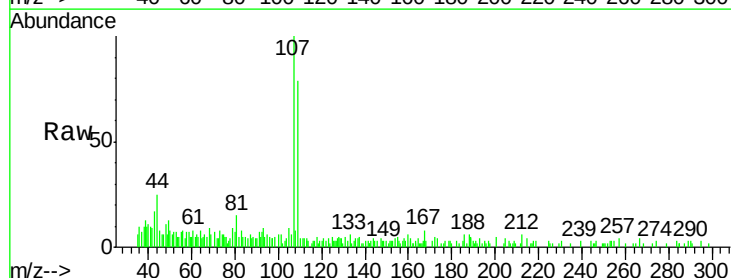
Acq: 22 Jan 2020 10:18

Tgt Ion:107 Resp: 4609

Ion Ratio Lower Upper

107 100

109 98.5 76.2 114.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

3000

2000

1000

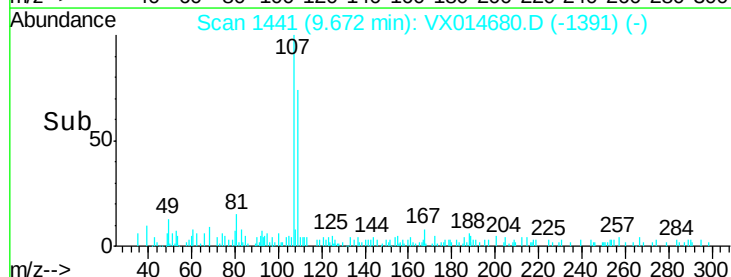
0

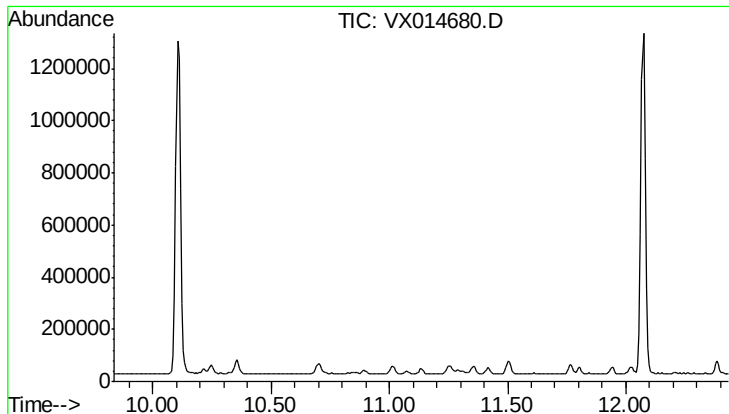
9.60

9.65

9.70

Time-->





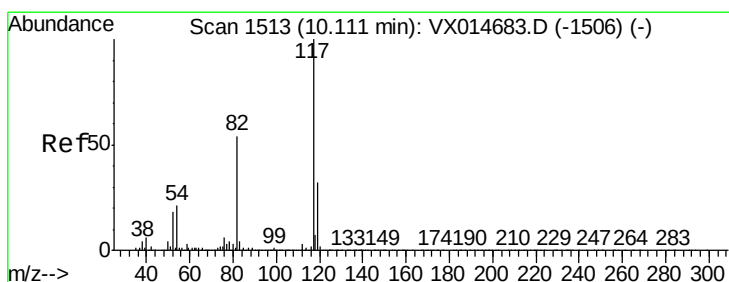
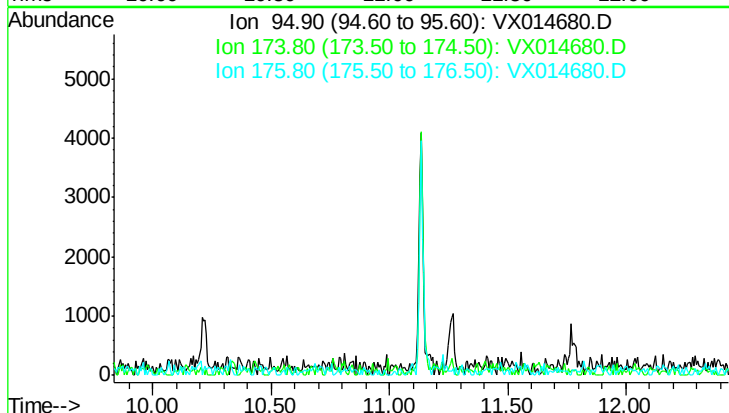
#62
 4-Bromofluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 11.14 min
 Lab File: VX014680.D
 Acq: 22 Jan 2020 10:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	95
Siq	Exp Ratio
95	100
174	88.0
176	86.1

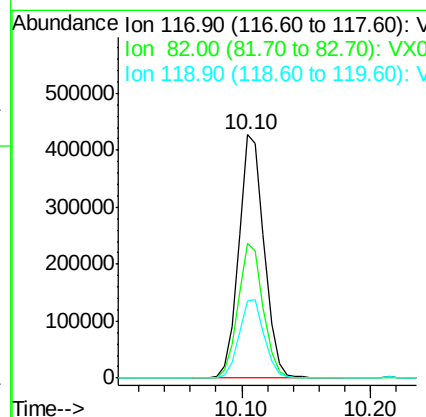
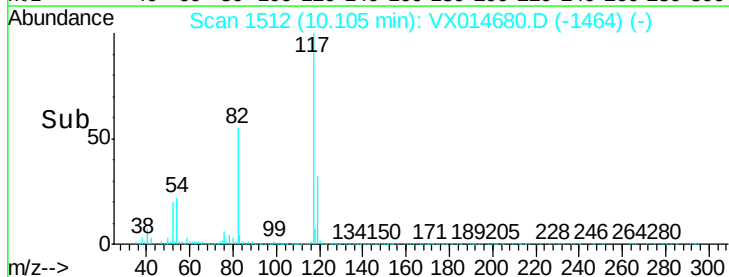
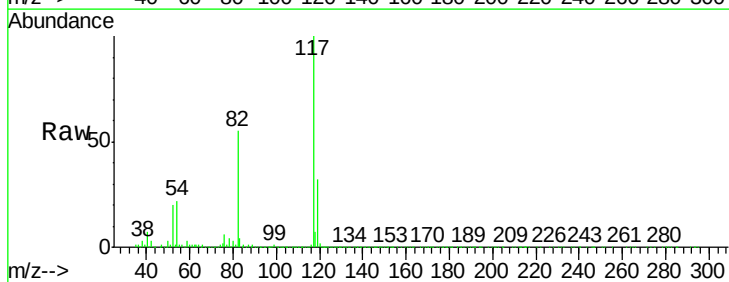
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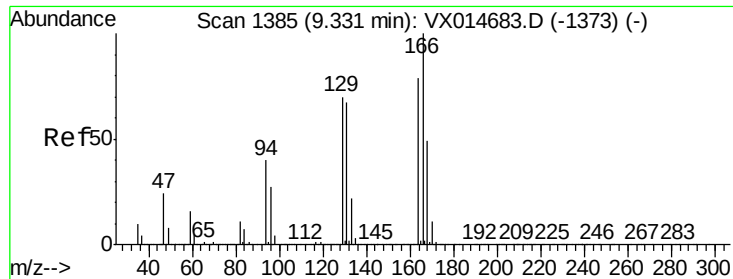
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#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.10 min Scan# 1512
 Delta R.T. -0.01 min
 Lab File: VX014680.D
 Acq: 22 Jan 2020 10:18

Tgt Ion	117	Resp	584338
Ion	Ratio	Lower	Upper
117	100		
82	55.1	43.2	64.8
119	31.8	25.8	38.6





#64

Tetrachloroethene

Concen: 0.984 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VX014680.D

Acq: 22 Jan 2020 10:18

Instrument :

MSVOA_X

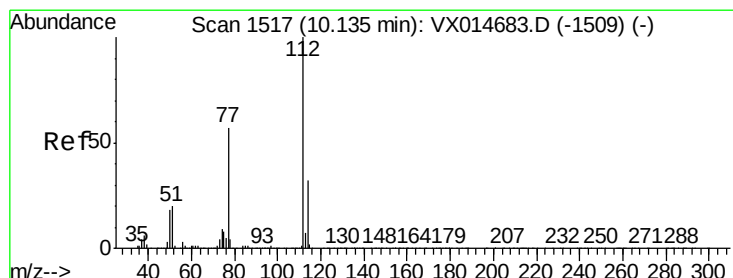
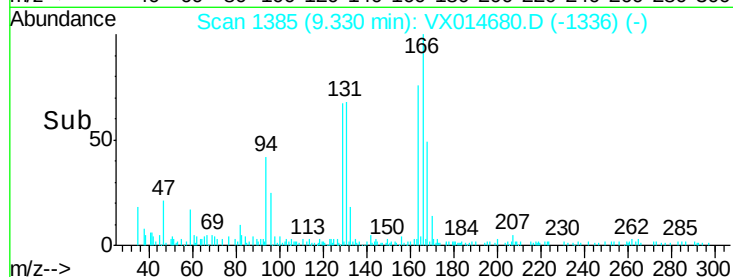
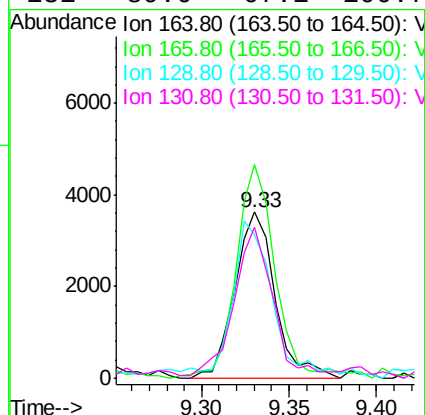
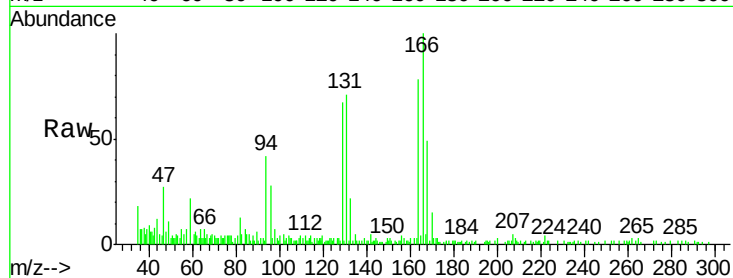
ClientSampleId :

VSTDIC001

Tot Ion:	164	Resp:	5799
Ion	Ratio	Lower	Upper
164	100		
166	126.3	100.9	151.3
129	83.8	71.0	106.6
131	89.0	67.1	100.7

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#65

Chlorobenzene

Concen: 0.968 ug/l

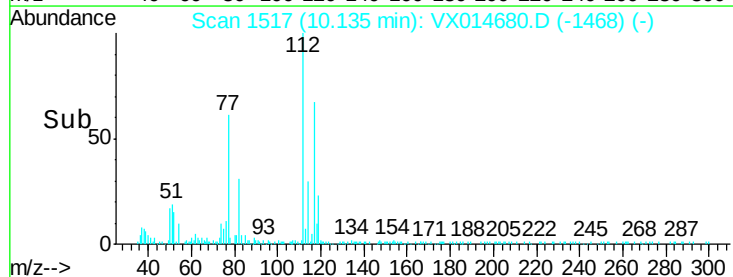
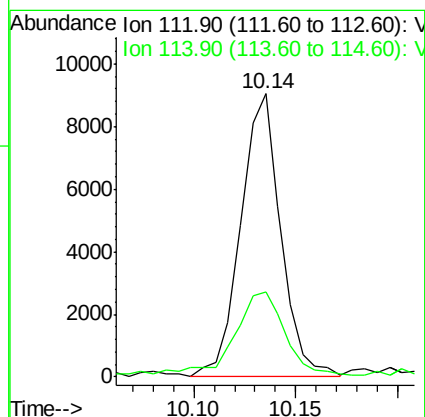
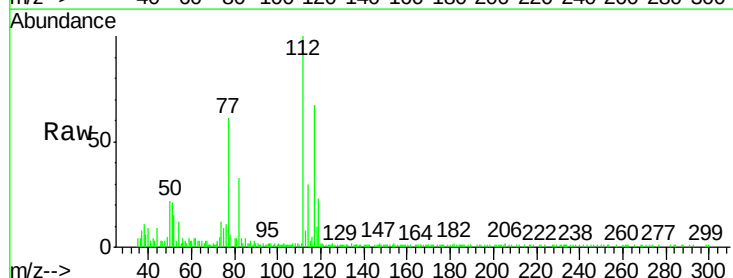
RT: 10.14 min Scan# 1517

