

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX030420\
 Data File : VX015079.D
 Acq On : 04 Mar 2020 08:39
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 3/5/2020 12:32:17 PM

Quant Time: Mar 04 14:19:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 04 13:12:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	419961	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	636369	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	571667	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	274889	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.00	65	0d	0.00	ug/l	
Spiked Amount 50.000			Recovery	=	0.00%	
35) Dibromofluoromethane	0.00	113	0d	0.00	ug/l	
Spiked Amount 50.000			Recovery	=	0.00%	
50) Toluene-d8	0.00	98	0d	0.00	ug/l	
Spiked Amount 50.000			Recovery	=	0.00%	
62) 4-Bromofluorobenzene	0.00	95	0d	0.00	ug/l	
Spiked Amount 50.000			Recovery	=	0.00%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.19	85	4084	1.111	ug/l	85
3) Chloromethane	1.32	50	5836	1.120	ug/l	97
4) Vinyl Chloride	1.40	62	6150	1.164	ug/l	96
6) Chloroethane	1.72	64	3503	1.106	ug/l #	79
7) Trichlorofluoromethane	1.93	101	6693	1.065	ug/l	92
8) Diethyl Ether	2.18	74	3015m	1.048	ug/l	
9) 1,1,2-Trichlorotrifluoroet	2.38	101	4315	1.091	ug/l #	91
12) 1,1-Dichloroethene	2.37	96	4608	1.129	ug/l #	79
14) Allyl chloride	2.72	41	7297	1.025	ug/l	87
15) Acrylonitrile	3.14	53	10231	4.752	ug/l	98
16) Acetone	2.45	43	11795	5.846	ug/l	95
17) Carbon Disulfide	2.57	76	12071	1.065	ug/l #	95
18) Methyl Acetate	2.76	43	5970	1.210	ug/l	93
19) Methyl tert-butyl Ether	3.18	73	12042	0.944	ug/l #	90
20) Methylene Chloride	2.85	84	5736	1.215	ug/l #	89
21) trans-1,2-Dichloroethene	3.16	96	4553	1.045	ug/l #	73
22) Diisopropyl ether	3.84	45	13127	0.926	ug/l #	81
23) Vinyl Acetate	3.81	43	48541	4.165	ug/l	98
24) 1,1-Dichloroethane	3.69	63	7727	0.982	ug/l #	89
25) 2-Butanone	4.67	43	13455	4.555	ug/l #	87
26) 2,2-Dichloropropane	4.56	77	6473	1.036	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	5053	1.034	ug/l	97
28) Bromochloromethane	5.01	49	3036	0.847	ug/l #	79
29) Tetrahydrofuran	5.12	42	9754	5.122	ug/l #	87
30) Chloroform	5.20	83	7702	1.004	ug/l	89
32) 1,1,1-Trichloroethane	5.47	97	5930	0.933	ug/l #	38
36) 1,1-Dichloropropene	5.79	75	6310	1.072	ug/l #	91
37) Ethyl Acetate	4.83	43	4053	0.742	ug/l #	78
38) Carbon Tetrachloride	5.76	117	5958	1.072	ug/l	85
39) Methylcyclohexane	7.45	83	6450	0.938	ug/l	97
40) Benzene	6.13	78	17296	0.990	ug/l #	90
41) Methacrylonitrile	5.03	41	3382m	1.117	ug/l	
42) 1,2-Dichloroethane	6.18	62	5699	0.950	ug/l	91
43) Isopropyl Acetate	6.43	43	9162	0.954	ug/l #	96

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	7.20	130	5037	1.036	ug/l	96
45) 1,2-Dichloropropane	7.51	63	4300	0.951	ug/l #	86
46) Dibromomethane	7.66	93	3075	1.044	ug/l	93
47) Bromodichloromethane	7.89	83	5788	0.994	ug/l	91
48) Methyl methacrylate	7.76	41	5193	1.062	ug/l #	78
49) 1,4-Dioxane	7.77	88	2330	22.093	ug/l #	51
51) 4-Methyl-2-Pentanone	8.64	43	23877	4.204	ug/l	99
52) Toluene	8.78	92	9669	0.906	ug/l	92
53) t-1,3-Dichloropropene	9.04	75	5124	0.821	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	6488	0.926	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	4407	1.003	ug/l #	86
56) Ethyl methacrylate	9.17	69	4775	0.762	ug/l #	86
57) 1,3-Dichloropropane	9.36	76	7173	0.970	ug/l	94
58) 2-Chloroethyl Vinyl ether	8.31	63	15550	4.553	ug/l	93
59) 2-Hexanone	9.49	43	15949	3.789	ug/l	96
60) Dibromochloromethane	9.57	129	4618	1.000	ug/l	96
61) 1,2-Dibromoethane	9.67	107	4688	1.015	ug/l	83
64) Tetrachloroethene	9.33	164	5087	1.076	ug/l #	91
65) Chlorobenzene	10.14	112	11420	0.995	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.21	131	4626	1.069	ug/l #	63
67) Ethyl Benzene	10.25	91	17484	0.897	ug/l	94
68) m/p-Xylenes	10.36	106	12409	1.674	ug/l	94
69) o-Xylene	10.70	106	6532	0.920	ug/l	98
70) Styrene	10.71	104	10605	0.871	ug/l	97
71) Bromoform	10.85	173	2945	0.878	ug/l #	98
73) Isopropylbenzene	11.01	105	15769	0.898	ug/l	97
74) N-amyl acetate	10.89	43	6714	0.907	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	11.26	83	6011	1.027	ug/l #	78
76) 1,2,3-Trichloropropane	11.29	75	5431m	1.007	ug/l	
77) Bromobenzene	11.25	156	5321	1.087	ug/l	88
78) n-propylbenzene	11.35	91	17050	0.850	ug/l	92
79) 2-Chlorotoluene	11.42	91	11028	0.920	ug/l	95
80) 1,3,5-Trimethylbenzene	11.50	105	12665	0.866	ug/l	96
82) 4-Chlorotoluene	11.51	91	13692	0.967	ug/l	98
83) tert-Butylbenzene	11.76	119	12377	0.876	ug/l	92
84) 1,2,4-Trimethylbenzene	11.81	105	12684	0.864	ug/l	96
85) sec-Butylbenzene	11.94	105	14555	0.853	ug/l	91
86) p-Isopropyltoluene	12.06	119	13431	0.854	ug/l #	89
87) 1,3-Dichlorobenzene	12.02	146	8776	1.020	ug/l	94
88) 1,4-Dichlorobenzene	12.09	146	9961m	1.147	ug/l	
89) n-Butylbenzene	12.38	91	11473	0.821	ug/l	97
90) Hexachloroethane	12.59	117	3298	1.110	ug/l	83
91) 1,2-Dichlorobenzene	12.39	146	8950	1.046	ug/l	92
92) 1,2-Dibromo-3-Chloropropan	13.00	75	1087	0.928	ug/l	94
93) 1,2,4-Trichlorobenzene	13.64	180	5721	0.964	ug/l	92
94) Hexachlorobutadiene	13.78	225	3464	1.137	ug/l	95
95) Naphthalene	13.83	128	11702	0.721	ug/l #	97
96) 1,2,3-Trichlorobenzene	14.01	180	5192	0.876	ug/l	90

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MSVOA_X
ClientSampleId :
VSTDICC001

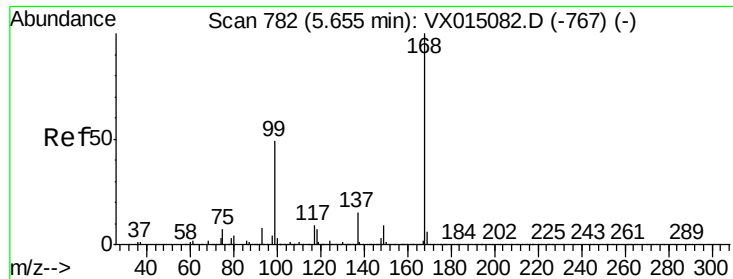
Manual Integrations
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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX015079.D

Acq: 04 Mar 2020 08:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:168 Resp: 419961

Ion Ratio Lower Upper

168 100

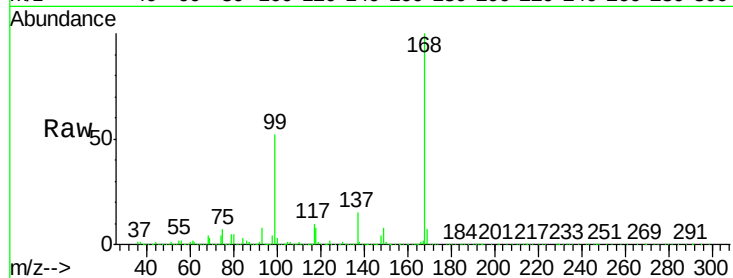
99 51.5 39.4 59.2

Manual Integrations

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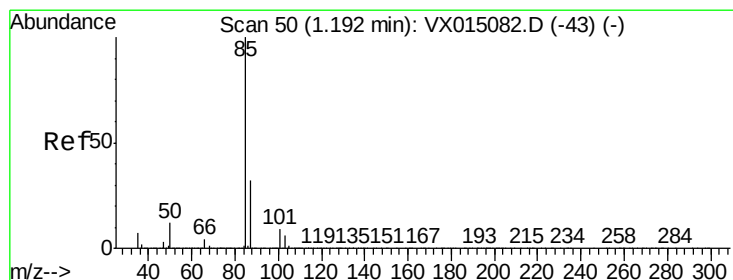
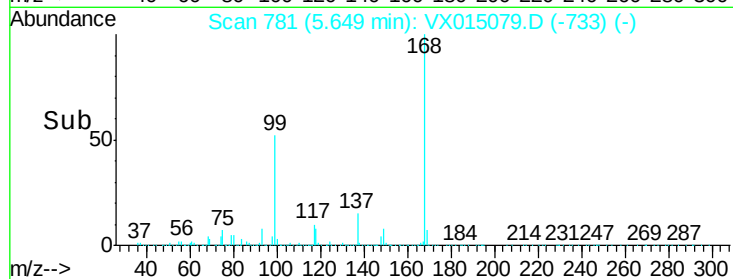
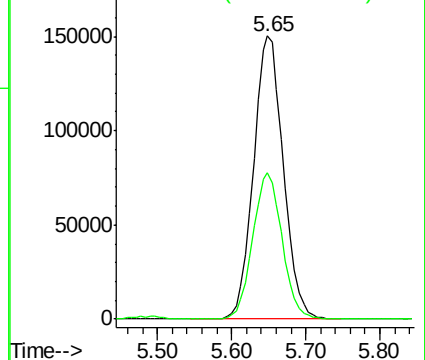
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 1.111 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX015079.D

