

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX021820\
 Data File : VX014950.D
 Acq On : 18 Feb 2020 11:38
 Operator : JC/SP
 Sample : VX0218WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0218WBSD01

Manual Integrations
 APPROVED

MMDadoda
 2/19/2020 12:14:51 PM

Quant Time: Feb 19 00:27:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	457495	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	670351	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	615433	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	324308	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	254452	49.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.56%	
35) Dibromofluoromethane	5.49	113	205869	49.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.90%	
50) Toluene-d8	8.71	98	780434	49.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.22%	
62) 4-Bromofluorobenzene	11.13	95	280451	49.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.98%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.19	85	81488	18.808	ug/l	99
3) Chloromethane	1.32	50	91231	18.573	ug/l	100
4) Vinyl Chloride	1.41	62	95262	18.003	ug/l	98
5) Bromomethane	1.64	94	64316	18.778	ug/l	99
6) Chloroethane	1.72	64	61117	18.051	ug/l	96
7) Trichlorofluoromethane	1.93	101	136050	18.402	ug/l	98
8) Diethyl Ether	2.18	74	58063	18.939	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	81140	18.908	ug/l	98
10) Methyl Iodide	2.51	142	89436	21.430	ug/l	99
11) Tert butyl alcohol	3.02	59	96880	106.271	ug/l	97
12) 1,1-Dichloroethene	2.37	96	75641	18.038	ug/l	99
13) Acrolein	2.28	56	48520	69.832	ug/l	100
14) Allyl chloride	2.72	41	132575	17.832	ug/l	99
15) Acrylonitrile	3.13	53	230129	99.577	ug/l	99
16) Acetone	2.43	43	243115	80.235	ug/l	99
17) Carbon Disulfide	2.57	76	196335	16.757	ug/l	98
18) Methyl Acetate	2.76	43	111115	21.368	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	264792	19.402	ug/l	98
20) Methylene Chloride	2.85	84	88492	17.817	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	83235	17.989	ug/l	99
22) Diisopropyl ether	3.84	45	275958	19.434	ug/l	97
23) Vinyl Acetate	3.80	43	1165763	99.590	ug/l	100
24) 1,1-Dichloroethane	3.69	63	149776	18.689	ug/l	99
25) 2-Butanone	4.65	43	336332	95.682	ug/l	99
26) 2,2-Dichloropropane	4.57	77	122358	17.716	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	95042	18.375	ug/l	99
28) Bromochloromethane	5.00	49	63736	20.518	ug/l	99
29) Tetrahydrofuran	5.11	42	202389	101.285	ug/l	100
30) Chloroform	5.20	83	151477	19.051	ug/l	98
31) Cyclohexane	5.57	56	129763	17.778	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	128577	18.486	ug/l	98
36) 1,1-Dichloropropene	5.79	75	111233	18.550	ug/l	98
37) Ethyl Acetate	4.82	43	125063	19.996	ug/l	99
38) Carbon Tetrachloride	5.78	117	110043	18.831	ug/l	99

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Instrument :
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Manual Integrations
 APPROVED

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Quant Time: Feb 19 00:27:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	137724	18.364	ug/l	99
40) Benzene	6.13	78	340514	19.006	ug/l	100
41) Methacrylonitrile	5.03	41	69656	20.674	ug/l	98
42) 1,2-Dichloroethane	6.18	62	126520	19.538	ug/l	99
43) Isopropyl Acetate	6.43	43	205282	19.897	ug/l	99
44) Trichloroethene	7.20	130	97534	18.752	ug/l	100
45) 1,2-Dichloropropane	7.51	63	87970	19.253	ug/l	98
46) Dibromomethane	7.65	93	59223	18.961	ug/l	98
47) Bromodichloromethane	7.89	83	117750	19.014	ug/l	100
48) Methyl methacrylate	7.76	41	101727	20.035	ug/l	100
49) 1,4-Dioxane	7.73	88	42743	450.248	ug/l	100
51) 4-Methyl-2-Pentanone	8.63	43	639356	102.629	ug/l	100
52) Toluene	8.78	92	216809	19.053	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	130768	19.267	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	141513	18.874	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	89367	19.411	ug/l	99
56) Ethyl methacrylate	9.17	69	136957	19.791	ug/l	98
57) 1,3-Dichloropropane	9.36	76	152219	19.641	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	338133	93.431	ug/l	100
59) 2-Hexanone	9.48	43	492104	100.498	ug/l	100
60) Dibromochloromethane	9.57	129	96156	19.408	ug/l	98
61) 1,2-Dibromoethane	9.67	107	95989	19.323	ug/l	99
64) Tetrachloroethene	9.33	164	98966	17.199	ug/l	98
65) Chlorobenzene	10.14	112	235258	18.847	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	90835	20.044	ug/l	97
67) Ethyl Benzene	10.25	91	410314	19.328	ug/l	99
68) m/p-Xylenes	10.35	106	314270	38.428	ug/l	99
69) o-Xylene	10.70	106	150505	19.145	ug/l	99
70) Styrene	10.71	104	256493	19.286	ug/l	99
71) Bromoform	10.85	173	74091	19.587	ug/l #	97
73) Isopropylbenzene	11.01	105	405267	19.927	ug/l	100
74) N-amyl acetate	10.89	43	169185	20.021	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	132987	20.003	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	132402m	22.577	ug/l	
77) Bromobenzene	11.25	156	110732	19.507	ug/l	97
78) n-propylbenzene	11.35	91	464697	19.755	ug/l	100
79) 2-Chlorotoluene	11.42	91	273539	19.780	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	338852	19.940	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	42876	18.714	ug/l	93
82) 4-Chlorotoluene	11.51	91	317871	19.410	ug/l	99
83) tert-Butylbenzene	11.76	119	326319	20.278	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	342158	19.980	ug/l	99
85) sec-Butylbenzene	11.94	105	400722	20.045	ug/l	99
86) p-Isopropyltoluene	12.06	119	373045	19.941	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	194006	19.051	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	198024	19.042	ug/l	99
89) n-Butylbenzene	12.39	91	314325	18.761	ug/l	100
90) Hexachloroethane	12.59	117	63487	19.433	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	191147	19.140	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	29346	18.815	ug/l	98

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

Instrument :
MSVOA_X
ClientSampleId :
VX0218WBSD01

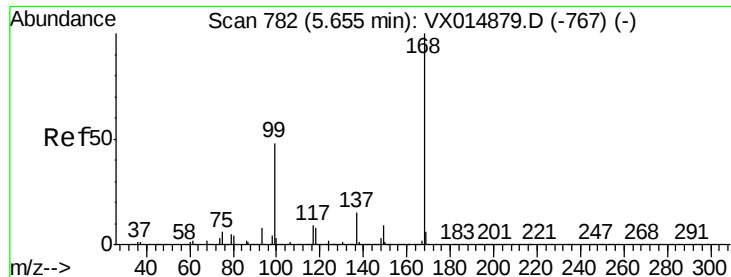
Manual Integrations
APPROVED

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2/19/2020 12:14:51 PM

Quant Time: Feb 19 00:27:24 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
Quant Title : SW846 8260
QLast Update : Mon Feb 10 12:09:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	138463	18.784	ug/l	98
94) Hexachlorobutadiene	13.78	225	69170	19.401	ug/l	98
95) Naphthalene	13.83	128	404721	20.650	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	141195	19.826	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.00 min

Lab File: VX014950.D

Acq: 18 Feb 2020 11:38

Instrument :

MSVOA_X

ClientSampleId :

VX0218WBSD01

Tot Ion:168 Resp: 457495

Ion Ratio Lower Upper

168 100

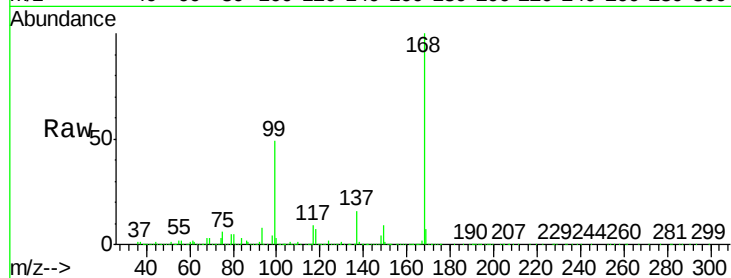
99 48.9 38.7 58.1

Manual Integrations

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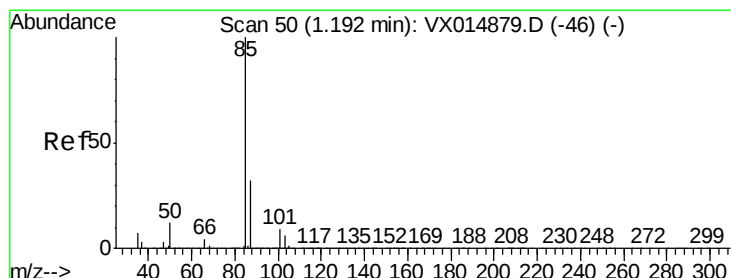
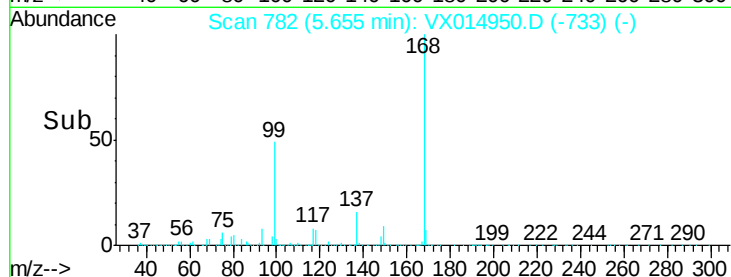
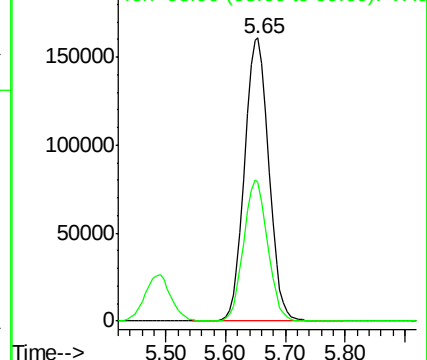
MMDadoda

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 18.808 ug/l

RT: 1.19 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX014950.D

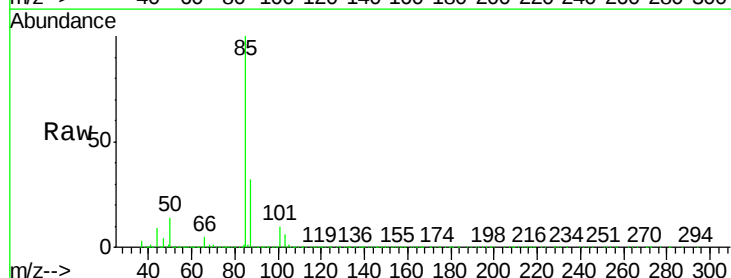
Acq: 18 Feb 2020 11:38

Tgt Ion: 85 Resp: 81488

Ion Ratio Lower Upper

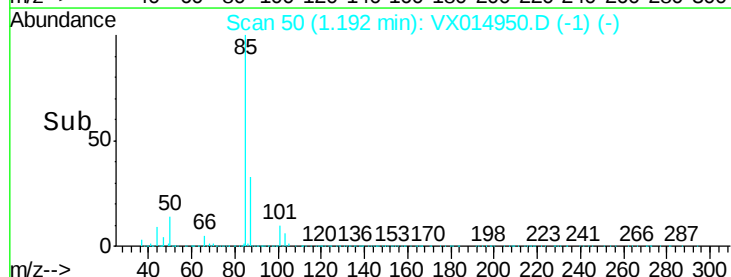
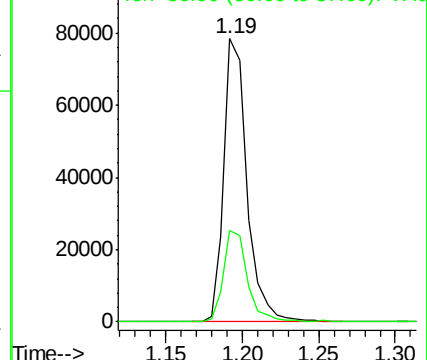
85 100

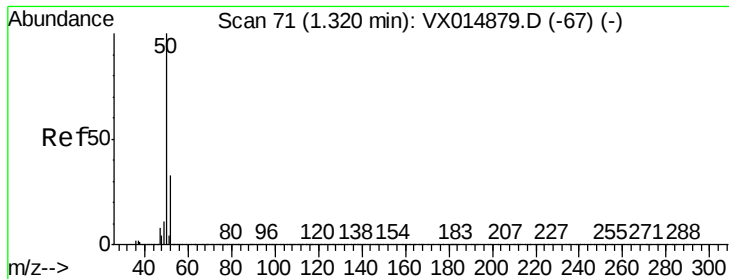
87 32.4 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 18.573 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX014950.D

Acq: 18 Feb 2020 11:38

Instrument :

MSVOA_X

ClientSampleId :

VX0218WBSD01

Tot Ion: 50 Resp: 91231

Ion Ratio Lower Upper

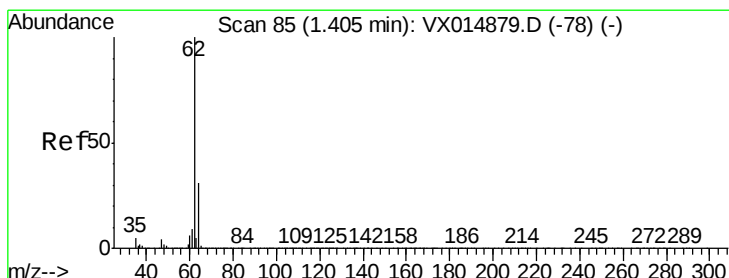
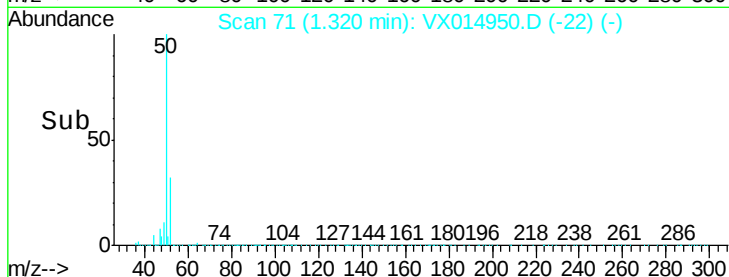
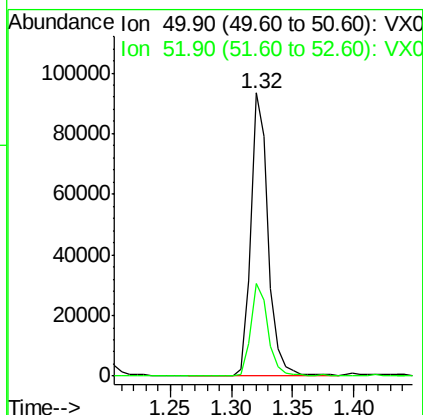
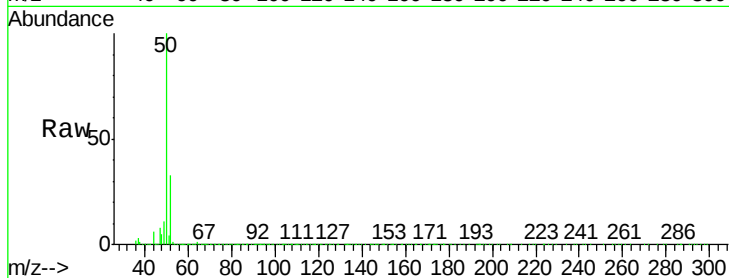
50 100

52 32.5 26.2 39.2

Manual Integrations
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#4

Vinyl Chloride

Concen: 18.003 ug/l

RT: 1.41 min Scan# 85

Delta R.T. -0.00 min

Lab File: VX014950.D

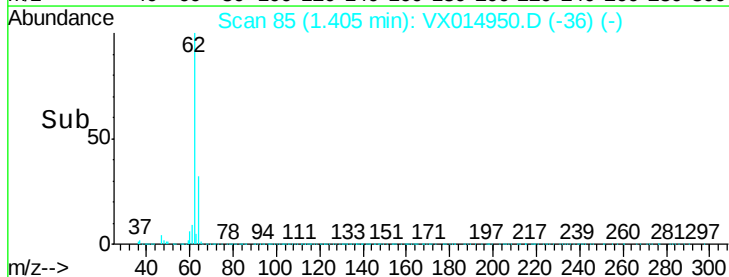
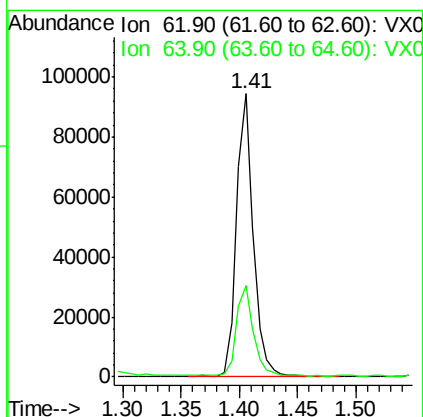
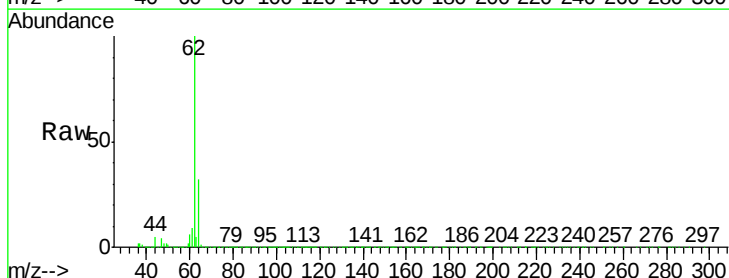
Acq: 18 Feb 2020 11:38

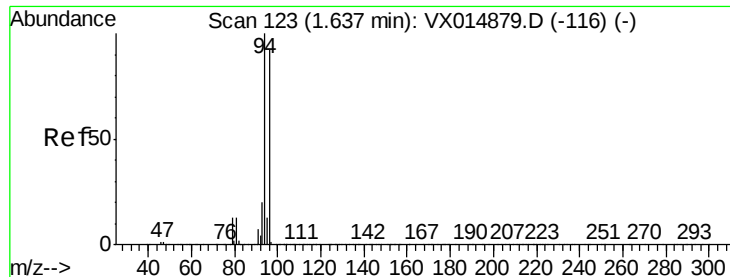
Tgt Ion: 62 Resp: 95262

Ion Ratio Lower Upper

62 100

64 31.9 24.8 37.2





#5

Bromomethane

Concen: 18.778 ug/l

RT: 1.64 min Scan# 124

Delta R.T. 0.01 min

Lab File: VX014950.D

Acq: 18 Feb 2020 11:38

Instrument :

MSVOA_X

ClientSampleId :

VX0218WBSD01

Tot Ion: 94 Resp: 64316

Ion Ratio Lower Upper

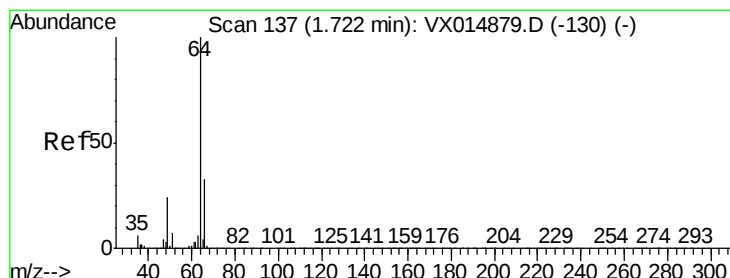
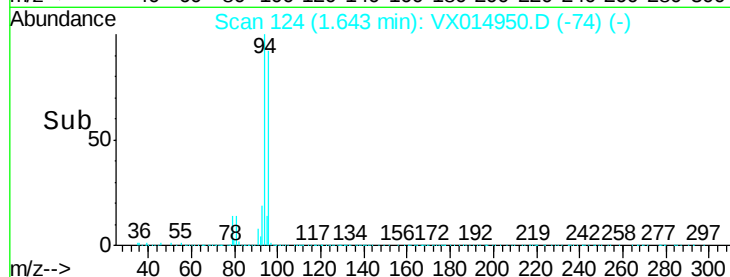
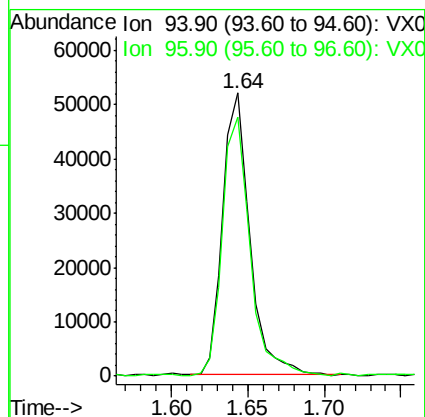
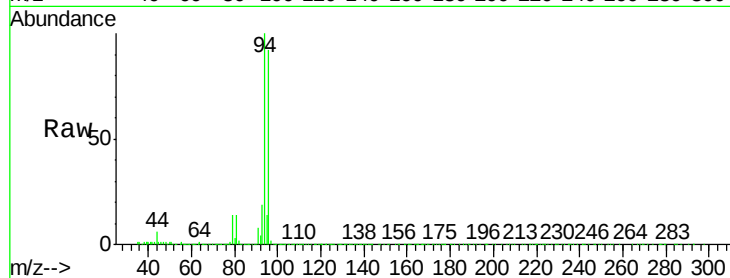
94 100

96 91.3 73.7 110.5

Manual Integrations
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#6

Chloroethane

Concen: 18.051 ug/l

RT: 1.72 min Scan# 137

Delta R.T. -0.00 min

Lab File: VX014950.D

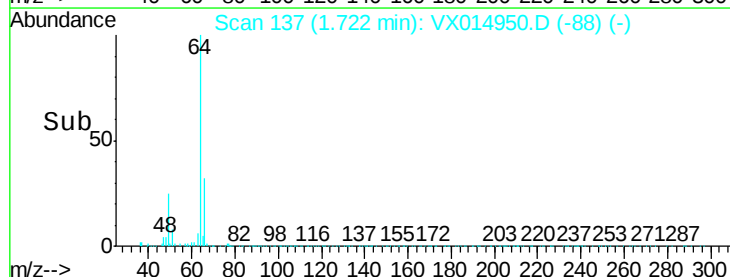
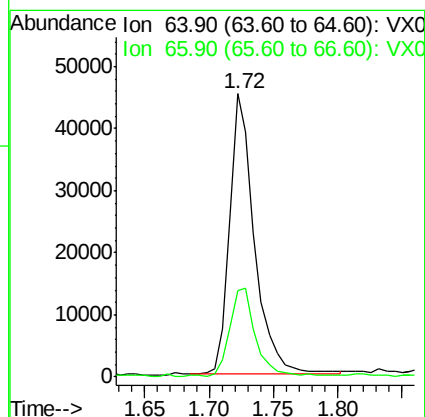
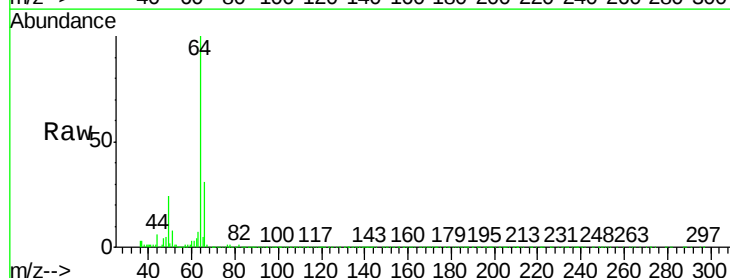
Acq: 18 Feb 2020 11:38

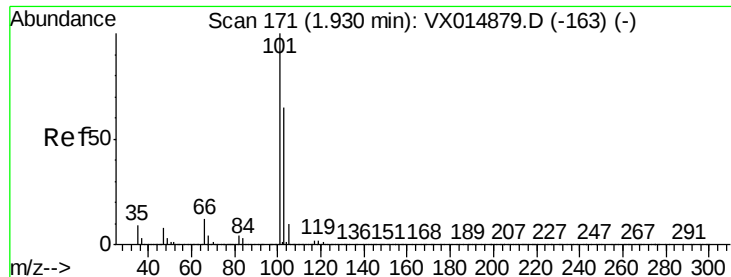
Tgt Ion: 64 Resp: 61117

Ion Ratio Lower Upper

64 100

66 30.3 26.2 39.4





#7

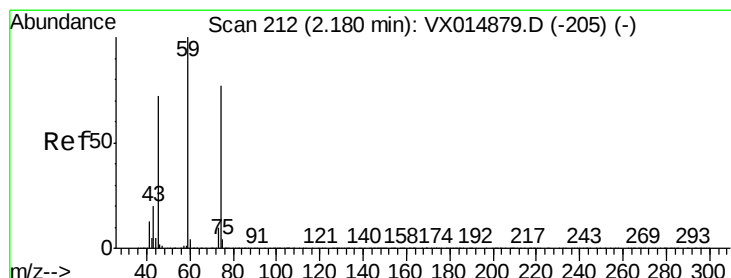
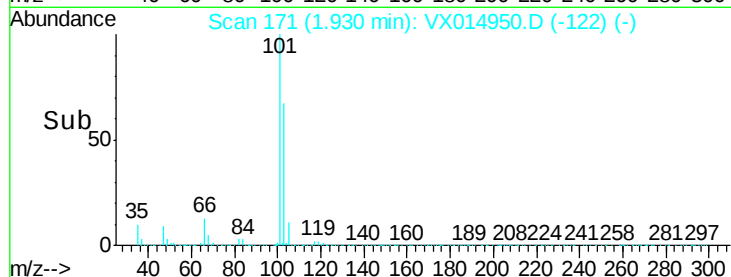
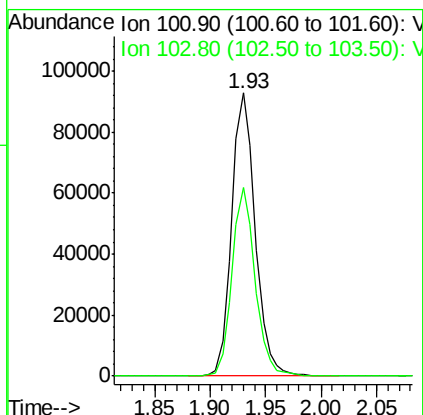
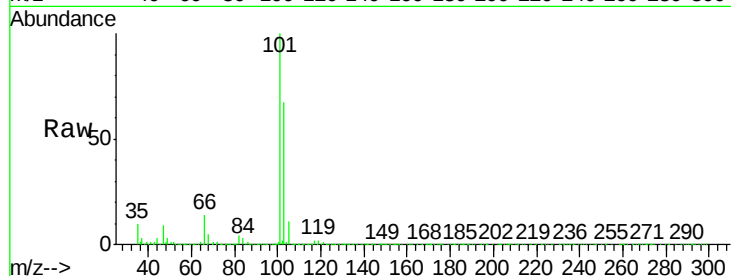
Trichlorofluoromethane
Concen: 18.402 ug/l
RT: 1.93 min Scan# 171
Delta R.T. -0.00 min
Lab File: VX014950.D
Acq: 18 Feb 2020 11:38

Instrument :
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ClientSampleId :
VX0218WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	136050		
103	66.6	52.2	78.4	

Manual Integrations
APPROVED

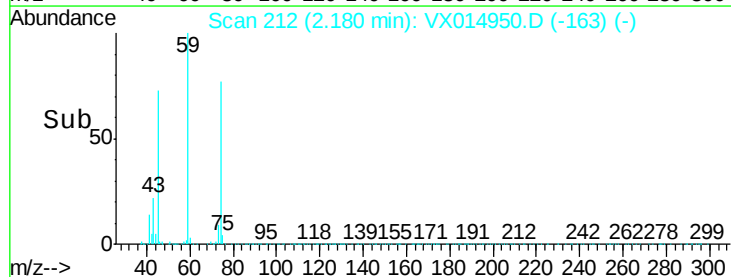
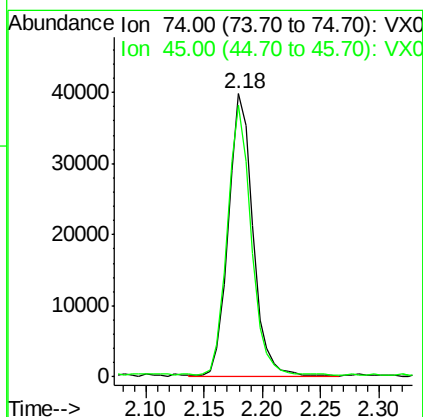
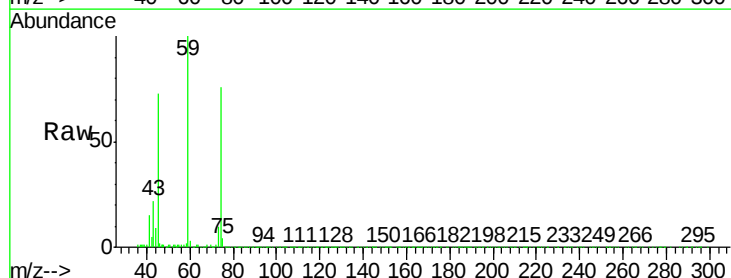
MMDadoda
2/19/2020 12:14:51 PM

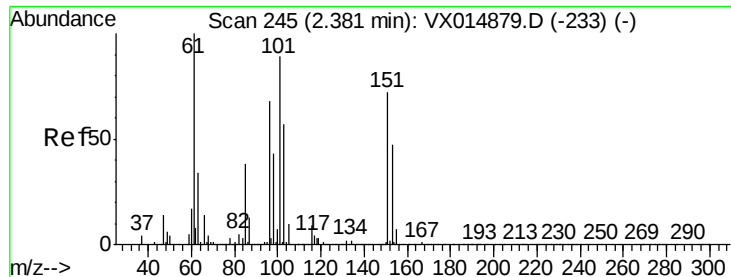


#8

Diethyl Ether
Concen: 18.939 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX014950.D
Acq: 18 Feb 2020 11:38

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	58063		
45	92.9	46.6	139.8	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.908 ug/l

RT: 2.38 min Scan# 245

Delta R.T. -0.00 min

Lab File: VX014950.D

Acq: 18 Feb 2020 11:38

Instrument :

MSVOA_X

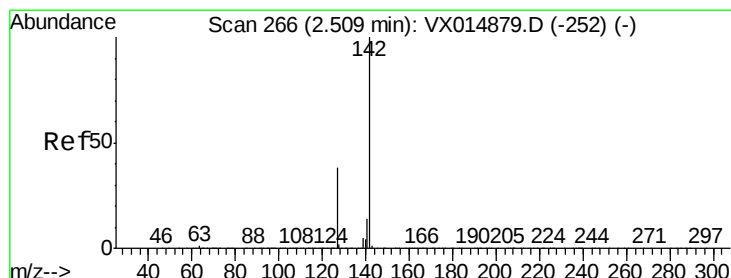
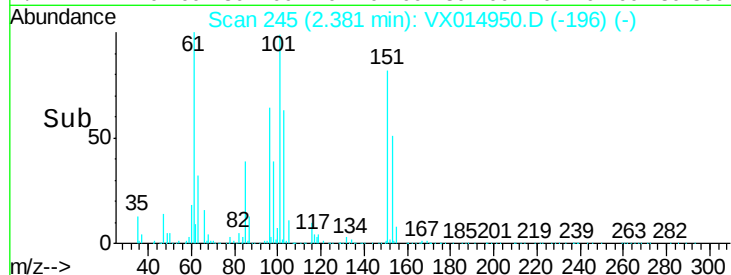
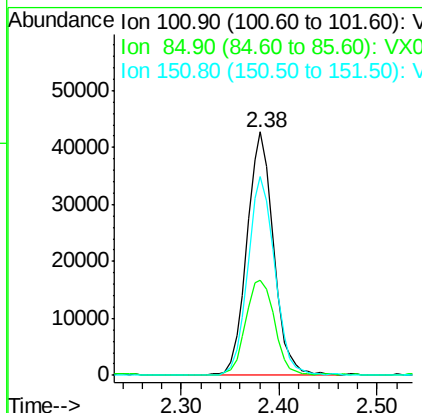
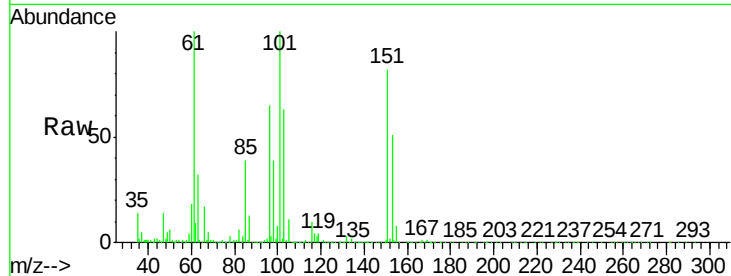
ClientSampleId :

VX0218WBSD01

Tot Ion:	101	Resp:	81140
Ion Ratio	Lower	Upper	
101	100		
85	42.0	34.1	51.1
151	82.4	67.3	100.9

Manual Integrations
APPROVED

MMDadoda
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#10

Methyl Iodide

Concen: 21.430 ug/l

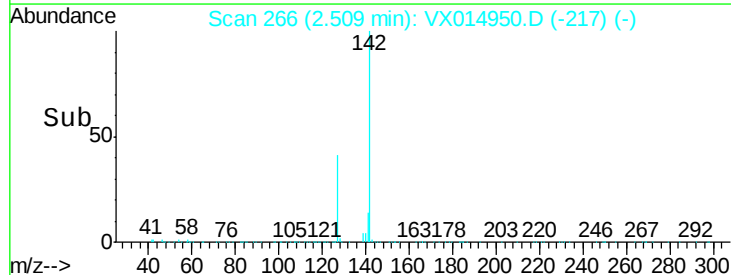
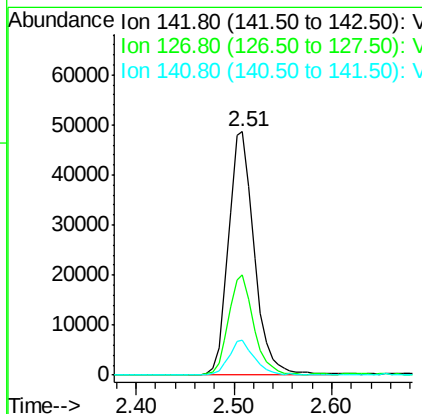
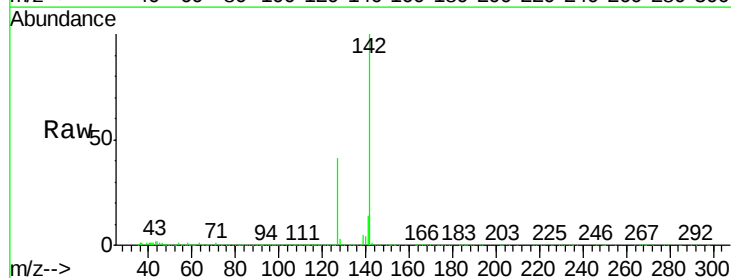
RT: 2.51 min Scan# 266