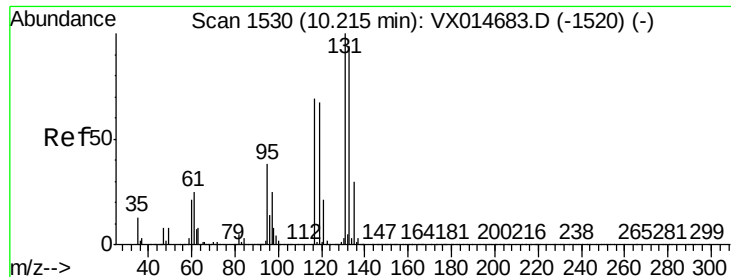
Delta R.T. -0.00 min

Lab File: VX014680.D

Acq: 22 Jan 2020 10:18

Tgt Ion:	112	Resp:	12344
Ion	Ratio	Lower	Upper
112	100		
114	29.0	25.8	38.8





#66

1,1,1,2-Tetrachloroethane

Concen: 1.011 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX014680.D

Acq: 22 Jan 2020 10:18

Instrument :

MSVOA_X

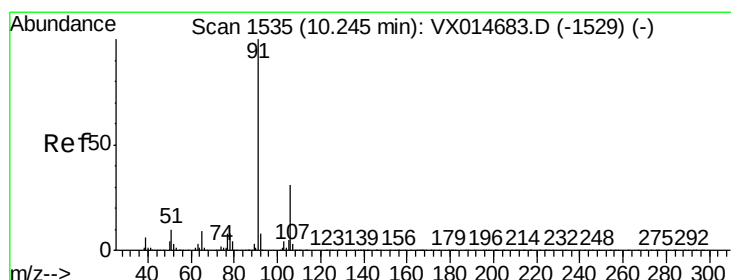
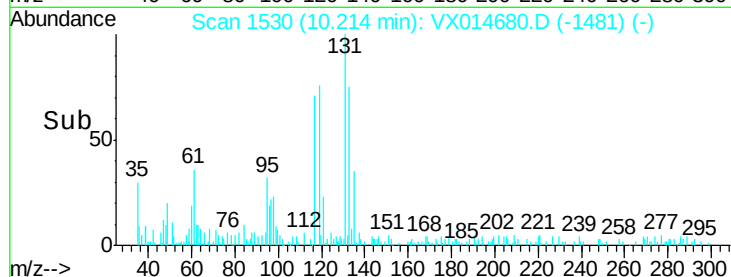
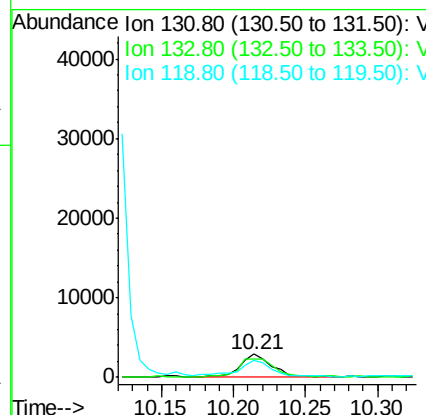
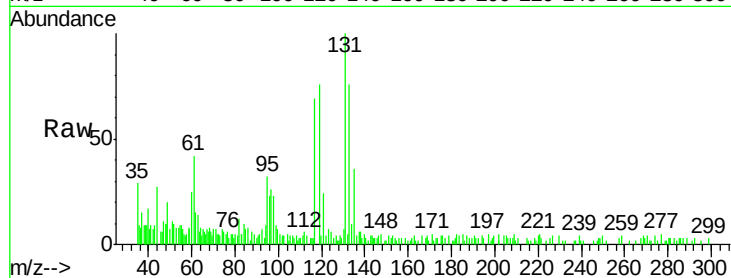
ClientSampleId :

VSTDIC001

Tot Ion	Ratio	Lower	Upper
131	100		
133	92.5	47.4	142.3
119	0.0	33.3	99.8#

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#67

Ethyl Benzene

Concen: 0.874 ug/l

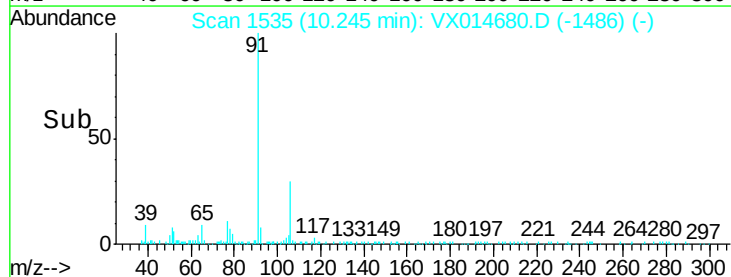
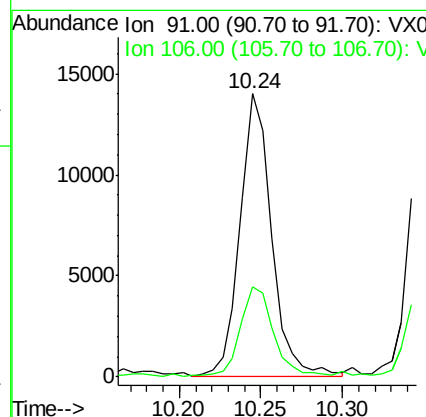
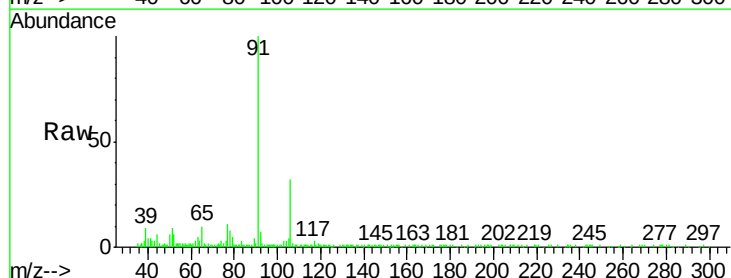
RT: 10.24 min Scan# 1535

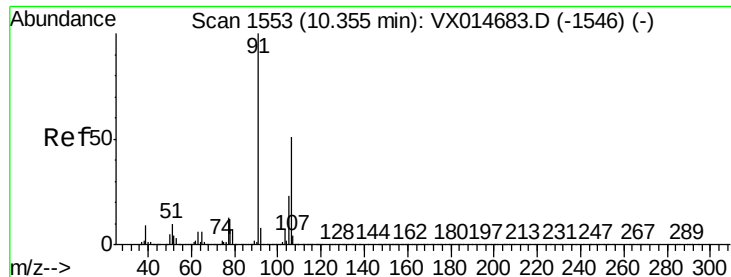
Delta R.T. -0.00 min

Lab File: VX014680.D

Acq: 22 Jan 2020 10:18

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.0	24.9	37.3





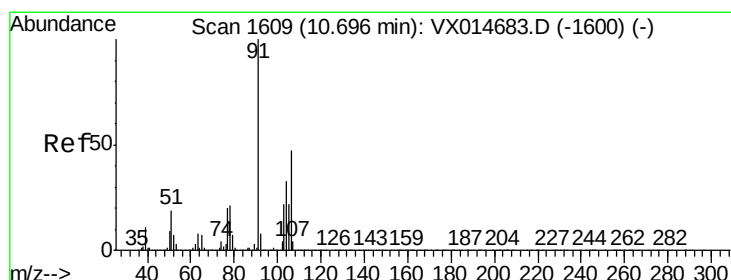
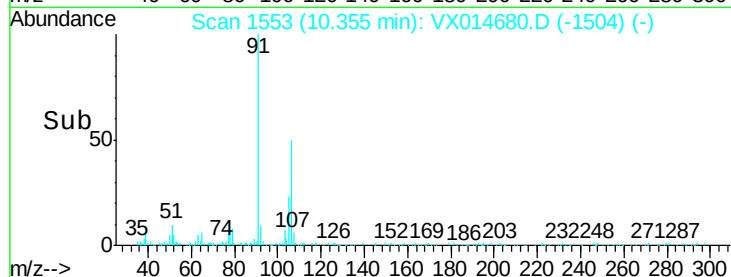
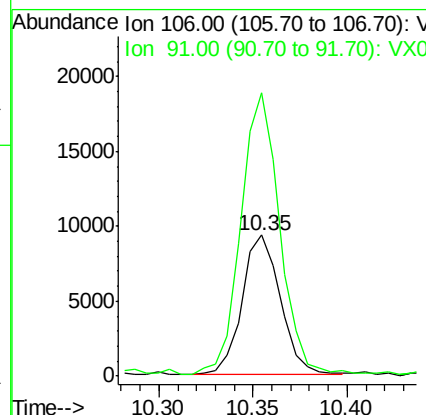
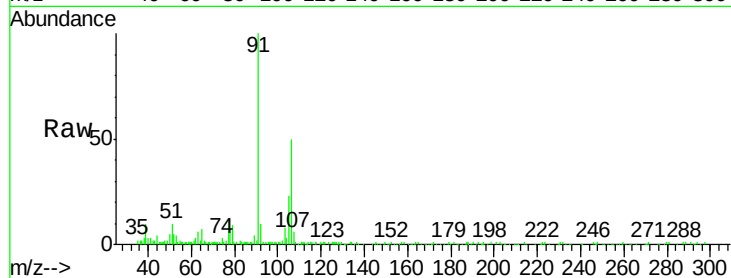
#68
m/p-Xylenes
Concen: 1.581 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX014680.D
Acq: 22 Jan 2020 10:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion:106 Resp: 13270
Ion Ratio Lower Upper
106 100
91 200.6 159.4 239.2

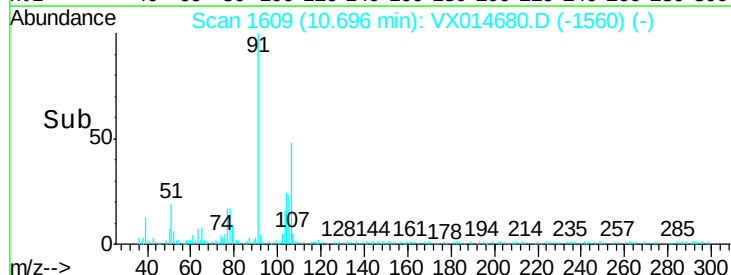
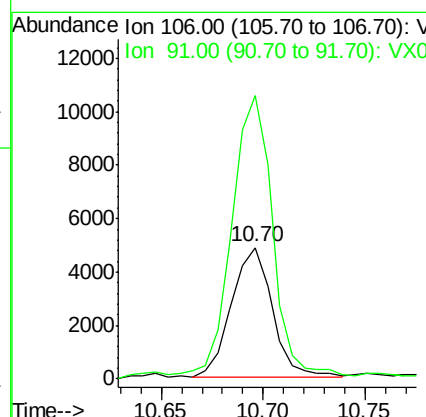
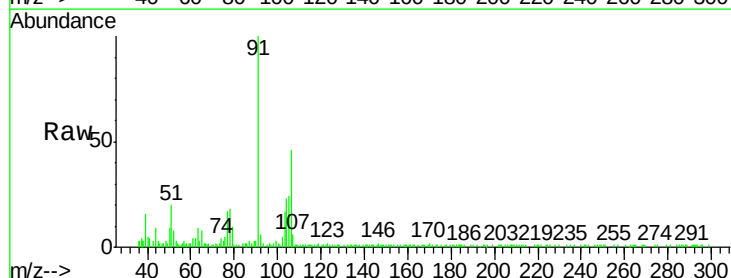
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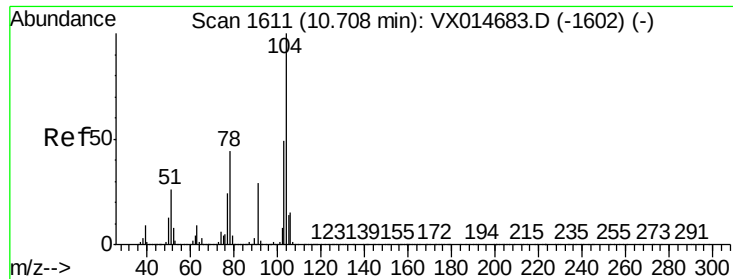
MMDadoda
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#69
o-Xylene
Concen: 0.835 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX014680.D
Acq: 22 Jan 2020 10:18