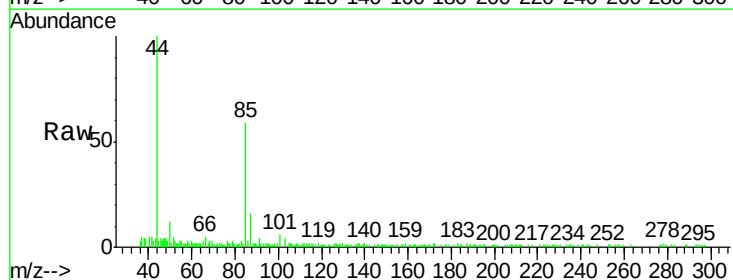
Acq: 04 Mar 2020 08:39

Tgt Ion: 85 Resp: 4084

Ion Ratio Lower Upper

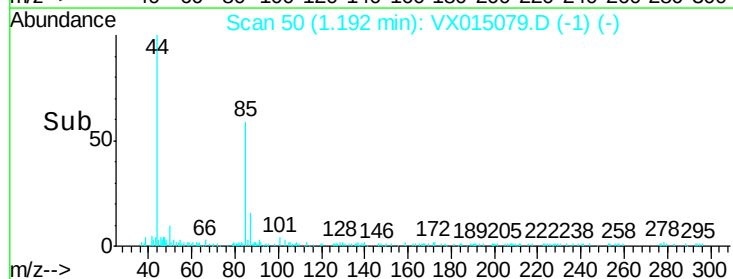
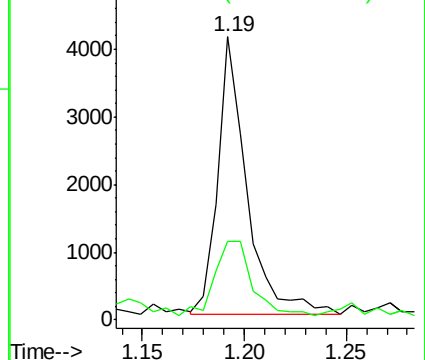
85 100

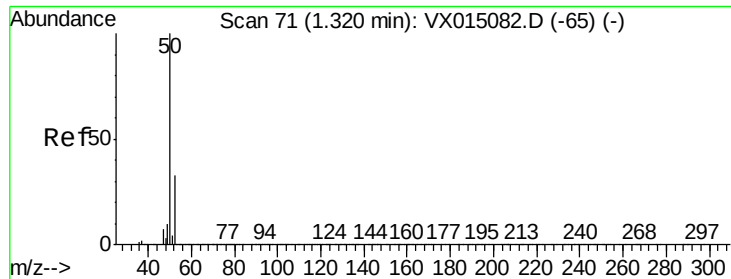
87 24.0 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





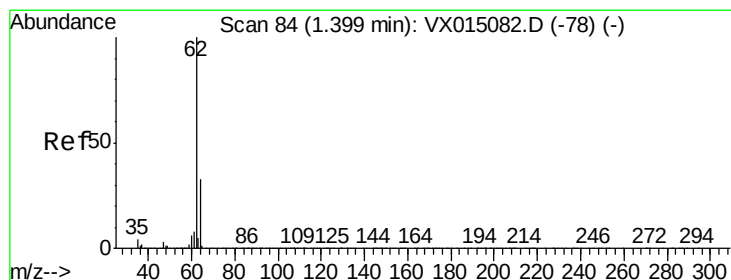
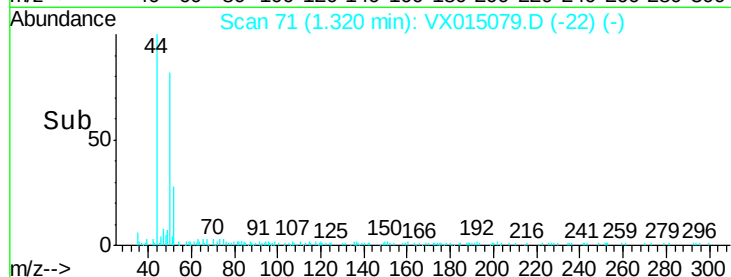
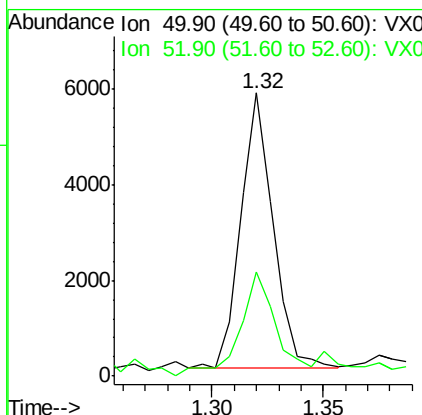
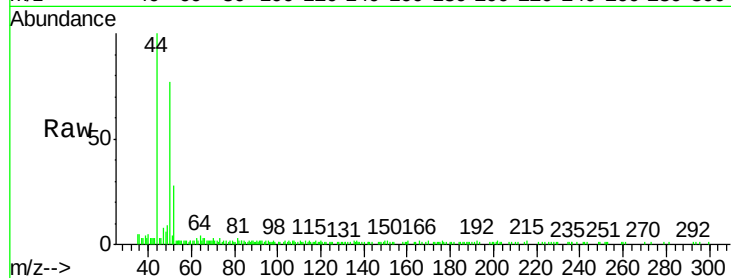
#3
Chloromethane
Concen: 1.120 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX015079.D
Acq: 04 Mar 2020 08:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Tot Ion	Ratio	Lower	Upper
50	100		
52	34.5	26.2	39.2

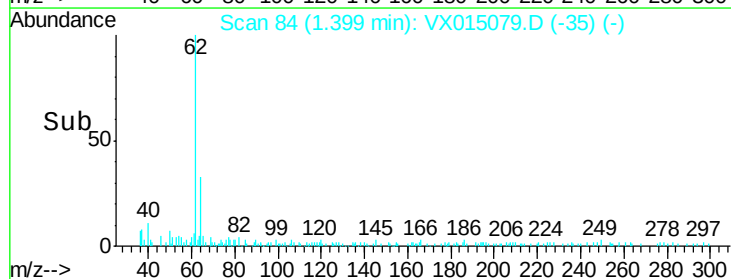
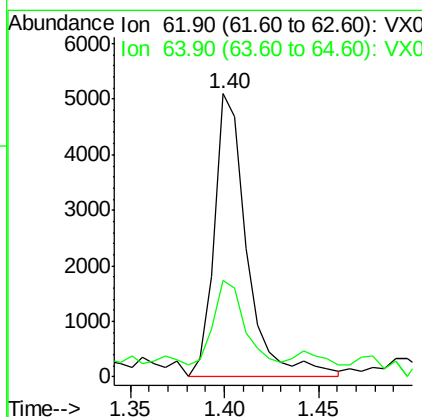
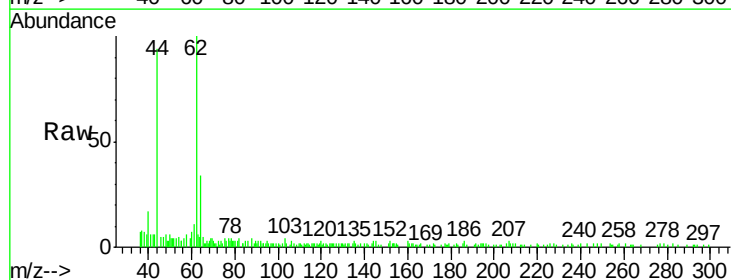
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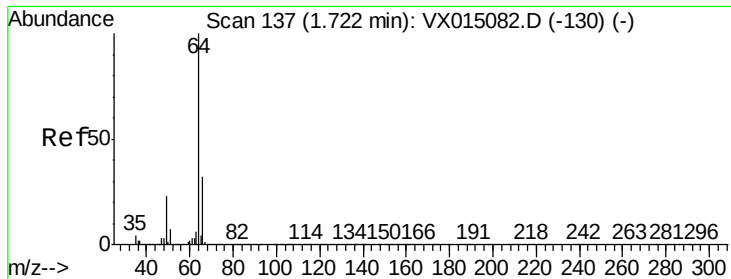
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#4
Vinyl Chloride
Concen: 1.164 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX015079.D
Acq: 04 Mar 2020 08:39

Tgt Ion	Ratio	Lower	Upper
62	100		
64	30.6	26.1	39.1





#6

Chloroethane

Concen: 1.106 ug/l

RT: 1.72 min Scan# 137

Delta R.T. 0.00 min

Lab File: VX015079.D

Acq: 04 Mar 2020 08:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 64 Resp: 3503

Ion Ratio Lower Upper

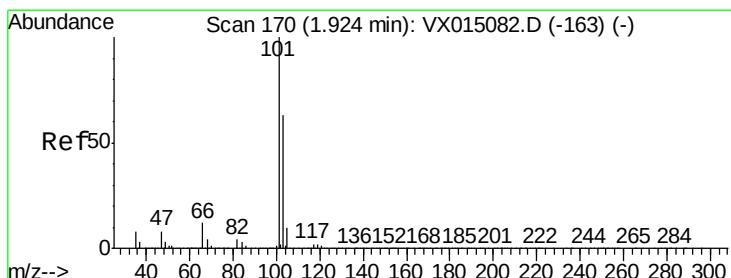
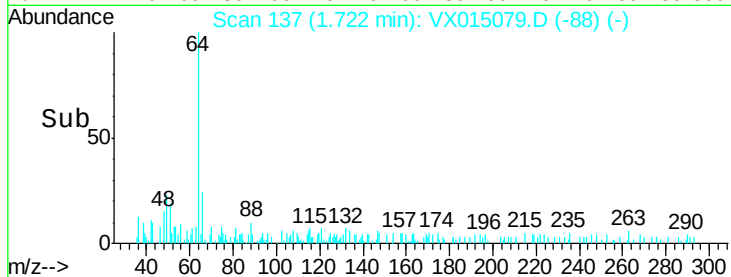
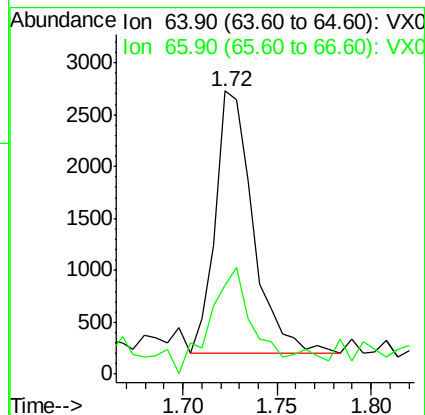
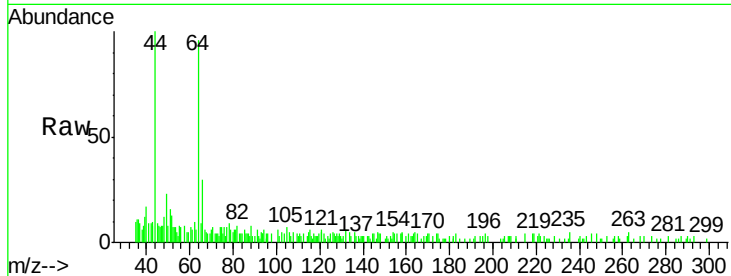
64 100