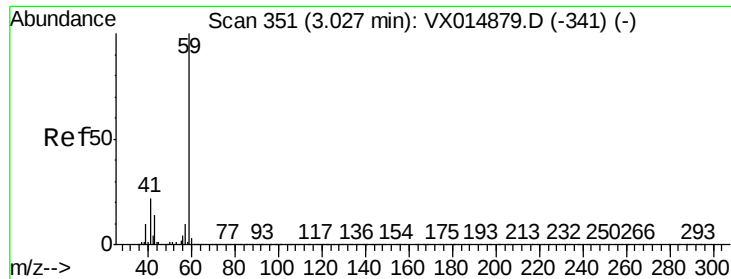
Delta R.T. 0.00 min

Lab File: VX014950.D

Acq: 18 Feb 2020 11:38

Tgt Ion:	142	Resp:	89436
Ion Ratio	Lower	Upper	
142	100		
127	39.5	31.1	46.7
141	13.9	11.3	16.9





#11

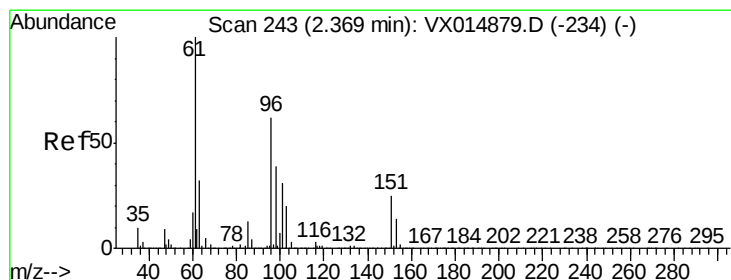
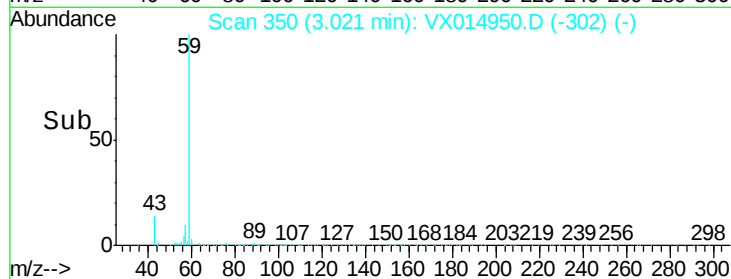
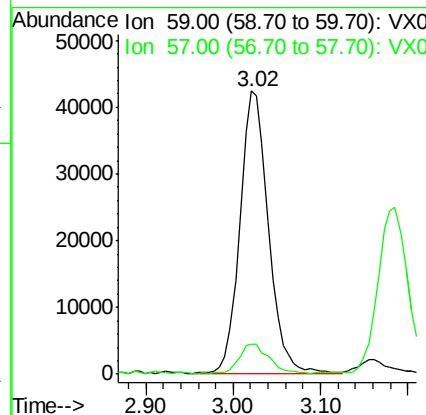
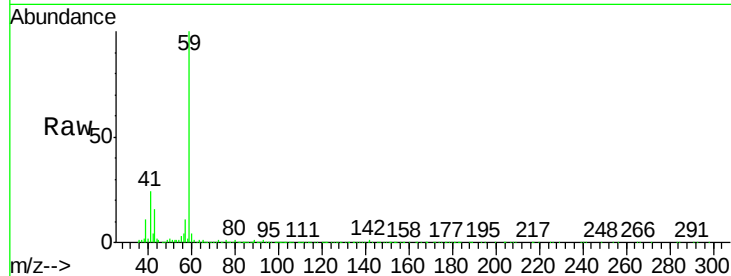
Tert butyl alcohol
 Concen: 106.271 ug/l
 RT: 3.02 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VX014950.D
 Acq: 18 Feb 2020 11:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0218WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.4	8.2	12.4

Manual Integrations
 APPROVED

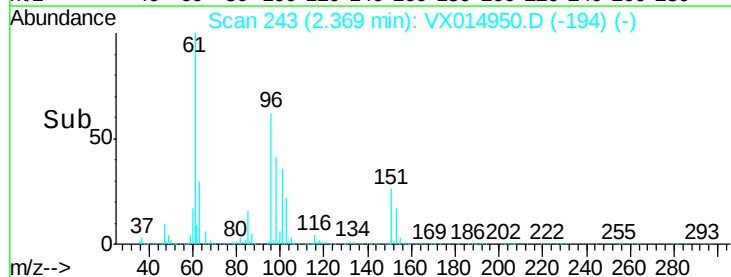
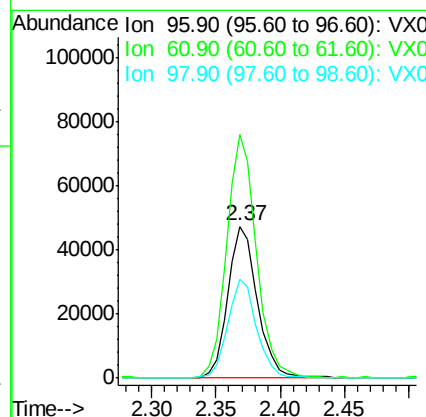
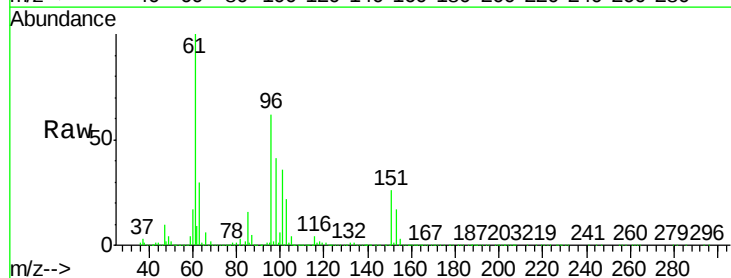
MMDadoda
 2/19/2020 12:14:51 PM

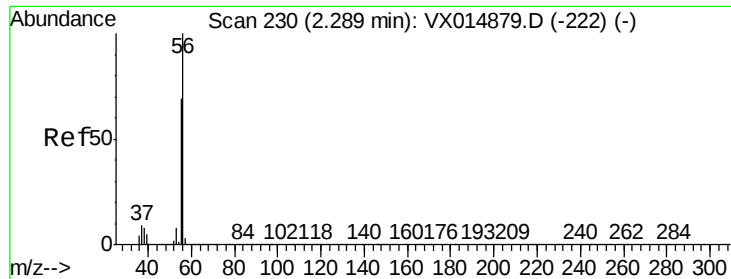


#12

1,1-Dichloroethene
 Concen: 18.038 ug/l
 RT: 2.37 min Scan# 243
 Delta R.T. -0.00 min
 Lab File: VX014950.D
 Acq: 18 Feb 2020 11:38

Tgt Ion	Ratio	Lower	Upper
96	100		
61	160.4	129.5	194.3
98	64.9	50.6	76.0





#13

Acrolein

Concen: 69.832 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.01 min

Lab File: VX014950.D

Acq: 18 Feb 2020 11:38

Instrument :

MSVOA_X

ClientSampled :

VX0218WBSD01

Tot Ion: 56 Resp: 48520

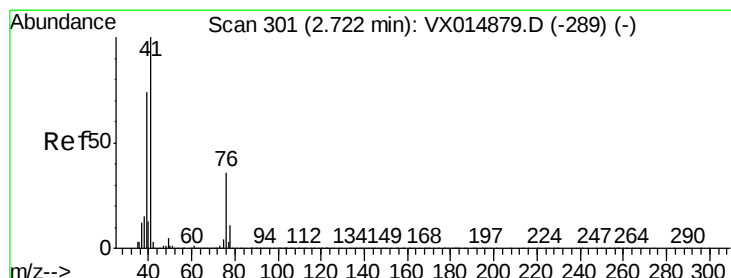
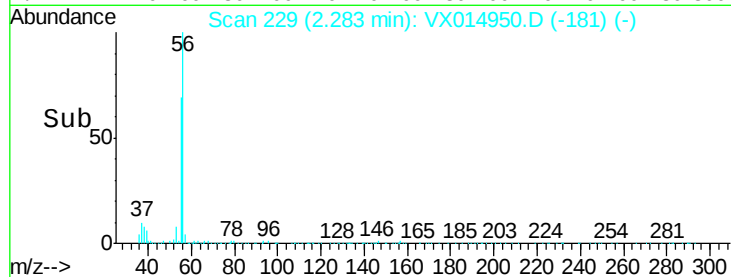
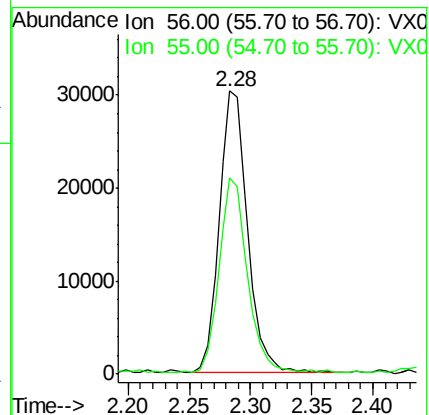
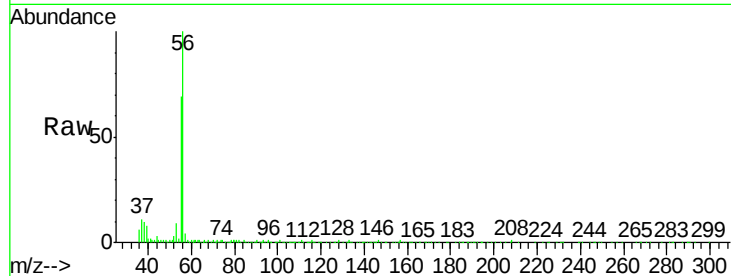
Ion Ratio Lower Upper

56 100

55 68.7 55.0 82.4

Manual Integrations
APPROVED

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2/19/2020 12:14:51 PM



#14

Allyl chloride

Concen: 17.832 ug/l

RT: 2.72 min Scan# 301

Delta R.T. -0.00 min

Lab File: VX014950.D

Acq: 18 Feb 2020 11:38

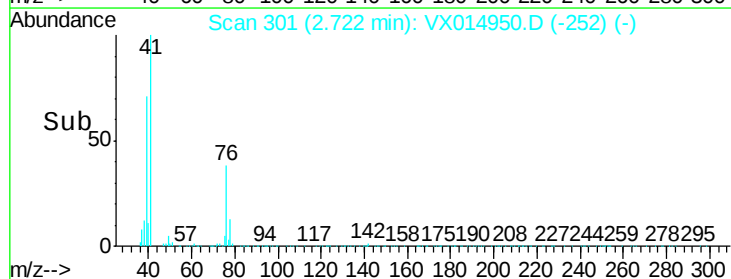
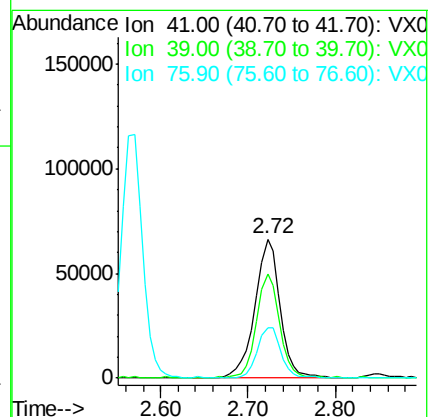
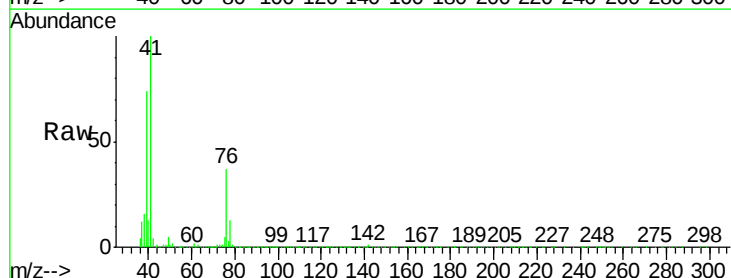
Tgt Ion: 41 Resp: 132575

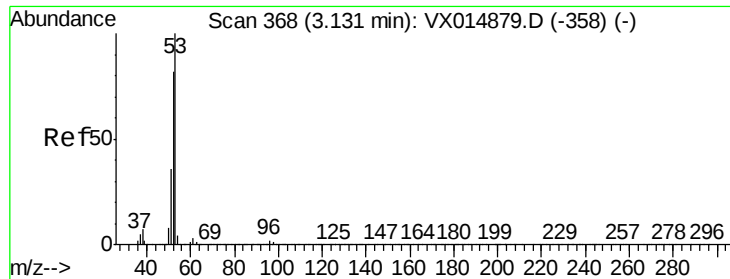
Ion Ratio Lower Upper

41 100

39 68.2 55.2 82.8

76 33.3 26.8 40.2





#15

Acrylonitrile

Concen: 99.577 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX014950.D

Acq: 18 Feb 2020 11:38

Instrument :

MSVOA_X

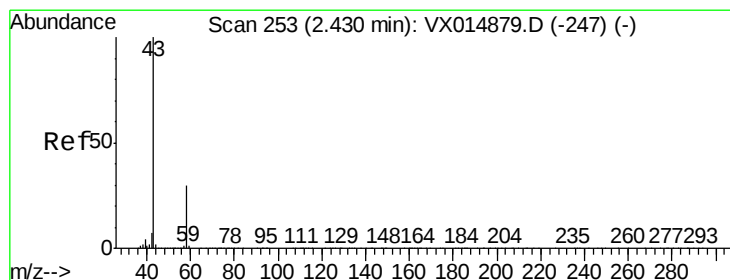
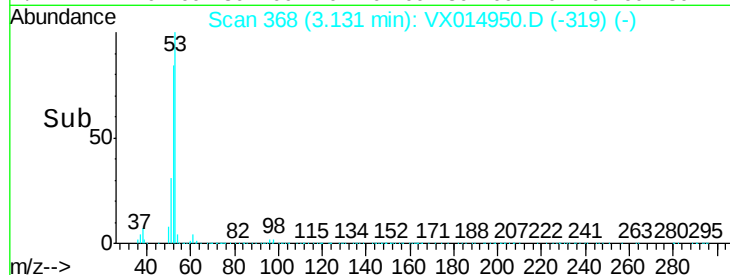
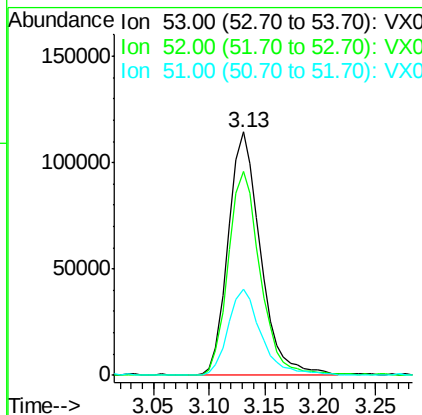
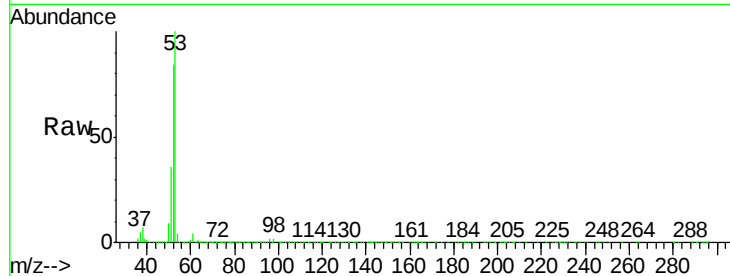
ClientSampleId :

VX0218WBSD01

Tot Ion	53	Resp	230129
Ion Ratio	Lower	Upper	
53	100		
52	82.9	65.8	98.6
51	36.7	29.1	43.7

Manual Integrations
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#16

Acetone

Concen: 80.235 ug/l

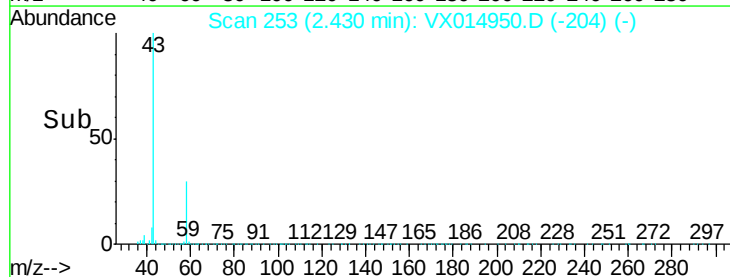
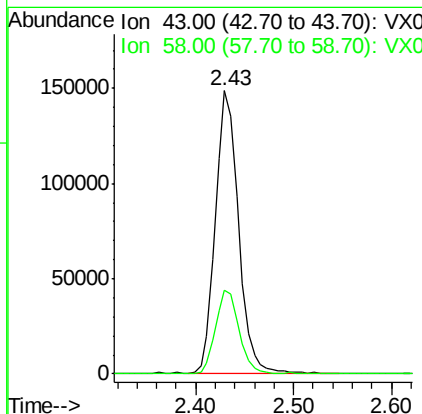
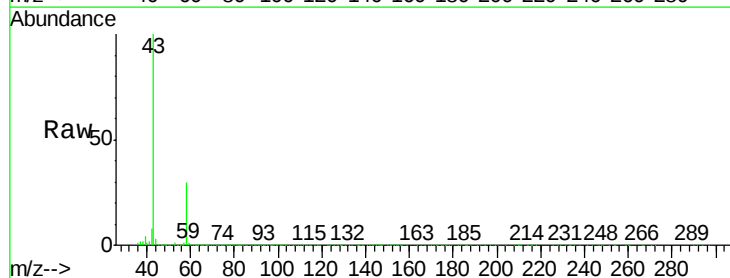
RT: 2.43 min Scan# 253

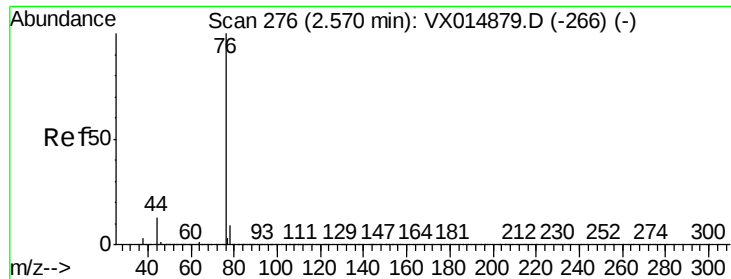
Delta R.T. 0.00 min

Lab File: VX014950.D

Acq: 18 Feb 2020 11:38

Tgt Ion	43	Resp	243115
Ion Ratio	Lower	Upper	
43	100		
58	29.6	24.1	36.1





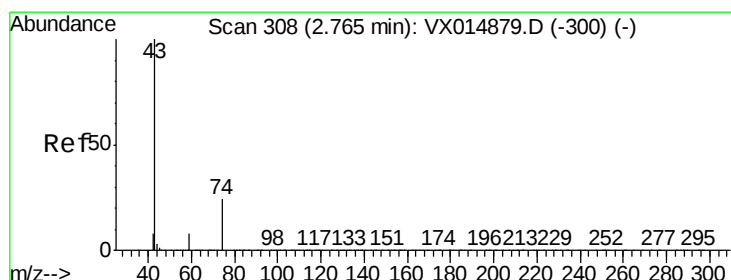
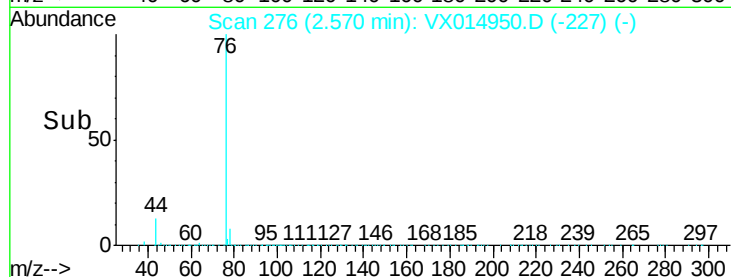
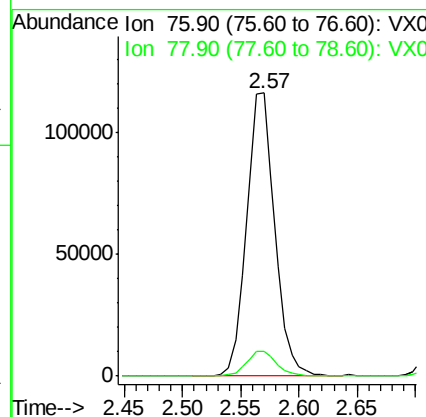
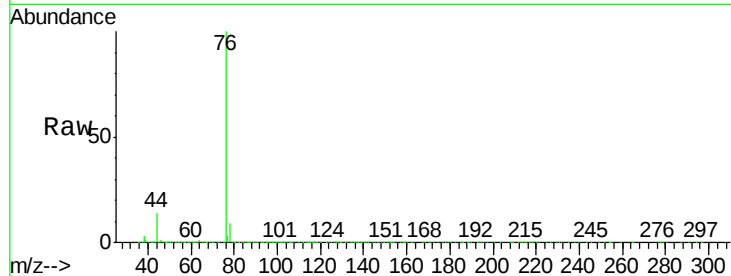
#17
Carbon Disulfide
Concen: 16.757 ug/l
RT: 2.57 min Scan# 276
Delta R.T. -0.00 min
Lab File: VX014950.D
Acq: 18 Feb 2020 11:38

Instrument :
MSVOA_X
ClientSampleId :
VX0218WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.5	7.4	11.0

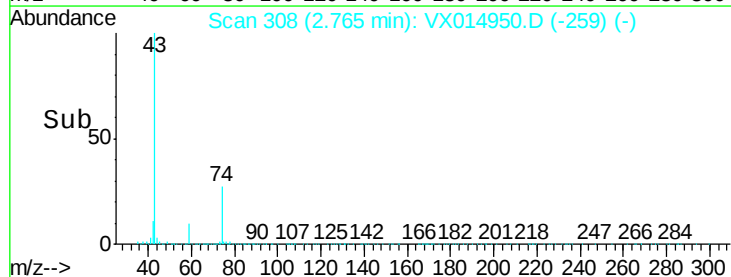
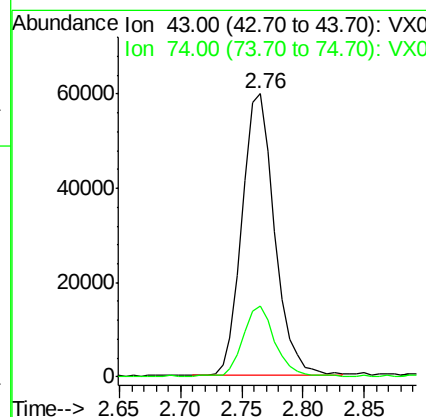
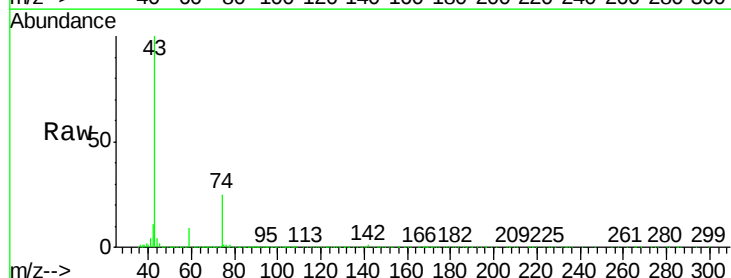
Manual Integrations
APPROVED

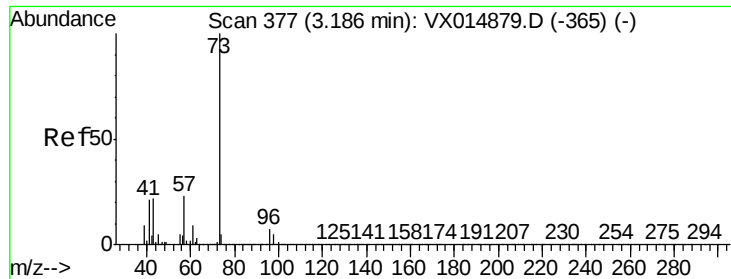
MMDadoda
2/19/2020 12:14:51 PM



#18
Methyl Acetate
Concen: 21.368 ug/l
RT: 2.76 min Scan# 308
Delta R.T. -0.00 min
Lab File: VX014950.D
Acq: 18 Feb 2020 11:38

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.0	19.4	29.0





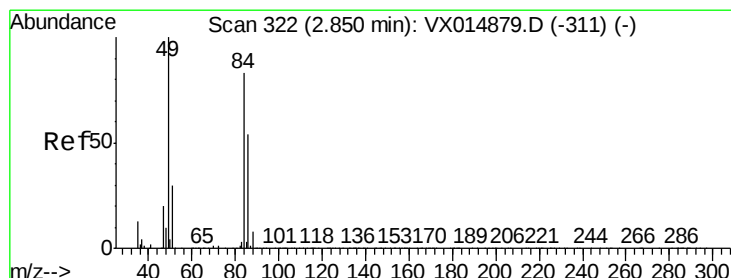
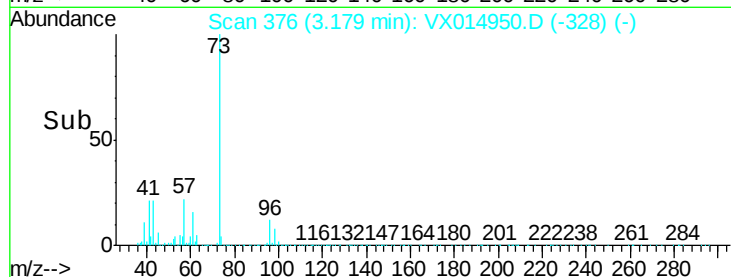
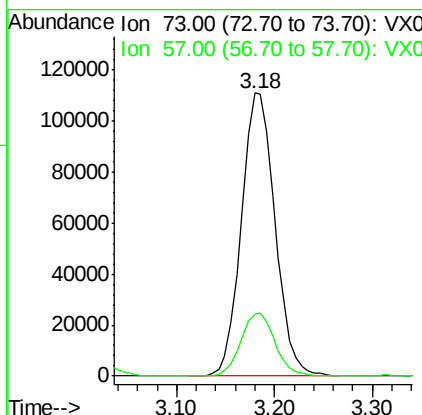
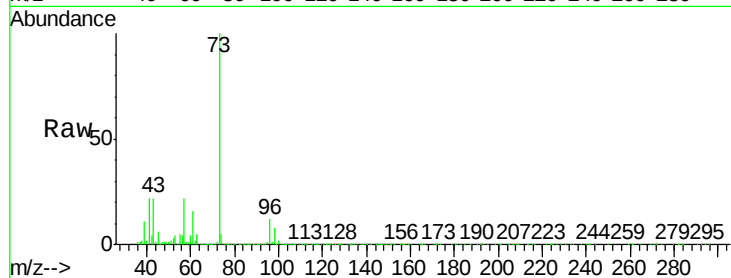
#19
Methvl tert-butvl Ether
Concen: 19.402 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014950.D
Acq: 18 Feb 2020 11:38

Instrument :
MSVOA_X
ClientSampleId :
VX0218WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.9	18.2	27.4

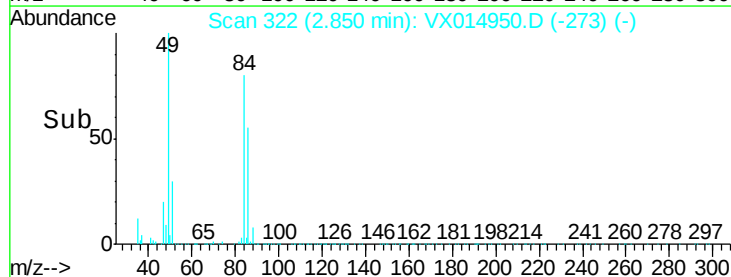
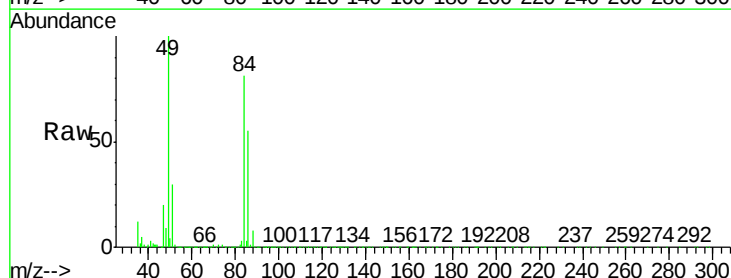
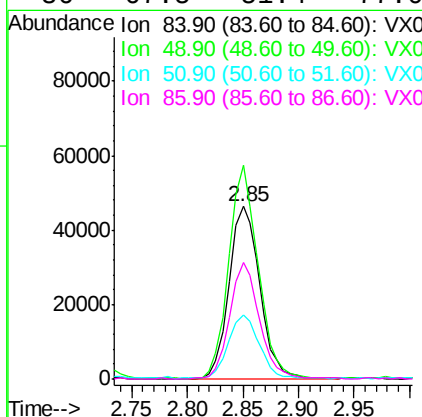
Manual Integrations
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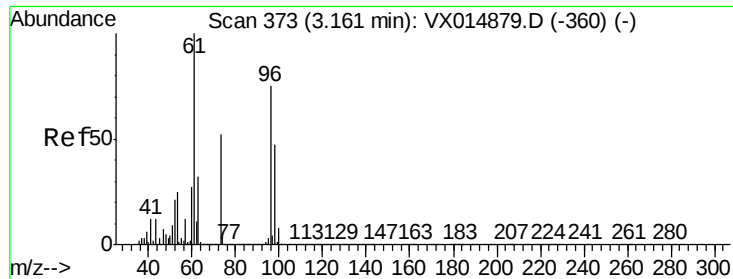
MMDadoda
2/19/2020 12:14:51 PM



#20
Methylene Chloride
Concen: 17.817 ug/l
RT: 2.85 min Scan# 322
Delta R.T. -0.00 min
Lab File: VX014950.D
Acq: 18 Feb 2020 11:38

Tgt Ion	Ratio	Lower	Upper
84	100		
49	123.3	95.6	143.4
51	36.5	29.0	43.6
86	67.5	51.4	77.0





#21

trans-1,2-Dichloroethene

Concen: 17.989 ug/l

RT: 3.16 min Scan# 373

Delta R.T. -0.00 min

Lab File: VX014950.D

Acq: 18 Feb 2020 11:38

Instrument :

MSVOA_X

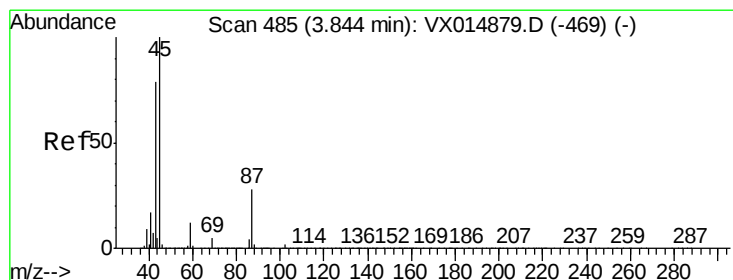
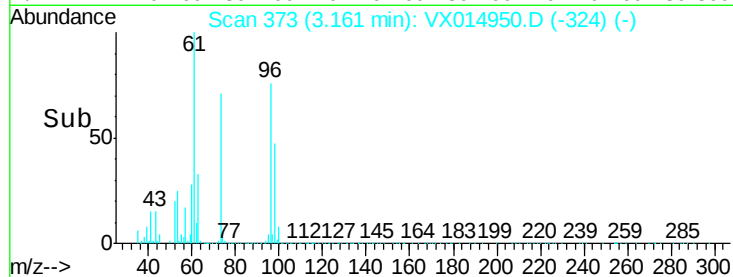
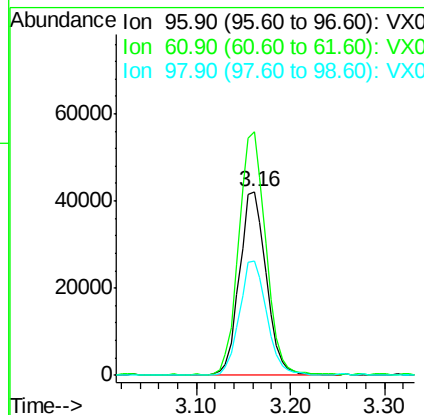
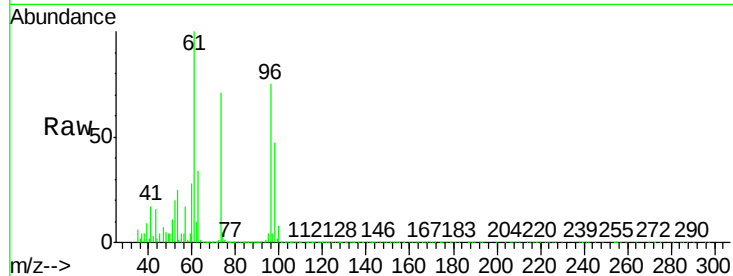
ClientSampleId :

VX0218WBSD01

Tot Ion:	96	Resp:	83235
Ion Ratio	Lower	Upper	
96	100		
61	132.7	106.9	160.3
98	61.8	50.7	76.1

Manual Integrations
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2/19/2020 12:14:51 PM