Tgt Ion:106 Resp: 6679
Ion Ratio Lower Upper
106 100
91 216.6 106.2 318.6





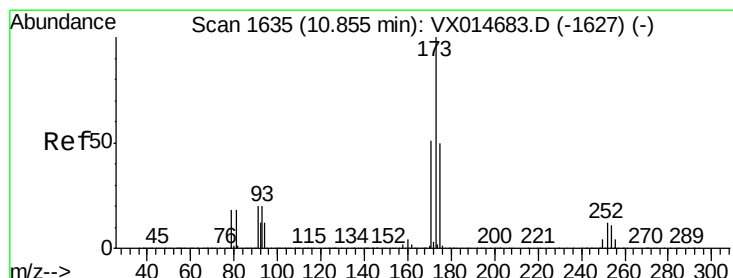
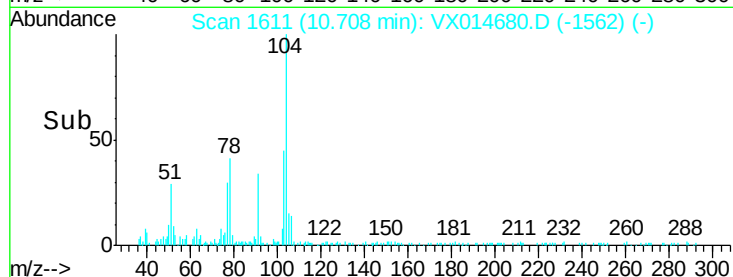
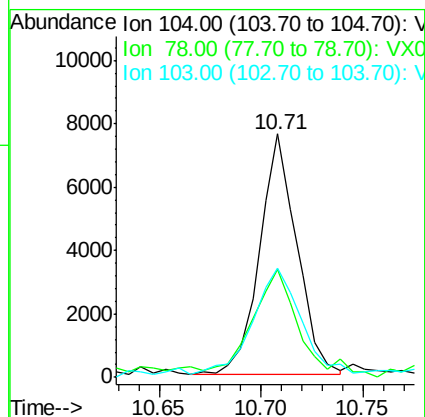
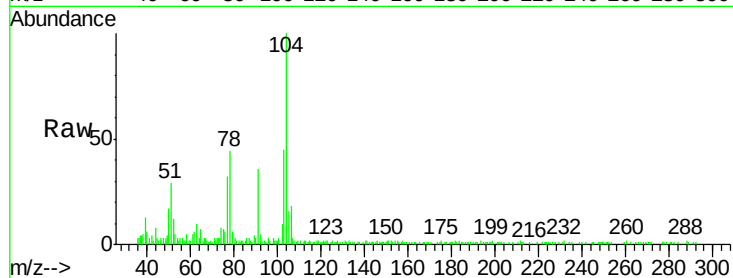
#70
Stvrene
Concen: 0.704 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX014680.D
Acq: 22 Jan 2020 10:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion:	104	Resp:	9720
Ion Ratio	Lower	Upper	
104	100		
78	57.2	39.3	58.9
103	56.2	43.5	65.3

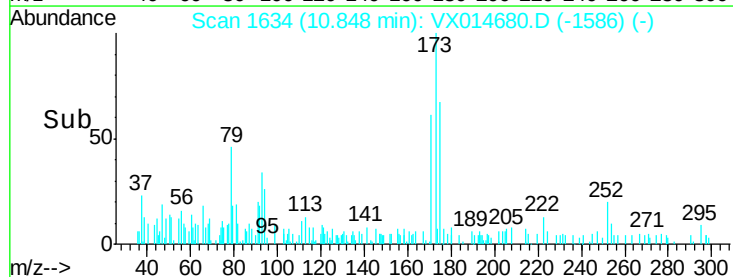
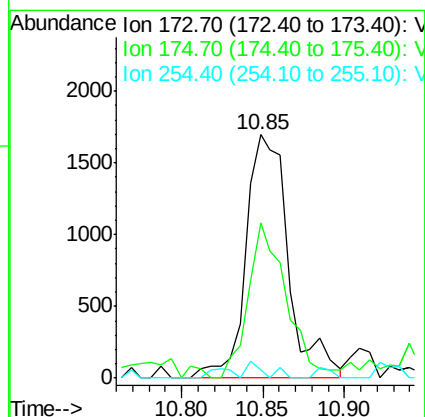
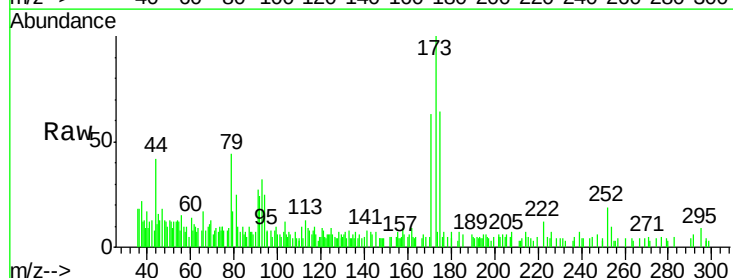
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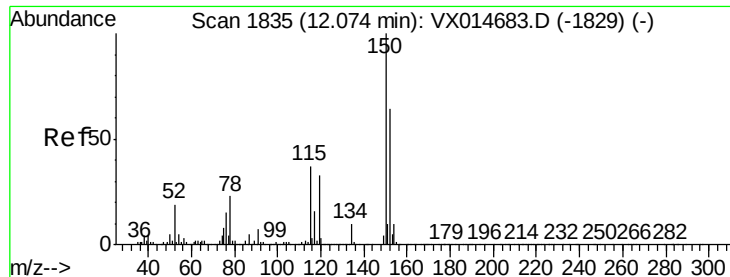
MMDadoda
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#71
Bromoform
Concen: 0.831 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VX014680.D
Acq: 22 Jan 2020 10:18

Tgt Ion:	173	Resp:	3076
Ion Ratio	Lower	Upper	
173	100		
175	56.8	24.6	73.6
254	2.1	0.1	0.1#





#72

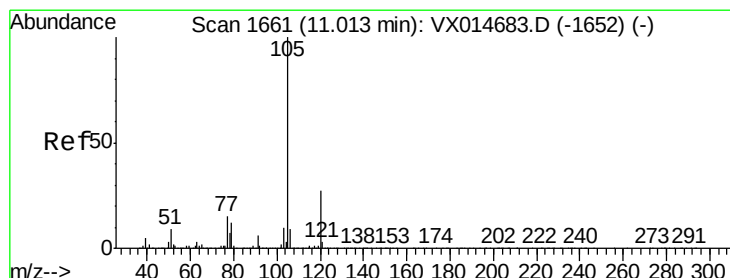
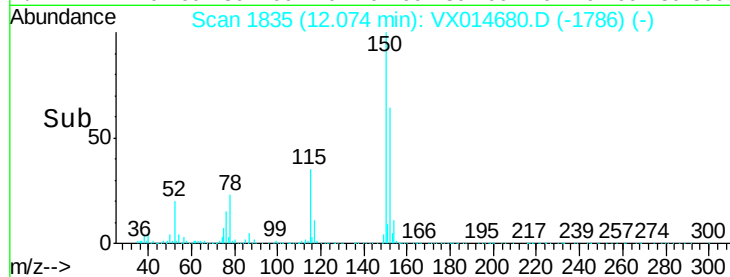
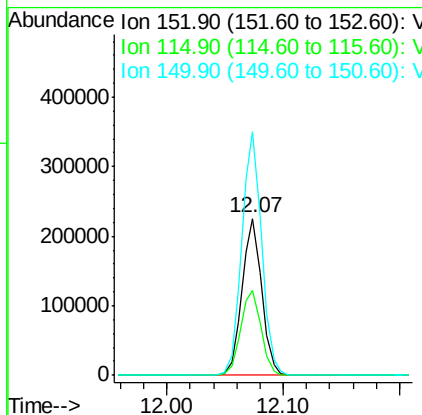
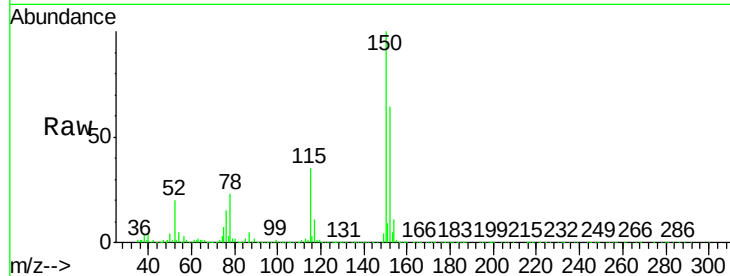
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX014680.D
Acq: 22 Jan 2020 10:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Resp	Lower	Upper
152	100	265410		
115	56.1	39.4	118.1	
150	156.2	0.0	351.2	

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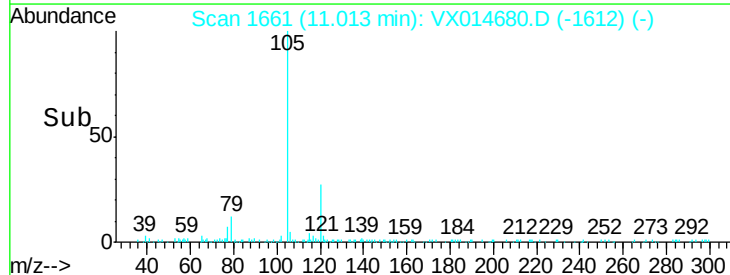
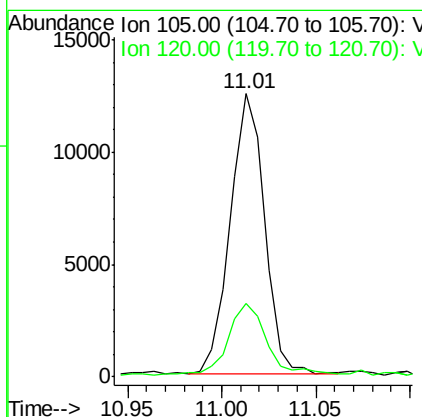
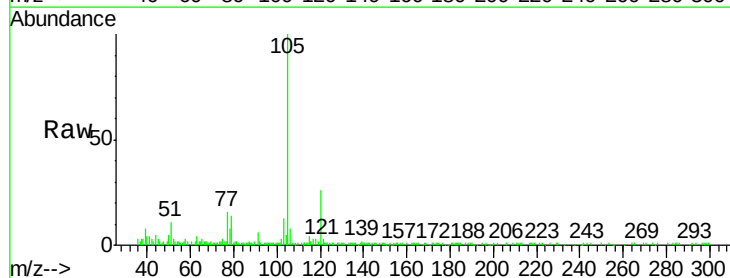
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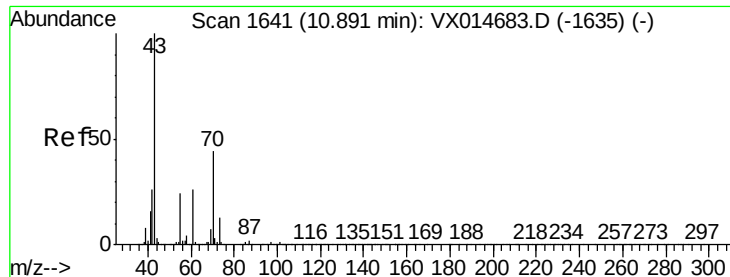