66 20.4 25.8 38.8#

Manual Integrations
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#7

Trichlorofluoromethane

Concen: 1.065 ug/l

RT: 1.93 min Scan# 171

Delta R.T. 0.01 min

Lab File: VX015079.D

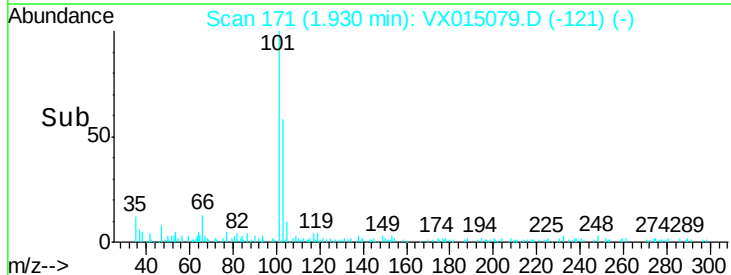
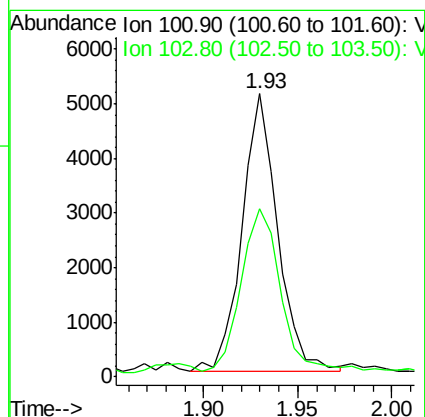
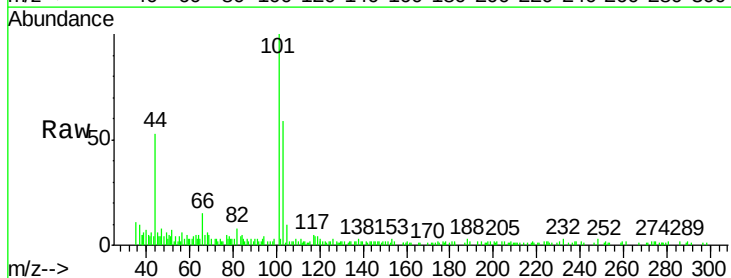
Acq: 04 Mar 2020 08:39

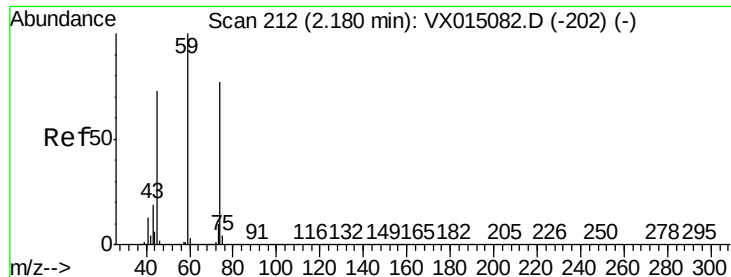
Tgt Ion: 101 Resp: 6693

Ion Ratio Lower Upper

101 100

103 56.9 50.4 75.6





#8

Diethyl Ether

Concen: 1.048 ug/l m

RT: 2.18 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX015079.D

Acq: 04 Mar 2020 08:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 74 Resp: 3015

Ion Ratio Lower Upper

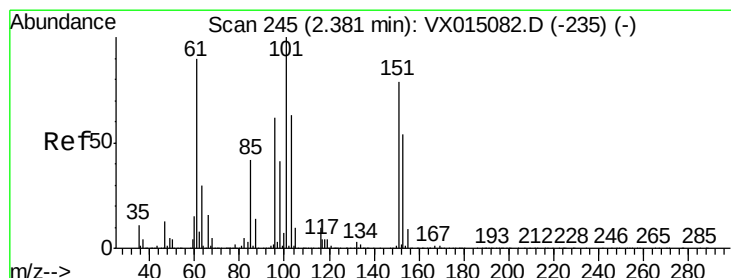
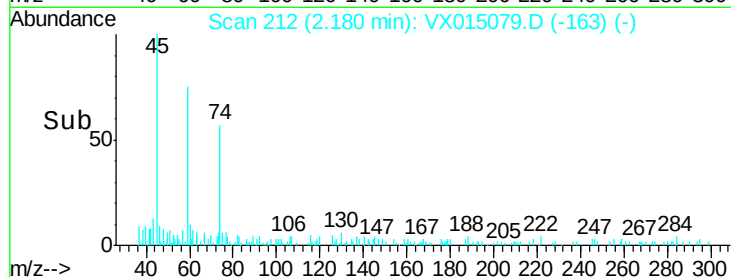
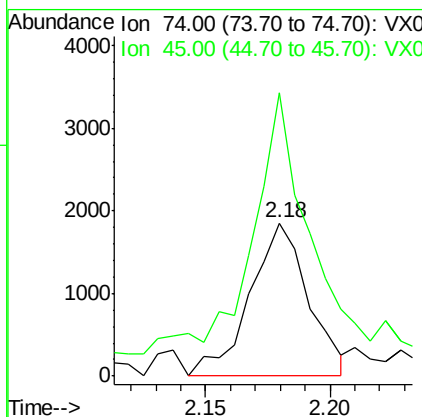
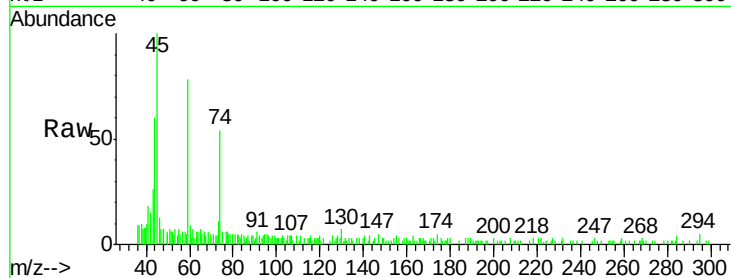
74 100

45 9.6 49.2 147.6#

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#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.091 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.00 min

Lab File: VX015079.D

Acq: 04 Mar 2020 08:39

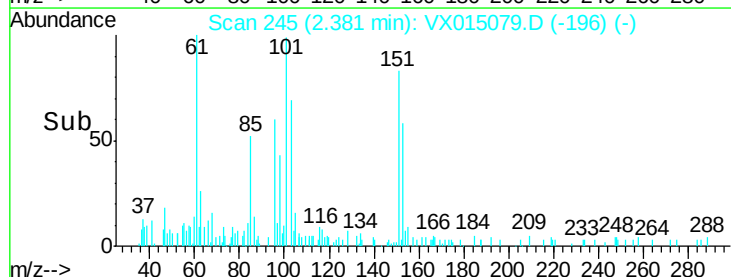
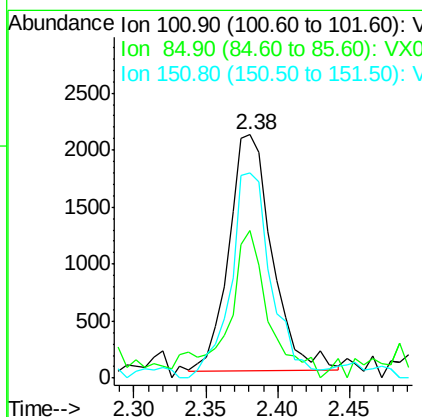
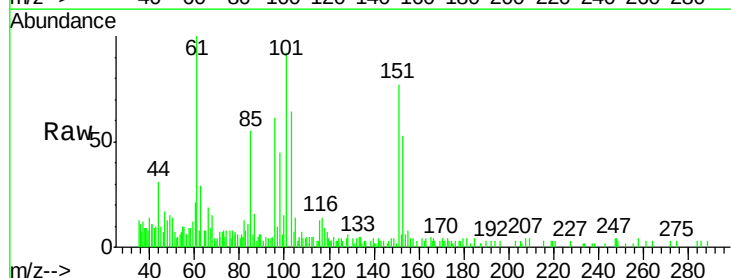
Tgt Ion: 101 Resp: 4315

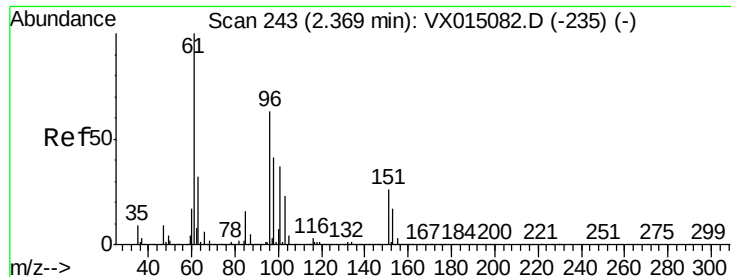
Ion Ratio Lower Upper

101 100

85 54.4 33.7 50.5#

151 82.6 64.0 96.0





#12

1,1-Dichloroethene

Concen: 1.129 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX015079.D

Acq: 04 Mar 2020 08:39

Instrument :

MSVOA_X

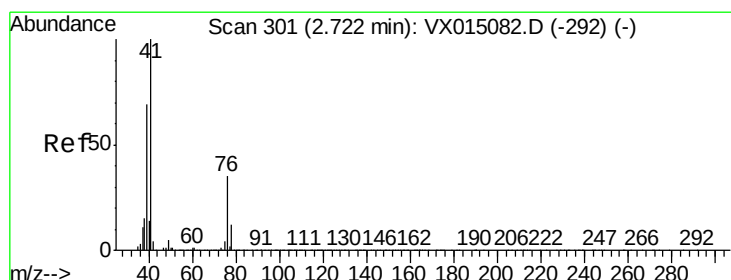
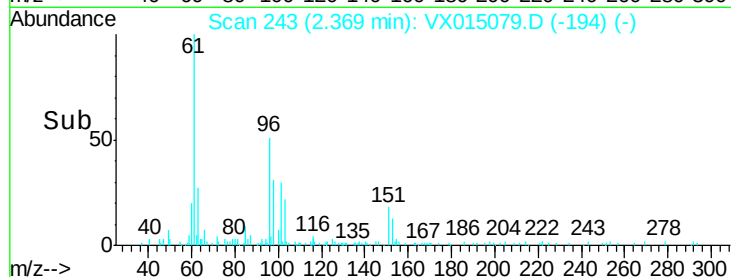
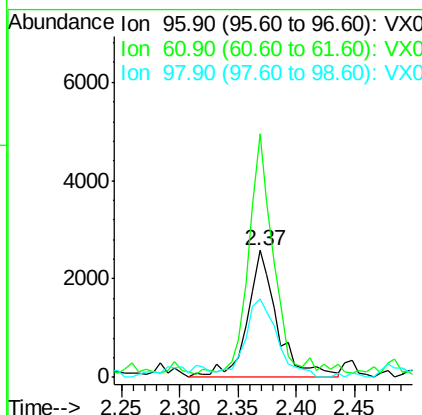
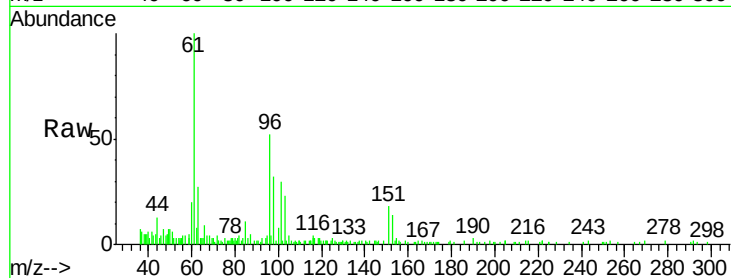
ClientSampleId :

VSTDIC001

Tot Ion:	96	Resp:	4608
Ion	Ratio	Lower	Upper
96	100		
61	193.8	126.2	189.4#
98	60.6	51.4	77.0