#22

Diisopropyl ether

Concen: 19.434 ug/l

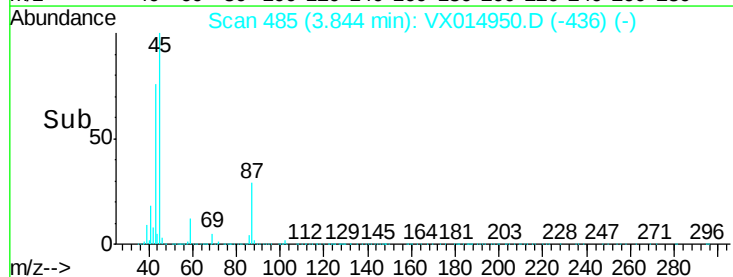
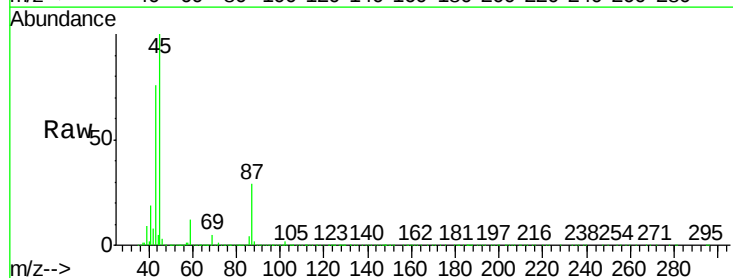
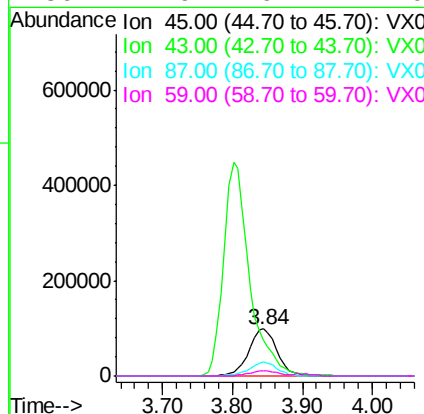
RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX014950.D

Acq: 18 Feb 2020 11:38

Tgt Ion:	45	Resp:	275958
Ion Ratio	Lower	Upper	
45	100		
43	75.7	63.5	95.3
87	28.5	22.2	33.4
59	11.6	9.4	14.0





#23

Vinyl Acetate

Concen: 99.590 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX014950.D

Acq: 18 Feb 2020 11:38

Instrument :

MSVOA_X

ClientSampleId :

VX0218WBSD01

Tot Ion: 43 Resp: 1165763

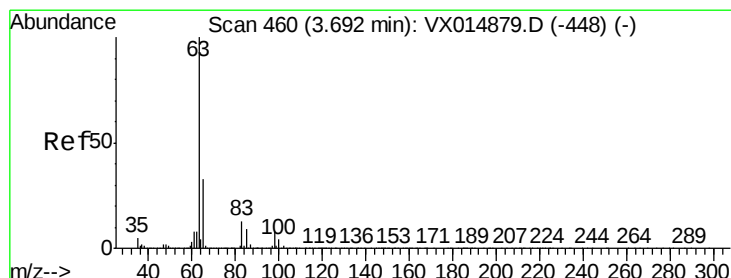
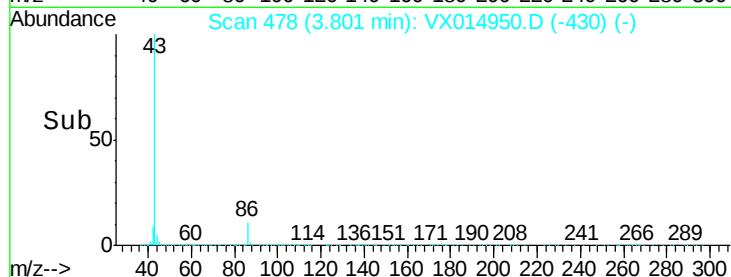
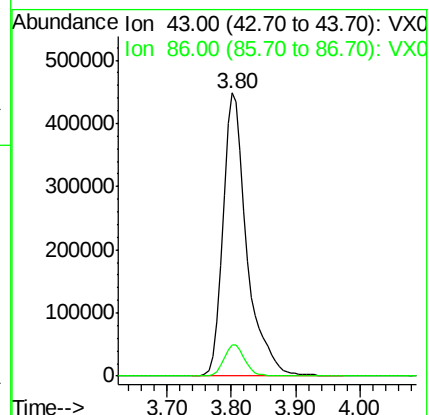
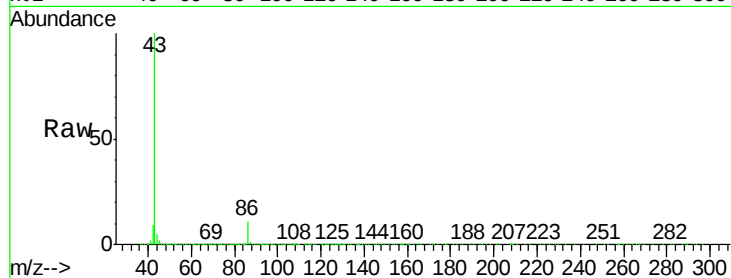
Ion Ratio Lower Upper

43 100

86 11.0 8.9 13.3

Manual Integrations
APPROVED

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#24

1,1-Dichloroethane

Concen: 18.689 ug/l

RT: 3.69 min Scan# 460

Delta R.T. -0.00 min

Lab File: VX014950.D

Acq: 18 Feb 2020 11:38

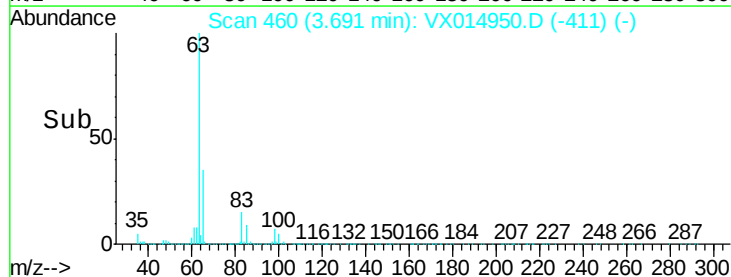
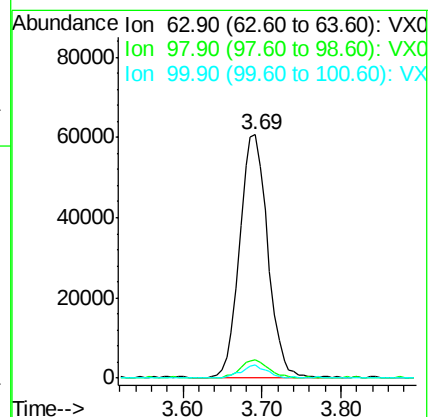
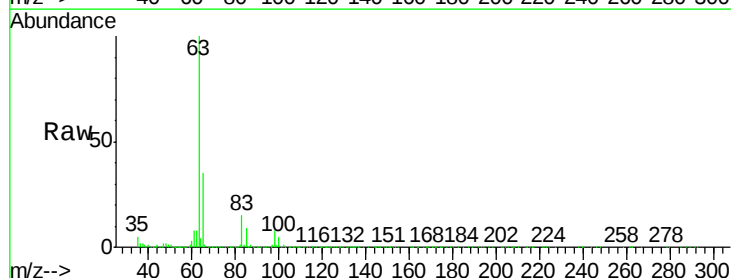
Tgt Ion: 63 Resp: 149776

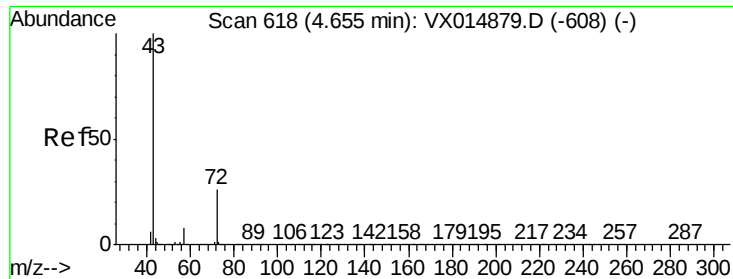
Ion Ratio Lower Upper

63 100

98 7.2 3.9 11.5

100 4.9 2.2 6.6





#25

2-Butanone

Concen: 95.682 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.00 min

Lab File: VX014950.D

Acq: 18 Feb 2020 11:38

Instrument :

MSVOA_X

ClientSampleId :

VX0218WBSD01

Tot Ion: 43 Resp: 336332

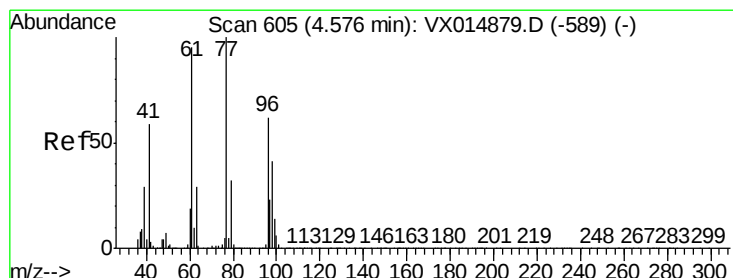
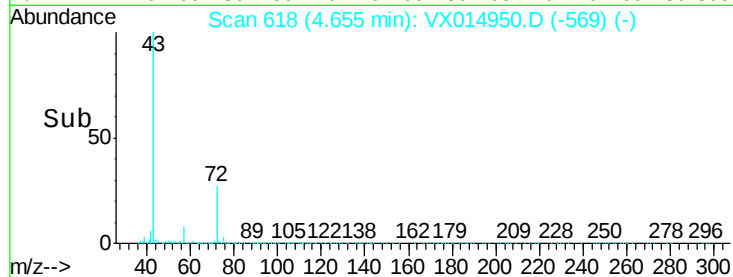
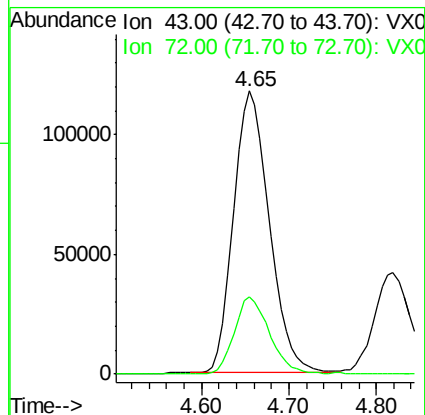
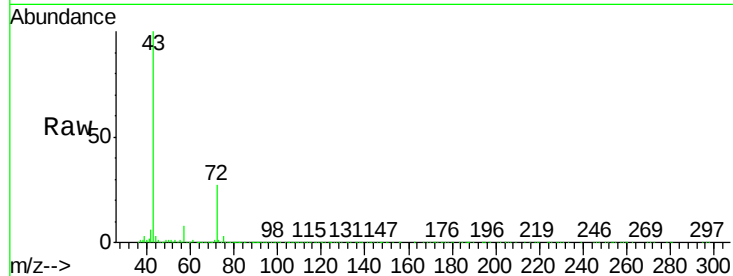
Ion Ratio Lower Upper

43 100

72 27.0 21.0 31.6

Manual Integrations
APPROVED

MMDadoda
2/19/2020 12:14:51 PM



#26

2,2-Dichloropropane

Concen: 17.716 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014950.D

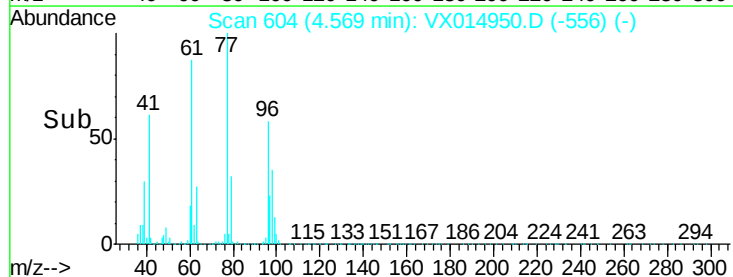
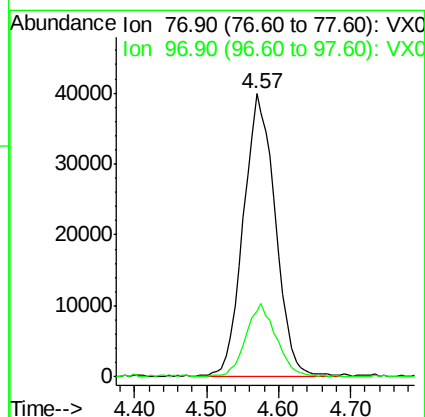
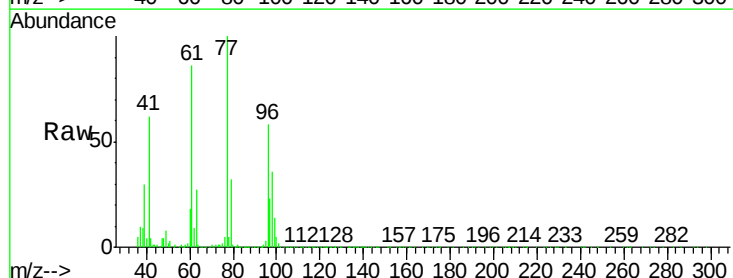
Acq: 18 Feb 2020 11:38

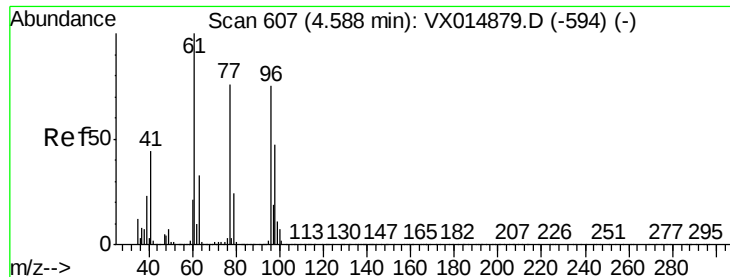
Tgt Ion: 77 Resp: 122358

Ion Ratio Lower Upper

77 100

97 25.1 11.9 35.5





#27

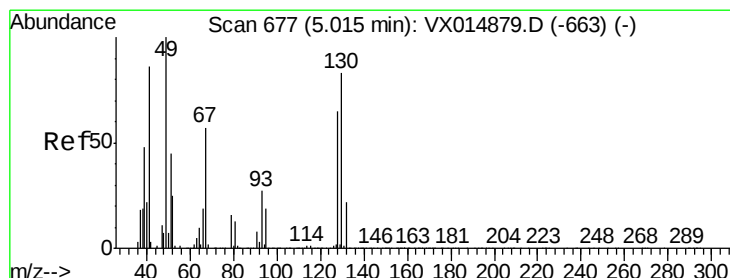
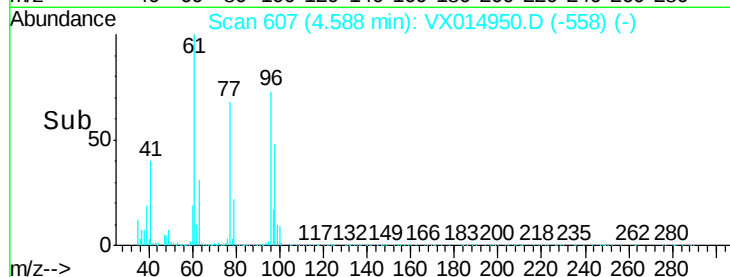
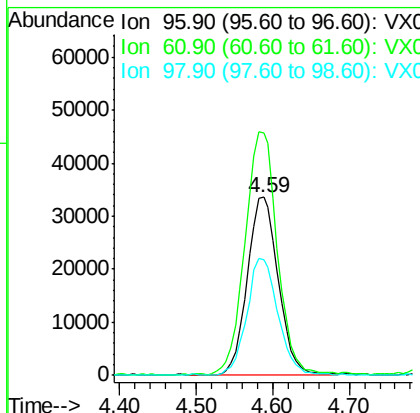
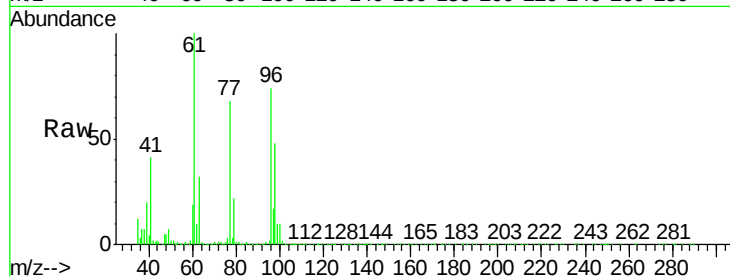
cis-1,2-Dichloroethene
Concen: 18.375 ug/l
RT: 4.59 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX014950.D
Acq: 18 Feb 2020 11:38

Instrument :
MSVOA_X
ClientSampleId :
VX0218WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	140.9	0.0	286.2
98	64.9	0.0	131.0

Manual Integrations
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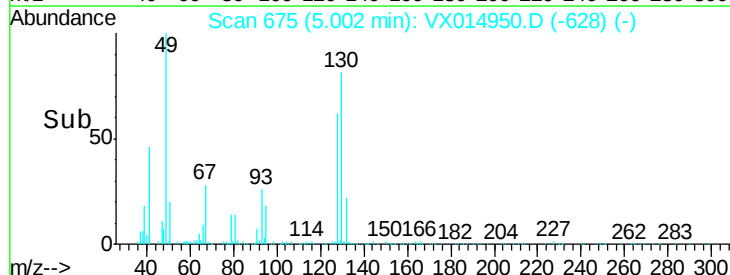
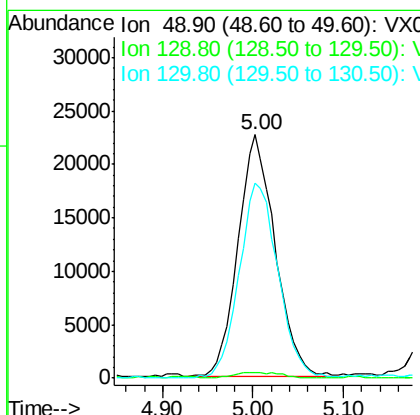
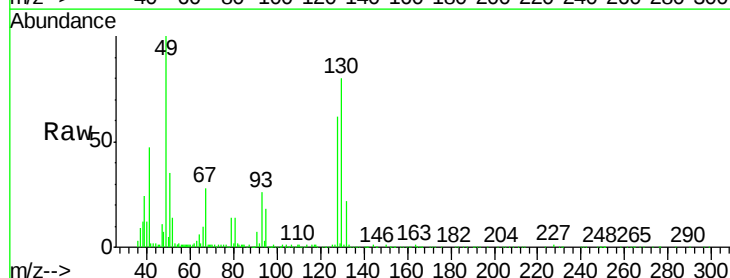
MMDadoda
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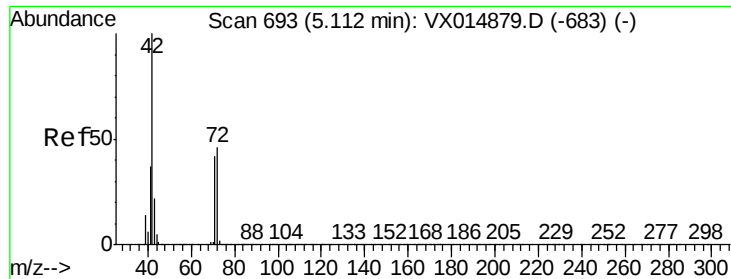


#28

Bromochloromethane
Concen: 20.518 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX014950.D
Acq: 18 Feb 2020 11:38

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.1	0.0	5.2
130	85.1	67.4	101.2





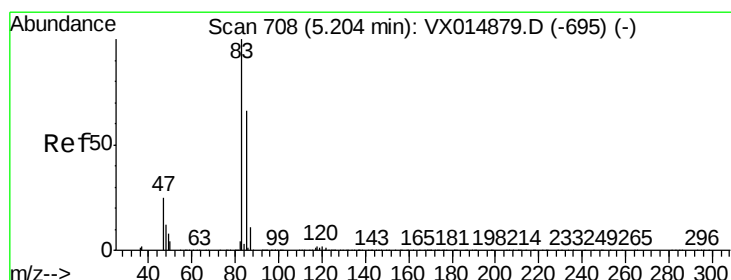
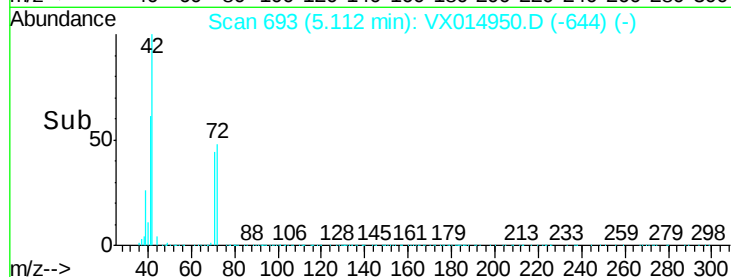
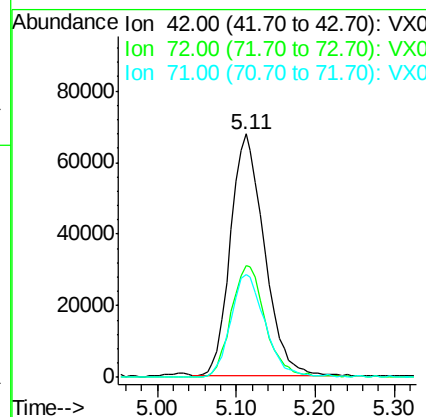
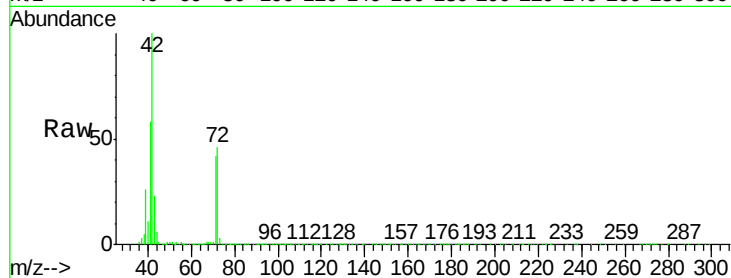
#29
Tetrahydrofuran
Concen: 101.285 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.00 min
Lab File: VX014950.D
Acq: 18 Feb 2020 11:38

Instrument :
MSVOA_X
ClientSampleId :
VX0218WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.3	36.9	55.3
71	42.7	34.1	51.1

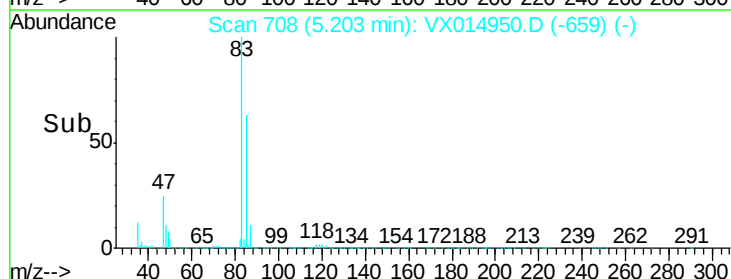
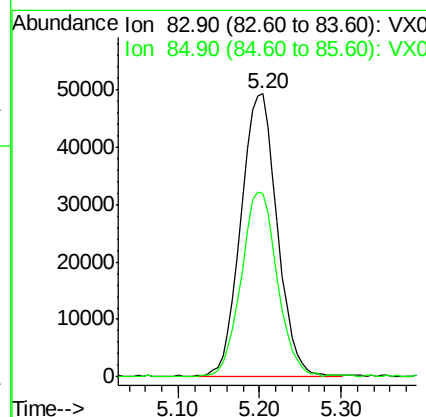
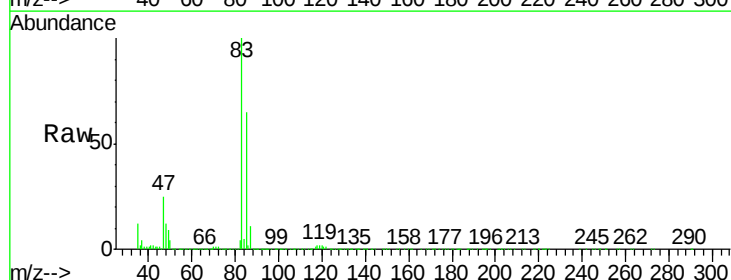
Manual Integrations
APPROVED

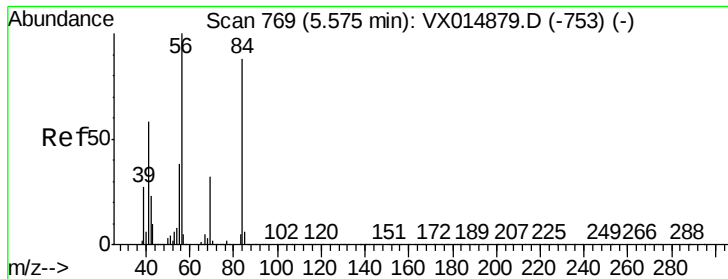
MMDadoda
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#30
Chloroform
Concen: 19.051 ug/l
RT: 5.20 min Scan# 708
Delta R.T. -0.00 min
Lab File: VX014950.D
Acq: 18 Feb 2020 11:38

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.5	52.9	79.3





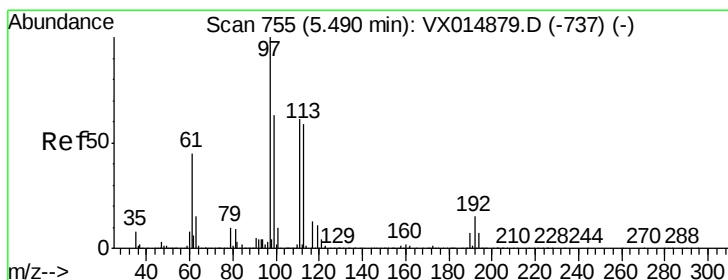
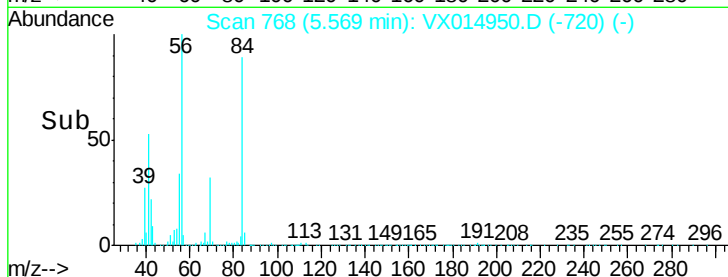
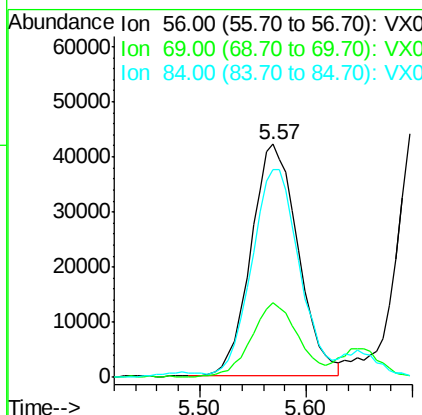
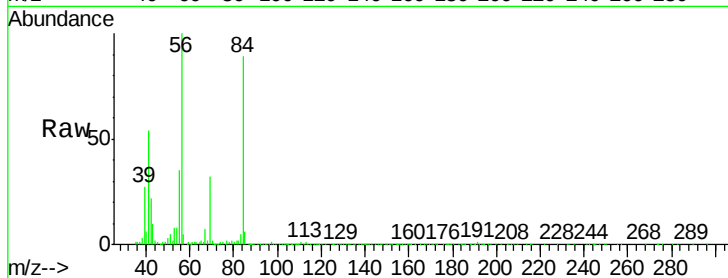
#31
Cyclohexane
Concen: 17.778 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.01 min
Lab File: VX014950.D
Acq: 18 Feb 2020 11:38

Instrument :
MSVOA_X
ClientSampleId :
VX0218WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.8	25.9	38.9
84	87.7	70.4	105.6

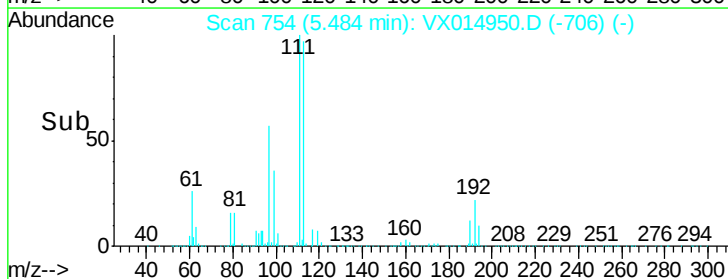
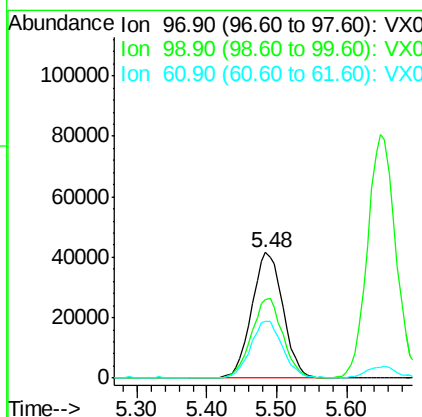
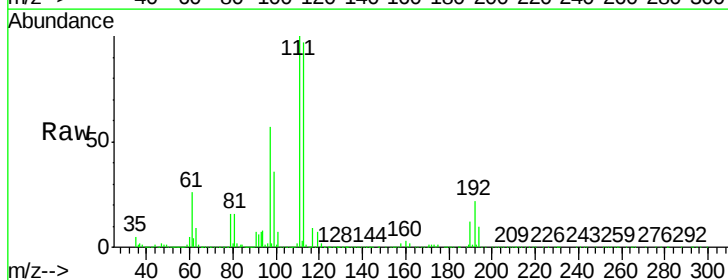
Manual Integrations
APPROVED

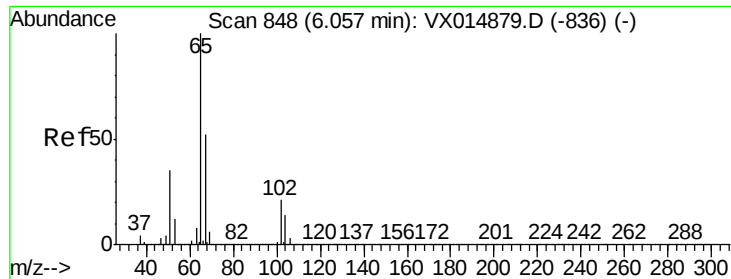
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 18.486 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014950.D
Acq: 18 Feb 2020 11:38

Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.6	51.0	76.6
61	46.6	36.3	54.5





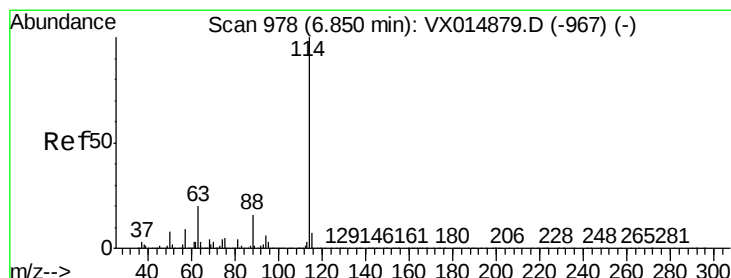
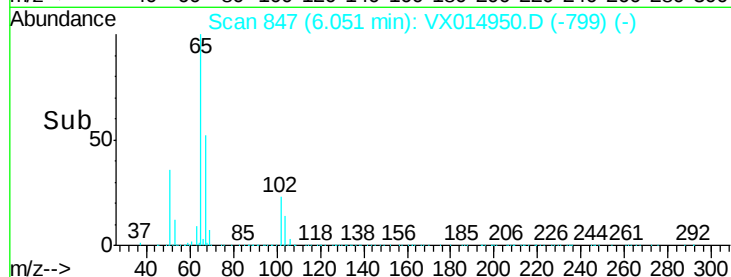
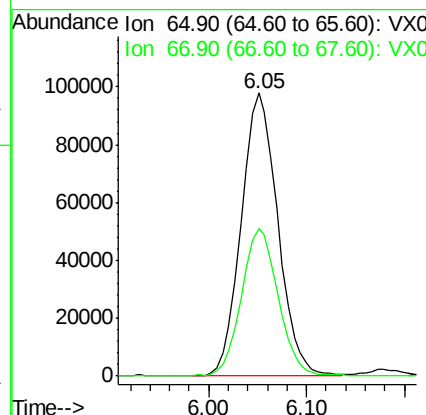
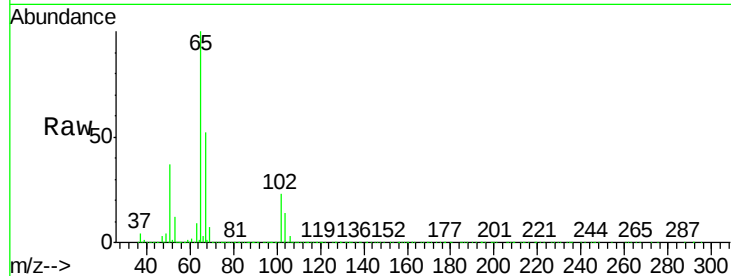
#33
 1,2-Dichloroethane-d4
 Concen: 49.282 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: VX014950.D
 Acq: 18 Feb 2020 11:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0218WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	254452		
67	52.1	0.0	103.0	

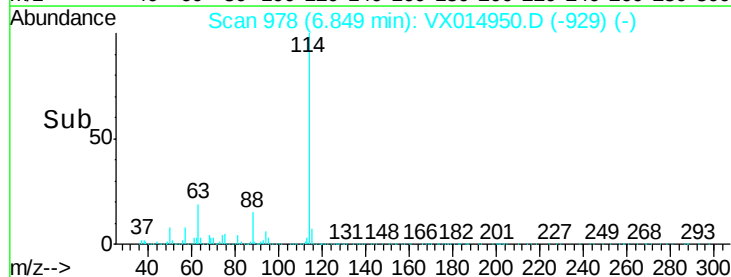
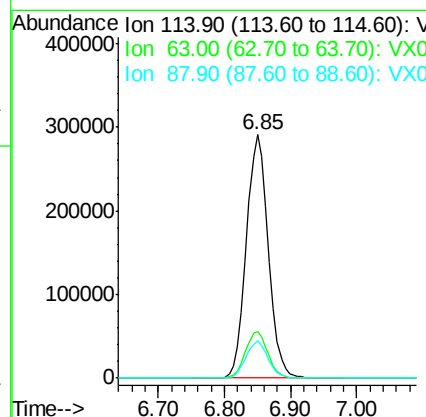
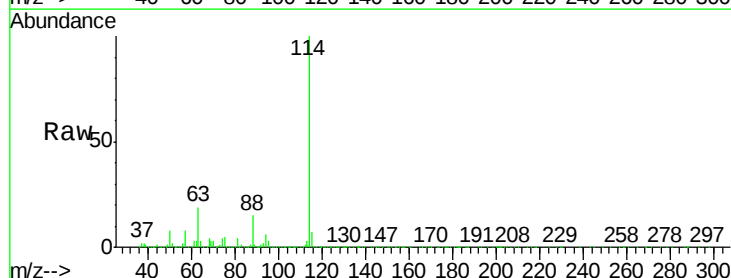
Manual Integrations
 APPROVED