#73

Isopropylbenzene
Concen: 0.842 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX014680.D
Acq: 22 Jan 2020 10:18

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	15811		
120	30.6	13.5	40.5	





#74

N-amvl acetate

Concen: 0.714 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX014680.D

Acq: 22 Jan 2020 10:18

Instrument :

MSVOA_X

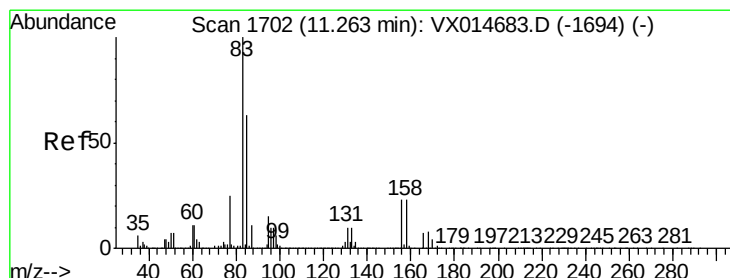
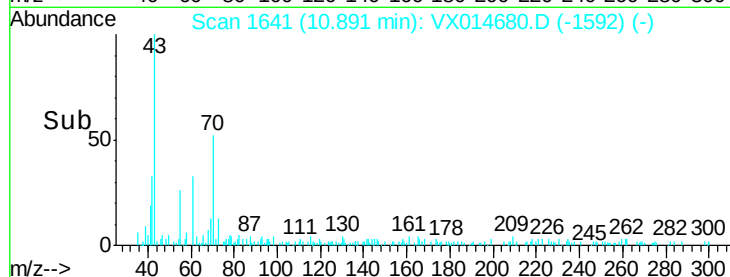
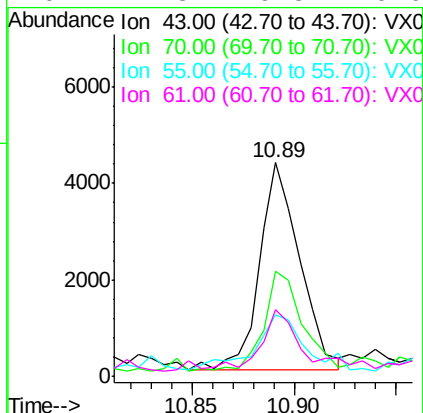
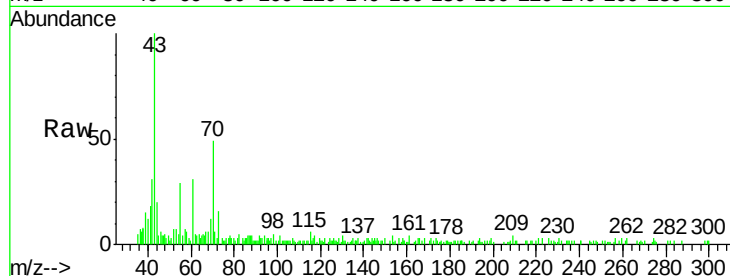
ClientSampleId :

VSTDIC001

Tot Ion	Ratio	Lower	Upper
43	100		
70	45.9	34.6	52.0
55	36.5	19.4	29.2
61	27.3	19.8	29.6

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#75

1,1,2,2-Tetrachloroethane

Concen: 1.229 ug/l

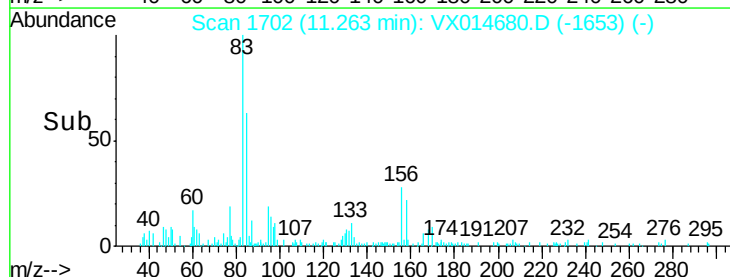
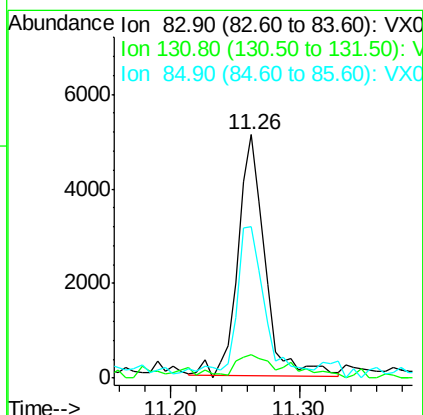
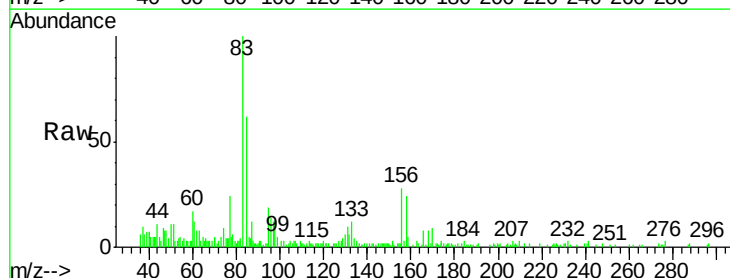
RT: 11.26 min Scan# 1702

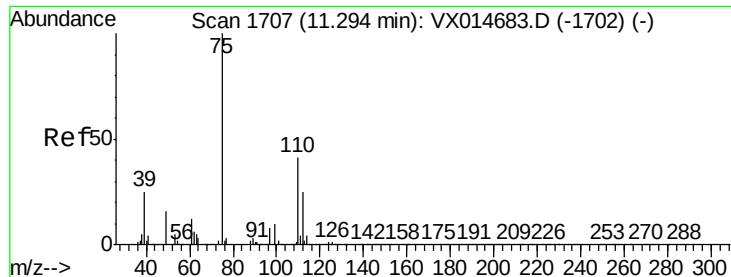
Delta R.T. -0.00 min

Lab File: VX014680.D

Acq: 22 Jan 2020 10:18

Tgt Ion	Ratio	Lower	Upper
83	100		
131	8.4	5.0	15.0
85	59.4	31.7	95.1





#76

1,2,3-Trichloropropane

Concen: 1.107 ug/l m

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014680.D

Acq: 22 Jan 2020 10:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 75 Resp: 6316

Ion Ratio Lower Upper

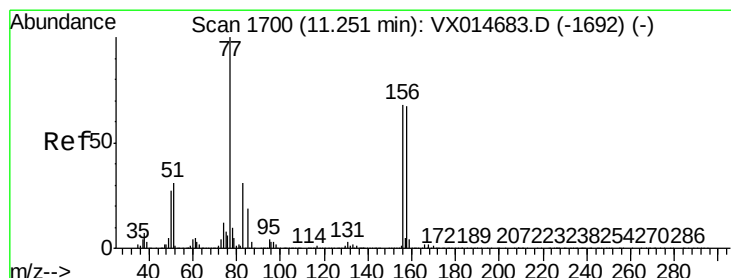
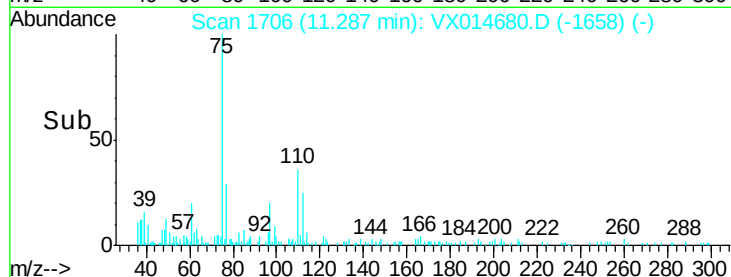
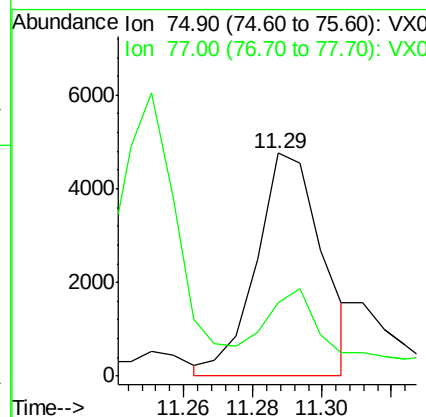
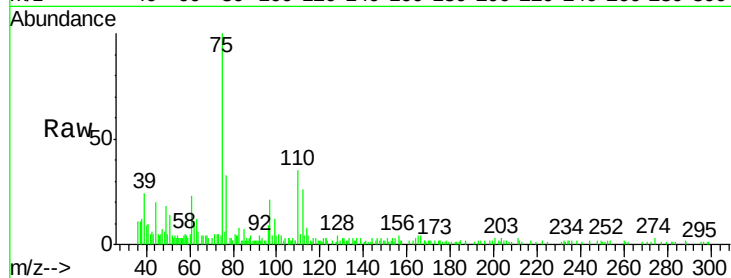
75 100

77 35.5 18.7 56.1

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#77

Bromobenzene

Concen: 0.896 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX014680.D

Acq: 22 Jan 2020 10:18

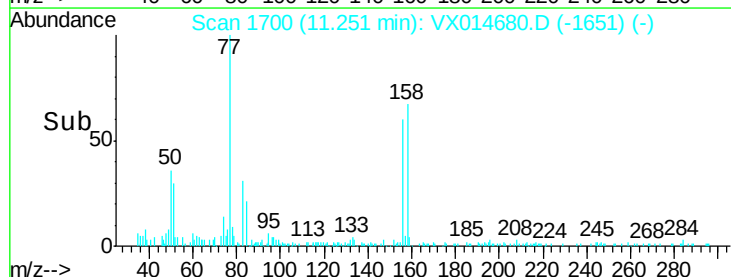
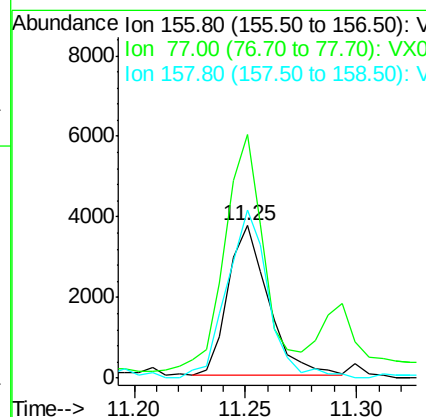
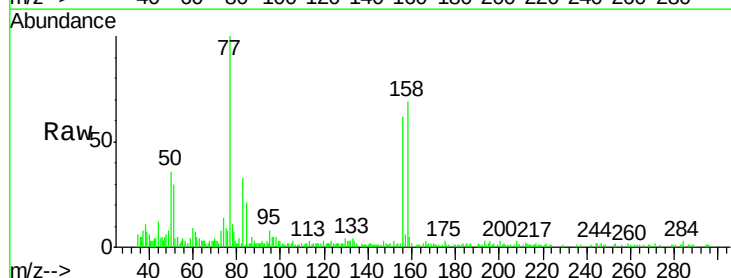
Tgt Ion: 156 Resp: 4652