Manual Integrations
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#14

Allyl chloride

Concen: 1.025 ug/l

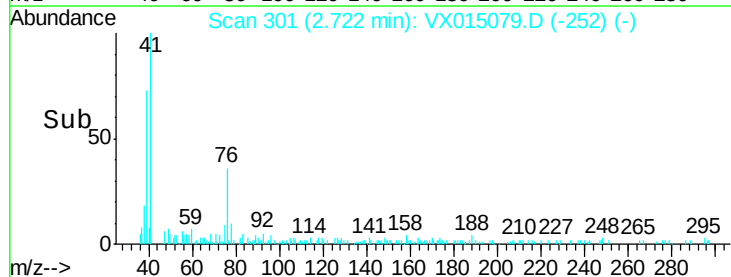
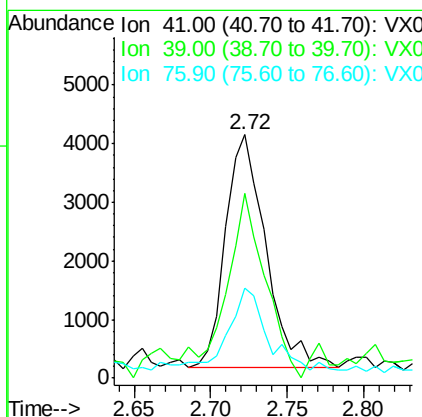
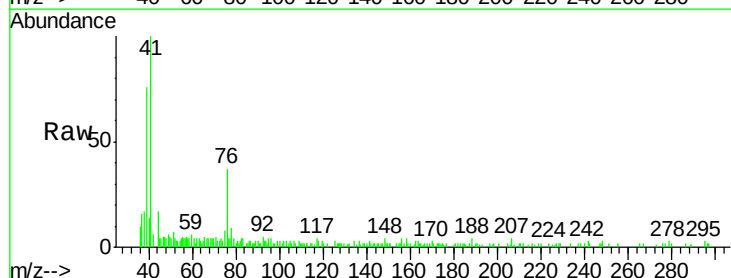
RT: 2.72 min Scan# 301

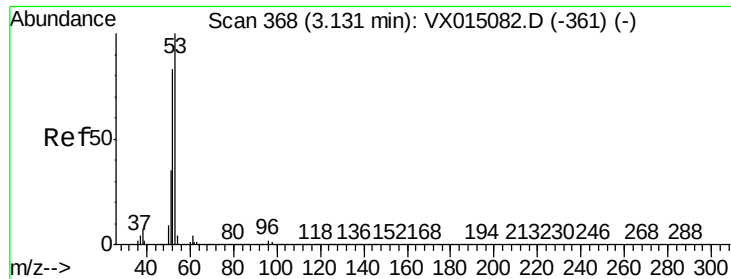
Delta R.T. 0.00 min

Lab File: VX015079.D

Acq: 04 Mar 2020 08:39

Tgt Ion:	41	Resp:	7297
Ion	Ratio	Lower	Upper
41	100		
39	78.2	52.9	79.3
76	38.6	26.8	40.2





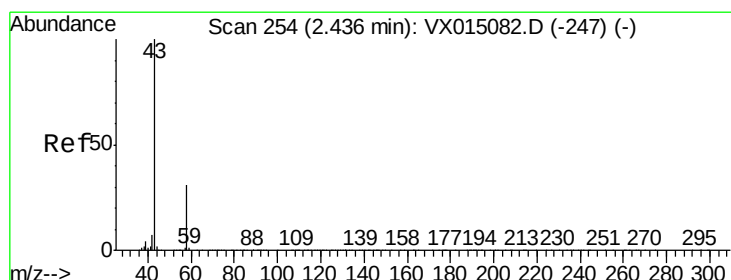
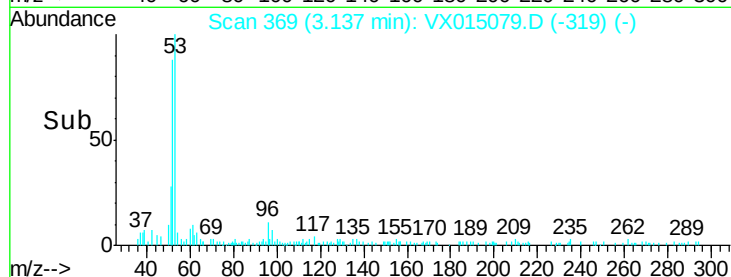
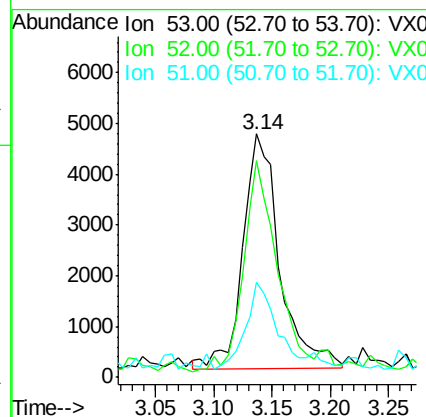
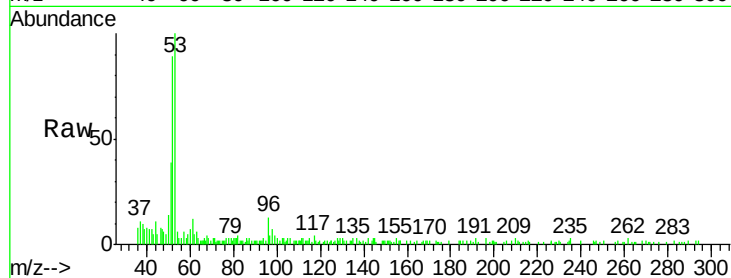
#15
Acrylonitrile
Concen: 4.752 ug/l
RT: 3.14 min Scan# 369
Delta R.T. 0.01 min
Lab File: VX015079.D
Acq: 04 Mar 2020 08:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion:	53	Resp:	10231
Ion	Ratio	Lower	Upper
53	100		
52	81.5	66.6	100.0
51	34.7	29.0	43.6

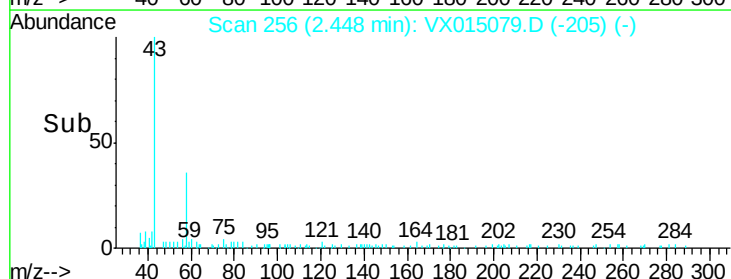
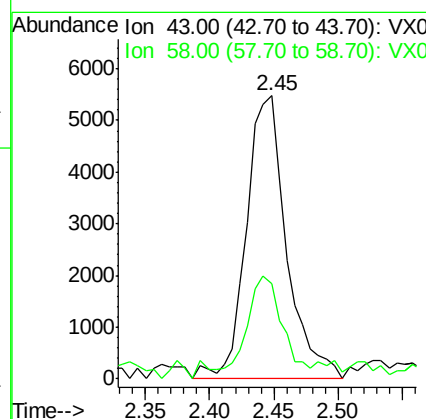
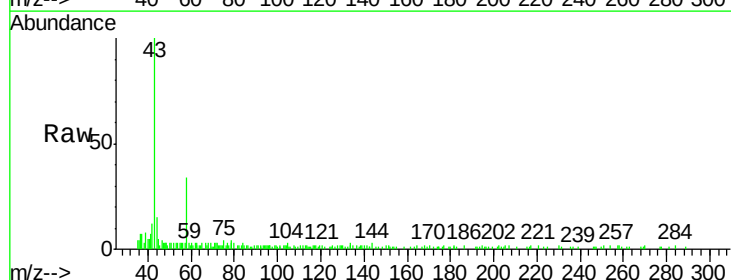
Manual Integrations
APPROVED

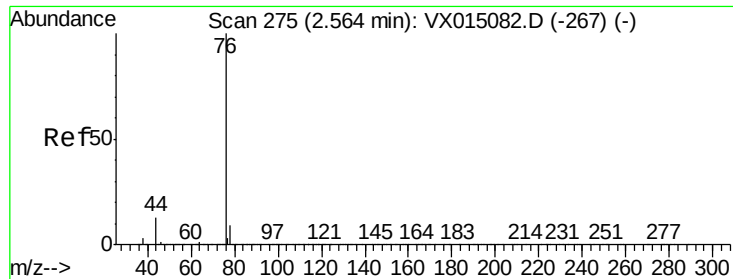
MMDadoda
3/5/2020 12:32:17 PM



#16
Acetone
Concen: 5.846 ug/l
RT: 2.45 min Scan# 256
Delta R.T. 0.01 min
Lab File: VX015079.D
Acq: 04 Mar 2020 08:39

Tgt Ion:	43	Resp:	11795
Ion	Ratio	Lower	Upper
43	100		
58	33.6	24.8	37.2





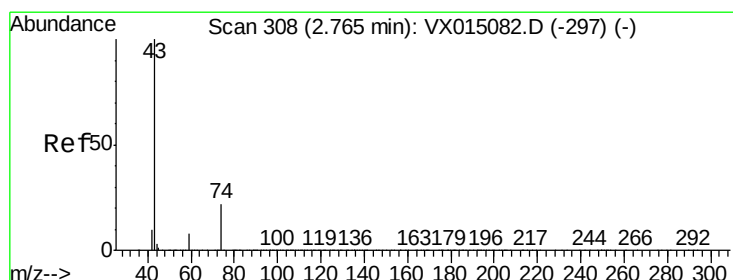
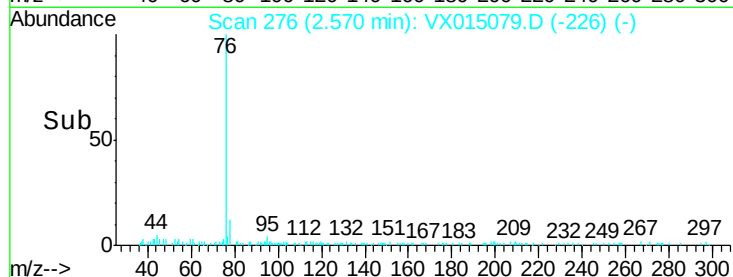
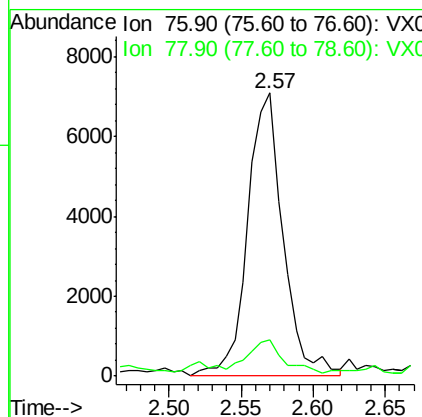
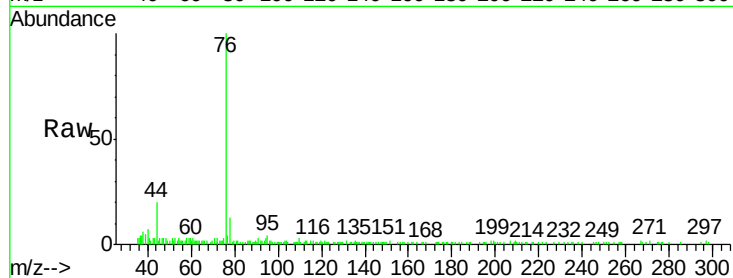
#17
Carbon Disulfide
Concen: 1.065 ug/l
RT: 2.57 min Scan# 276
Delta R.T. 0.01 min
Lab File: VX015079.D
Acq: 04 Mar 2020 08:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
76	100		
78	10.9	7.3	10.9#