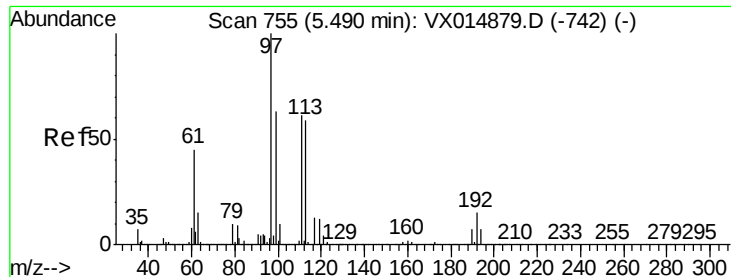
MMDadoda
 2/19/2020 12:14:51 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX014950.D
 Acq: 18 Feb 2020 11:38

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	670351		
63	19.1	0.0	39.2	
88	15.4	0.0	32.0	





#35

Dibromofluoromethane

Concen: 49.954 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX014950.D

Acq: 18 Feb 2020 11:38

Instrument :

MSVOA_X

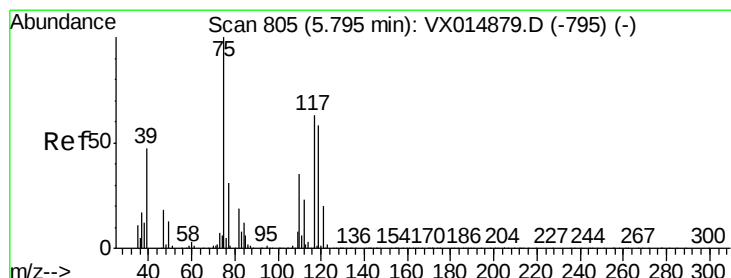
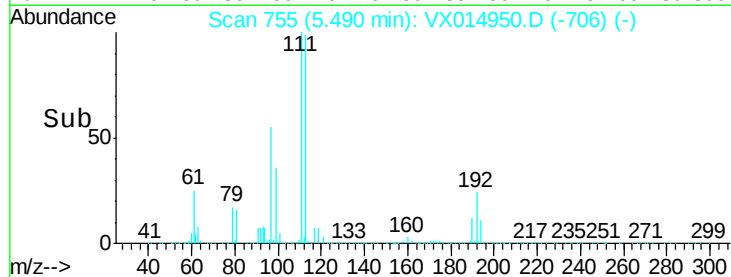
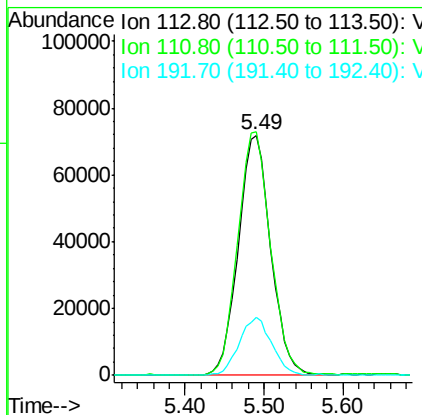
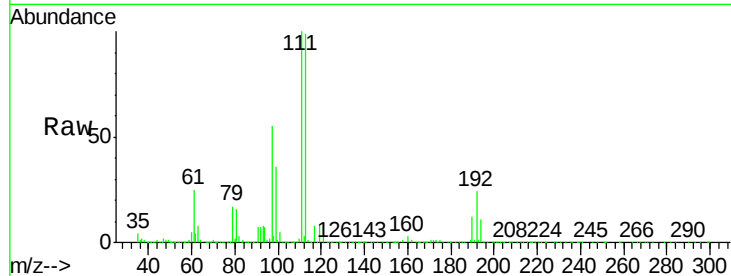
ClientSampleId :

VX0218WBSD01

Tot Ion:	113	Resp:	205869
Ion Ratio	Lower	Upper	
113	100		
111	102.7	82.4	123.6
192	24.2	19.1	28.7

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 18.550 ug/l

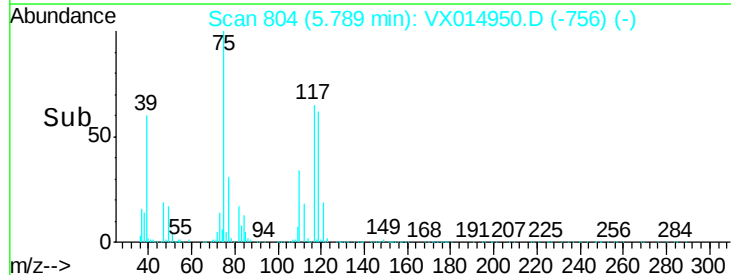
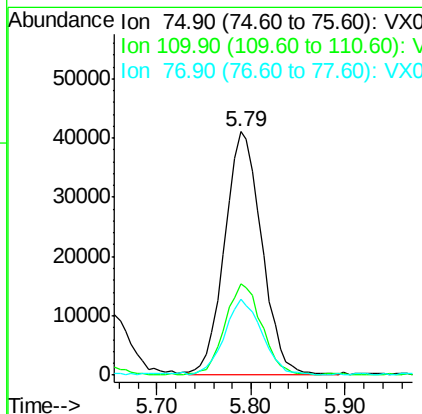
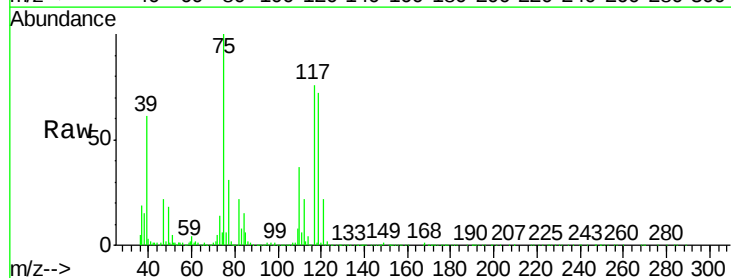
RT: 5.79 min Scan# 804

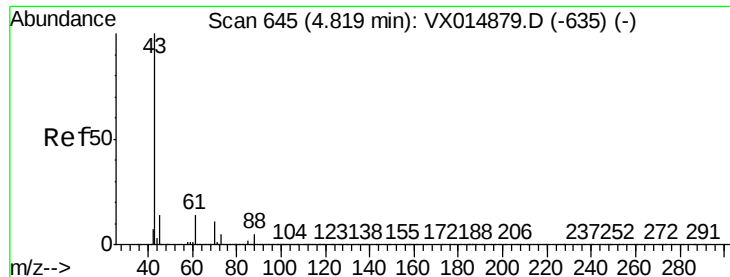
Delta R.T. -0.01 min

Lab File: VX014950.D

Acq: 18 Feb 2020 11:38

Tgt Ion:	75	Resp:	111233
Ion Ratio	Lower	Upper	
75	100		
110	36.9	18.3	54.8
77	32.1	24.6	36.8





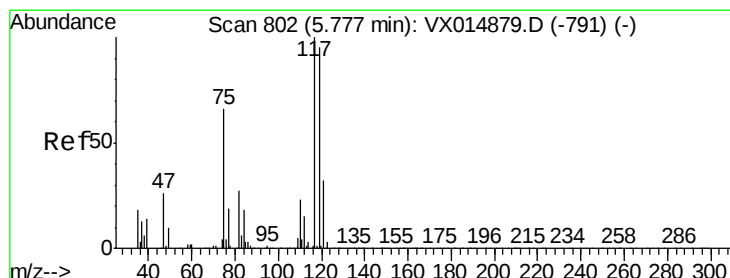
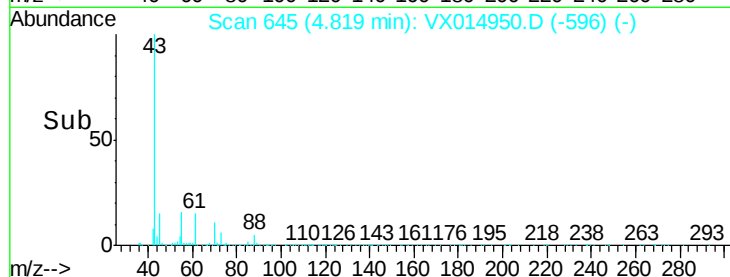
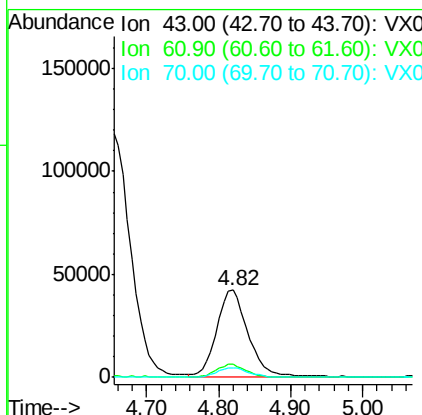
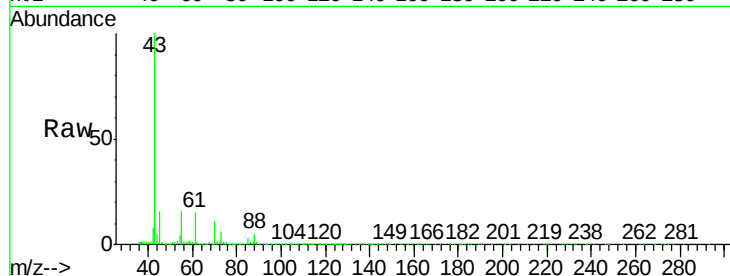
#37
Ethyl Acetate
Concen: 19.996 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX014950.D
Acq: 18 Feb 2020 11:38

Instrument :
MSVOA_X
ClientSampleId :
VX0218WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.0	10.9	16.3
70	10.9	8.7	13.1

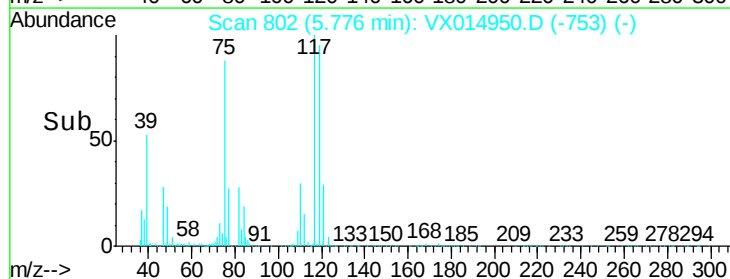
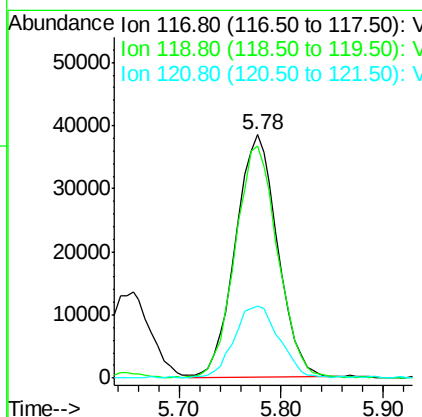
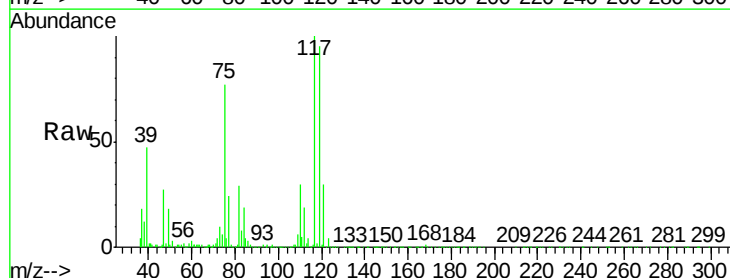
Manual Integrations
APPROVED

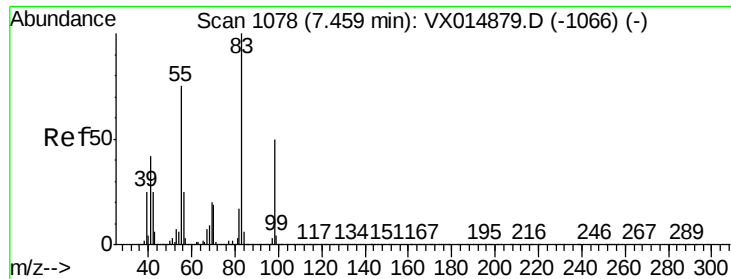
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#38
Carbon Tetrachloride
Concen: 18.831 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX014950.D
Acq: 18 Feb 2020 11:38

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.1	76.0	114.0
121	29.5	25.4	38.2





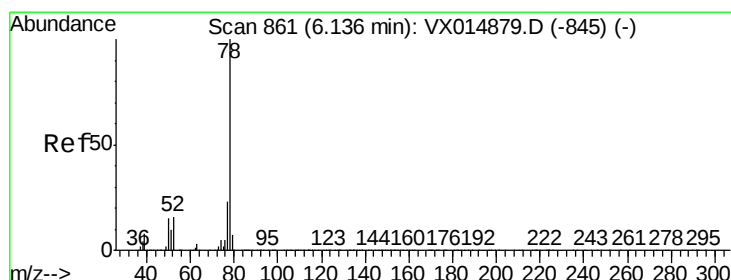
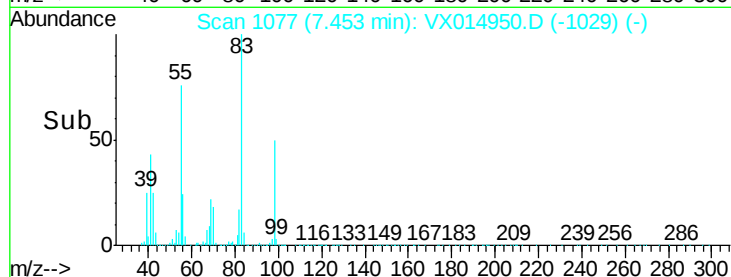
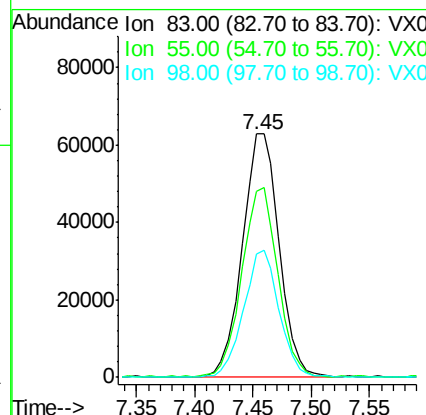
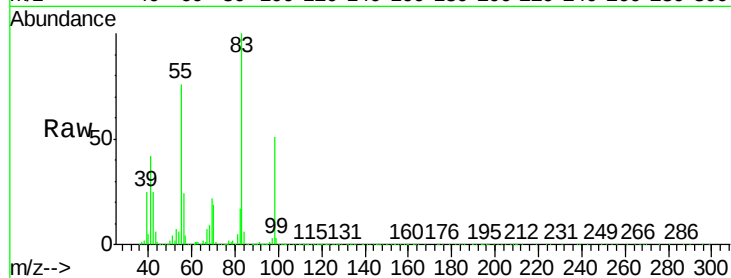
#39
Methvlcvclohexane
Concen: 18.364 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014950.D
Acq: 18 Feb 2020 11:38

Instrument :
MSVOA_X
ClientSampleId :
VX0218WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.8	60.0	90.0
98	50.7	39.6	59.4

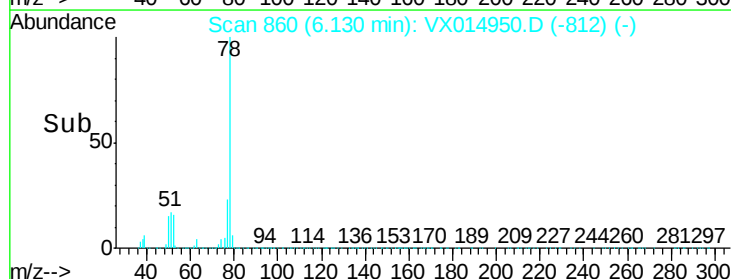
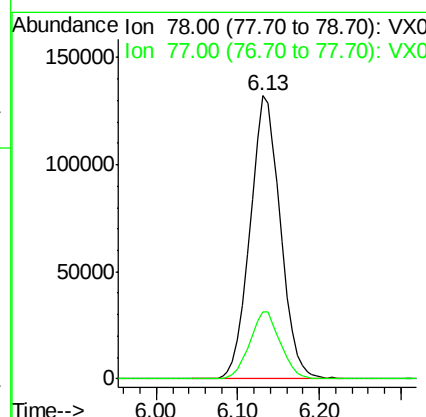
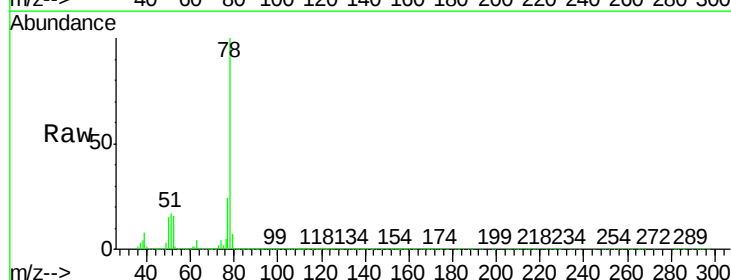
Manual Integrations
APPROVED

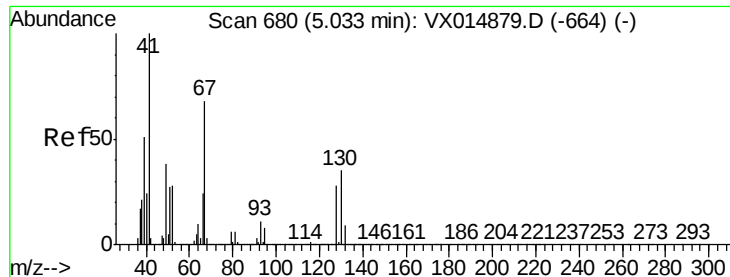
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#40
Benzene
Concen: 19.006 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014950.D
Acq: 18 Feb 2020 11:38

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.8	28.2





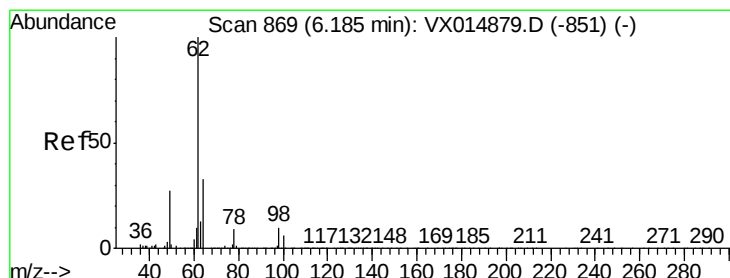
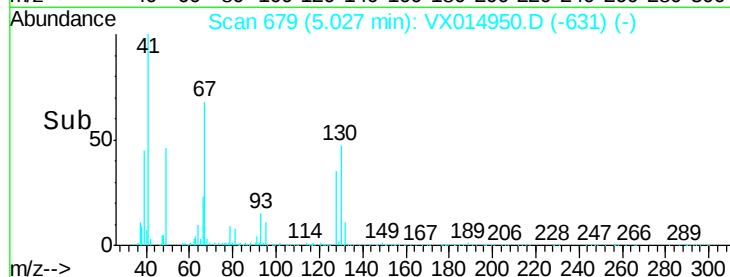
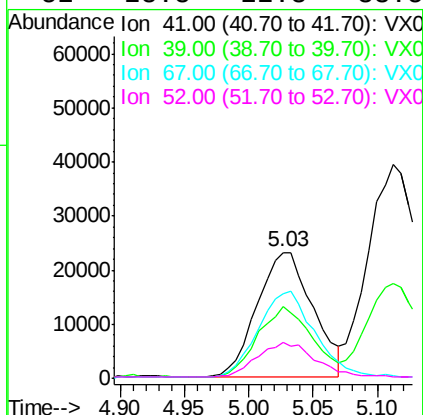
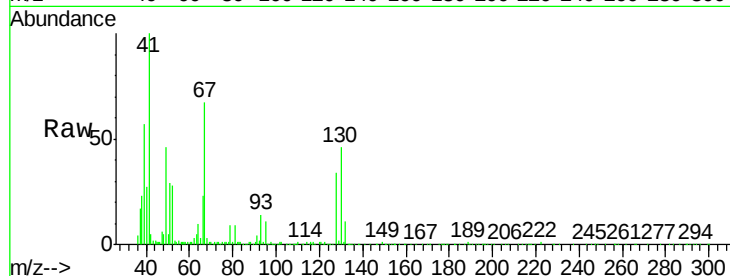
#41
Methacrylonitrile
Concen: 20.674 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX014950.D
Acq: 18 Feb 2020 11:38

Instrument :
MSVOA_X
ClientSampleId :
VX0218WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		69656		
39	53.9	44.7	67.1		
67	70.3	56.6	84.8		
52	28.8	22.3	33.5		

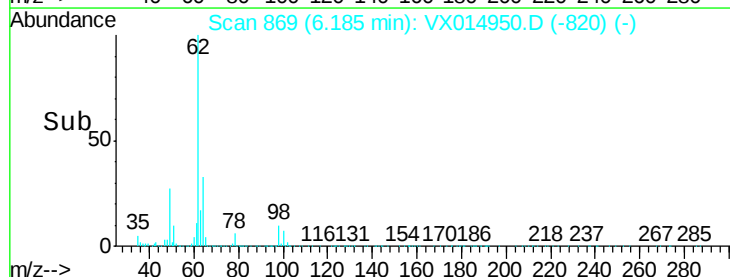
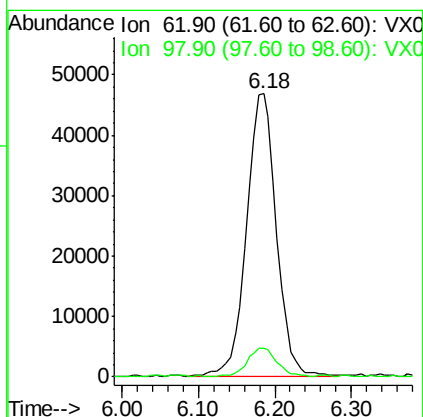
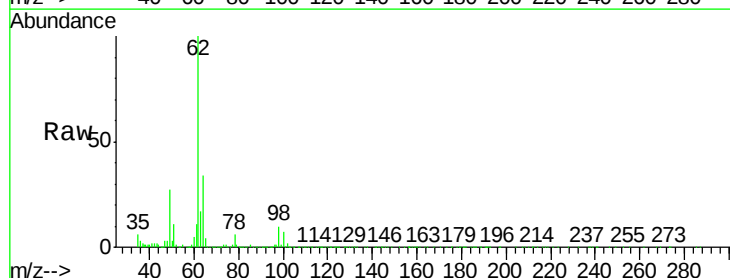
Manual Integrations
APPROVED

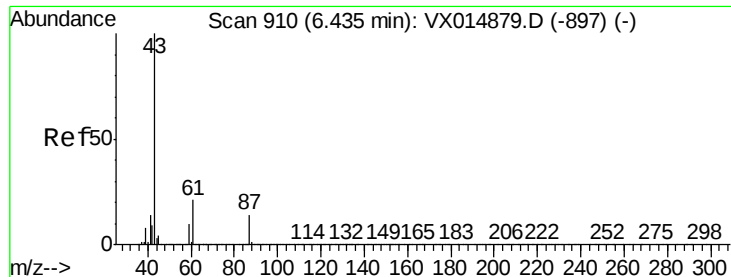
MMDadoda
2/19/2020 12:14:51 PM



#42
1,2-Dichloroethane
Concen: 19.538 ug/l
RT: 6.18 min Scan# 869
Delta R.T. -0.00 min
Lab File: VX014950.D
Acq: 18 Feb 2020 11:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		126520		
98	10.1	0.0	19.2		





#43

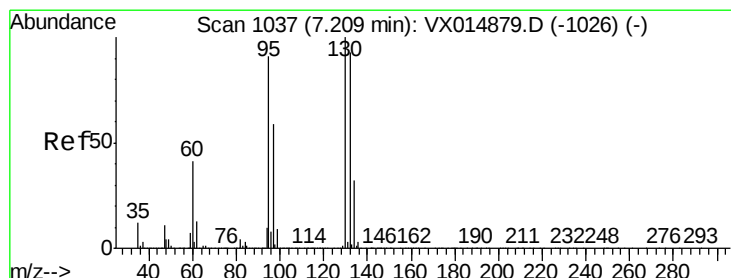
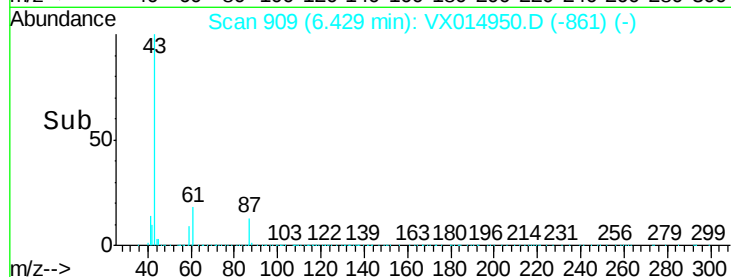
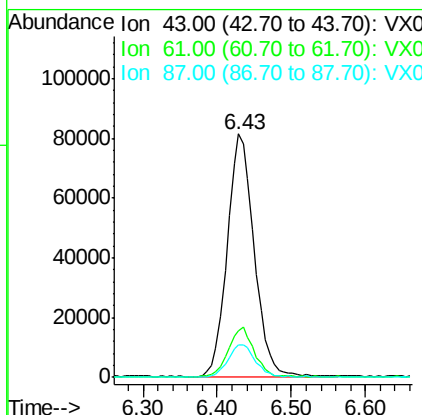
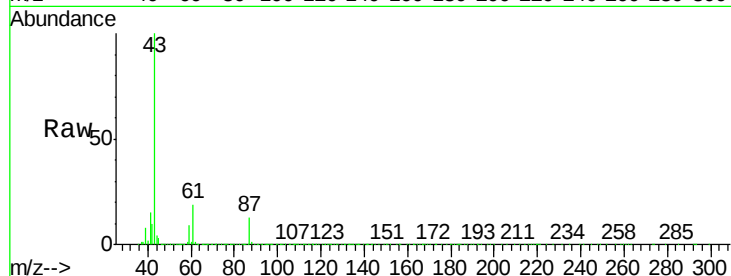
Isopropyl Acetate
 Concen: 19.897 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX014950.D
 Acq: 18 Feb 2020 11:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0218WBSD01

Tot Ion	43	Resp	205282
Ion Ratio	Lower	Upper	
43	100		
61	19.8	16.2	24.4
87	13.6	11.0	16.6

Manual Integrations
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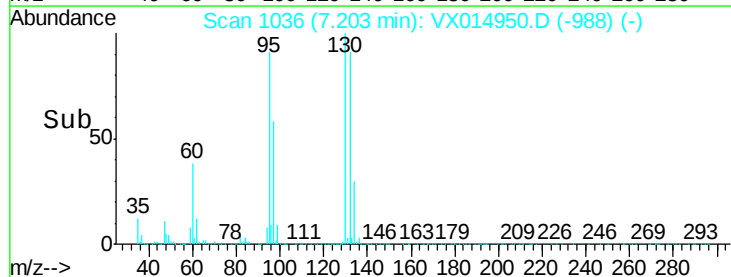
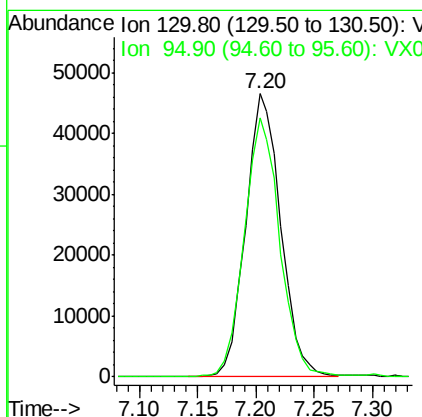
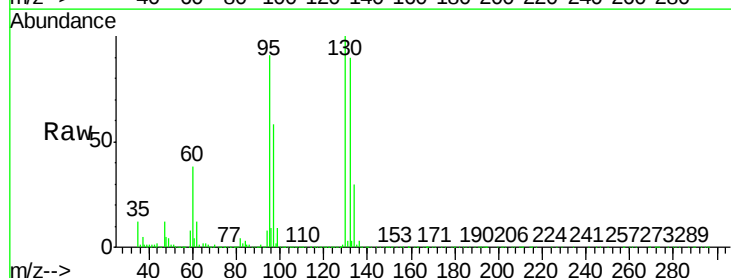
MMDadoda
 2/19/2020 12:14:51 PM

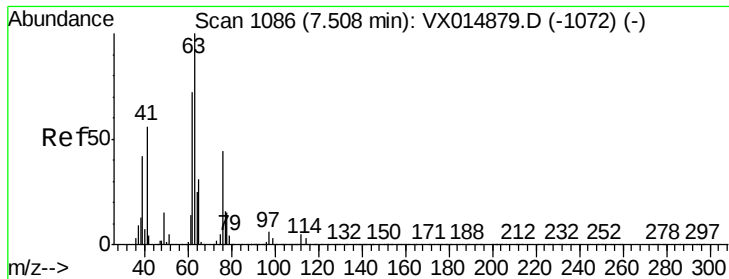


#44

Trichloroethene
 Concen: 18.752 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX014950.D
 Acq: 18 Feb 2020 11:38

Tgt Ion	130	Resp	97534
Ion Ratio	Lower	Upper	
130	100		
95	91.4	0.0	182.6





#45

1,2-Dichloropropane

Concen: 19.253 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX014950.D

Acq: 18 Feb 2020 11:38

Instrument :

MSVOA_X

ClientSampleId :

VX0218WBSD01

Tot Ion: 63 Resp: 87970

Ion Ratio Lower Upper

63 100

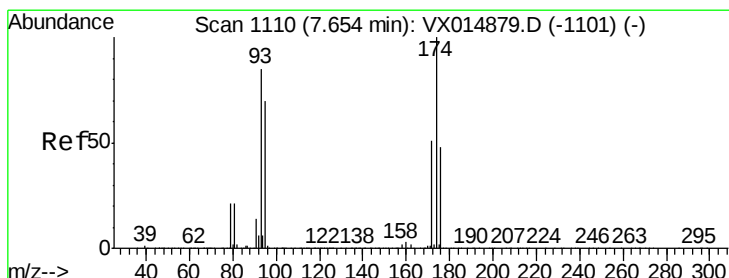
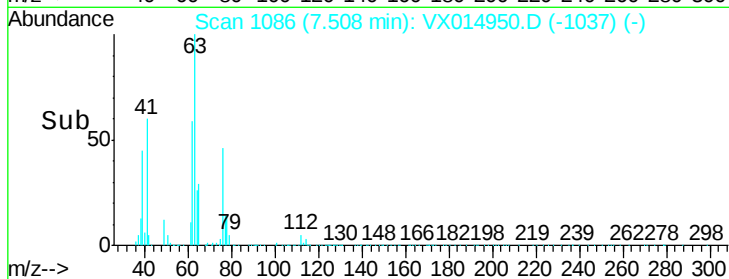
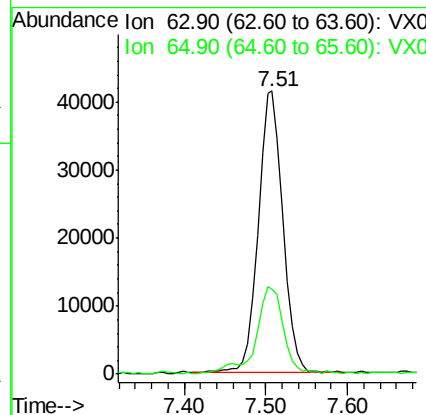
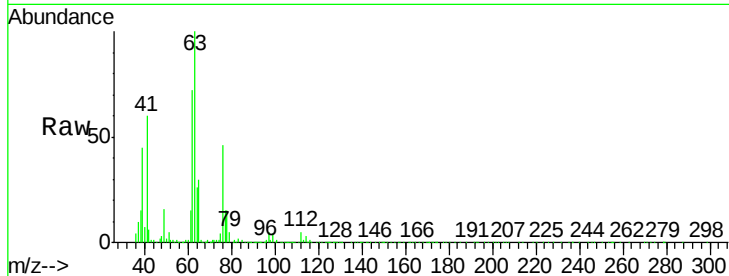
65 30.0 24.9 37.3