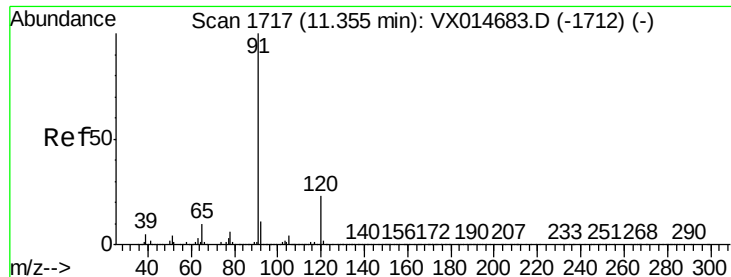
Ion Ratio Lower Upper

156 100

77 154.9 77.5 232.5

158 116.6 49.1 147.3





#78

n-propylbenzene

Concen: 0.828 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX014680.D

Acq: 22 Jan 2020 10:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 91 Resp: 17837

Ion Ratio Lower Upper

91 100

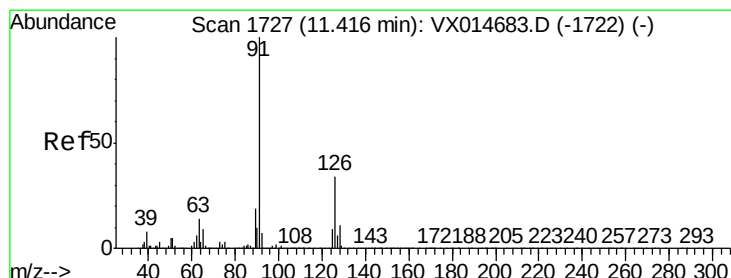
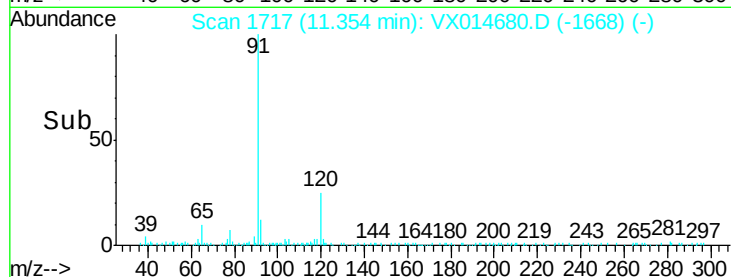
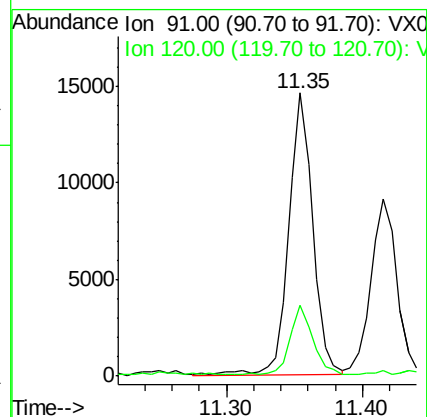
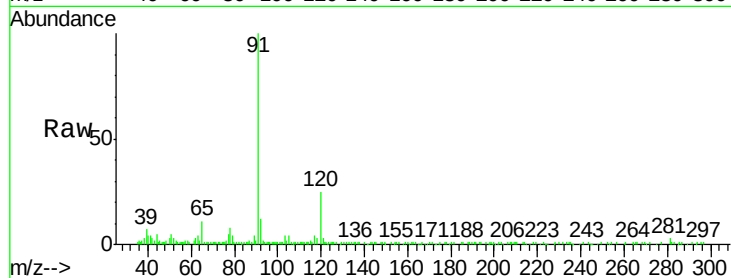
120 25.2 11.7 35.0

Manual Integrations

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#79

2-Chlorotoluene

Concen: 0.911 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX014680.D

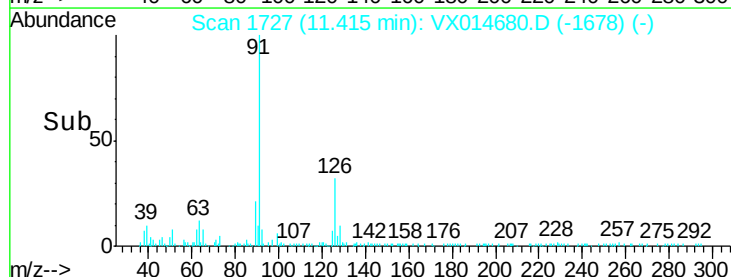
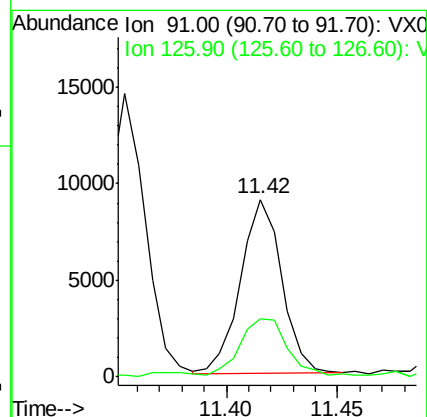
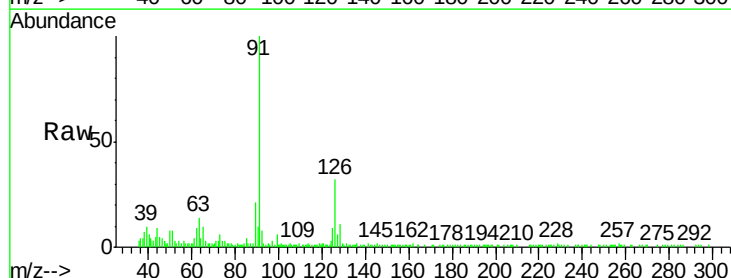
Acq: 22 Jan 2020 10:18

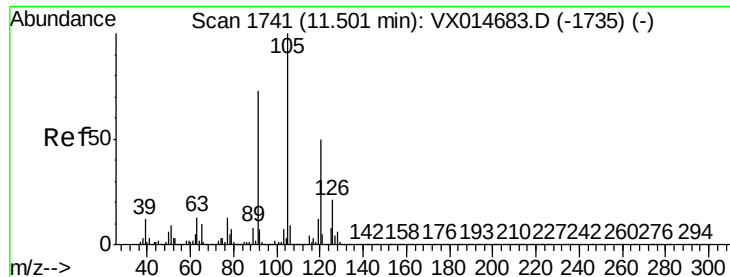
Tgt Ion: 91 Resp: 11699

Ion Ratio Lower Upper

91 100

126 36.7 17.3 51.9





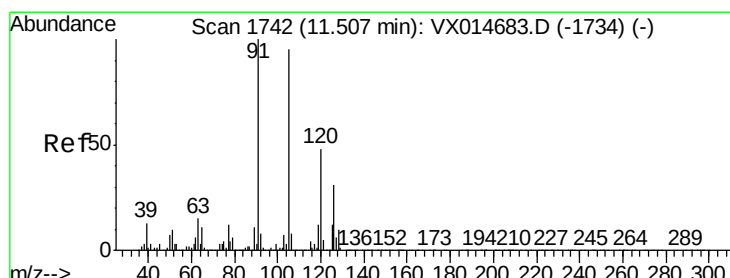
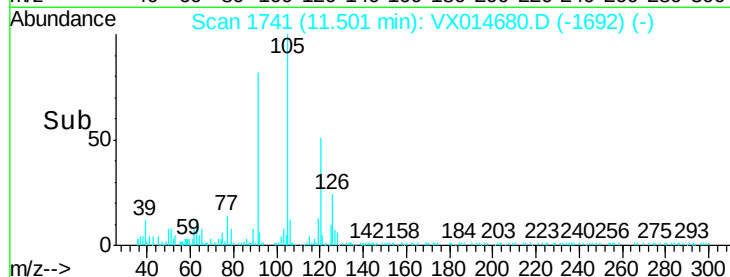
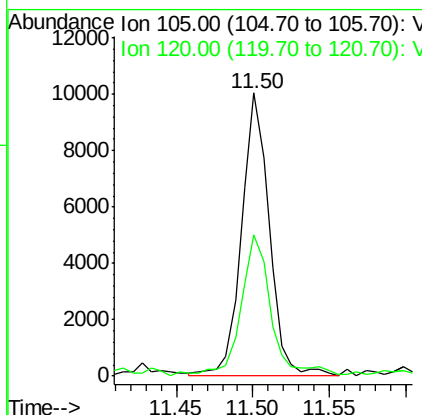
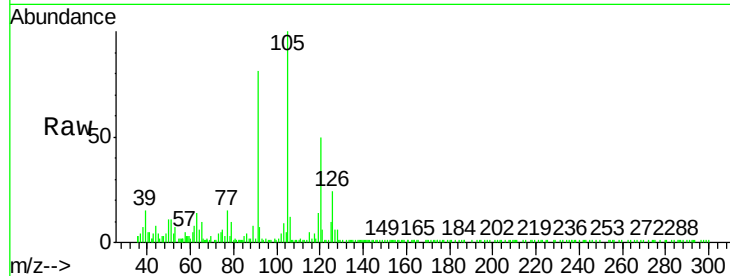
#80
 1,3,5-Trimethylbenzene
 Concen: 0.807 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX014680.D
 Acq: 22 Jan 2020 10:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
105	100		
120	55.2	24.9	74.6

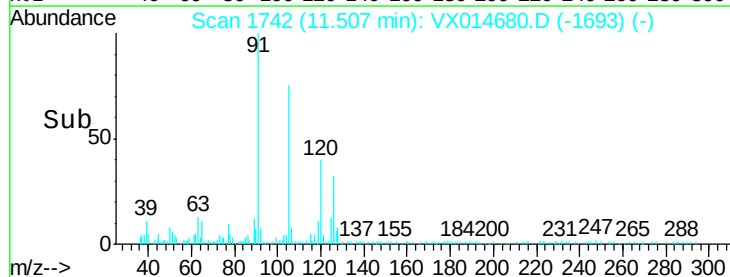
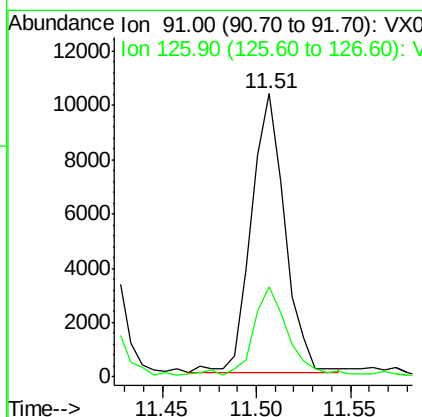
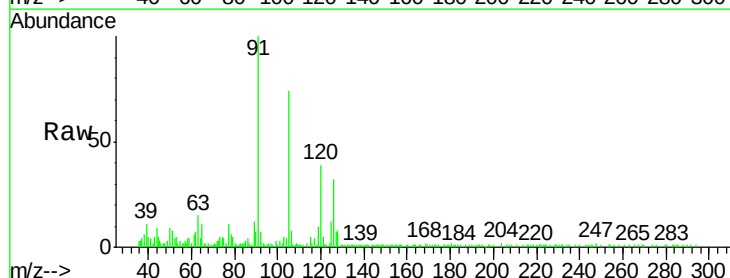
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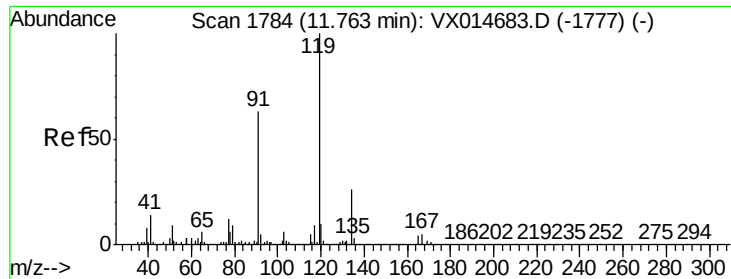
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#82
 4-Chlorotoluene
 Concen: 0.838 ug/l
 RT: 11.51 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VX014680.D
 Acq: 22 Jan 2020 10:18