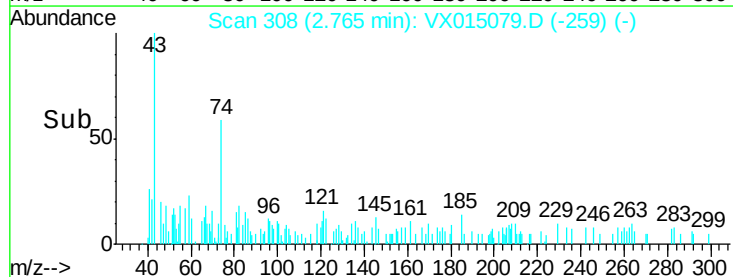
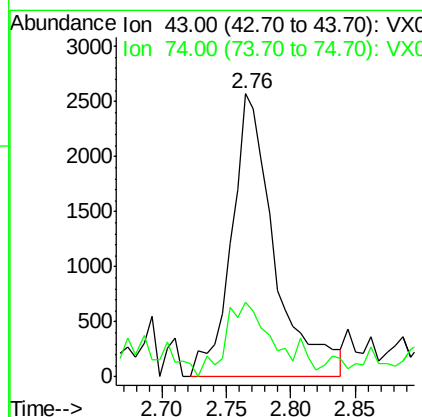
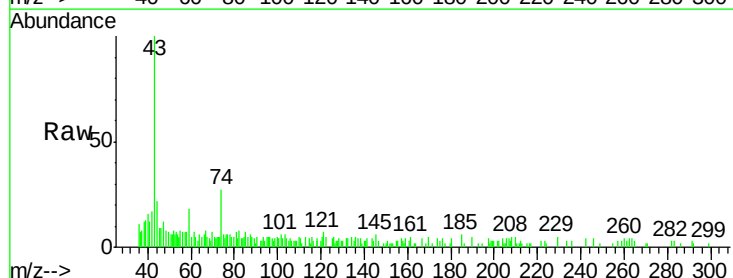
Manual Integrations
APPROVED

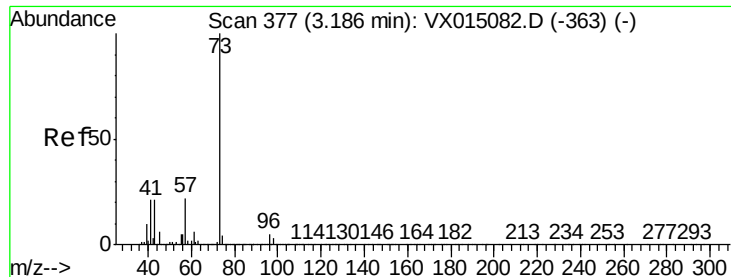
MMDadoda
3/5/2020 12:32:17 PM



#18
Methyl Acetate
Concen: 1.210 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.00 min
Lab File: VX015079.D
Acq: 04 Mar 2020 08:39

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.9	18.8	28.2





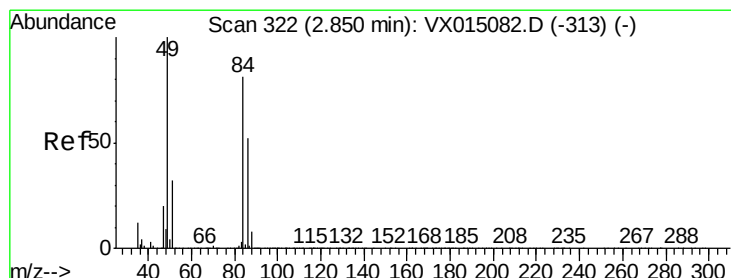
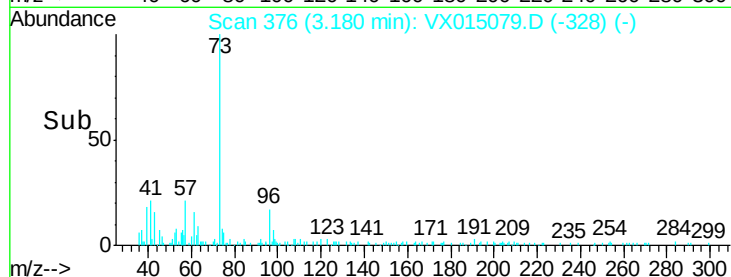
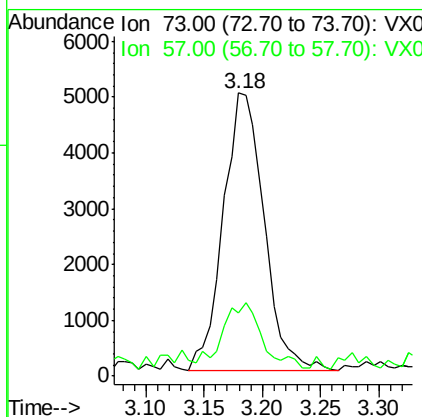
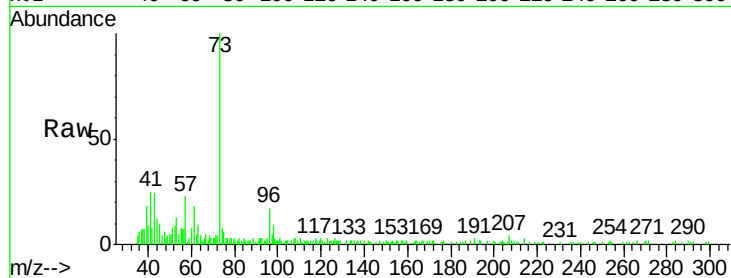
#19
Methyl tert-butyl Ether
Concen: 0.944 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX015079.D
Acq: 04 Mar 2020 08:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
73	100		
57	17.5	17.8	26.6#

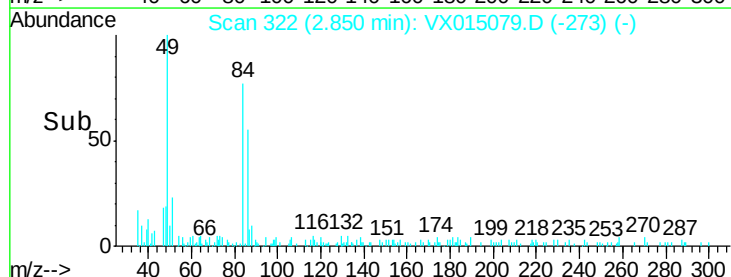
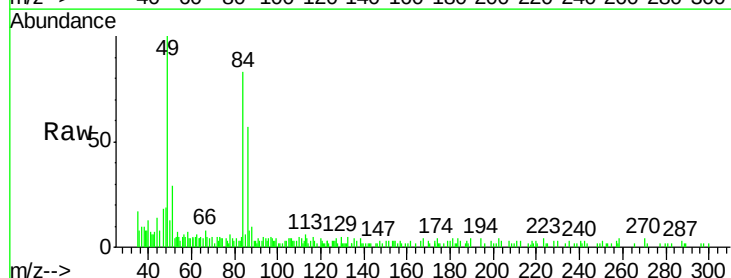
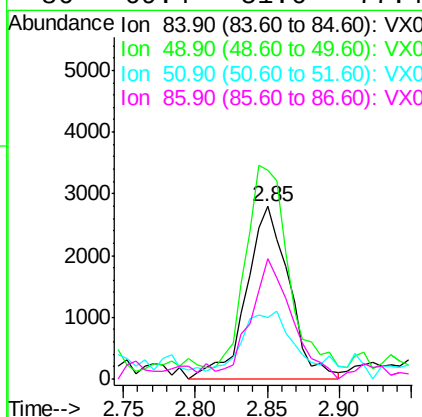
Manual Integrations
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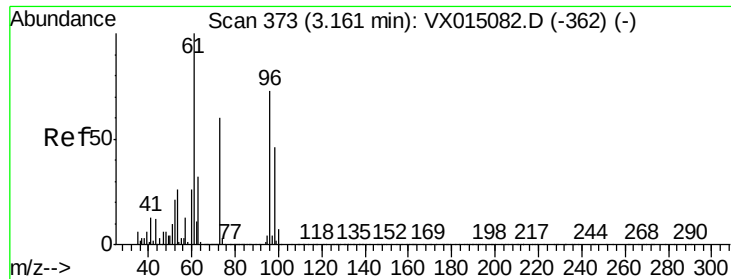
MMDadoda
3/5/2020 12:32:17 PM



#20
Methylene Chloride
Concen: 1.215 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX015079.D
Acq: 04 Mar 2020 08:39

Tgt Ion	Ratio	Lower	Upper
84	100		
49	113.5	99.4	149.2
51	24.8	31.5	47.3#
86	69.4	51.6	77.4





#21

trans-1,2-Dichloroethene

Concen: 1.045 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX015079.D

Acq: 04 Mar 2020 08:39

Instrument :

MSVOA_X

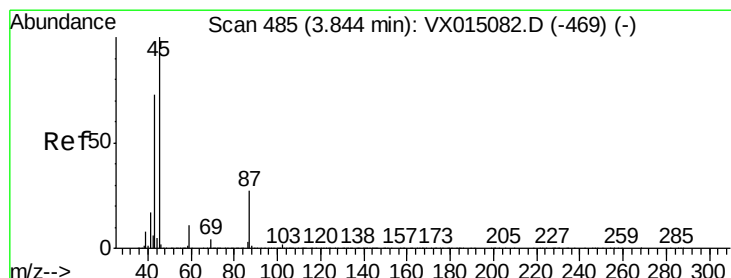
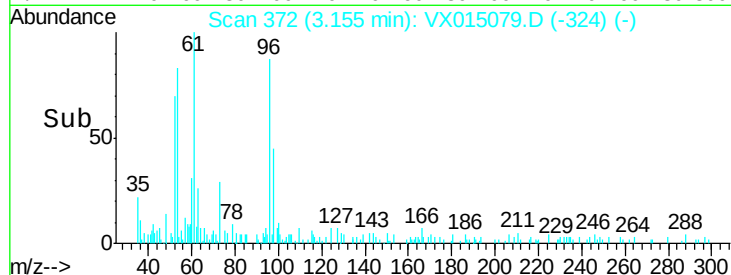
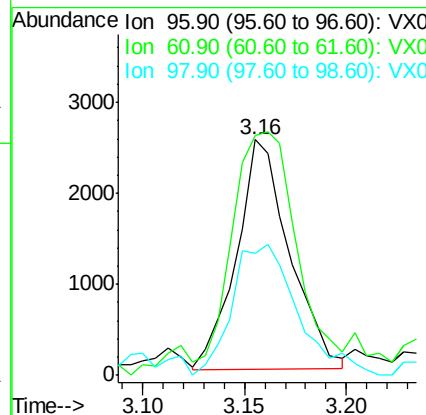
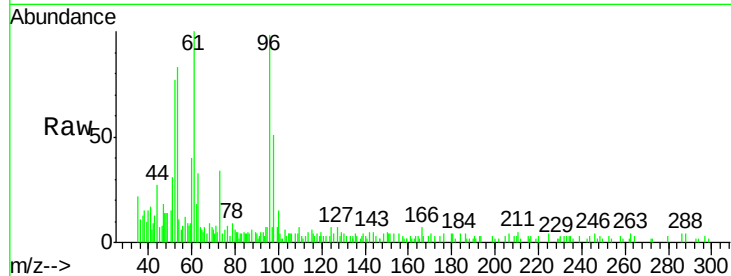
ClientSampleId :