Manual Integrations

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2/19/2020 12:14:51 PM



#46

Dibromomethane

Concen: 18.961 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX014950.D

Acq: 18 Feb 2020 11:38

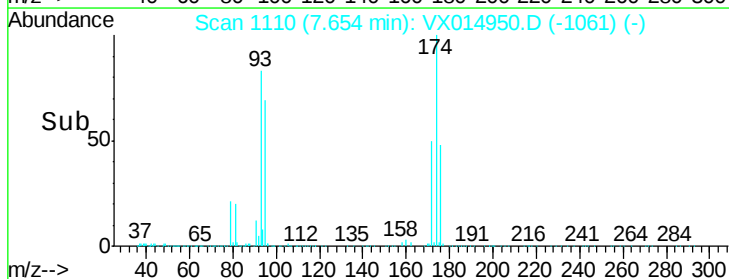
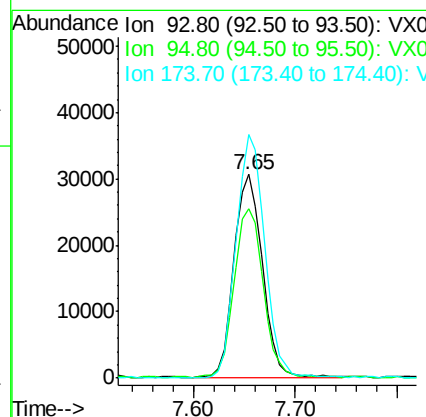
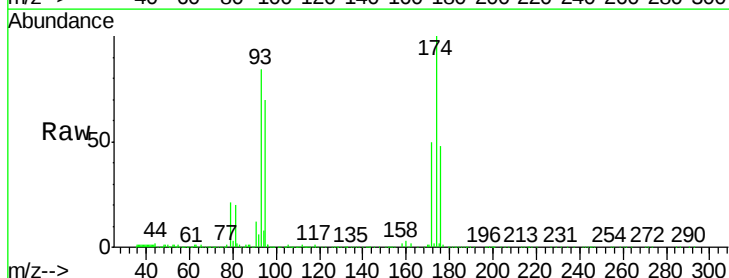
Tgt Ion: 93 Resp: 59223

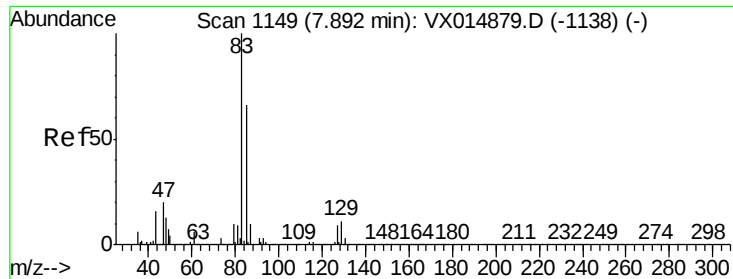
Ion Ratio Lower Upper

93 100

95 85.0 65.8 98.8

174 121.1 95.4 143.2





#47

Bromodichloromethane

Concen: 19.014 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX014950.D

Acq: 18 Feb 2020 11:38

Instrument :

MSVOA_X

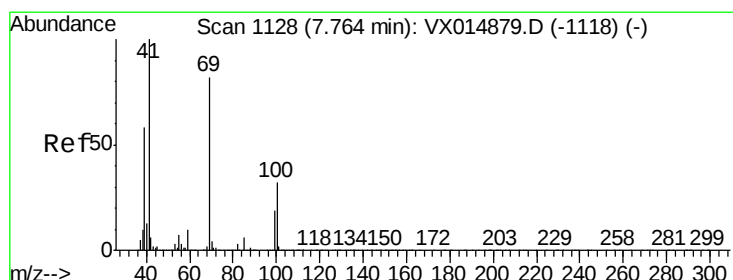
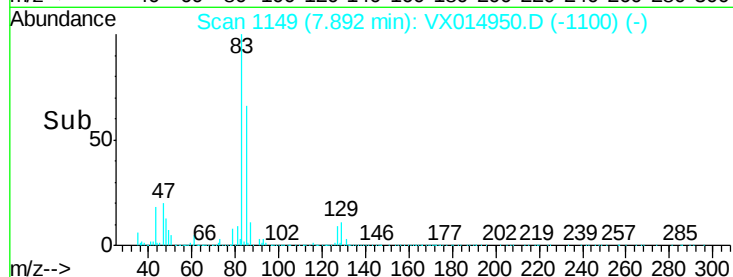
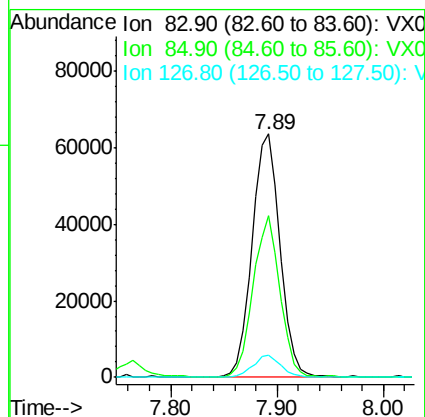
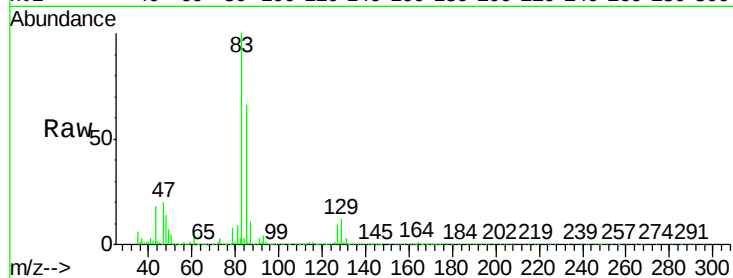
ClientSampleId :

VX0218WBSD01

Tot Ion:	83	Resp:	117750
Ion Ratio	Lower	Upper	
83	100		
85	65.8	52.5	78.7
127	8.8	7.4	11.0

Manual Integrations
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#48

Methyl methacrylate

Concen: 20.035 ug/l

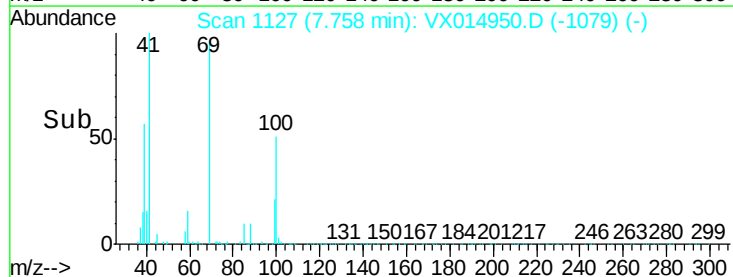
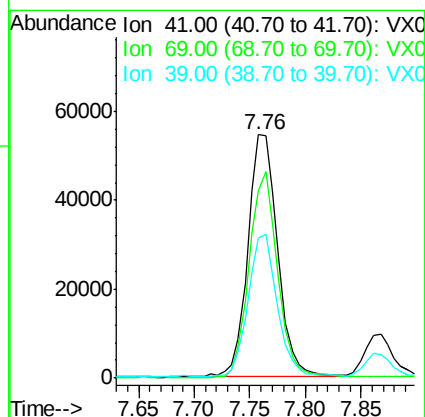
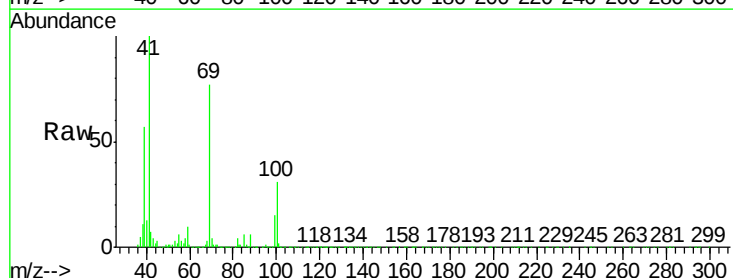
RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX014950.D

Acq: 18 Feb 2020 11:38

Tgt Ion:	41	Resp:	101727
Ion Ratio	Lower	Upper	
41	100		
69	81.8	65.7	98.5
39	57.8	45.8	68.8





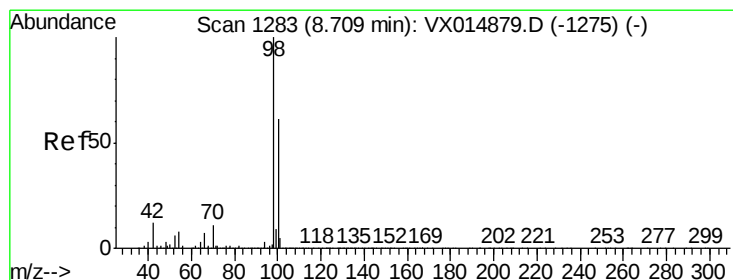
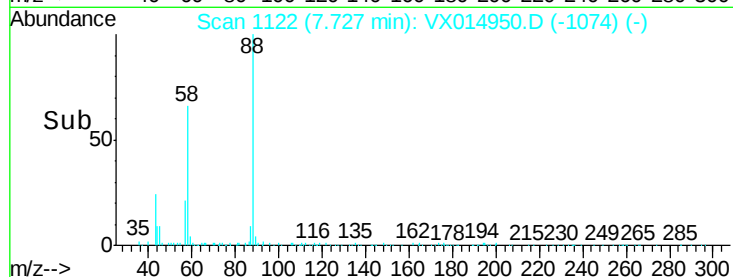
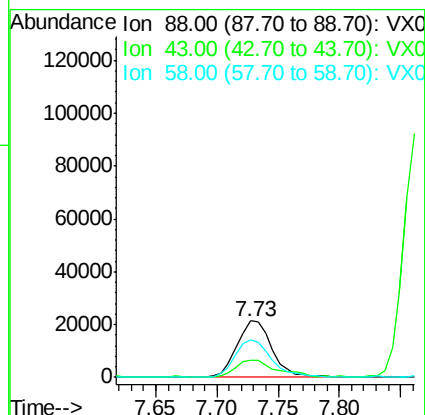
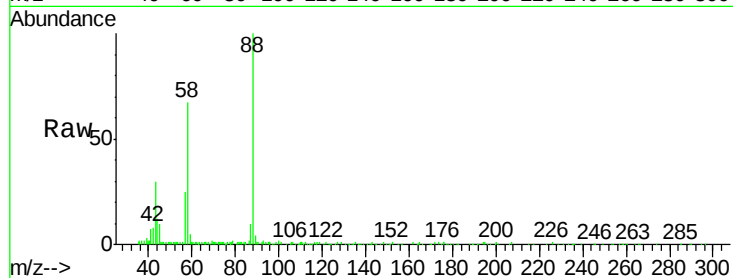
#49
1,4-Dioxane
Concen: 450.248 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX014950.D
Acq: 18 Feb 2020 11:38

Instrument :
MSVOA_X
ClientSampleId :
VX0218WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.7	27.0	40.4
58	66.3	53.2	79.8

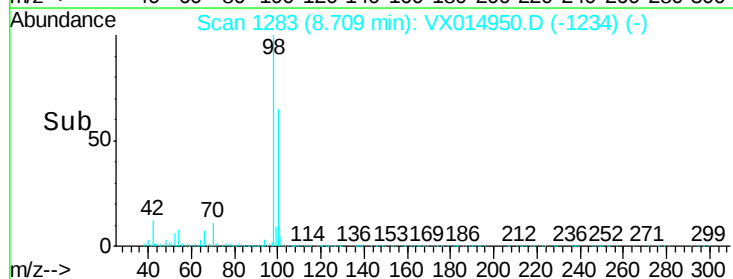
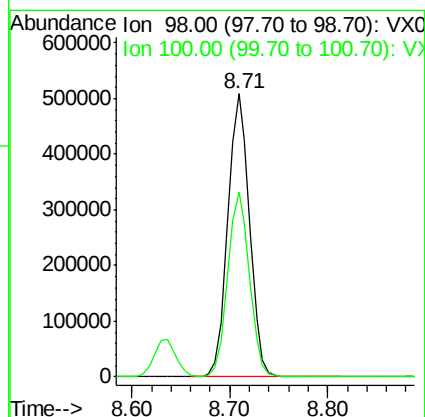
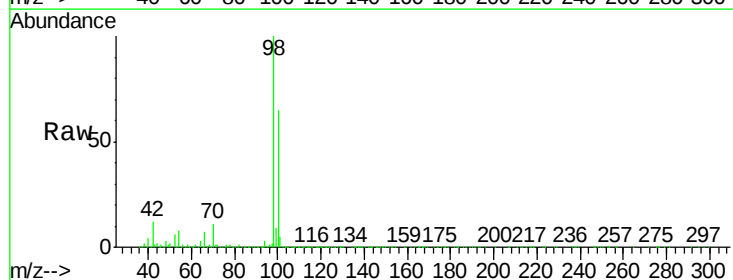
Manual Integrations
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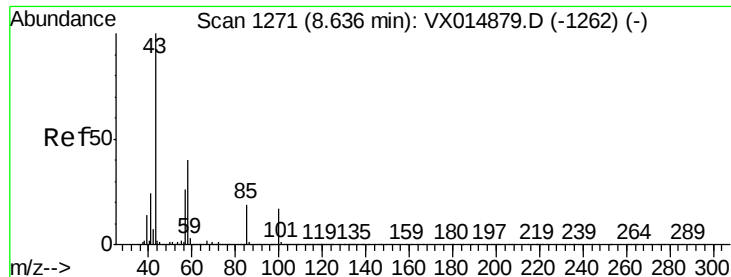
MMDadoda
2/19/2020 12:14:51 PM



#50
Toluene-d8
Concen: 49.612 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX014950.D
Acq: 18 Feb 2020 11:38

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.4	78.6





#51

4-Methyl-2-Pentanone

Concen: 102.629 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX014950.D

Acq: 18 Feb 2020 11:38

Instrument :

MSVOA_X

ClientSampleId :

VX0218WBSD01

Tot Ion: 43 Resp: 639356

Ion Ratio Lower Upper

43 100

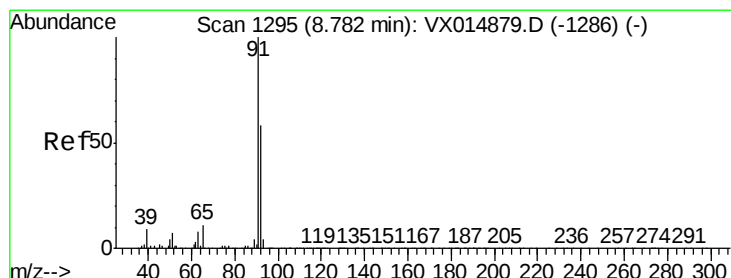
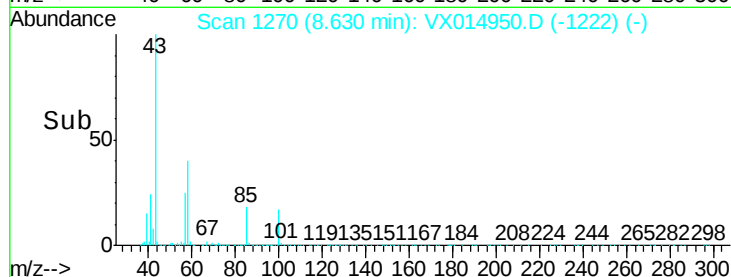
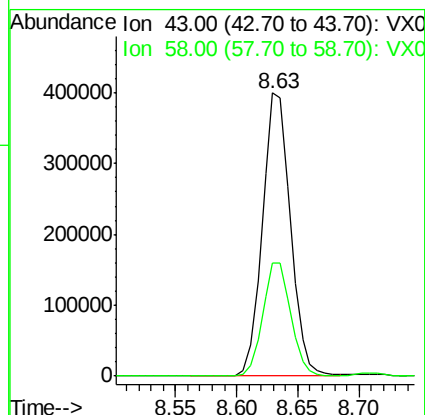
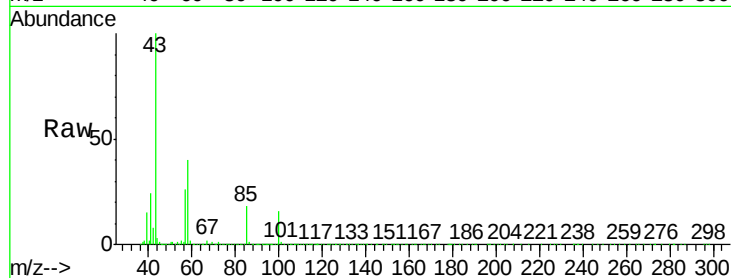
58 39.9 31.9 47.9

Manual Integrations

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2/19/2020 12:14:51 PM



#52

Toluene

Concen: 19.053 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014950.D

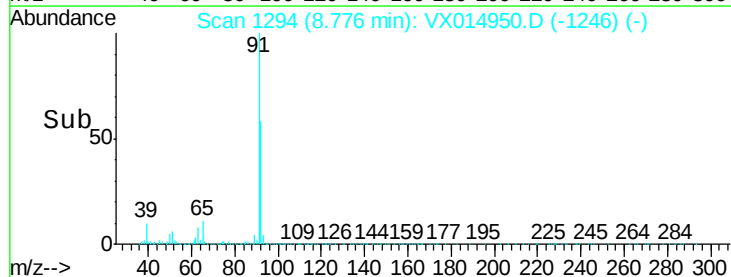
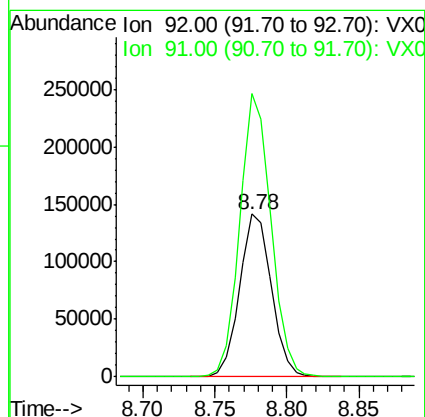
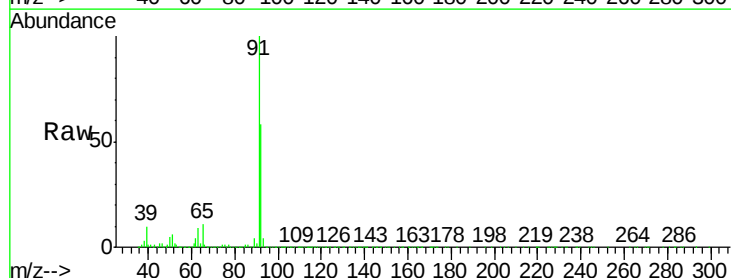
Acq: 18 Feb 2020 11:38

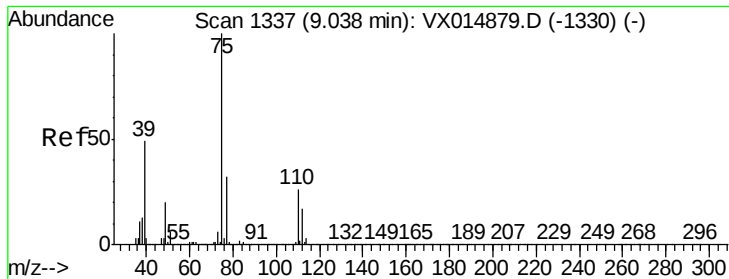
Tgt Ion: 92 Resp: 216809

Ion Ratio Lower Upper

92 100

91 170.8 137.0 205.4





#53

t-1,3-Dichloropropene

Concen: 19.267 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. -0.00 min

Lab File: VX014950.D

Acq: 18 Feb 2020 11:38

Instrument :

MSVOA_X

ClientSampleId :

VX0218WBSD01

Tot Ion: 75 Resp: 130768

Ion Ratio Lower Upper

75 100

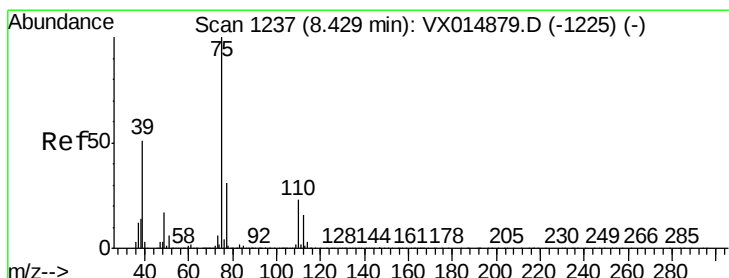
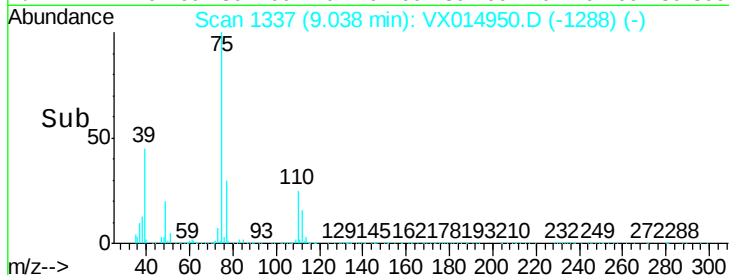
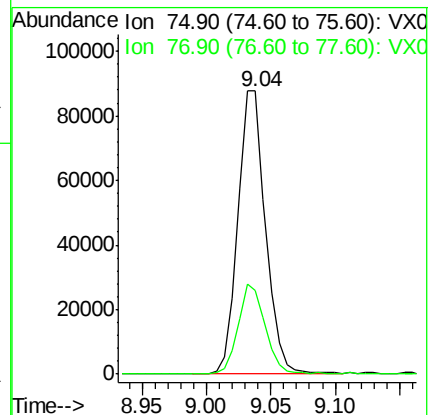
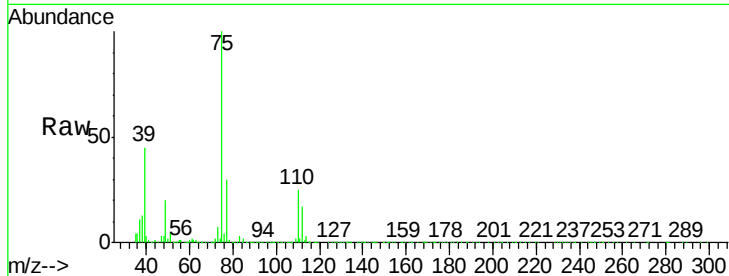
77 29.8 25.5 38.3

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 18.874 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX014950.D

Acq: 18 Feb 2020 11:38

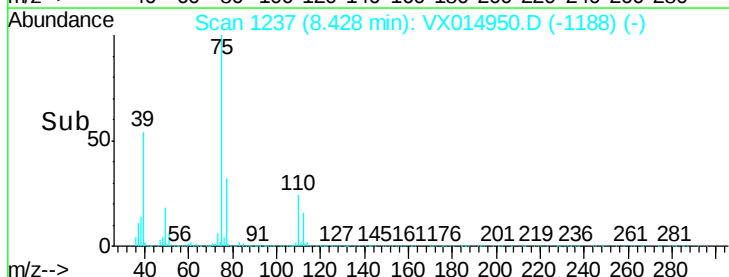
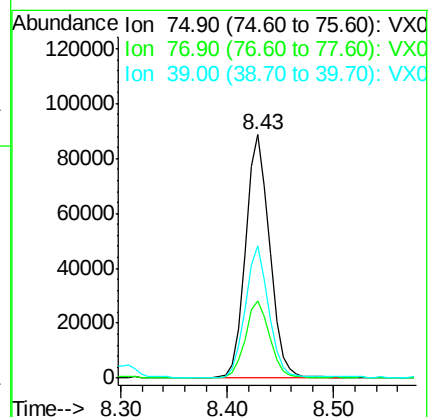
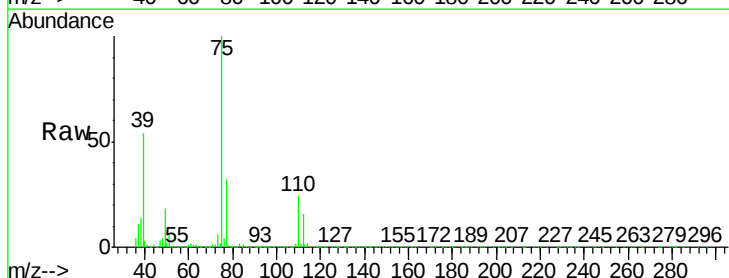
Tgt Ion: 75 Resp: 141513

Ion Ratio Lower Upper

75 100

77 31.8 24.6 37.0

39 54.0 40.9 61.3





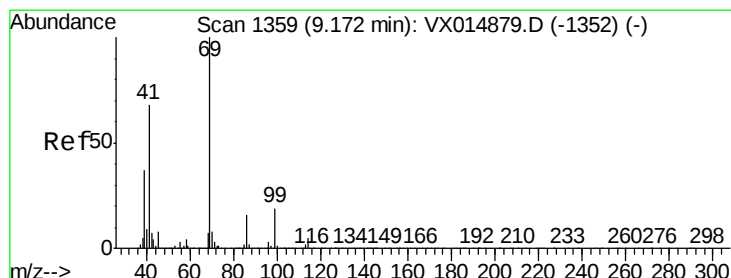
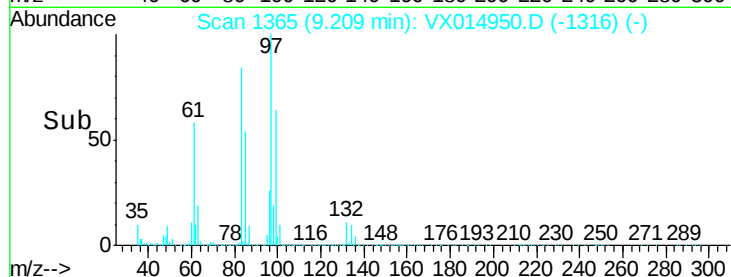
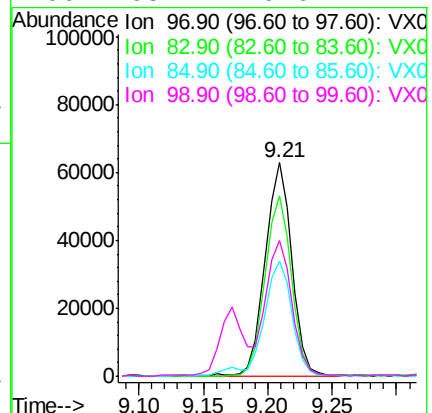
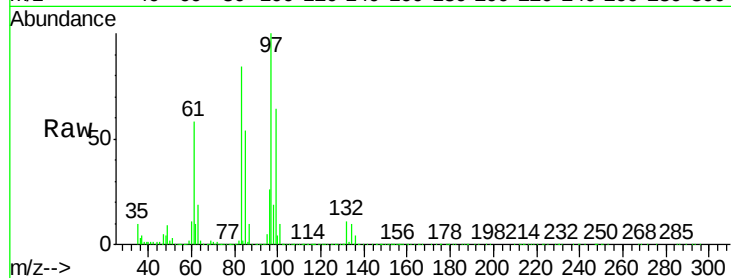
#55
1,1,2-Trichloroethane
Concen: 19.411 ug/l
RT: 9.21 min Scan# 1365
Delta R.T. -0.00 min
Lab File: VX014950.D
Acq: 18 Feb 2020 11:38

Instrument :
MSVOA_X
ClientSampleId :
VX0218WBSD01

Tot Ion	Ion	Ratio	Resp: Lower	Upper
97	100			
83	84.3	66.6	99.8	
85	53.9	43.5	65.3	
99	63.4	49.6	74.4	

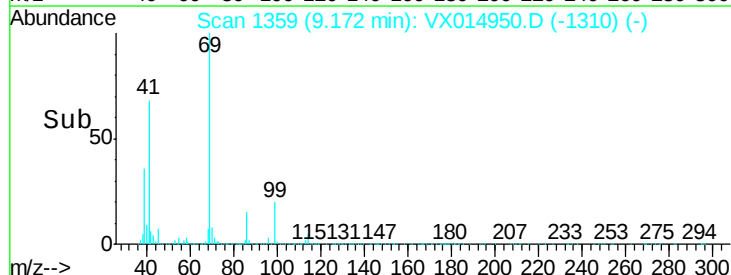
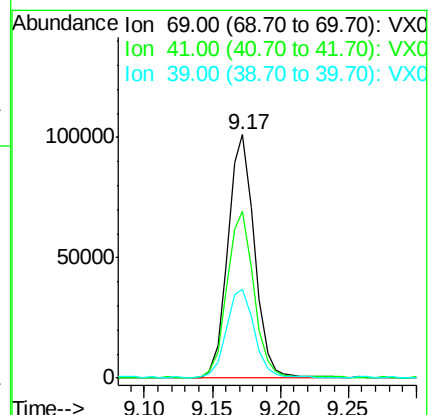
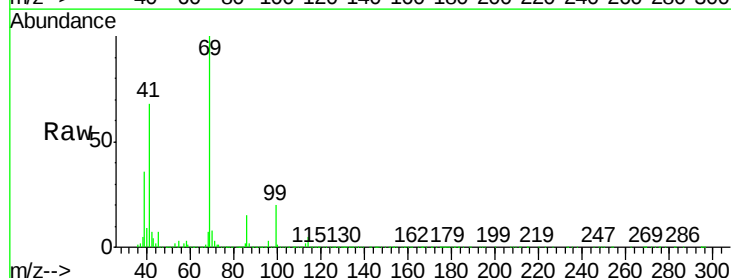
Manual Integrations
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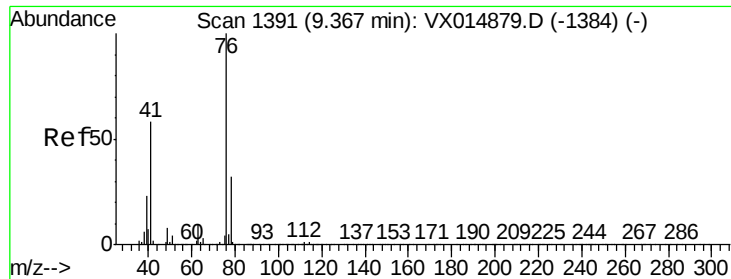
MMDadoda
2/19/2020 12:14:51 PM



#56
Ethyl methacrylate
Concen: 19.791 ug/l
RT: 9.17 min Scan# 1359
Delta R.T. -0.00 min
Lab File: VX014950.D
Acq: 18 Feb 2020 11:38

Tgt Ion	Ion	Ratio	Resp: Lower	Upper
69	100			
41	70.7	54.8	82.2	
39	37.8	29.9	44.9	





#57

1,3-Dichloropropane

Concen: 19.641 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014950.D

Acq: 18 Feb 2020 11:38

Instrument :

MSVOA_X

ClientSampleId :

VX0218WBSD01

Tot Ion: 76 Resp: 152219

Ion Ratio Lower Upper

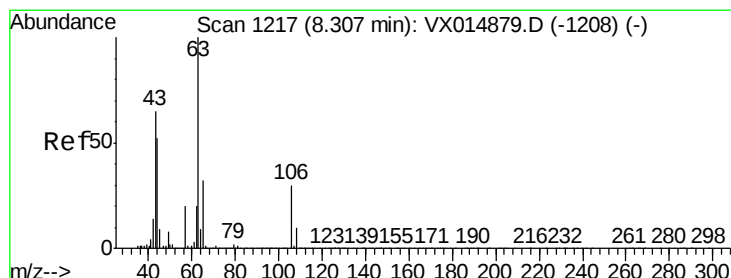
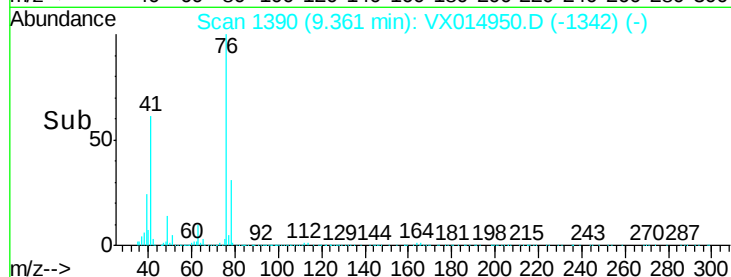
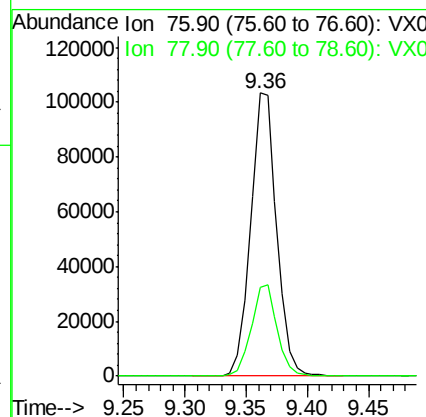
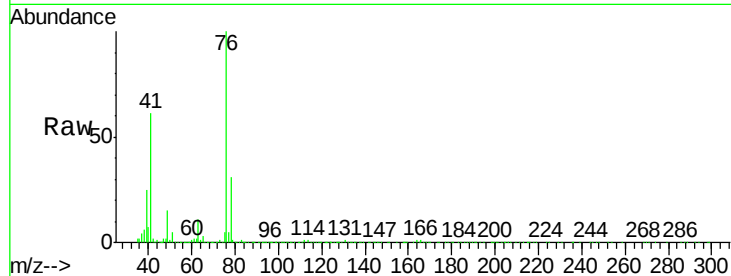
76 100

78 31.9 25.8 38.8

Manual Integrations
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2/19/2020 12:14:51 PM



#58

2-Chloroethyl Vinyl ether

Concen: 93.431 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014950.D

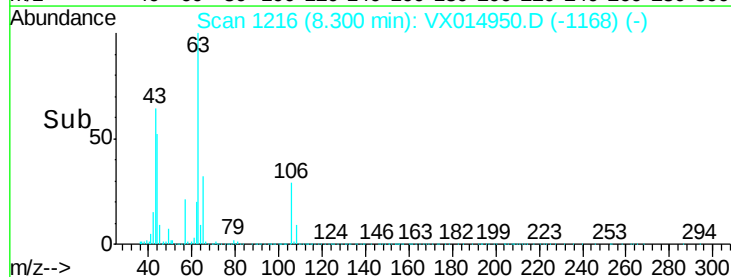
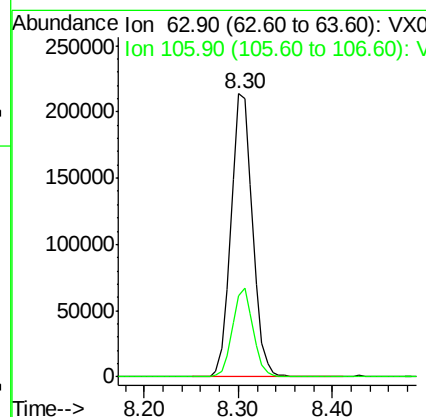
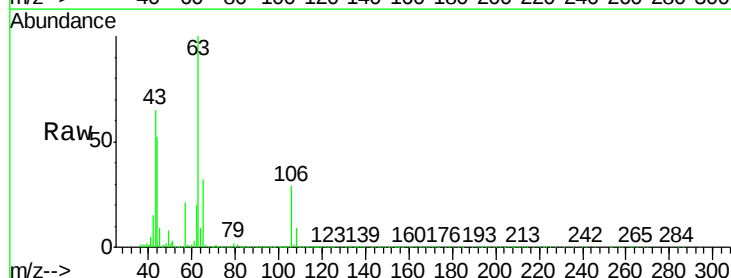
Acq: 18 Feb 2020 11:38