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.9	15.4	46.4





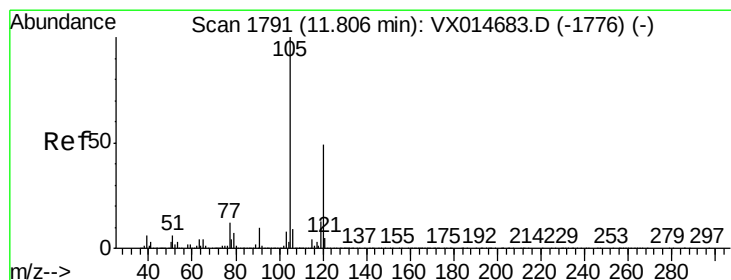
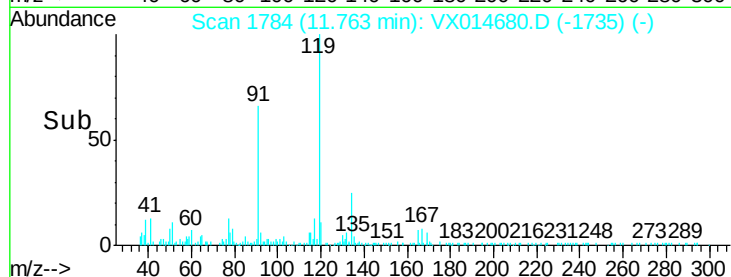
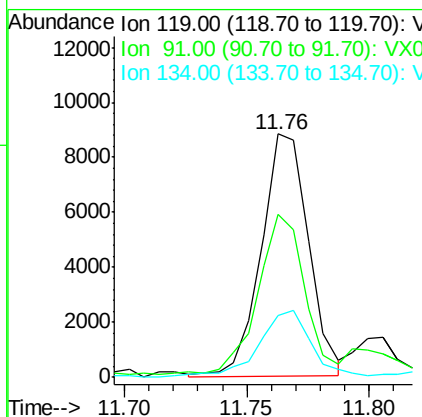
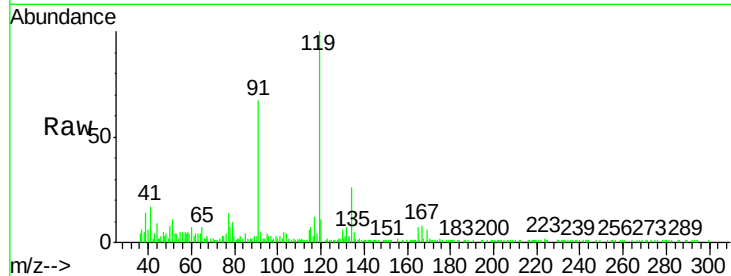
#83
tert-Butylbenzene
Concen: 0.806 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX014680.D
Acq: 22 Jan 2020 10:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.8	30.0	90.0
134	30.8	12.7	38.0

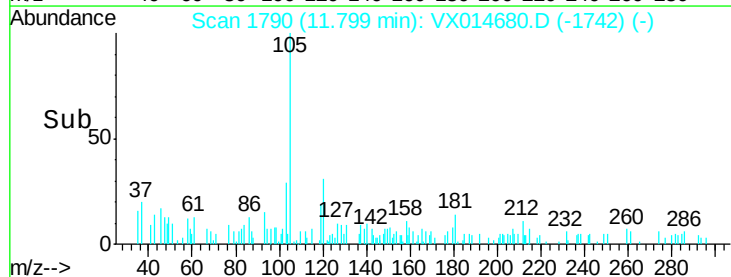
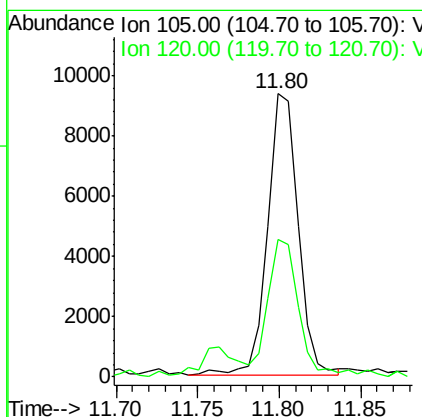
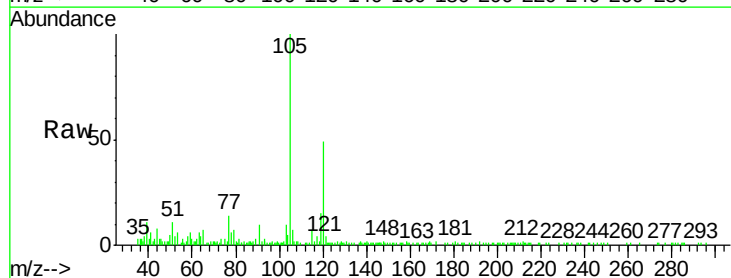
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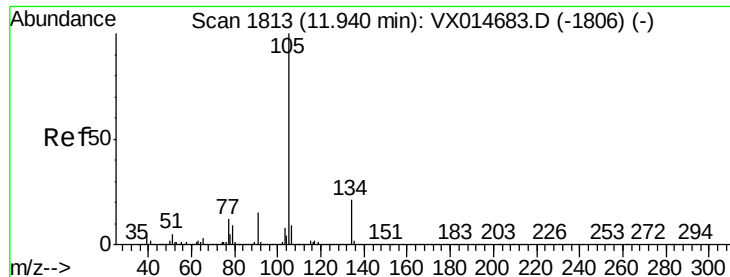
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#84
1,2,4-Trimethylbenzene
Concen: 0.771 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX014680.D
Acq: 22 Jan 2020 10:18

Tgt Ion	Ratio	Lower	Upper
105	100		
120	50.4	23.4	70.0





#85

sec-Butylbenzene

Concen: 0.785 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX014680.D

Acq: 22 Jan 2020 10:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001

Tot Ion:105 Resp: 14381

Ion Ratio Lower Upper

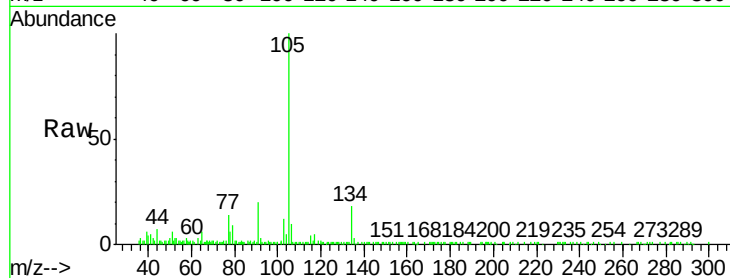
105 100

134 21.4 10.3 30.8

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

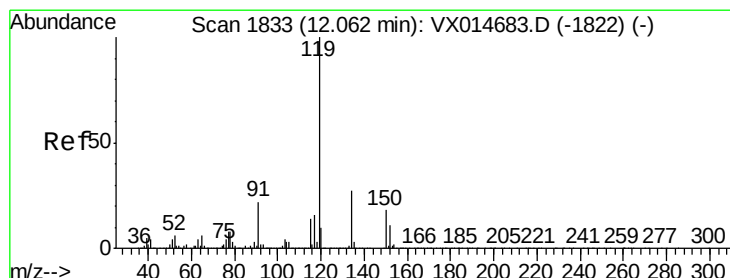
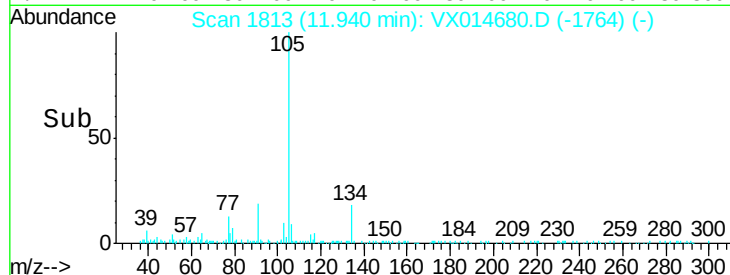
11.94

10000

5000

0

Time-->



#86

p-Isopropyltoluene

Concen: 0.777 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX014680.D

Acq: 22 Jan 2020 10:18

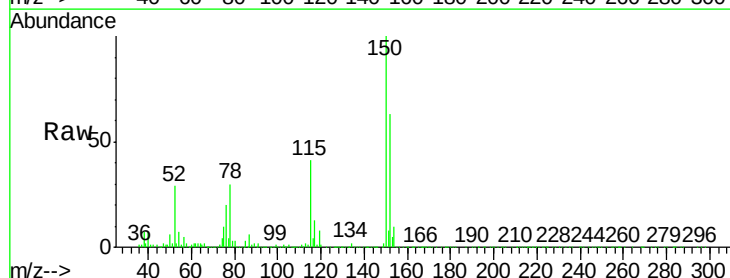
Tgt Ion:119 Resp: 13185

Ion Ratio Lower Upper

119 100

134 22.0 13.5 40.4

91 26.2 11.3 33.8



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

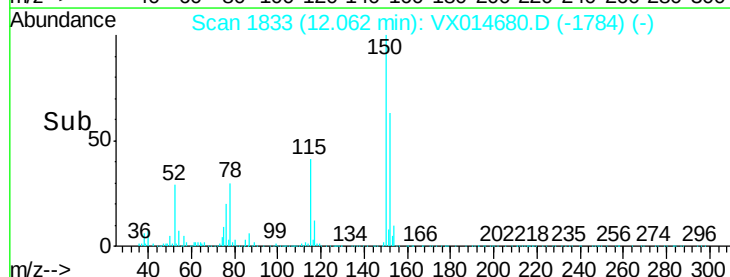
12.06

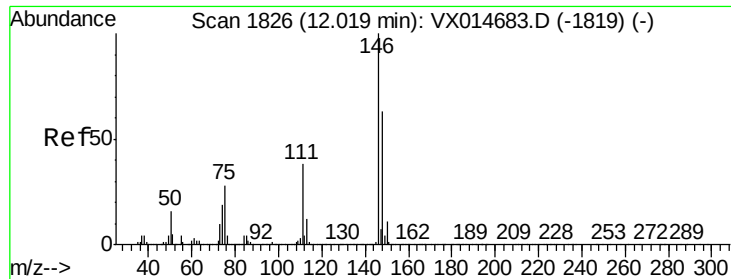
10000

5000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 0.975 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VX014680.D

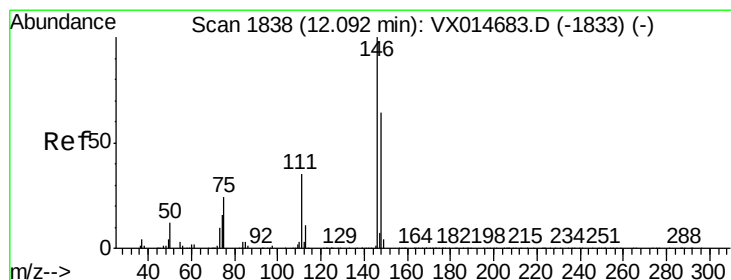
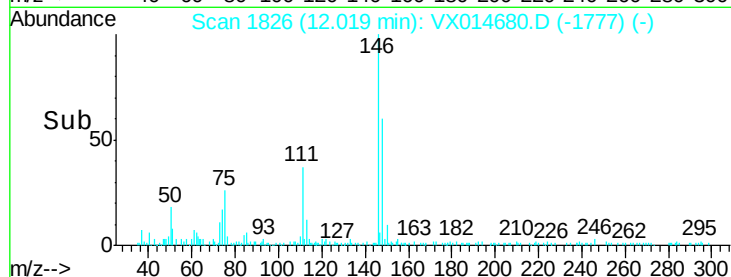
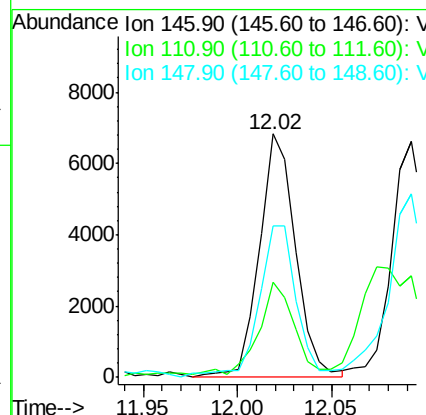
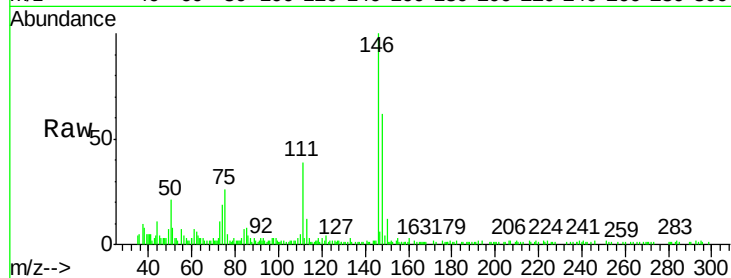
Acq: 22 Jan 2020 10:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.0	57.0
148	64.4	31.6	95.0