VSTDIC001

Tot Ion:	96	Resp:	4553
Ion	Ratio	Lower	Upper
96	100		
61	99.2	109.9	164.9#
98	48.6	50.2	75.2#

Manual Integrations
APPROVED

MMDadoda
3/5/2020 12:32:17 PM



#22

Diisopropyl ether

Concen: 0.926 ug/l

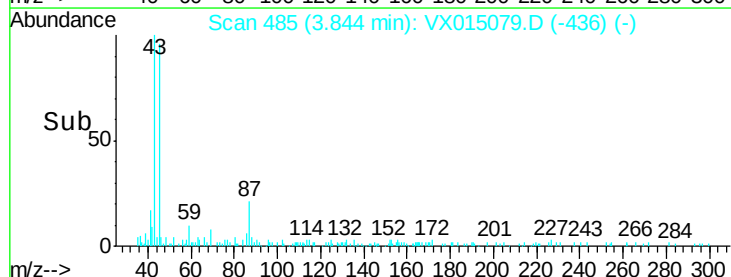
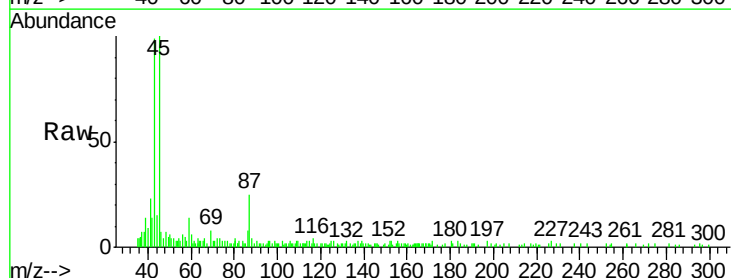
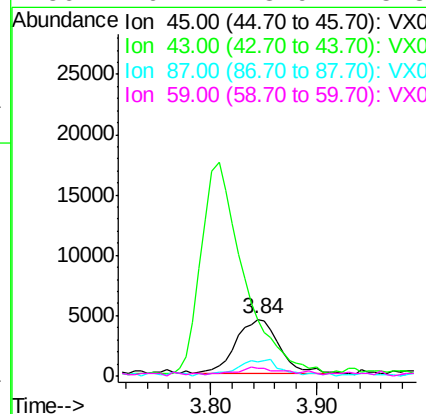
RT: 3.84 min Scan# 485

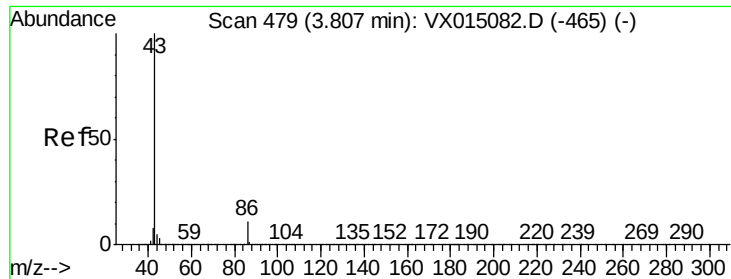
Delta R.T. 0.00 min

Lab File: VX015079.D

Acq: 04 Mar 2020 08:39

Tgt Ion:	45	Resp:	13127
Ion	Ratio	Lower	Upper
45	100		
43	95.0	58.2	87.2#
87	23.7	21.2	31.8
59	10.1	8.9	13.3





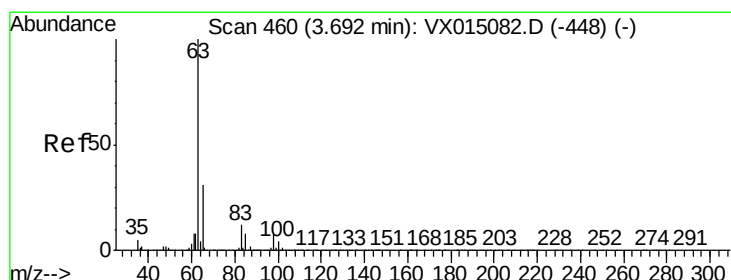
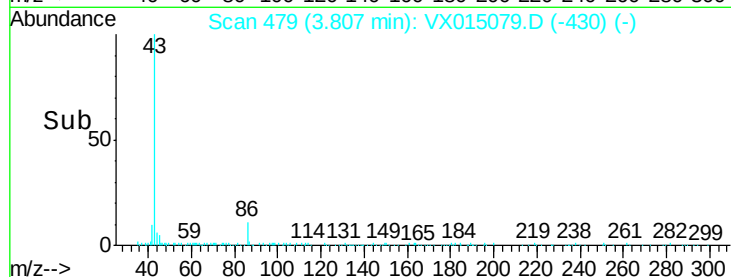
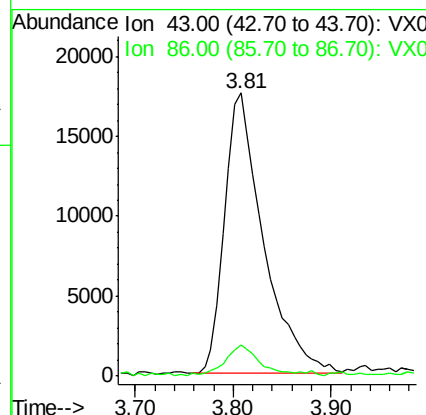
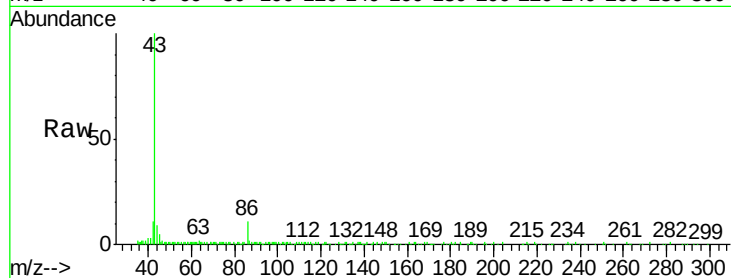
#23
 Vinyl Acetate
 Concen: 4.165 ug/l
 RT: 3.81 min Scan# 479
 Delta R.T. 0.00 min
 Lab File: VX015079.D
 Acq: 04 Mar 2020 08:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	43	Resp	48541
Ion	Ratio	Lower	Upper
43	100		
86	9.8	8.6	12.8

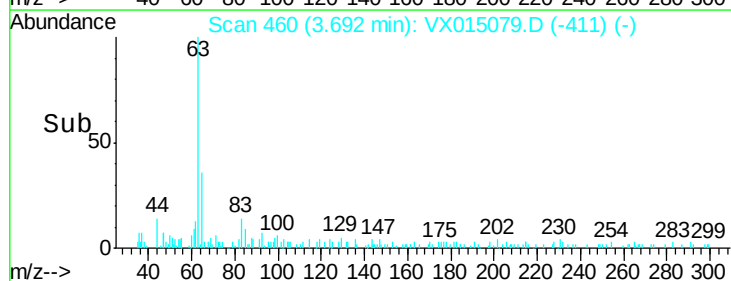
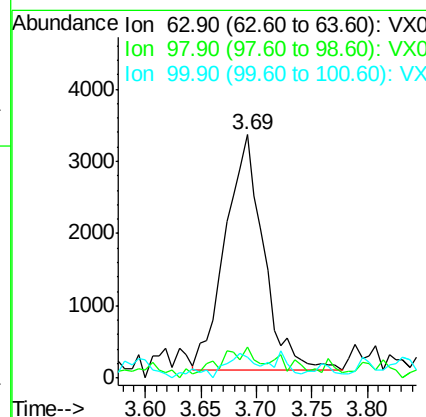
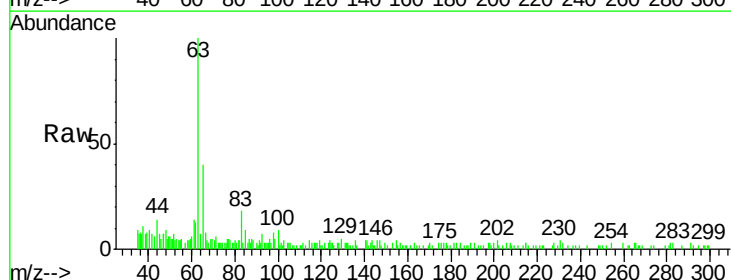
Manual Integrations
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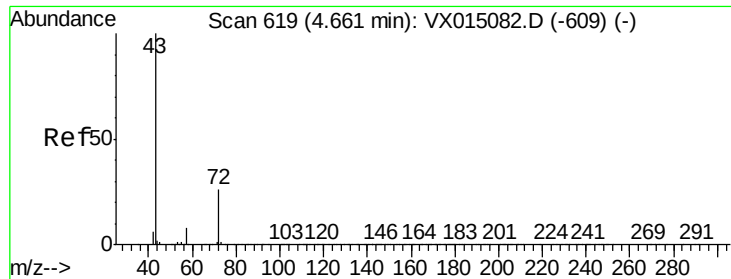
MMDadoda
 3/5/2020 12:32:17 PM



#24
 1,1-Dichloroethane
 Concen: 0.982 ug/l
 RT: 3.69 min Scan# 460
 Delta R.T. 0.00 min
 Lab File: VX015079.D
 Acq: 04 Mar 2020 08:39

Tgt Ion	63	Resp	7727
Ion	Ratio	Lower	Upper
63	100		
98	11.6	3.7	11.1#
100	7.1	2.1	6.5#





#25

2-Butanone

Concen: 4.555 ug/l

RT: 4.67 min Scan# 621

Delta R.T. 0.01 min

Lab File: VX015079.D

Acq: 04 Mar 2020 08:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 43 Resp: 13455

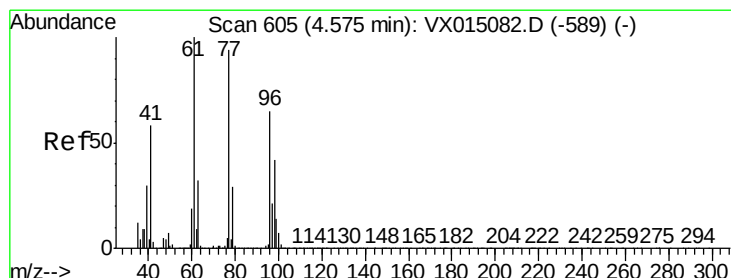
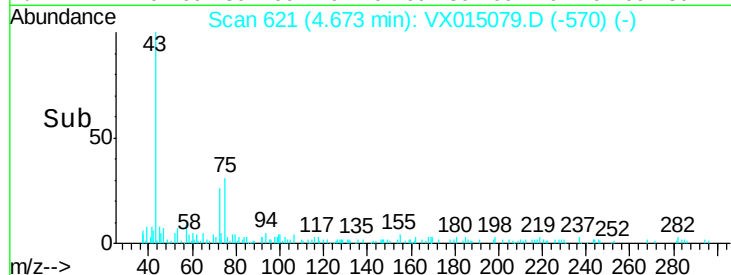
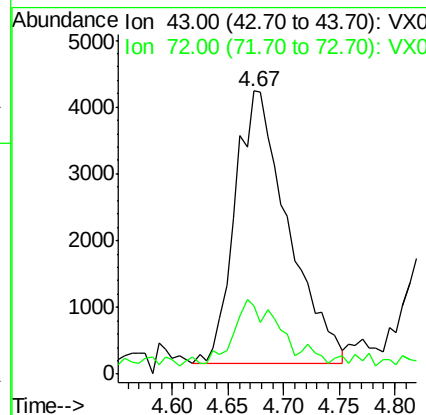
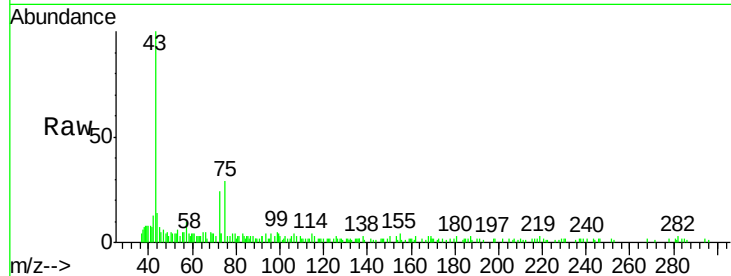
Ion Ratio Lower Upper