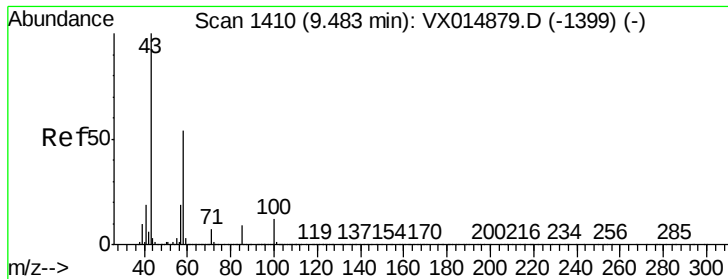
Tgt Ion: 63 Resp: 338133

Ion Ratio Lower Upper

63 100

106 29.9 23.8 35.8





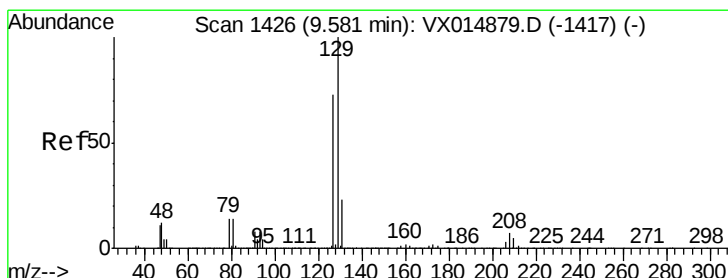
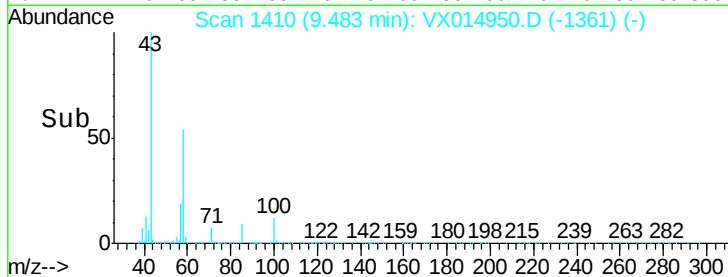
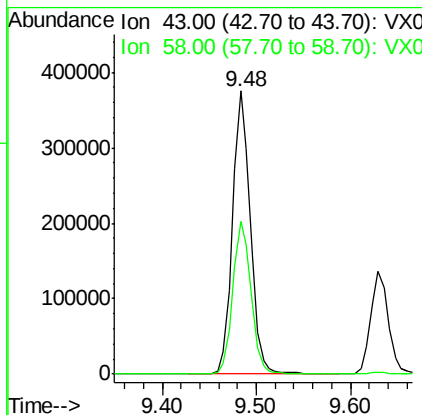
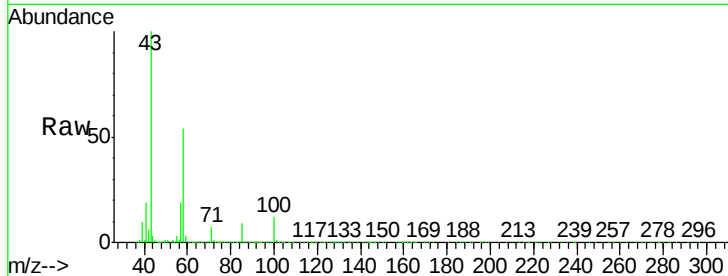
#59
2-Hexanone
Concen: 100.498 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX014950.D
Acq: 18 Feb 2020 11:38

Instrument :
MSVOA_X
ClientSampleId :
VX0218WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	55.3	27.5	82.5

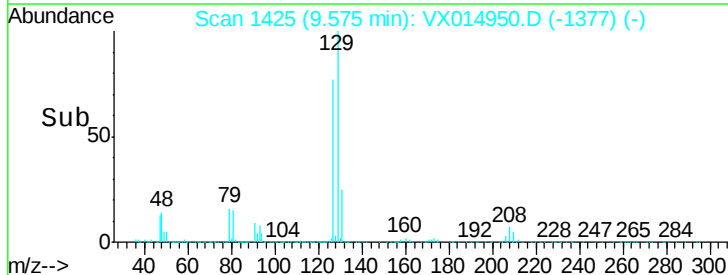
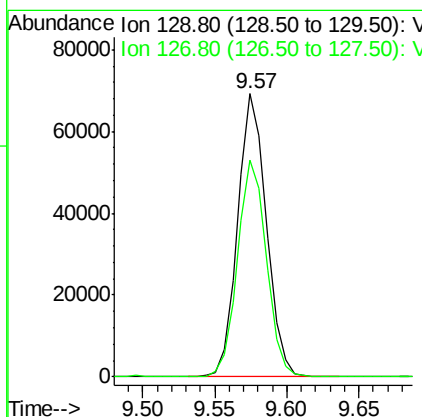
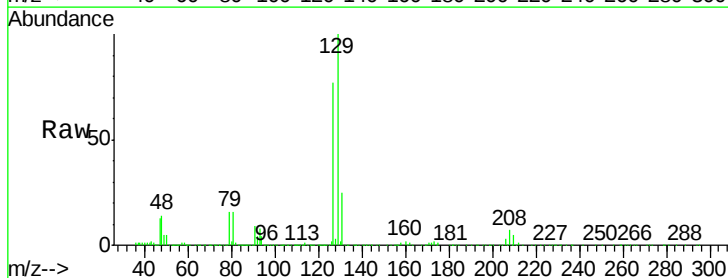
Manual Integrations
APPROVED

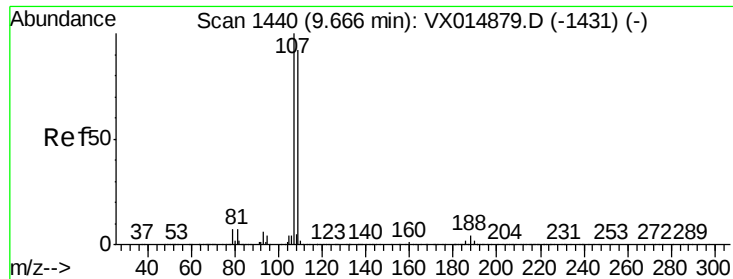
MMDadoda
2/19/2020 12:14:51 PM



#60
Dibromochloromethane
Concen: 19.408 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014950.D
Acq: 18 Feb 2020 11:38

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.0	37.8	113.3





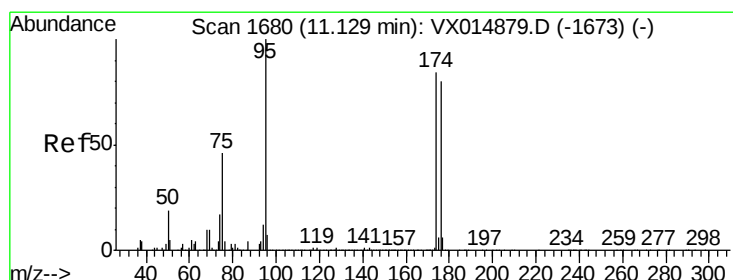
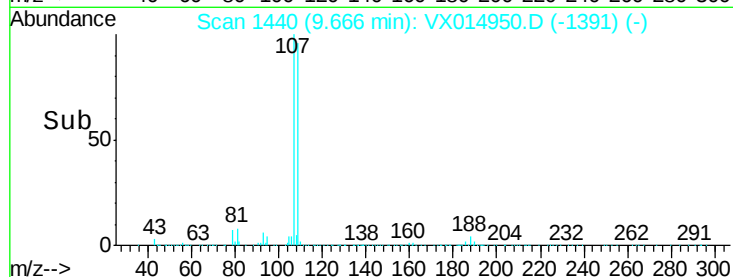
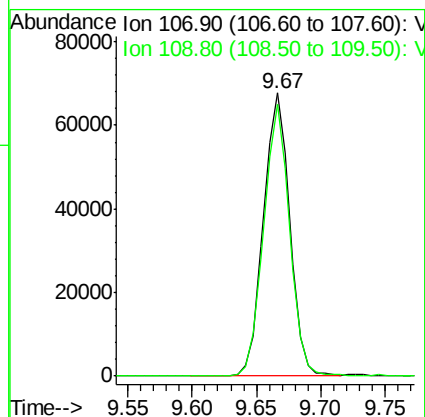
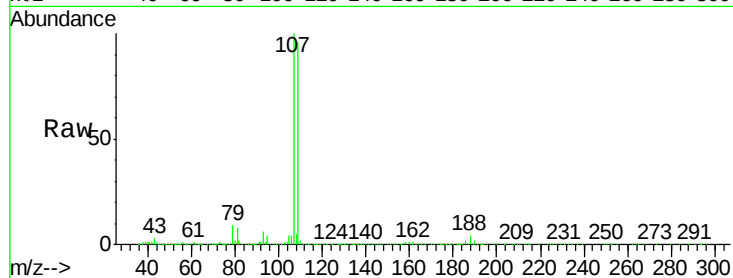
#61
 1,2-Dibromoethane
 Concen: 19.323 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VX014950.D
 Acq: 18 Feb 2020 11:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0218WBSD01

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.0	75.6	113.4

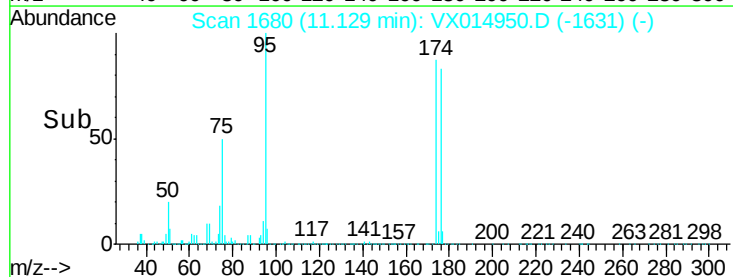
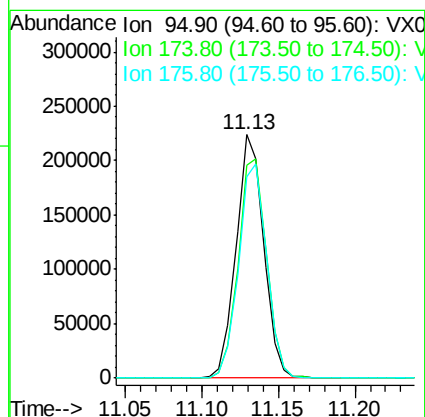
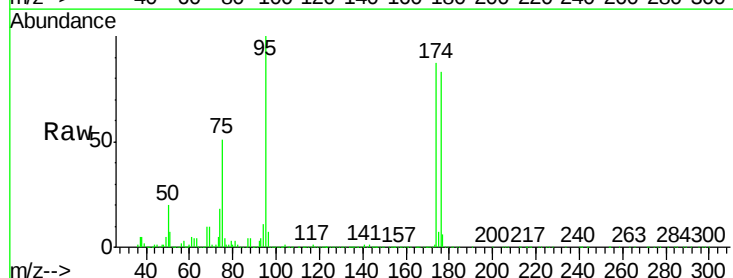
Manual Integrations
 APPROVED

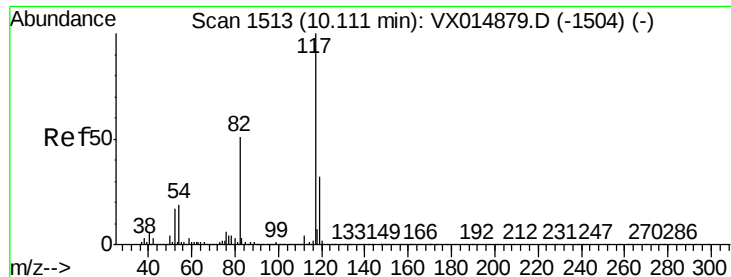
MMDadoda
 2/19/2020 12:14:51 PM



#62
 4-Bromofluorobenzene
 Concen: 49.491 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. -0.00 min
 Lab File: VX014950.D
 Acq: 18 Feb 2020 11:38

Tgt Ion	Ratio	Lower	Upper
95	100		
174	92.7	0.0	183.0
176	89.0	0.0	178.0





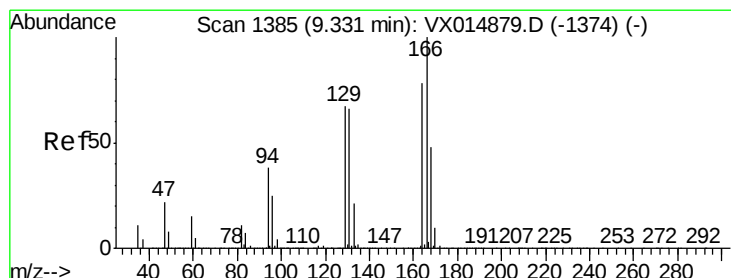
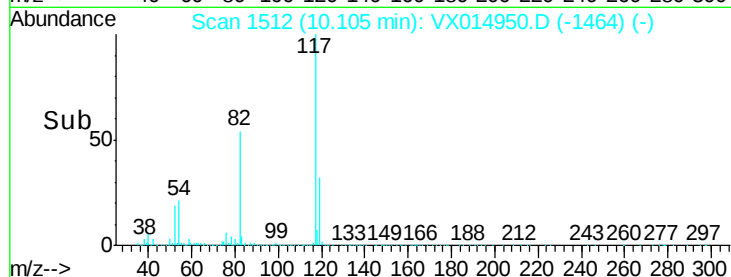
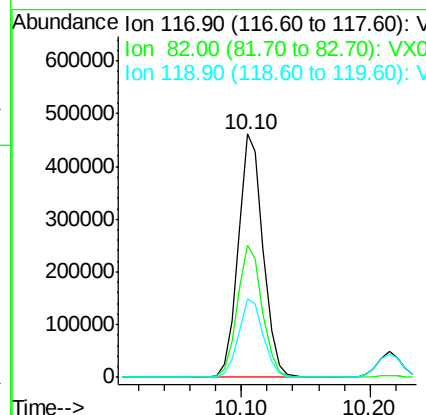
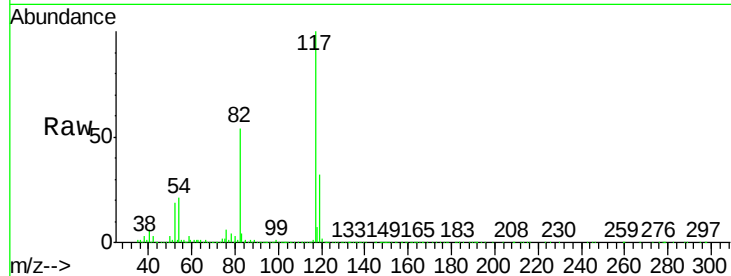
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014950.D
Acq: 18 Feb 2020 11:38

Instrument :
MSVOA_X
ClientSampleId :
VX0218WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.2	40.5	60.7
119	32.3	25.8	38.6

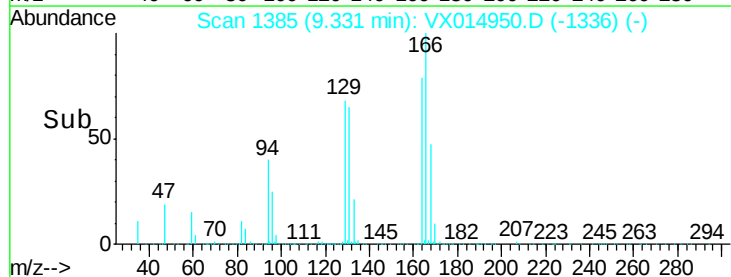
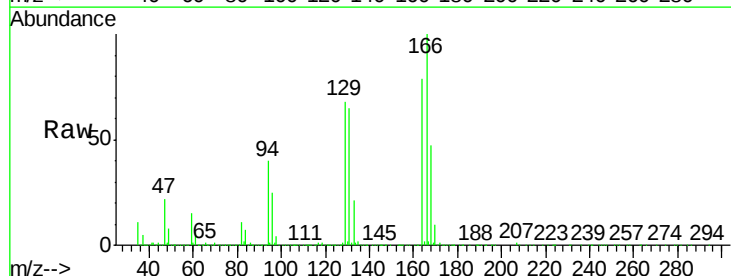
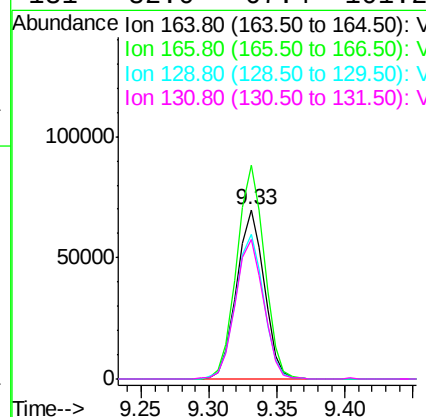
Manual Integrations
APPROVED

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#64
Tetrachloroethene
Concen: 17.199 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX014950.D
Acq: 18 Feb 2020 11:38

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.0	102.6	153.8
129	85.9	68.3	102.5
131	82.0	67.4	101.2





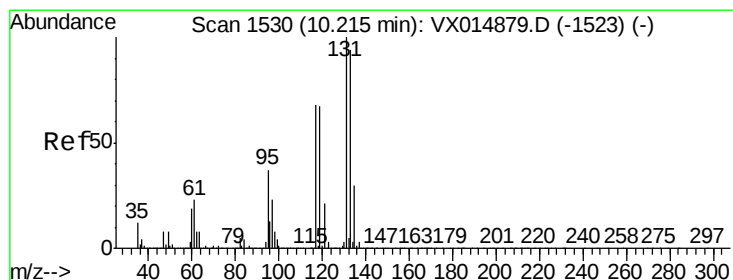
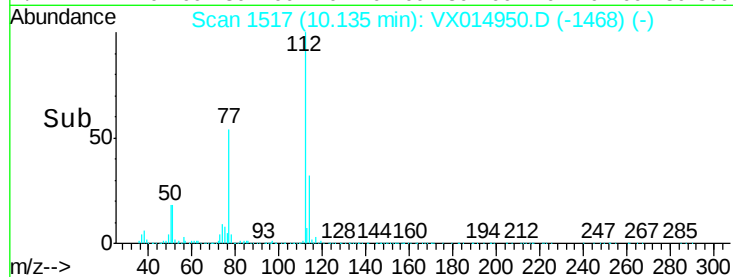
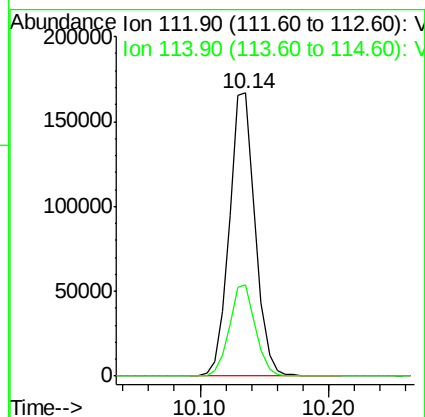
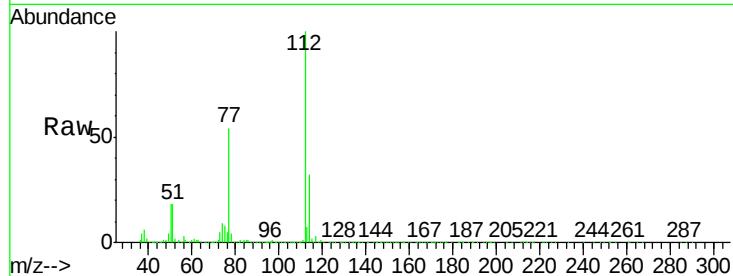
#65
Chlorobenzene
Concen: 18.847 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX014950.D
Acq: 18 Feb 2020 11:38

Instrument :
MSVOA_X
ClientSampleId :
VX0218WBSD01

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.4	25.6	38.4

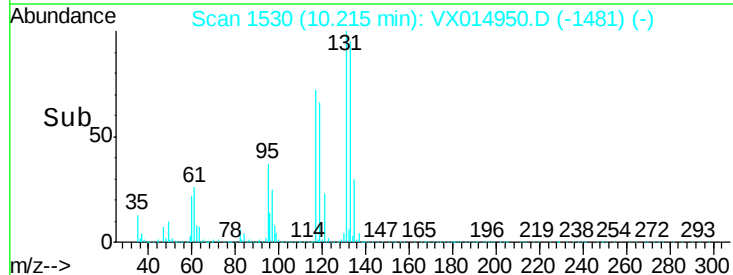
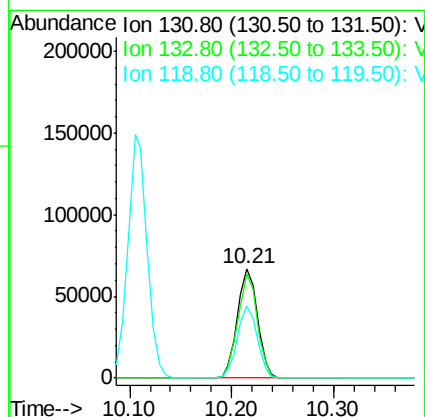
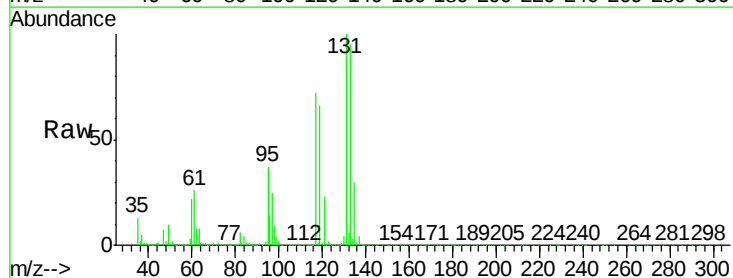
Manual Integrations
APPROVED

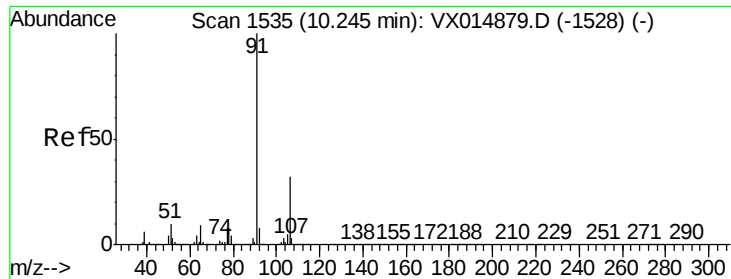
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.044 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX014950.D
Acq: 18 Feb 2020 11:38

Tgt Ion	Ratio	Lower	Upper
131	100		
133	92.6	48.1	144.4
119	64.9	33.0	99.0





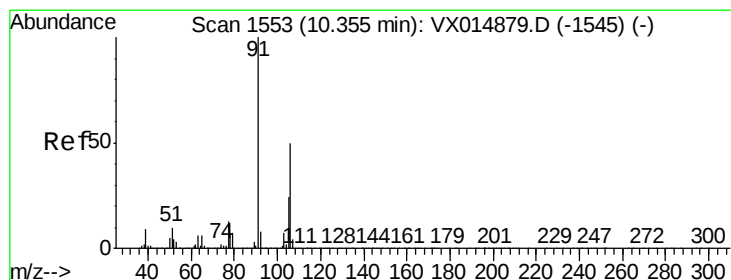
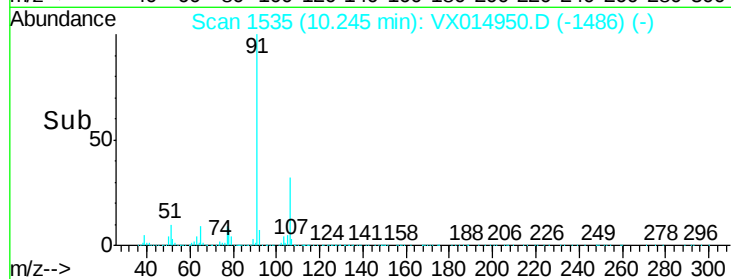
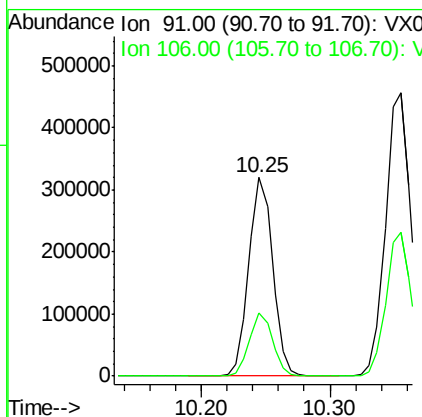
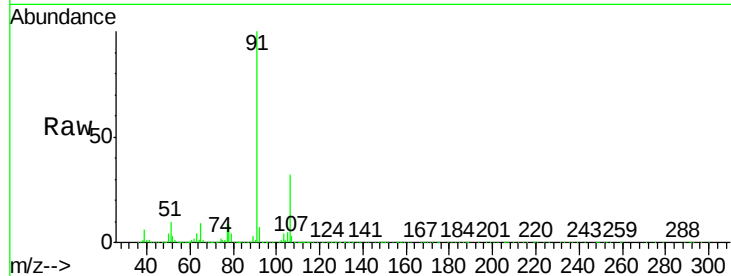
#67
Ethyl Benzene
Concen: 19.328 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX014950.D
Acq: 18 Feb 2020 11:38

Instrument :
MSVOA_X
ClientSampleId :
VX0218WBSD01

Tot Ion: 91 Resp: 410314
Ion Ratio Lower Upper
91 100
106 32.0 25.3 37.9

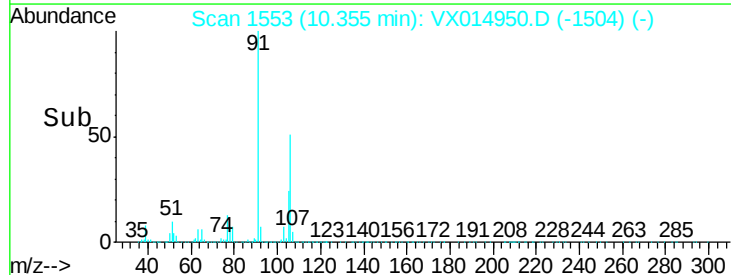
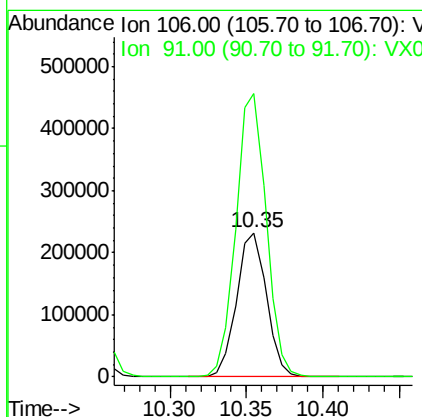
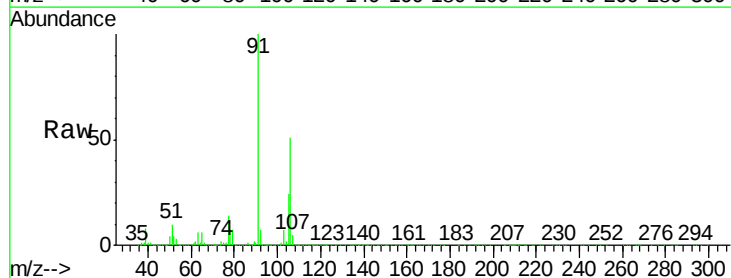
Manual Integrations
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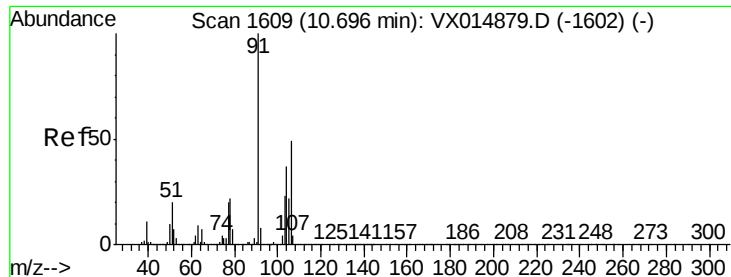
MMDadoda
2/19/2020 12:14:51 PM



#68
m/p-Xylenes
Concen: 38.428 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX014950.D
Acq: 18 Feb 2020 11:38

Tgt Ion: 106 Resp: 314270
Ion Ratio Lower Upper
106 100
91 199.5 160.6 240.8





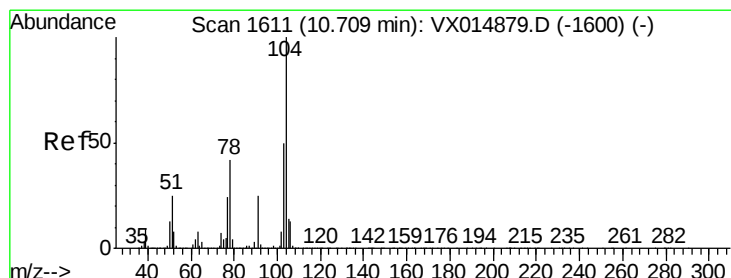
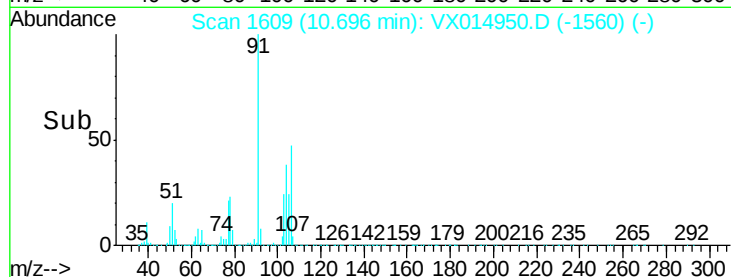
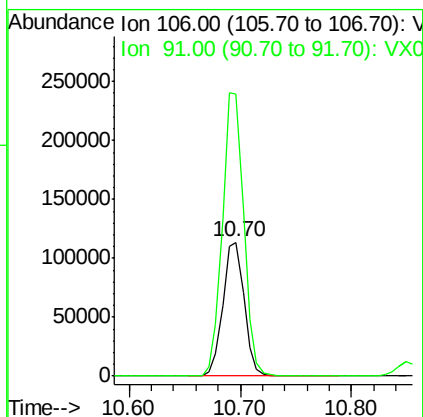
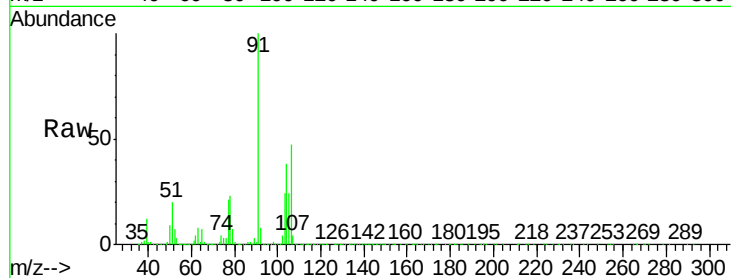
#69
o-Xylene
Concen: 19.145 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX014950.D
Acq: 18 Feb 2020 11:38

Instrument :
MSVOA_X
ClientSampleId :
VX0218WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
106	100	150505		
91	211.9	105.1	315.3	

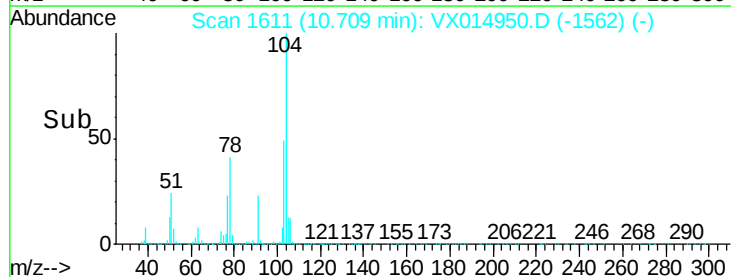
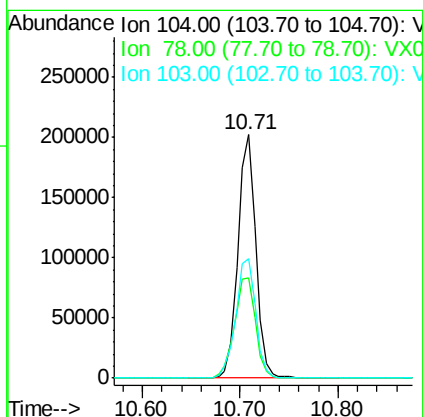
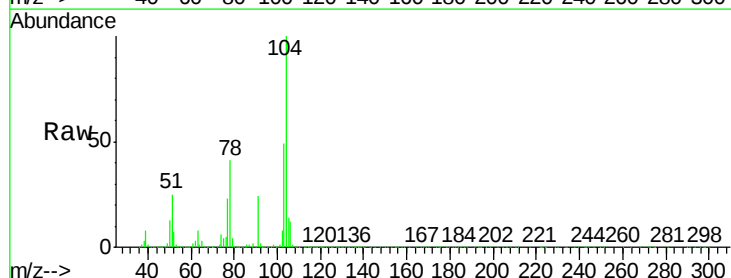
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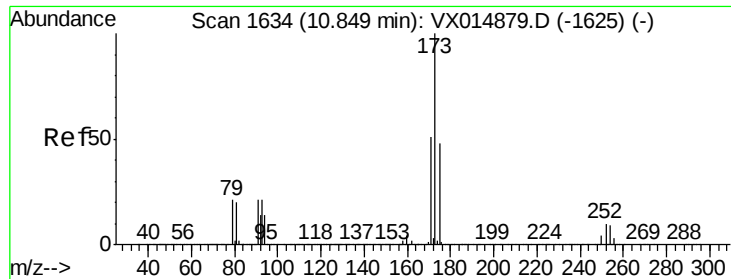
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#70
Styrene
Concen: 19.286 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX014950.D
Acq: 18 Feb 2020 11:38

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	256493		
78	48.8	39.0	58.4	
103	54.8	43.4	65.0	