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#88

1,4-Dichlorobenzene

Concen: 0.946 ug/l m

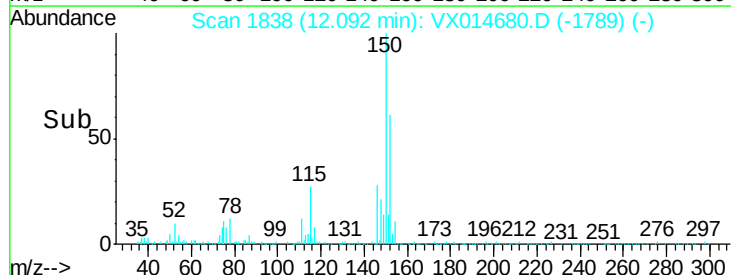
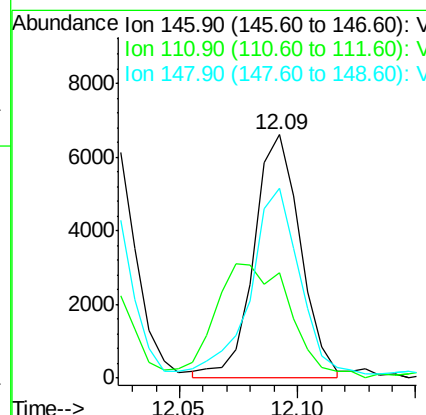
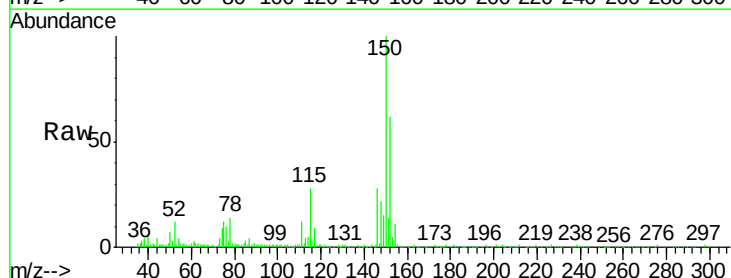
RT: 12.09 min Scan# 1838

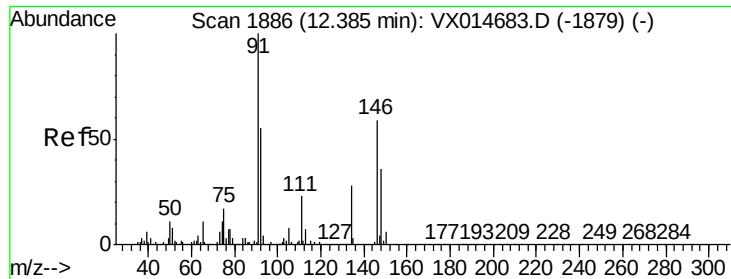
Delta R.T. -0.00 min

Lab File: VX014680.D

Acq: 22 Jan 2020 10:18

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.6	55.8
148	65.0	32.0	96.2





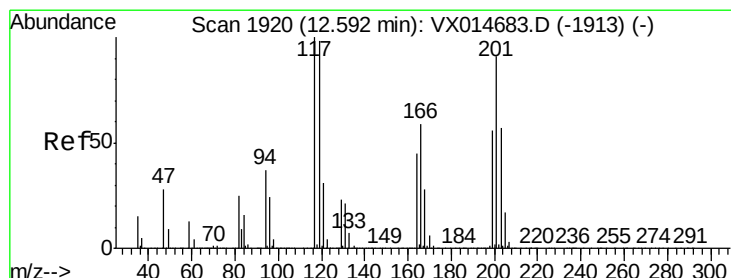
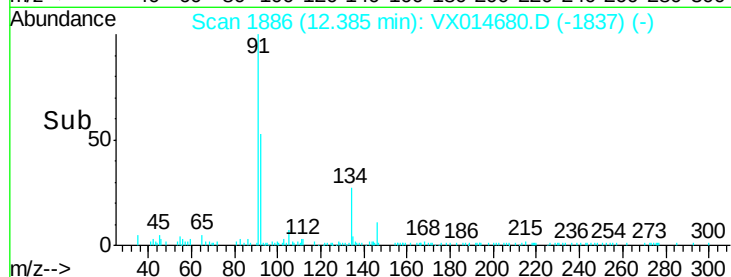
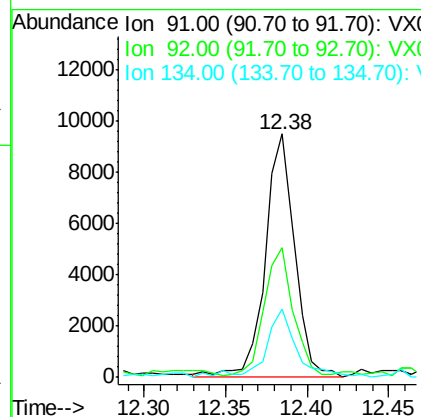
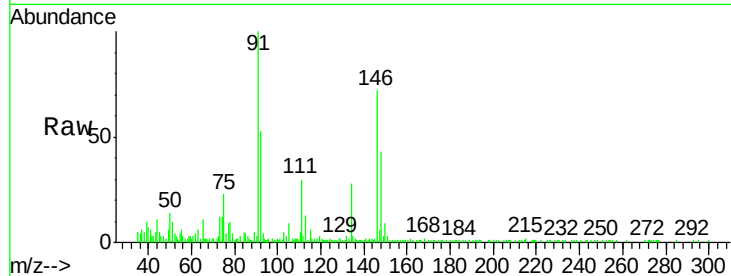
#89
n-Butylbenzene
Concen: 0.775 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX014680.D
Acq: 22 Jan 2020 10:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.0	27.6	82.7
134	27.4	13.3	39.8

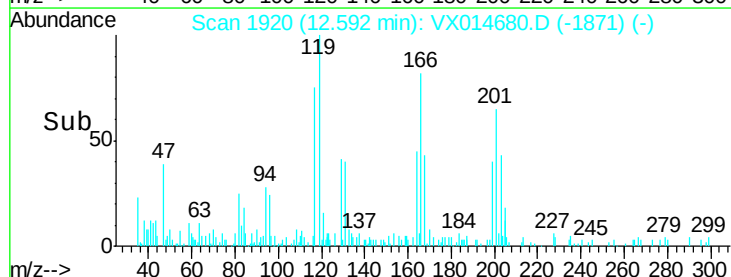
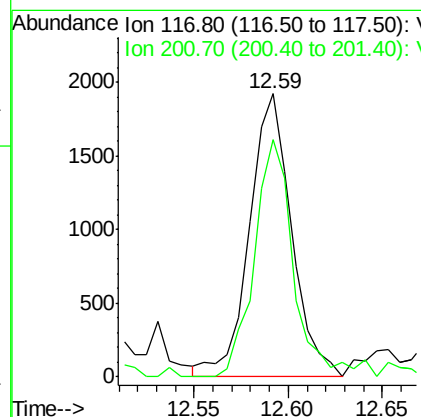
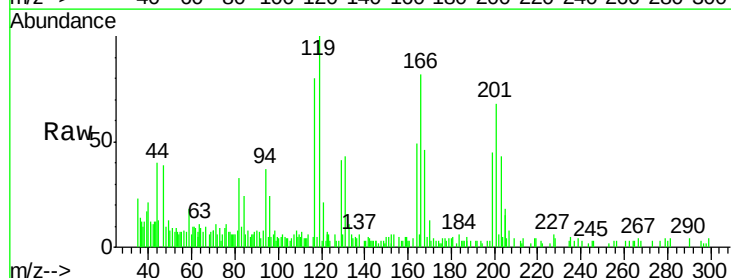
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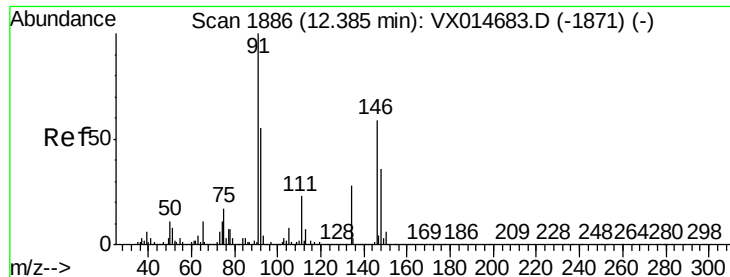
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#90
Hexachloroethane
Concen: 1.003 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX014680.D
Acq: 22 Jan 2020 10:18

Tgt Ion	Ratio	Lower	Upper
117	100		
201	78.5	44.4	133.1





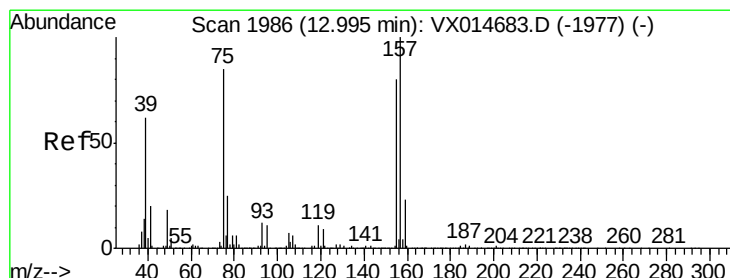
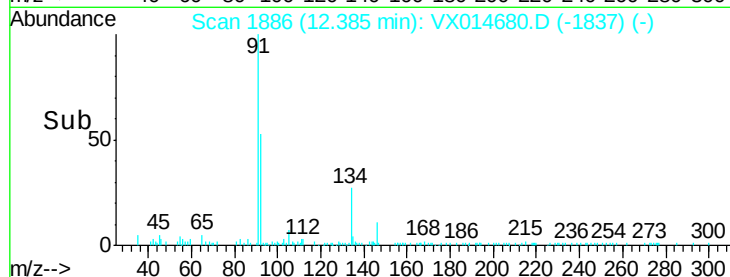
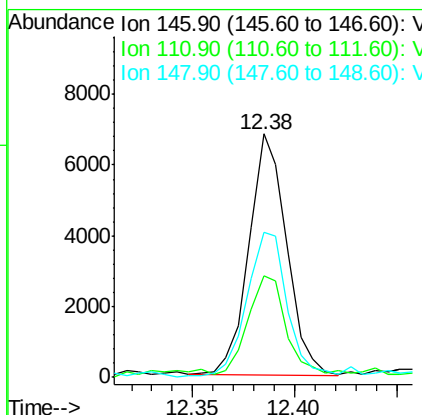
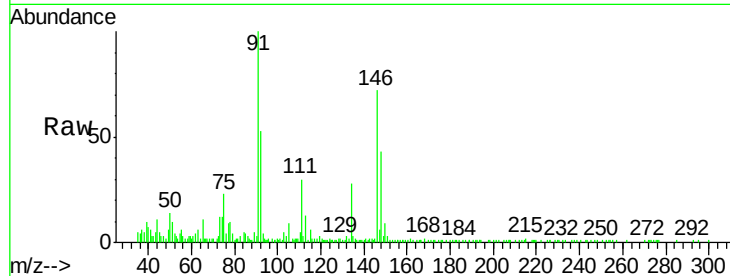
#91
 1,2-Dichlorobenzene
 Concen: 0.964 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX014680.D
 Acq: 22 Jan 2020 10:18