43 100

72 19.0 20.6 30.8#

Manual Integrations
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MMDadoda
3/5/2020 12:32:17 PM



#26

2,2-Dichloropropane

Concen: 1.036 ug/l

RT: 4.56 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX015079.D

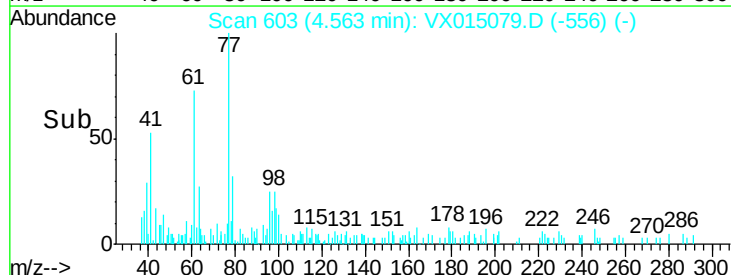
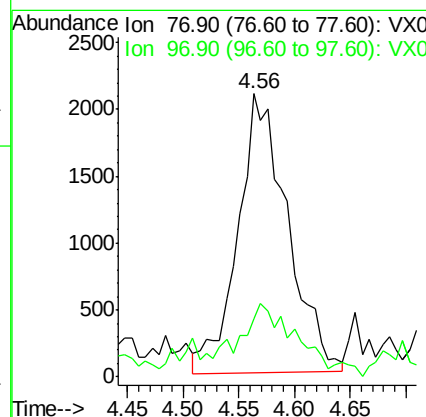
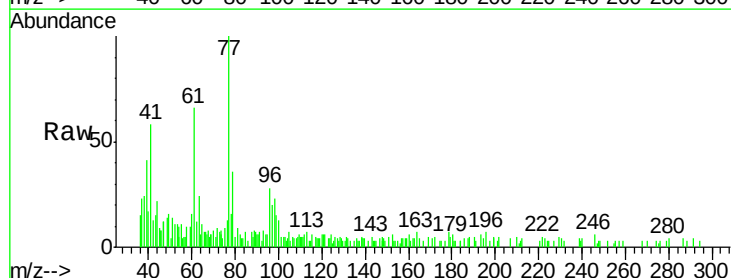
Acq: 04 Mar 2020 08:39

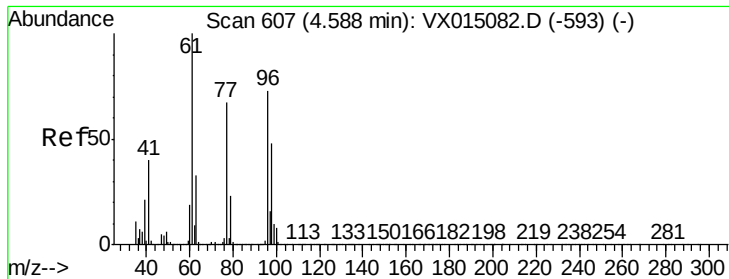
Tgt Ion: 77 Resp: 6473

Ion Ratio Lower Upper

77 100

97 24.7 11.8 35.4





#27

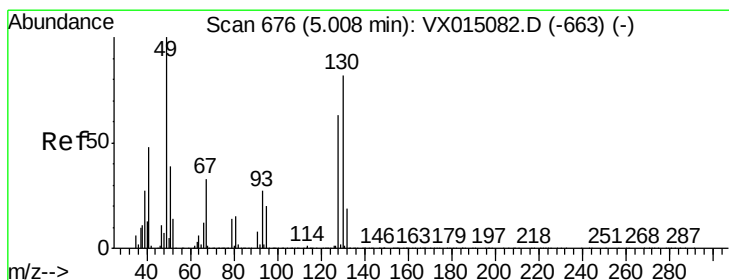
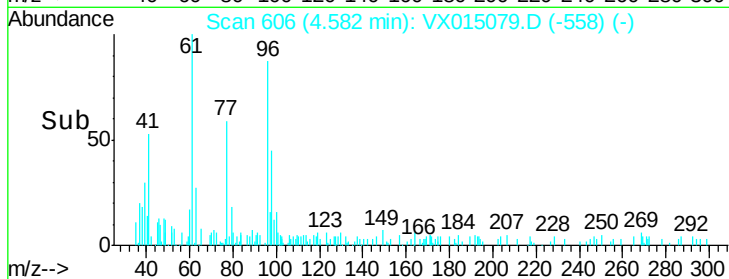
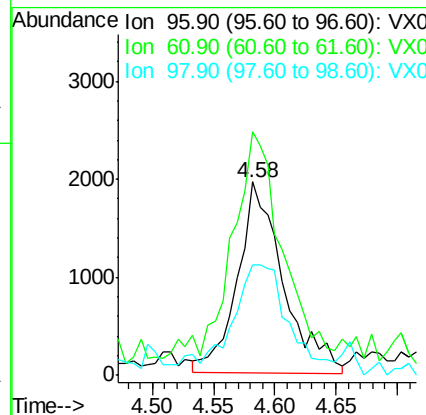
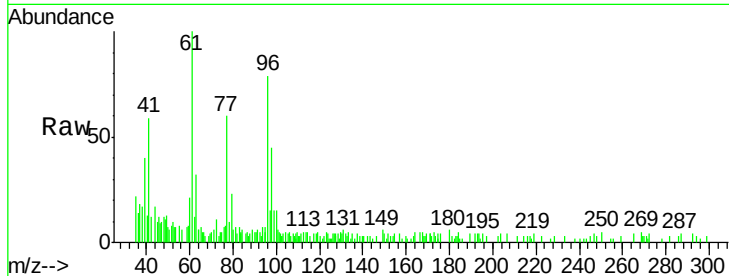
cis-1,2-Dichloroethene
Concen: 1.034 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX015079.D
Acq: 04 Mar 2020 08:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
96	100		
61	147.2	0.0	286.8
98	67.1	0.0	128.4

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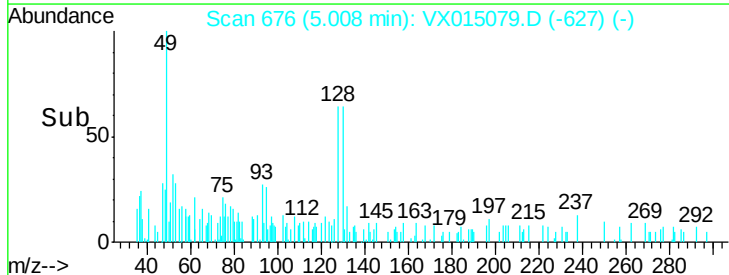
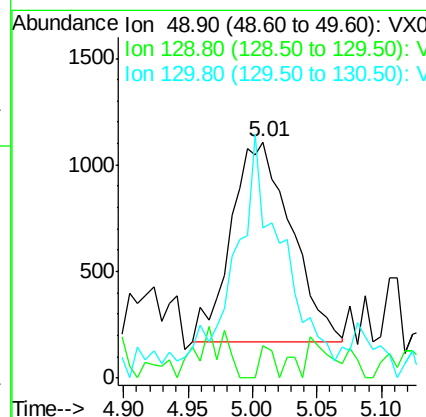
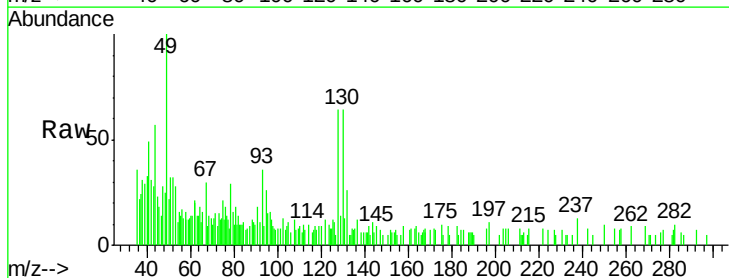
MMDadoda
3/5/2020 12:32:17 PM

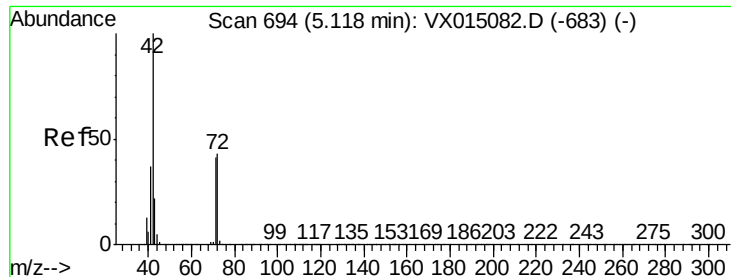


#28

Bromochloromethane
Concen: 0.847 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.00 min
Lab File: VX015079.D
Acq: 04 Mar 2020 08:39

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.4	0.0	4.4
130	100.8	65.0	97.6#





#29

Tetrahydrofuran

Concen: 5.122 ug/l

RT: 5.12 min Scan# 695

Delta R.T. 0.01 min

Lab File: VX015079.D

Acq: 04 Mar 2020 08:39

Instrument :

MSVOA_X

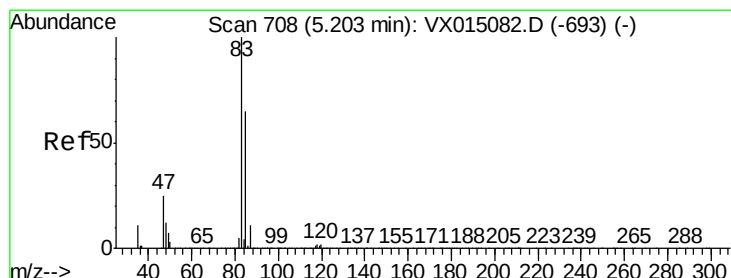
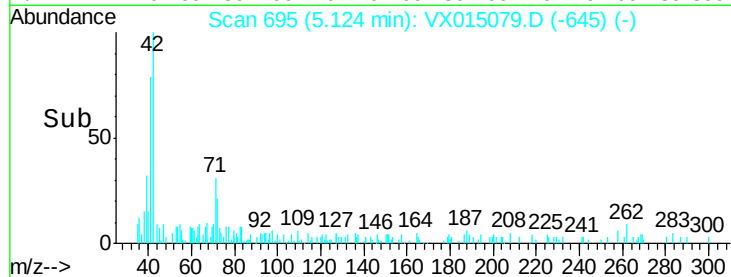
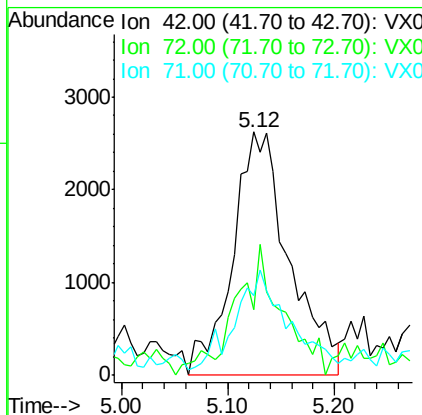
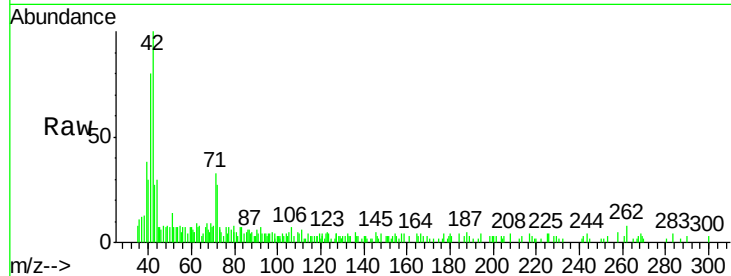
ClientSampled :