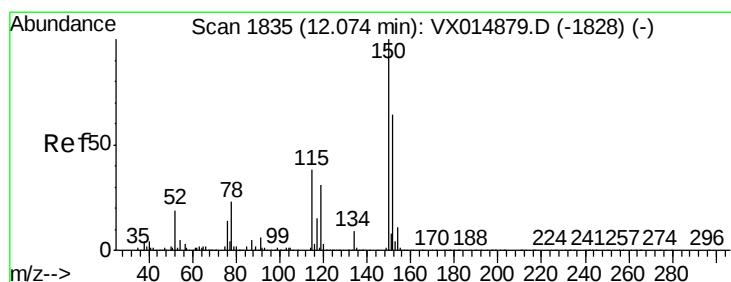
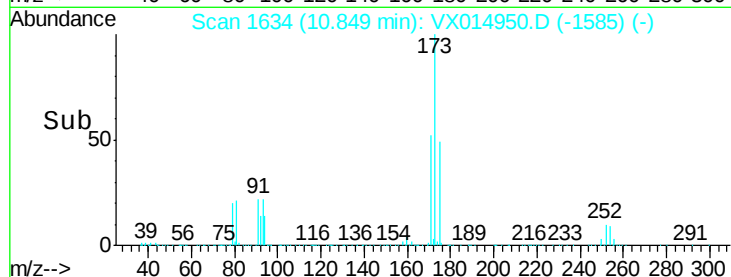
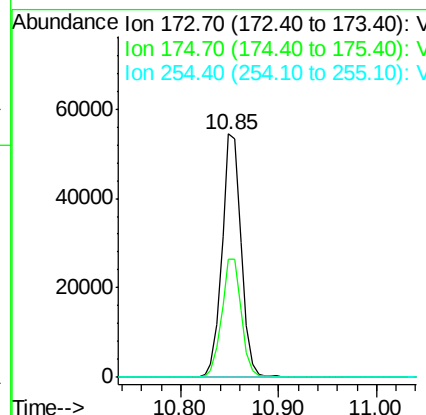
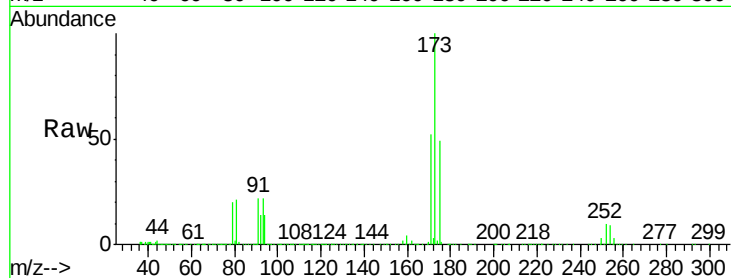
#71
Bromoform
Concen: 19.587 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VX014950.D
Acq: 18 Feb 2020 11:38

Instrument :
MSVOA_X
ClientSampleId :
VX0218WBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	50.2	24.2	72.6
254	0.3	0.2	0.2#

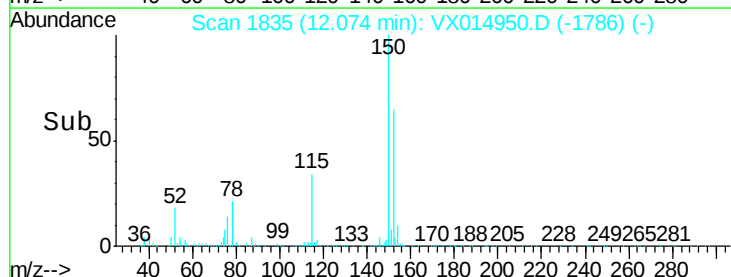
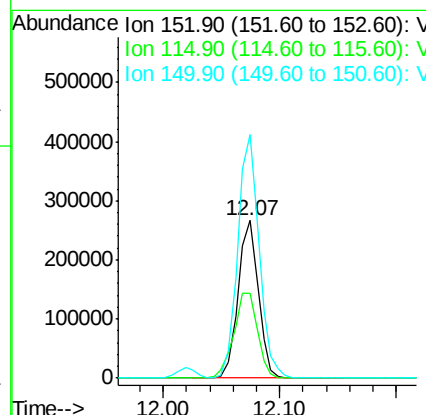
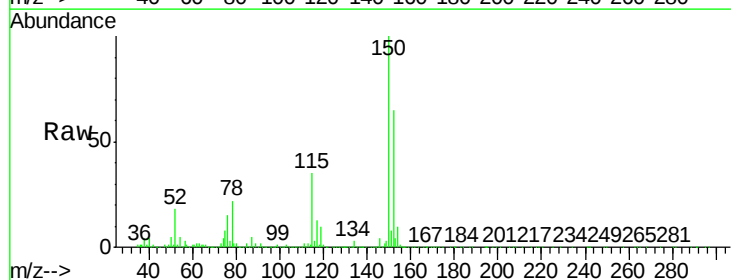
Manual Integrations
APPROVED

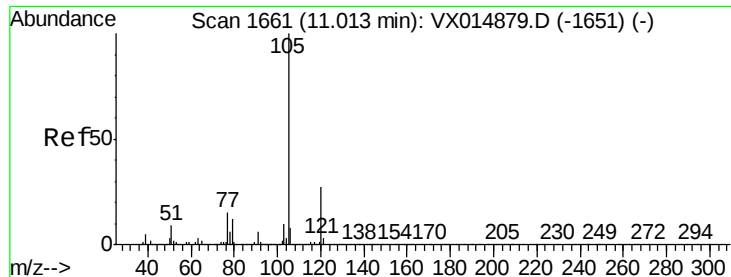
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX014950.D
Acq: 18 Feb 2020 11:38

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.5	38.6	116.0
150	162.6	0.0	349.0





#73

Isopropylbenzene

Concen: 19.927 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX014950.D

Acq: 18 Feb 2020 11:38

Instrument :

MSVOA_X

ClientSampleId :

VX0218WBSD01

Tot Ion:105 Resp: 405267

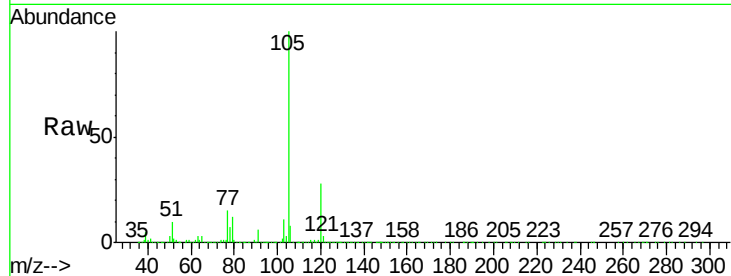
Ion Ratio Lower Upper

105 100

120 27.4 13.6 40.8

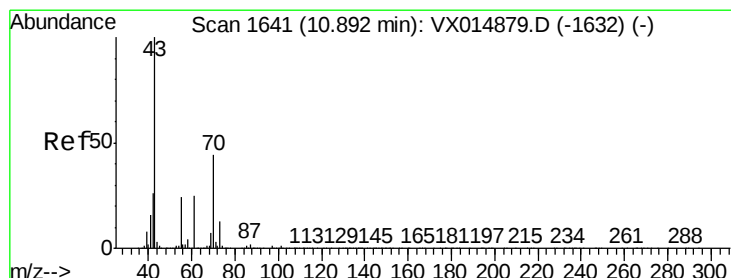
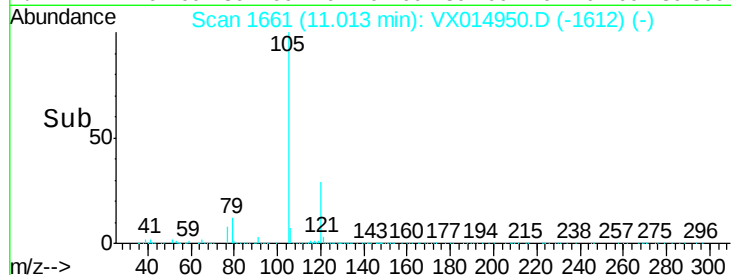
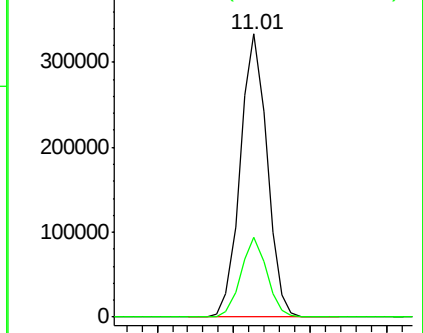
Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.021 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX014950.D

Acq: 18 Feb 2020 11:38

Tgt Ion: 43 Resp: 169185

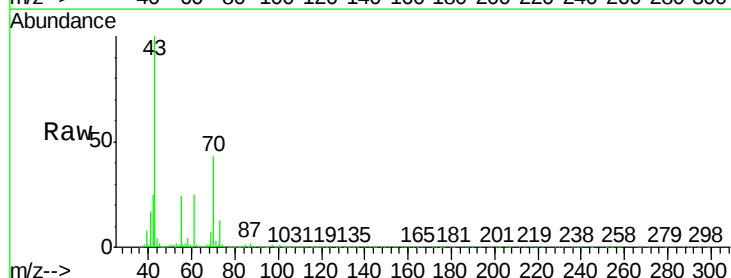
Ion Ratio Lower Upper

43 100

70 43.6 35.0 52.4

55 24.5 19.4 29.2

61 24.2 19.8 29.6

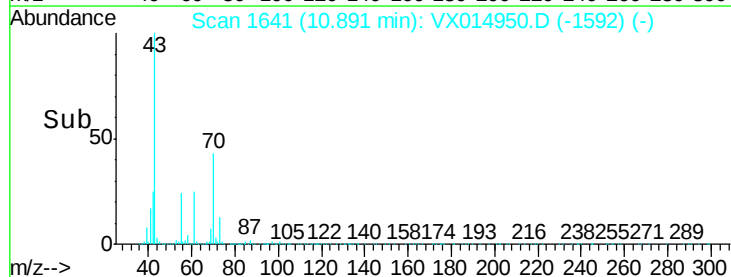
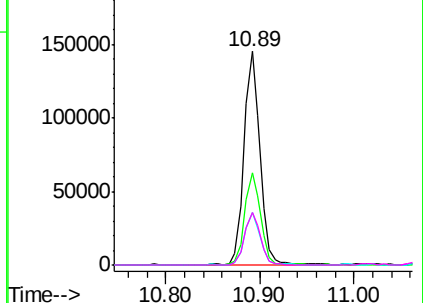


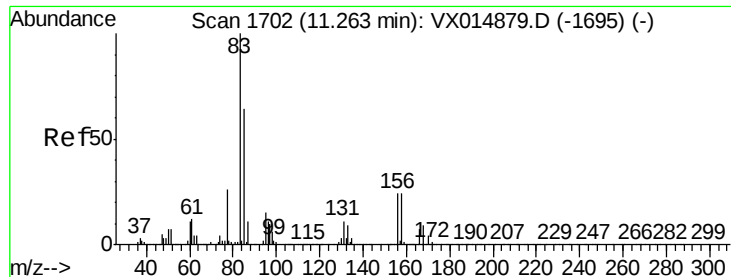
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.003 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX014950.D

Acq: 18 Feb 2020 11:38

Instrument :

MSVOA_X

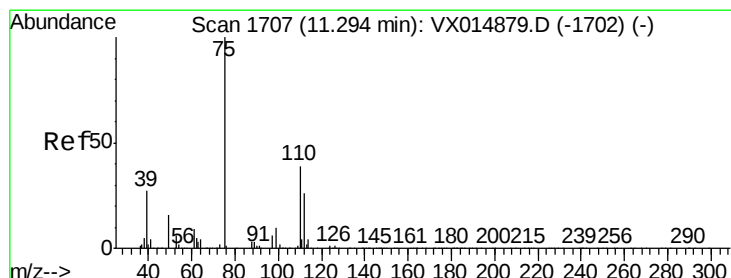
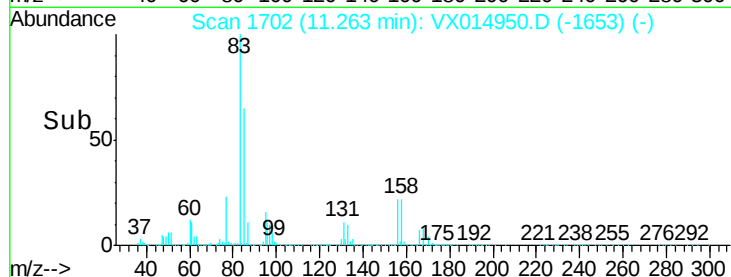
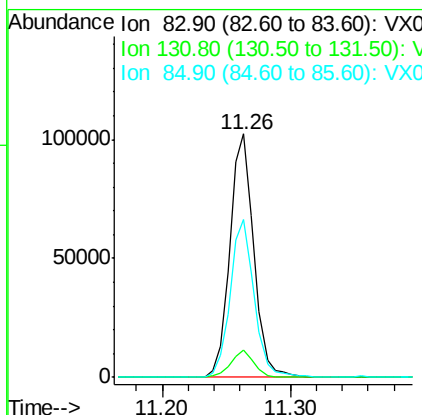
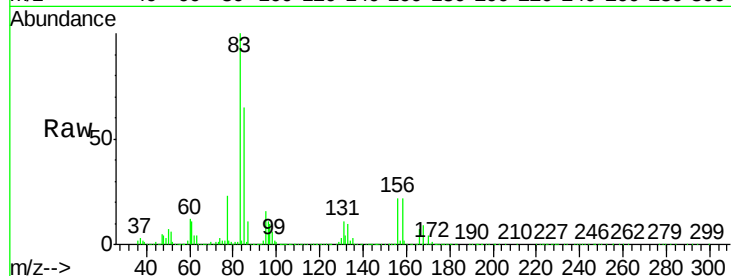
ClientSampleId :

VX0218WBSD01

Tot Ion:	83	Resp:	132987
Ion Ratio	Lower	Upper	
83	100		
131	11.0	5.3	16.1
85	64.8	32.6	97.7

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 22.577 ug/l m

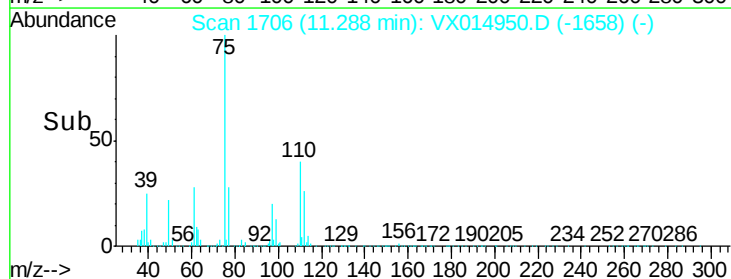
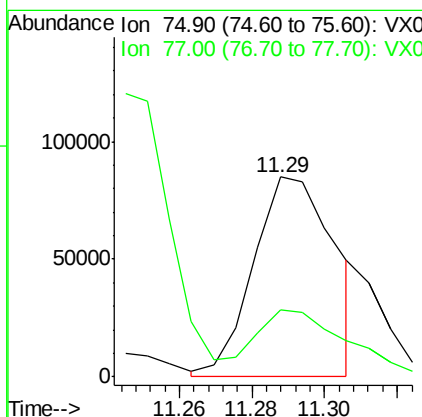
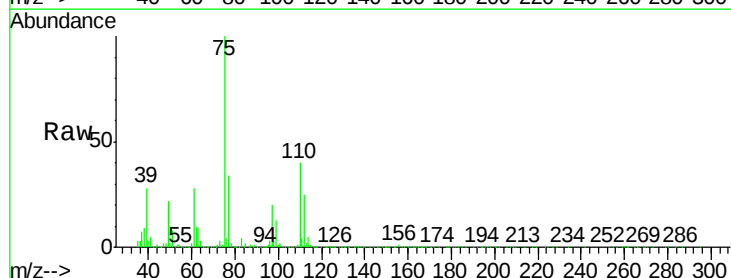
RT: 11.29 min Scan# 1706

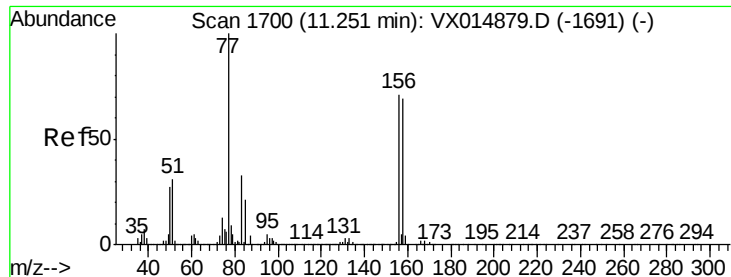
Delta R.T. -0.01 min

Lab File: VX014950.D

Acq: 18 Feb 2020 11:38

Tgt Ion:	75	Resp:	132402
Ion Ratio	Lower	Upper	
75	100		
77	38.5	18.4	55.0





#77

Bromobenzene

Concen: 19.507 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX014950.D

Acq: 18 Feb 2020 11:38

Instrument :

MSVOA_X

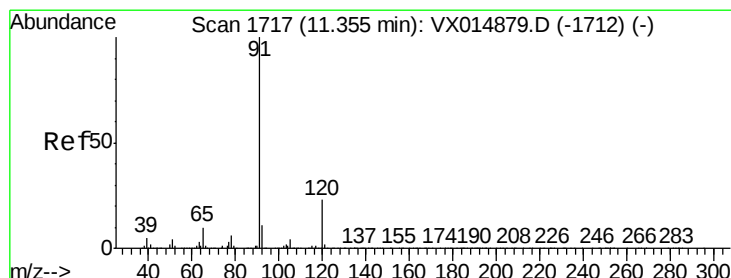
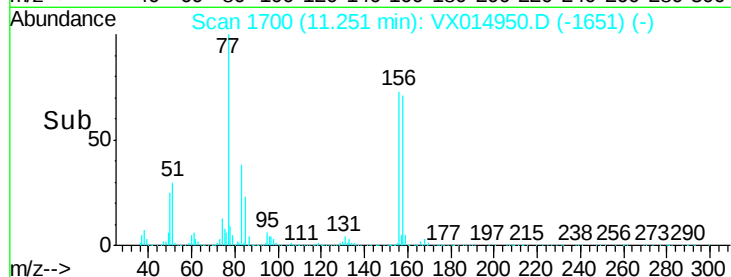
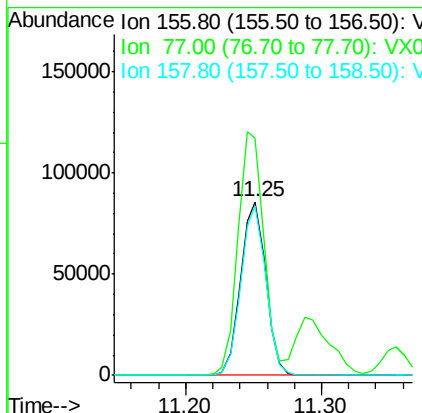
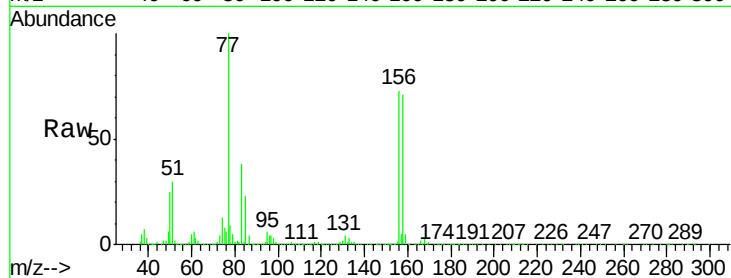
ClientSampleId :

VX0218WBSD01

Tot Ion:	156	Resp:	110732
Ion Ratio	Lower	Upper	
156	100		
77	143.2	74.0	222.0
158	96.9	48.9	146.6

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#78

n-propylbenzene

Concen: 19.755 ug/l

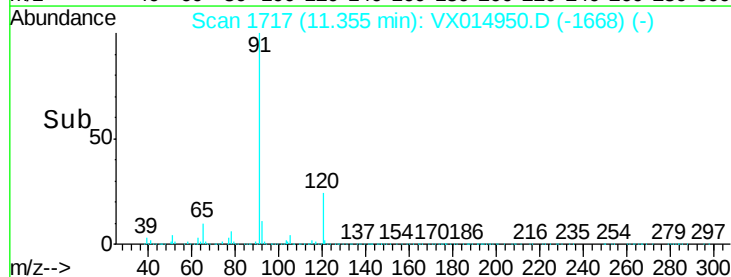
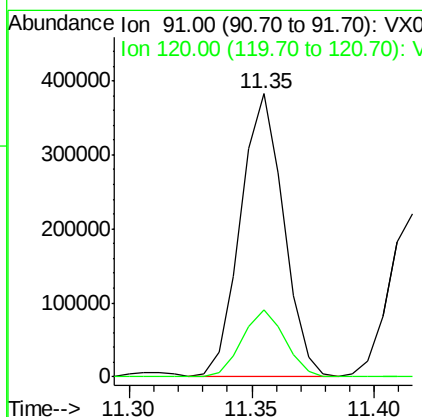
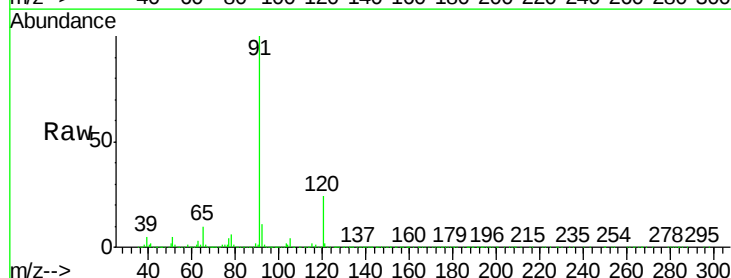
RT: 11.35 min Scan# 1717

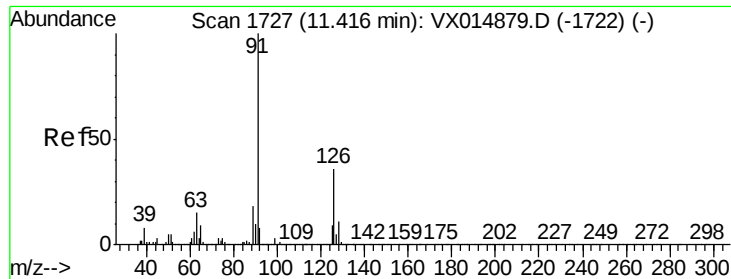
Delta R.T. -0.00 min

Lab File: VX014950.D

Acq: 18 Feb 2020 11:38

Tgt Ion:	91	Resp:	464697
Ion Ratio	Lower	Upper	
91	100		
120	23.7	11.8	35.4





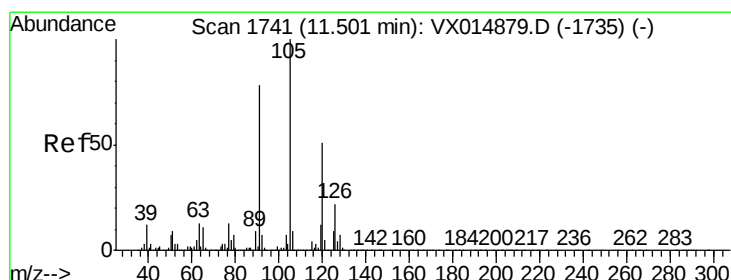
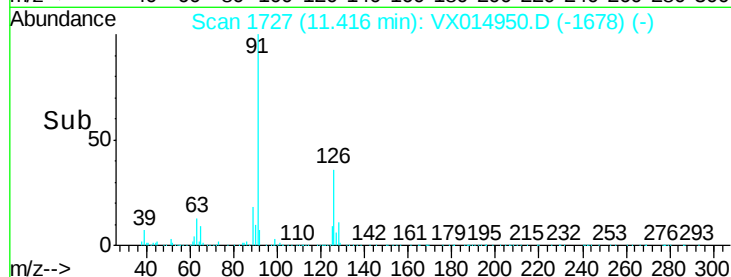
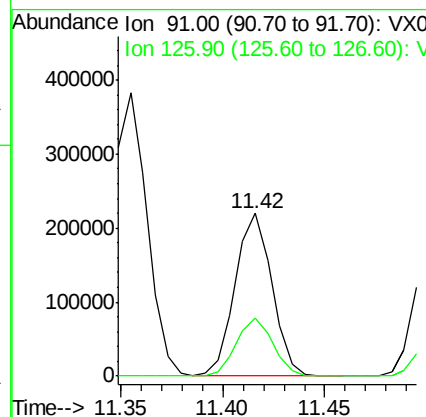
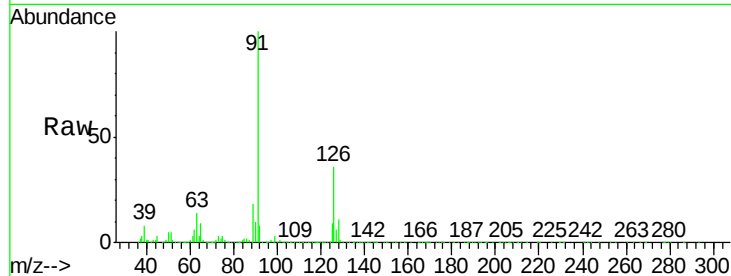
#79
 2-Chlorotoluene
 Concen: 19.780 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX014950.D
 Acq: 18 Feb 2020 11:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0218WBSD01

Tot Ion: 91 Resp: 273539
 Ion Ratio Lower Upper
 91 100
 126 35.4 18.0 54.0

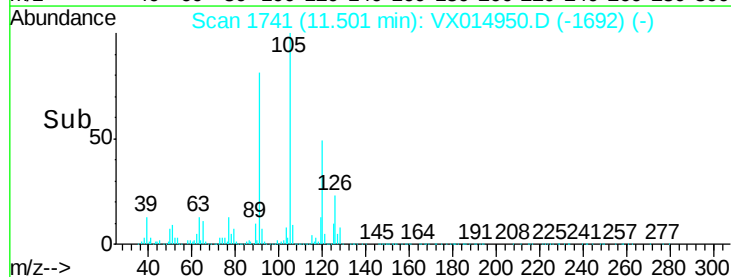
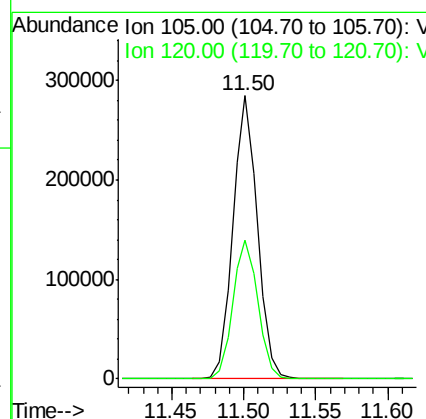
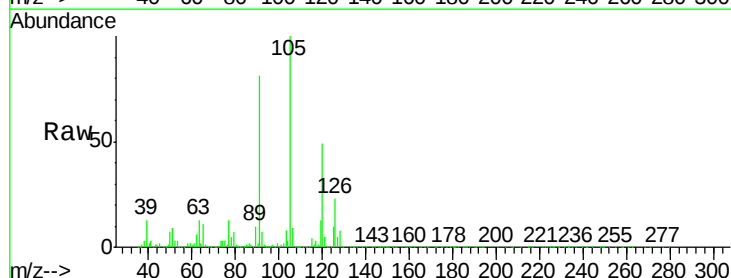
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#80
 1,3,5-Trimethylbenzene
 Concen: 19.940 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX014950.D
 Acq: 18 Feb 2020 11:38

Tgt Ion: 105 Resp: 338852
 Ion Ratio Lower Upper
 105 100
 120 50.4 25.6 76.6





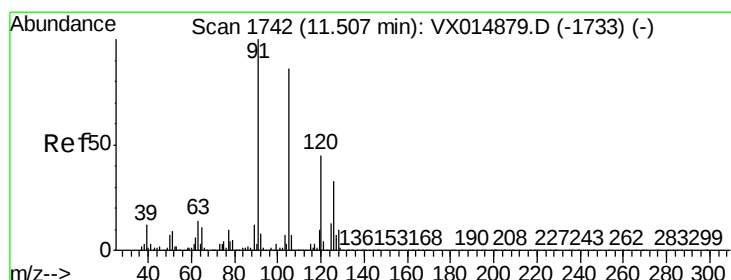
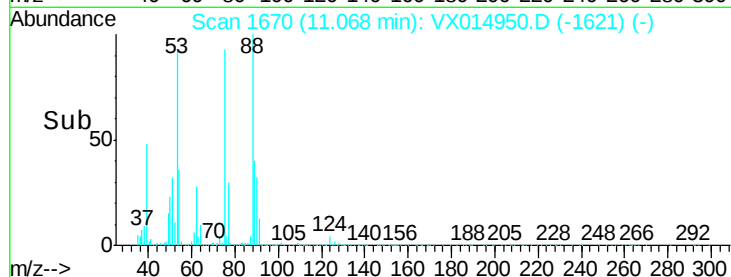
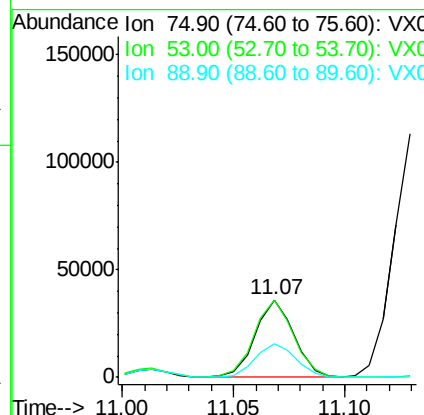
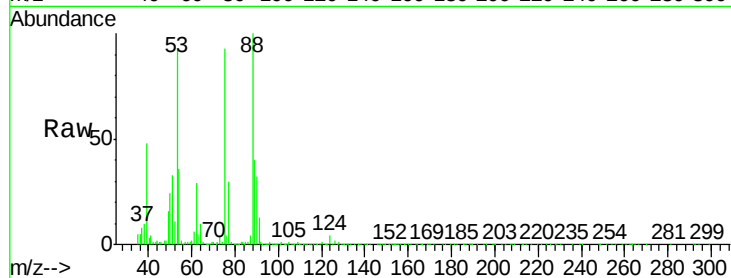
#81
trans-1,4-Dichloro-2-butene
Concen: 18.714 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX014950.D
Acq: 18 Feb 2020 11:38

Instrument :
MSVOA_X
ClientSampleId :
VX0218WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	103.1	76.2	114.2
89	47.7	35.8	53.6

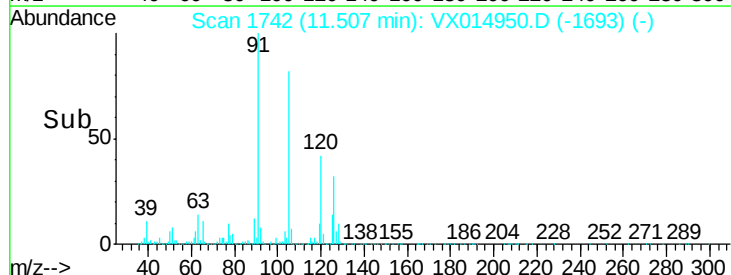
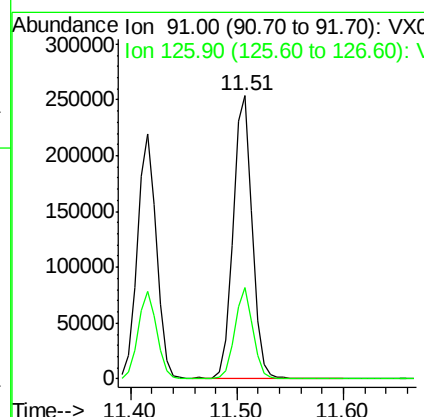
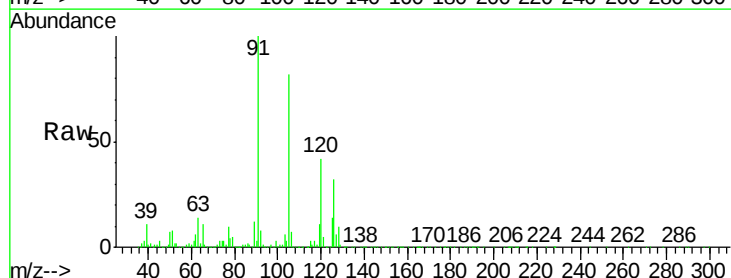
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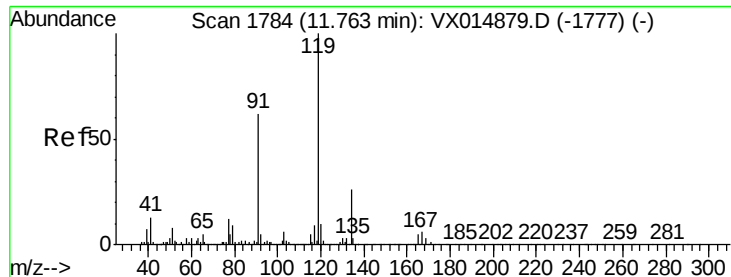
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#82
4-Chlorotoluene
Concen: 19.410 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX014950.D
Acq: 18 Feb 2020 11:38