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.2	19.6	58.8
148	65.1	31.9	95.9

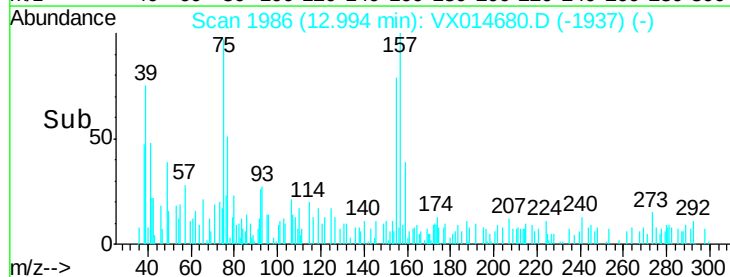
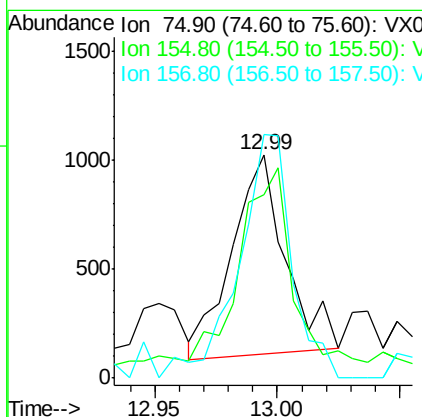
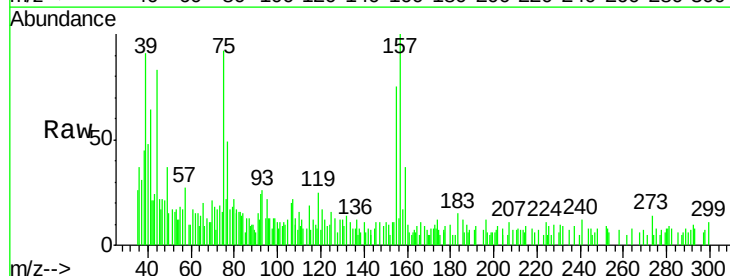
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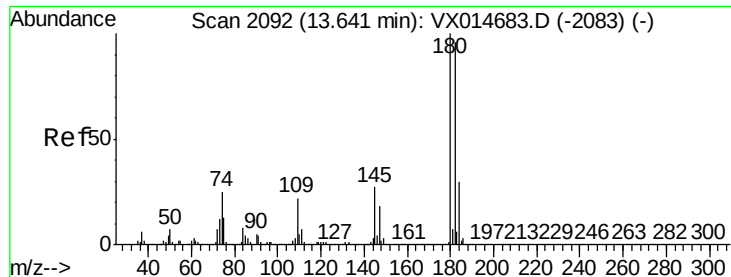
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.037 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX014680.D
 Acq: 22 Jan 2020 10:18

Tgt Ion	Ratio	Lower	Upper
75	100		
155	125.9	45.6	136.9
157	116.7	60.3	180.9





#93

1,2,4-Trichlorobenzene

Concen: 0.721 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. -0.00 min

Lab File: VX014680.D

Acq: 22 Jan 2020 10:18

Instrument :

MSVOA_X

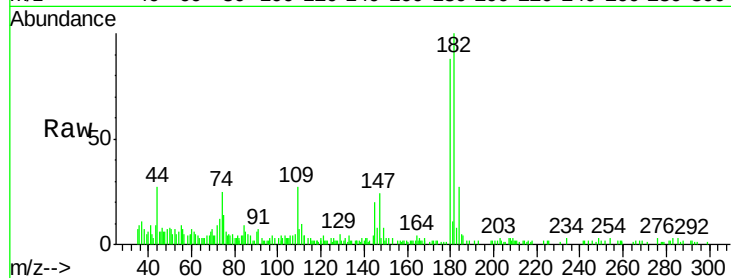
ClientSampleId :

VSTDIC001

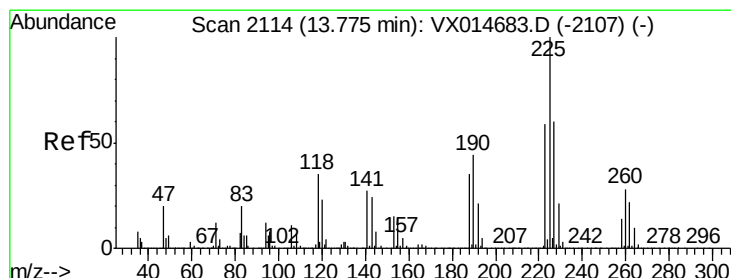
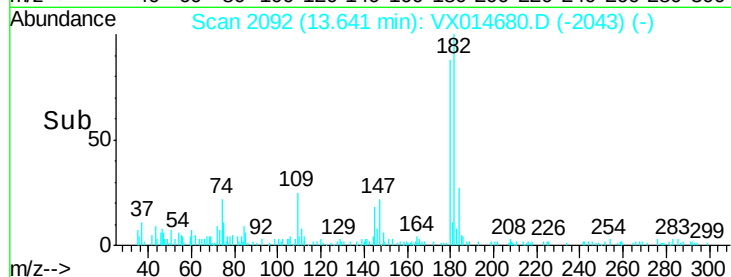
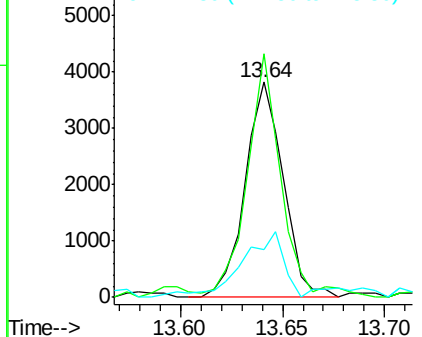
Tot Ion:	180	Resp:	4973
Ion Ratio	Lower	Upper	
180	100		
182	100.9	48.5	145.6
145	35.5	14.0	41.9

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Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 0.899 ug/l

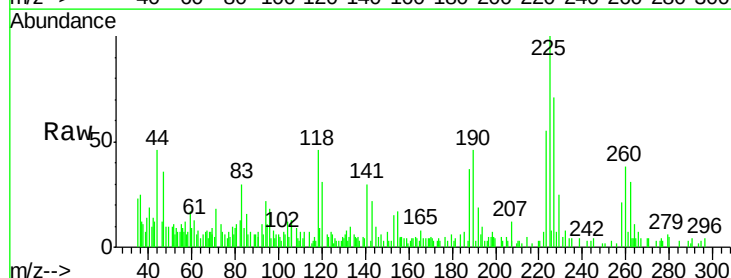
RT: 13.77 min Scan# 2114

Delta R.T. -0.00 min

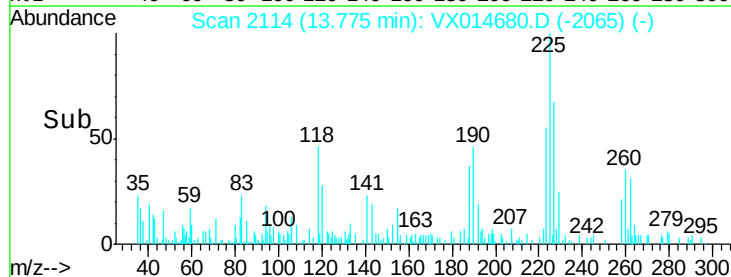
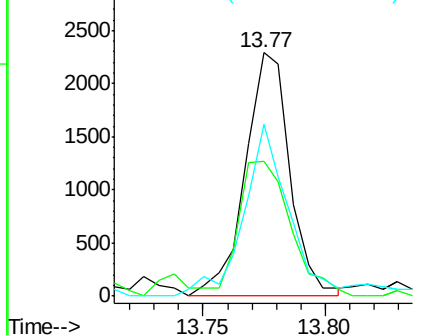
Lab File: VX014680.D

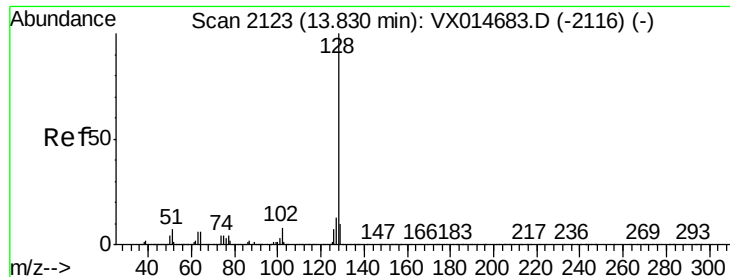
Acq: 22 Jan 2020 10:18

Tgt Ion:	225	Resp:	2916
Ion Ratio	Lower	Upper	
225	100		
223	65.5	30.6	91.8
227	75.4	31.4	94.0



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V





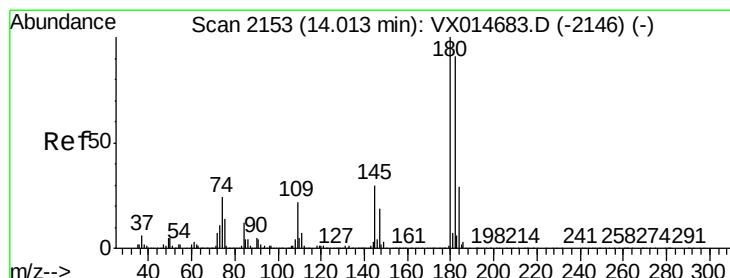
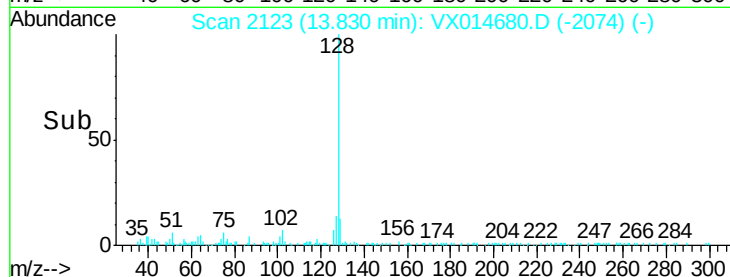
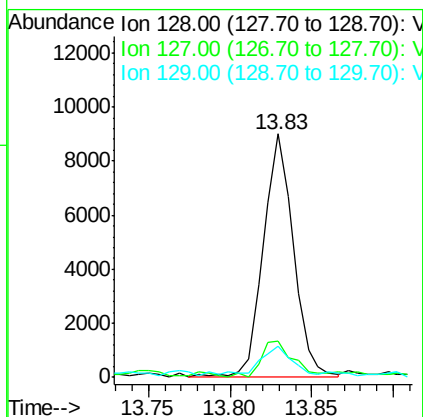
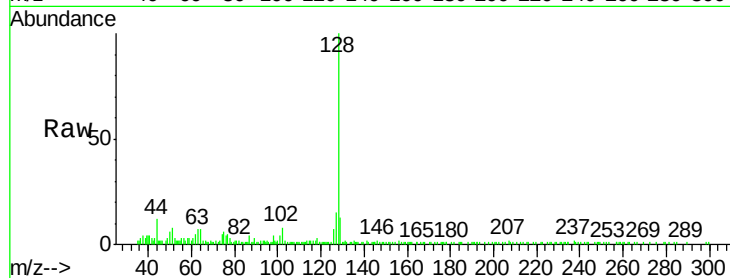
#95
Naphthalene
Concen: 0.591 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX014680.D
Acq: 22 Jan 2020 10:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
128	100		
127	16.3	10.3	15.5#
129	12.7	8.6	12.8

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#96
1,2,3-Trichlorobenzene
Concen: 0.741 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX014680.D
Acq: 22 Jan 2020 10:18

Tgt Ion	Ratio	Lower	Upper
180	100		
182	110.0	46.6	139.7
145	40.5	14.7	44.1