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.5	15.7	47.0





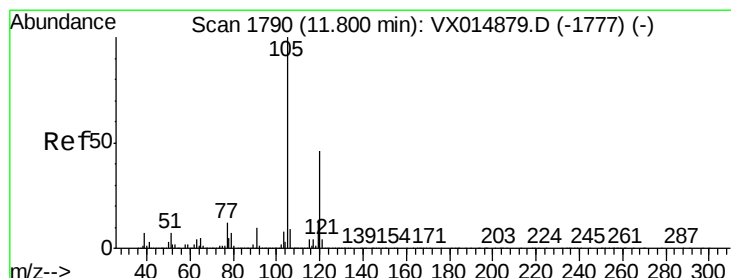
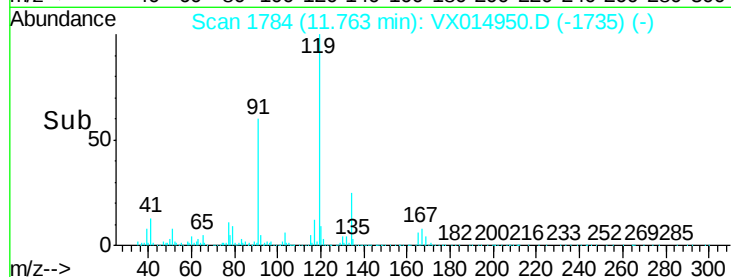
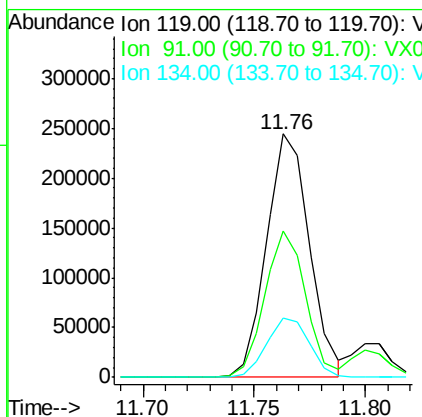
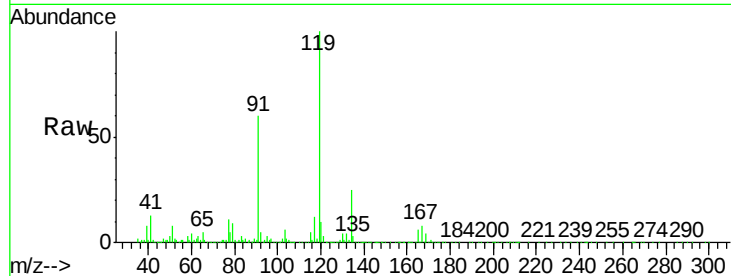
#83
tert-Butylbenzene
Concen: 20.278 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX014950.D
Acq: 18 Feb 2020 11:38

Instrument :
MSVOA_X
ClientSampleId :
VX0218WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	326319		
91	57.4	29.5	88.6	
134	24.5	12.6	37.6	

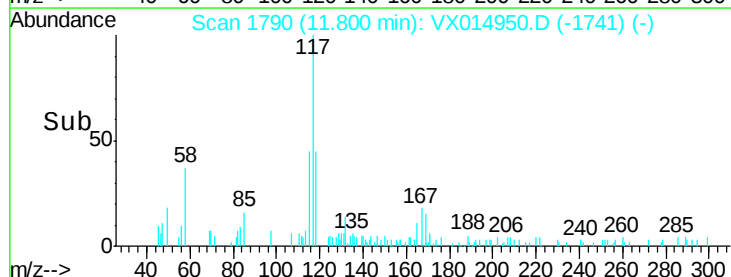
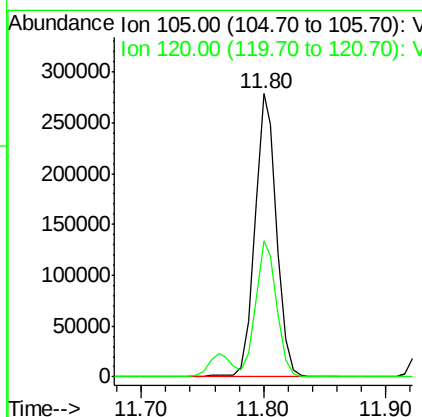
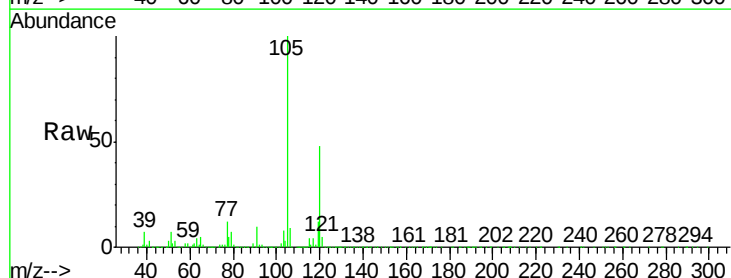
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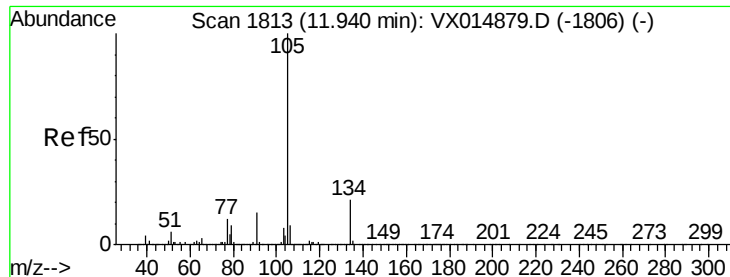
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#84
1,2,4-Trimethylbenzene
Concen: 19.980 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VX014950.D
Acq: 18 Feb 2020 11:38

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	342158		
120	46.6	23.0	69.0	





#85

sec-Butylbenzene

Concen: 20.045 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX014950.D

Acq: 18 Feb 2020 11:38

Instrument :

MSVOA_X

ClientSampleId :

VX0218WBSD01

Tot Ion:105 Resp: 400722

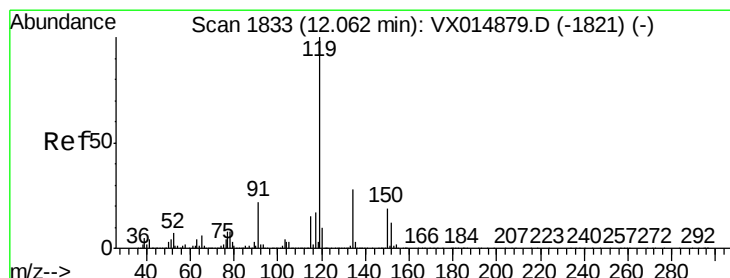
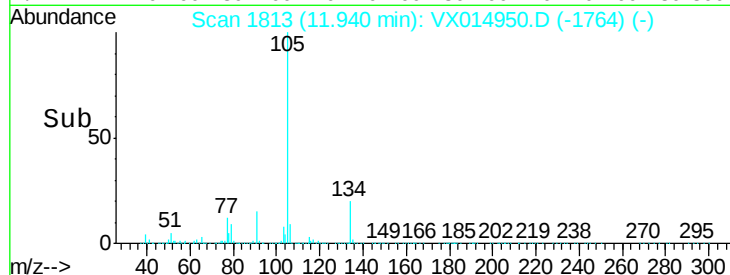
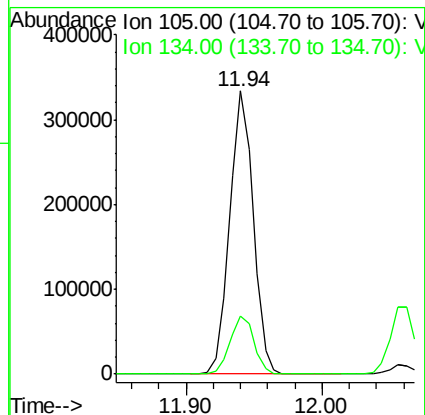
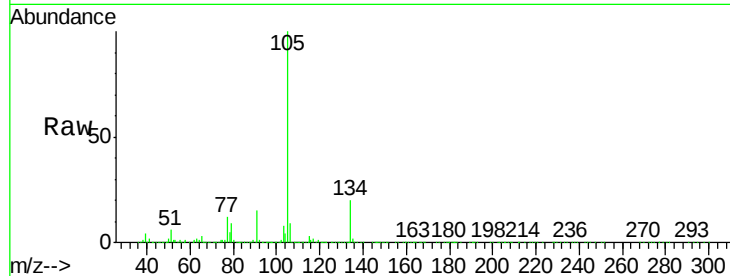
Ion Ratio Lower Upper

105 100

134 20.8 10.6 31.8

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#86

p-Isopropyltoluene

Concen: 19.941 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014950.D

Acq: 18 Feb 2020 11:38

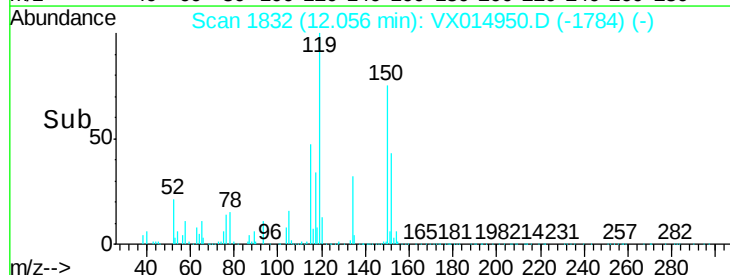
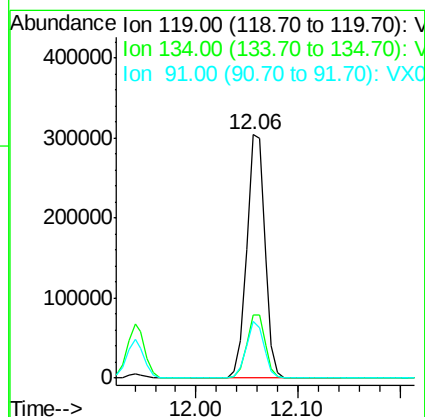
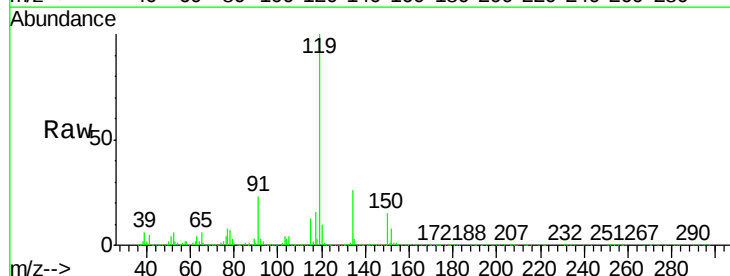
Tgt Ion:119 Resp: 373045

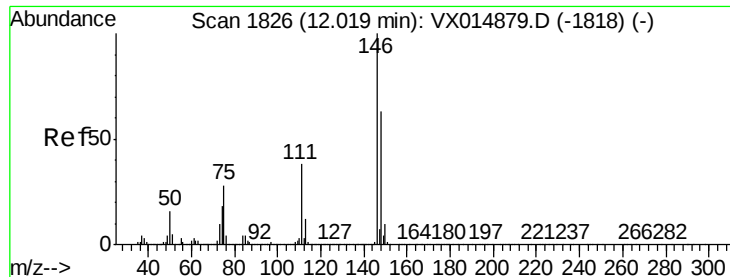
Ion Ratio Lower Upper

119 100

134 26.5 13.5 40.5

91 22.7 11.4 34.1





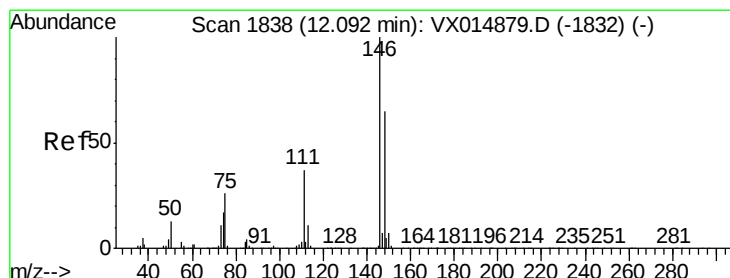
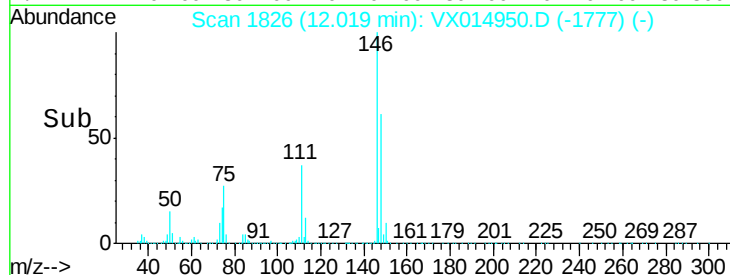
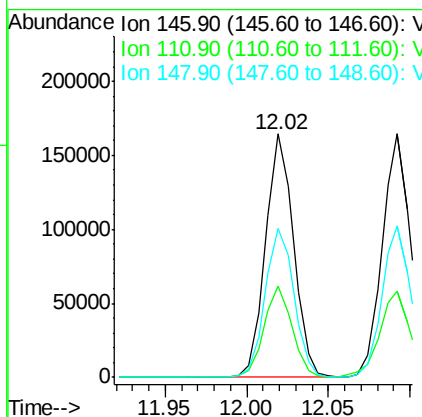
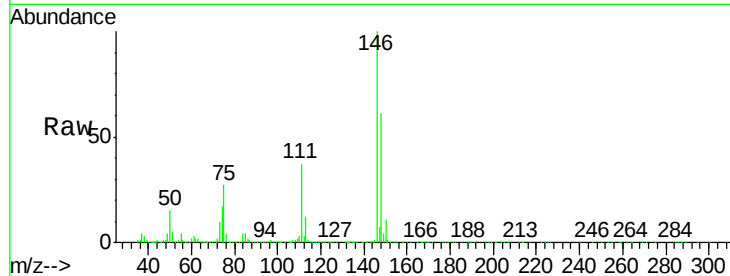
#87
 1,3-Dichlorobenzene
 Concen: 19.051 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX014950.D
 Acq: 18 Feb 2020 11:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0218WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.6	56.0
148	63.5	31.8	95.4

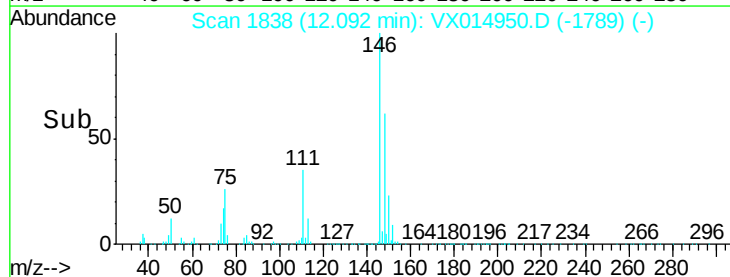
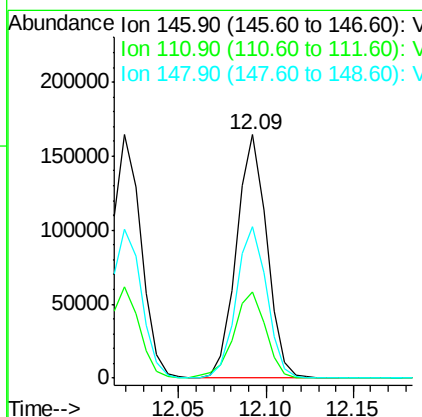
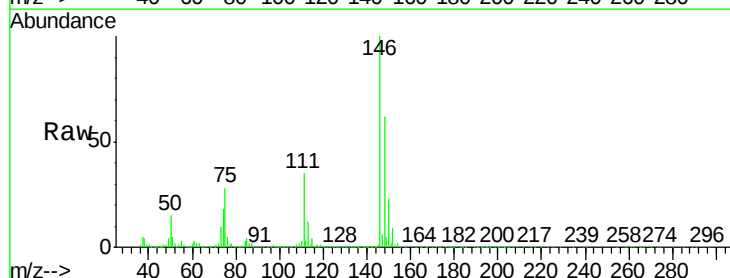
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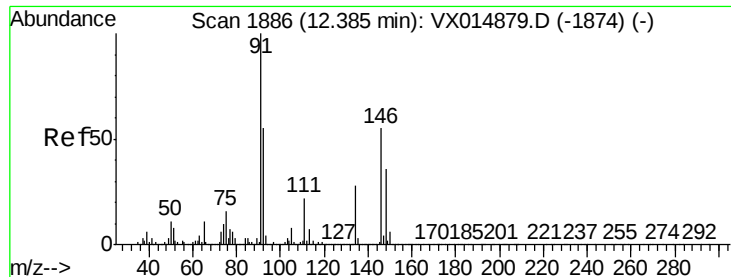
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#88
 1,4-Dichlorobenzene
 Concen: 19.042 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX014950.D
 Acq: 18 Feb 2020 11:38

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.6	55.6
148	63.3	32.4	97.0





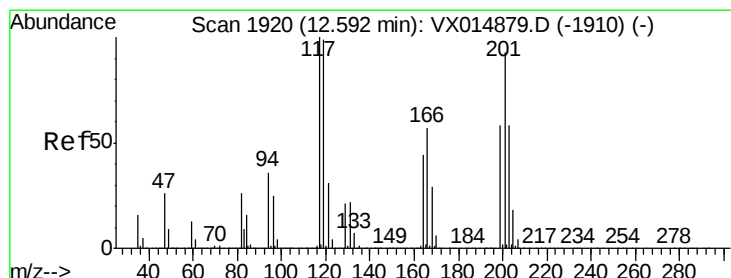
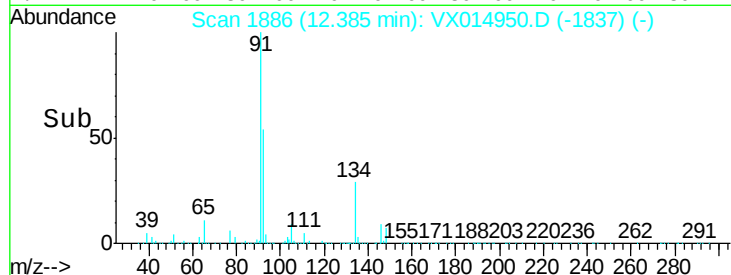
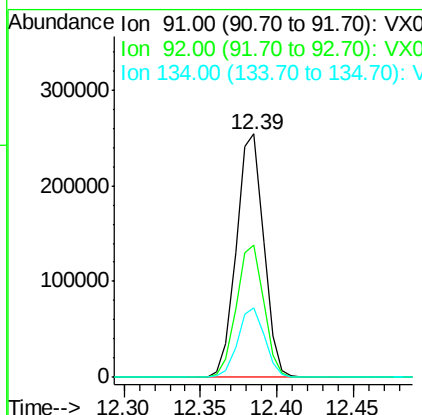
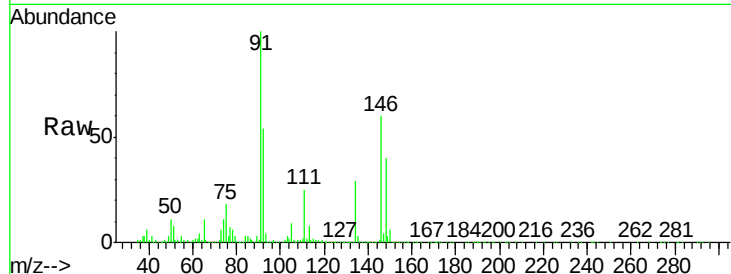
#89
n-Butylbenzene
Concen: 18.761 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX014950.D
Acq: 18 Feb 2020 11:38

Instrument :
MSVOA_X
ClientSampleId :
VX0218WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.5	27.3	81.8
134	28.0	13.8	41.4

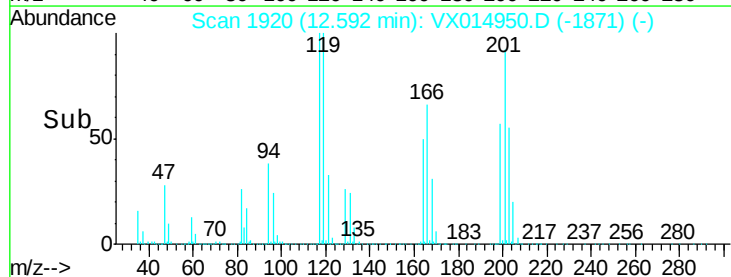
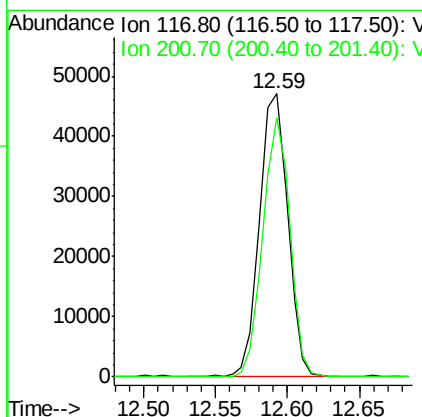
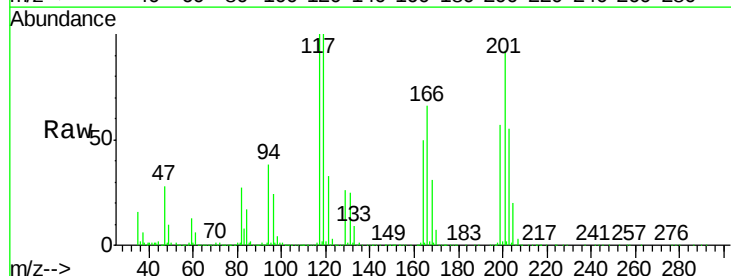
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#90
Hexachloroethane
Concen: 19.433 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX014950.D
Acq: 18 Feb 2020 11:38

Tgt Ion	Ratio	Lower	Upper
117	100		
201	88.3	44.8	134.3





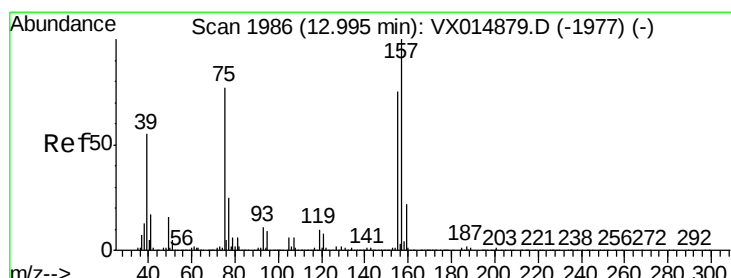
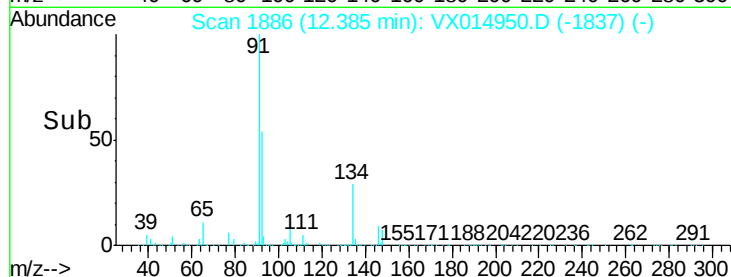
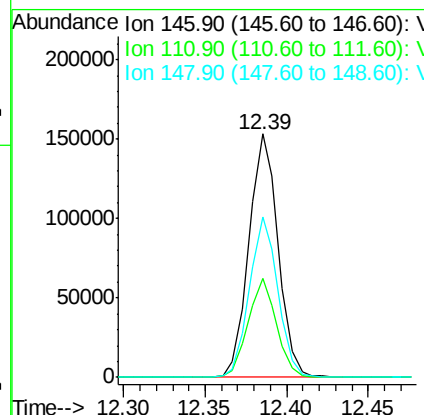
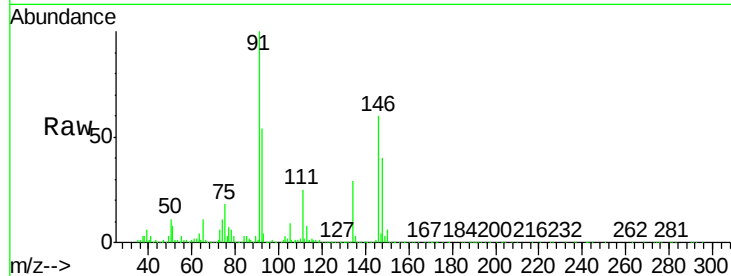
#91
 1,2-Dichlorobenzene
 Concen: 19.140 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX014950.D
 Acq: 18 Feb 2020 11:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0218WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.8	59.3
148	64.9	32.4	97.2

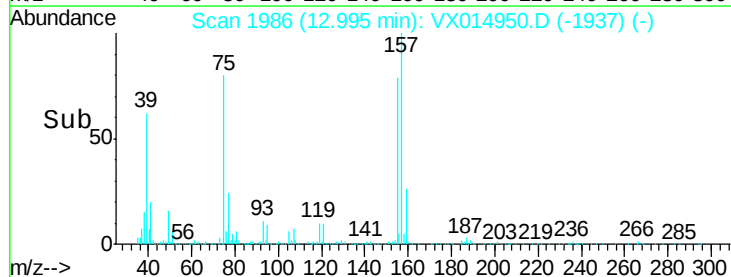
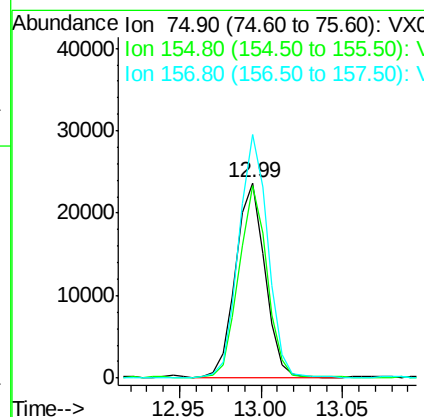
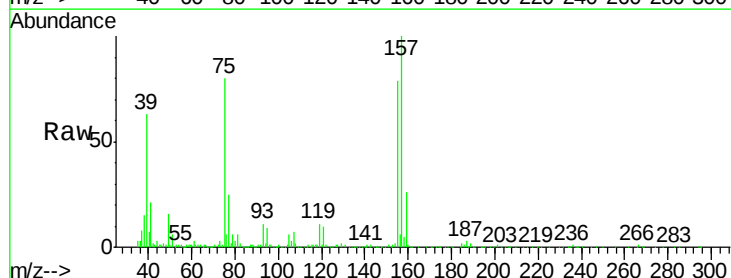
Manual Integrations
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.815 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX014950.D
 Acq: 18 Feb 2020 11:38

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.9	48.6	145.9
157	126.1	62.0	186.0





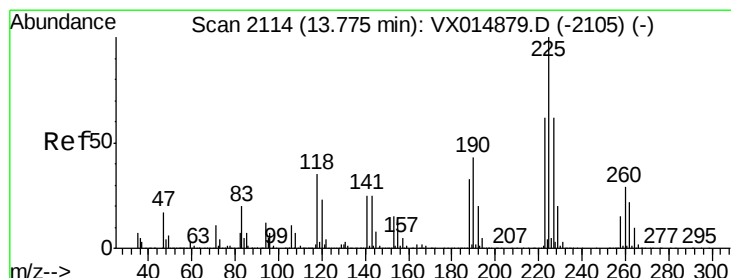
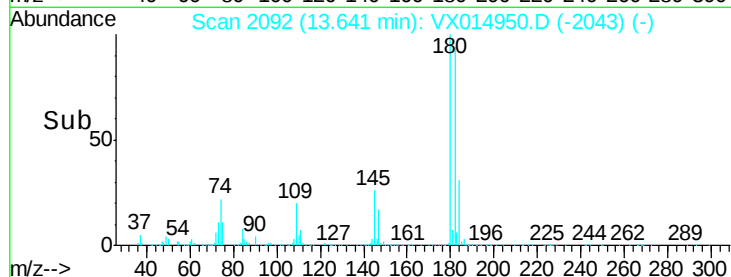
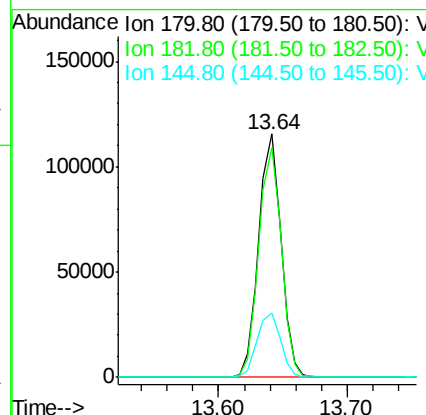
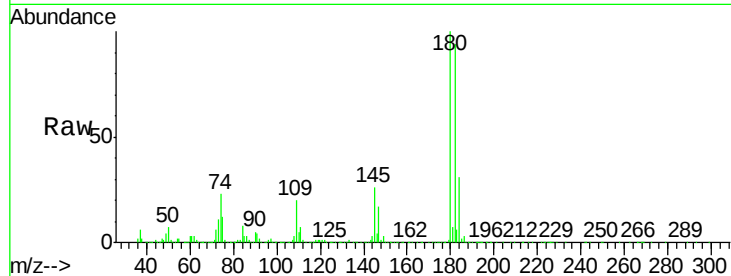
#93
 1,2,4-Trichlorobenzene
 Concen: 18.784 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX014950.D
 Acq: 18 Feb 2020 11:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0218WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	138463		
182	95.2	48.4	145.3	
145	27.7	14.1	42.4	

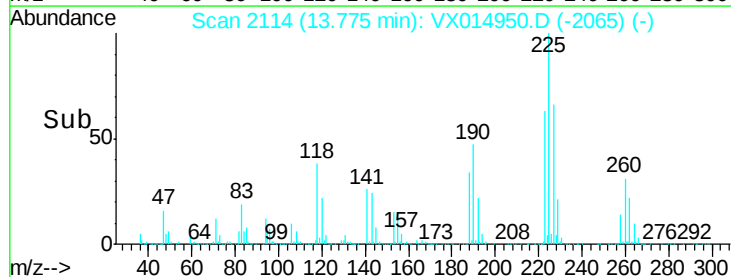
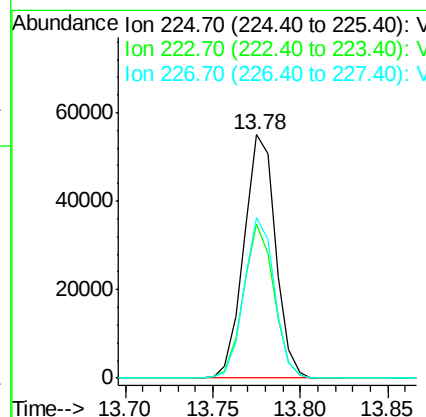
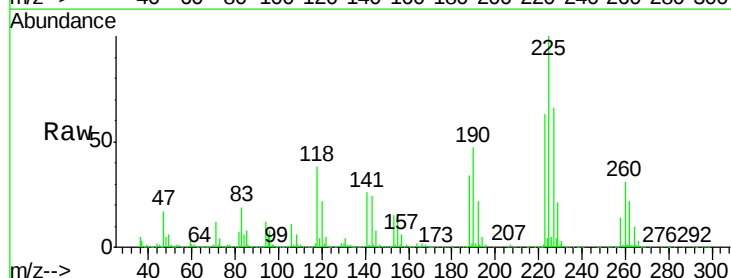
Manual Integrations
 APPROVED

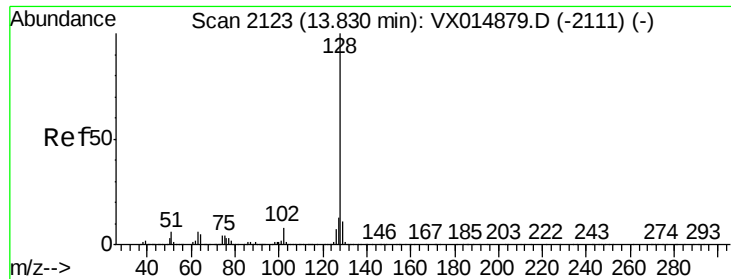
MMDadoda
 2/19/2020 12:14:51 PM



#94
 Hexachlorobutadiene
 Concen: 19.401 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX014950.D
 Acq: 18 Feb 2020 11:38

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	69170		
223	61.0	31.1	93.2	
227	63.0	30.9	92.5	





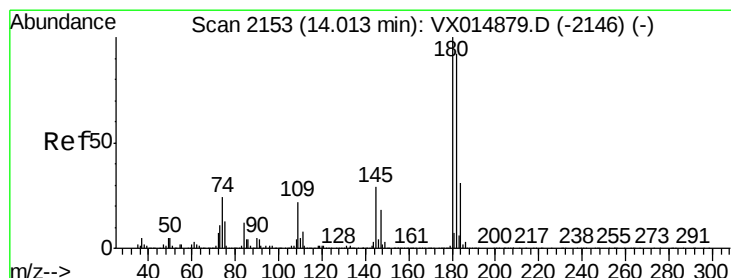
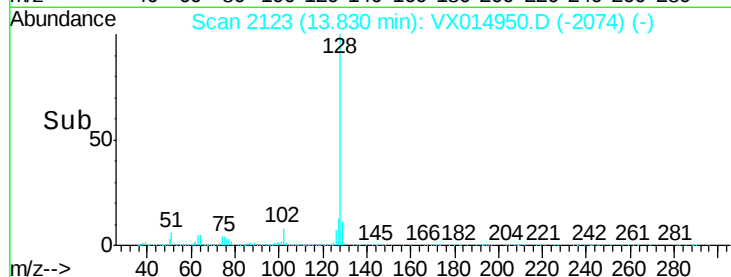
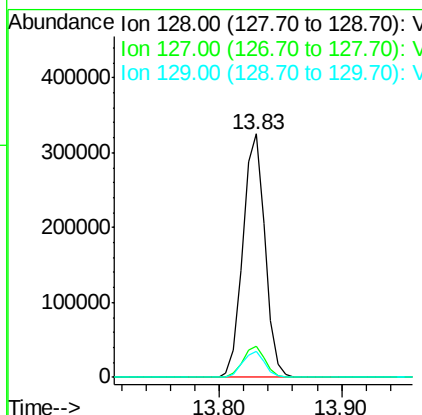
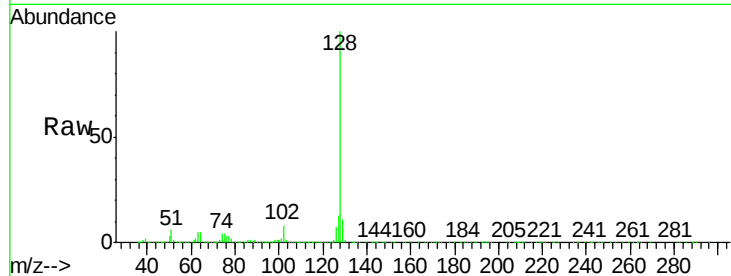
#95
Naphthalene
Concen: 20.650 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX014950.D
Acq: 18 Feb 2020 11:38

Instrument :
MSVOA_X
ClientSampled :
VX0218WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	404721		
127	12.9		10.4	15.6
129	10.8		8.6	13.0

Manual Integrations
APPROVED

MMDadoda
2/19/2020 12:14:51 PM



#96
1,2,3-Trichlorobenzene
Concen: 19.826 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX014950.D
Acq: 18 Feb 2020 11:38

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	141195		
182	92.4		47.5	142.6
145	29.9		14.5	43.5