VSTDIC001

Tot Ion:	42	Resp:	9754
Ion Ratio		Lower	Upper
42	100		
72	40.3	36.4	54.6
71	29.4	33.3	49.9#

Manual Integrations
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3/5/2020 12:32:17 PM



#30

Chloroform

Concen: 1.004 ug/l

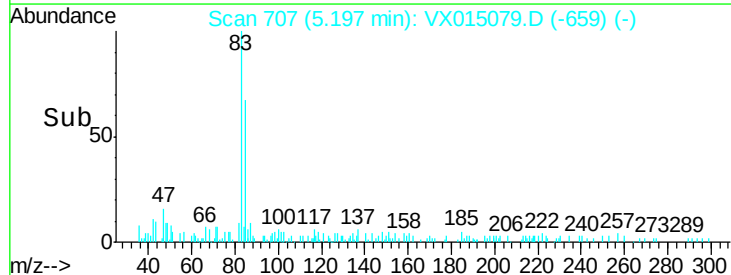
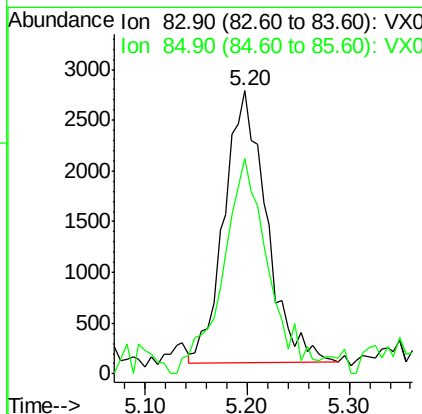
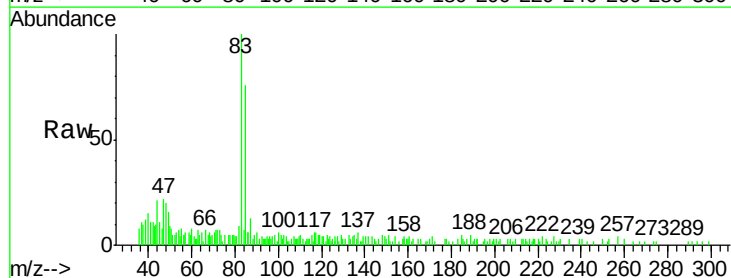
RT: 5.20 min Scan# 707

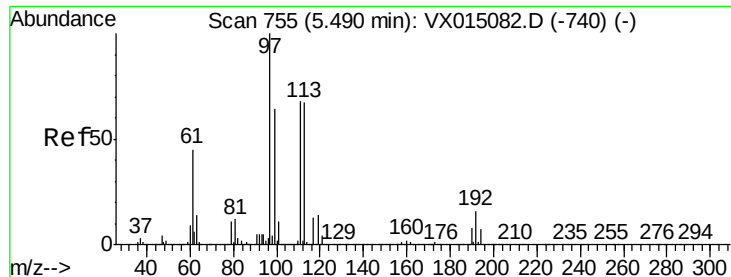
Delta R.T. -0.01 min

Lab File: VX015079.D

Acq: 04 Mar 2020 08:39

Tgt Ion:	83	Resp:	7702
Ion Ratio		Lower	Upper
83	100		
85	73.9	52.0	78.0





#32

1,1,1-Trichloroethane

Concen: 0.933 ug/l

RT: 5.47 min Scan# 752

Delta R.T. -0.02 min

Lab File: VX015079.D

Acq: 04 Mar 2020 08:39

Instrument :

MSVOA_X

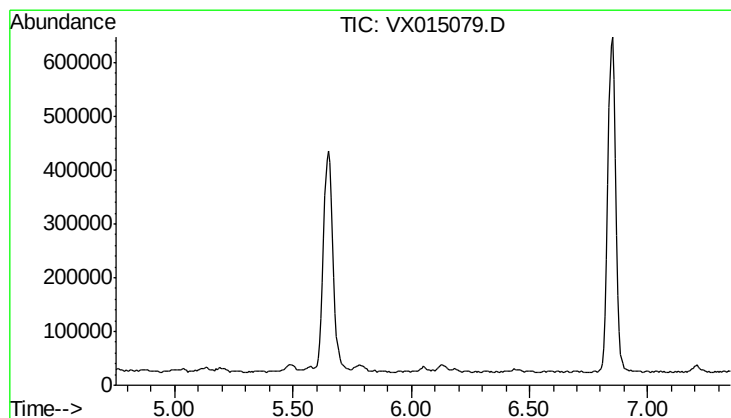
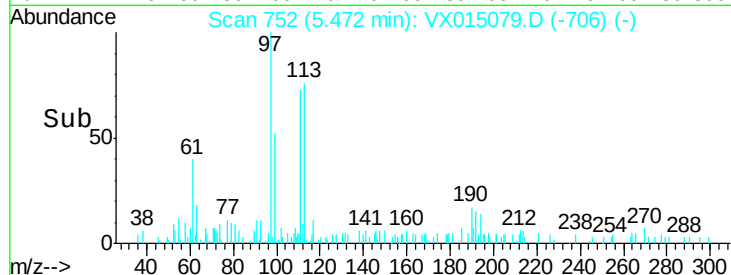
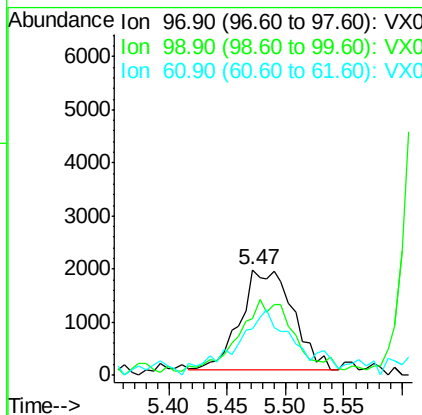
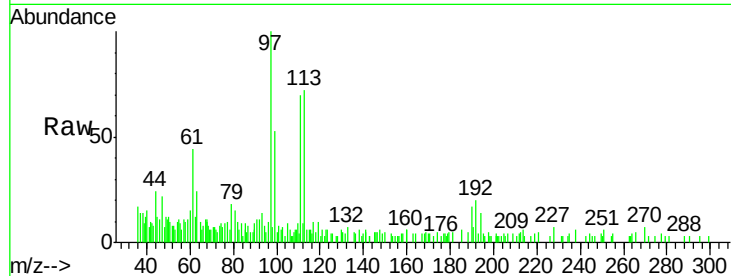
ClientSampleId :

VSTDIC001

Tot Ion:	97	Resp:	5930
Ion Ratio	Lower	Upper	
97	100		
99	0.0	52.8	79.2#
61	66.1	36.6	54.8#

Manual Integrations
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#33

1,2-Dichloroethane-d4

Concen: 0.000 ug/l

Expected RT: 6.05 min

Lab File: VX015079.D

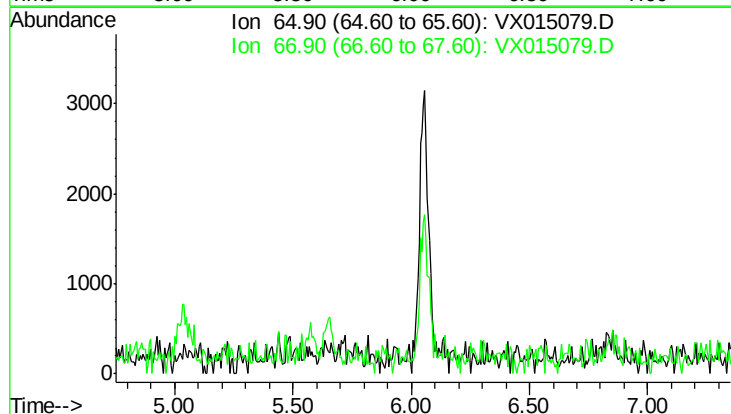
Acq: 04 Mar 2020 08:39

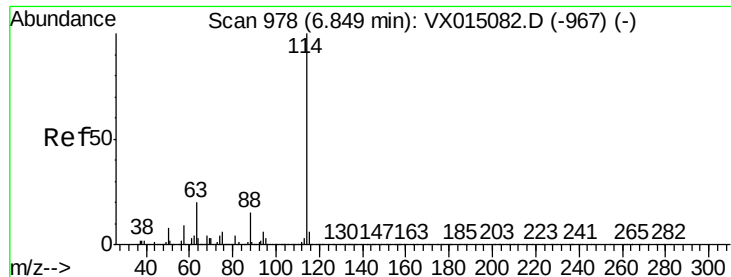
Tgt Ion: 65

Sig Exp Ratio

65 100

67 52.8





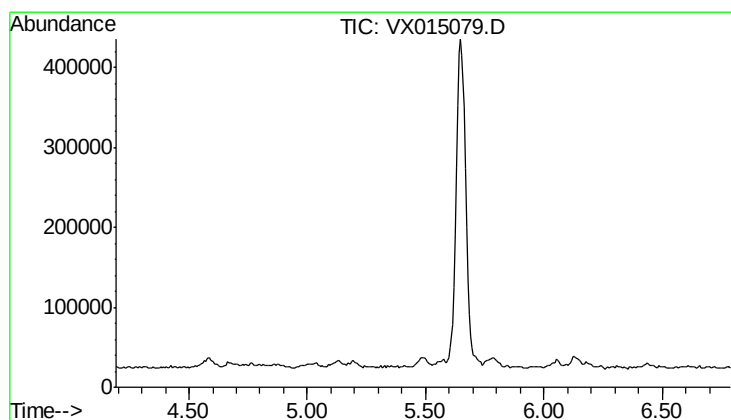
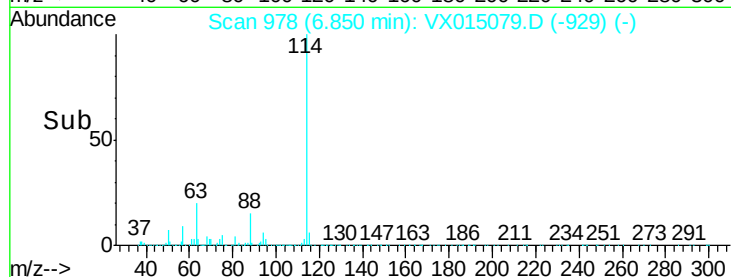
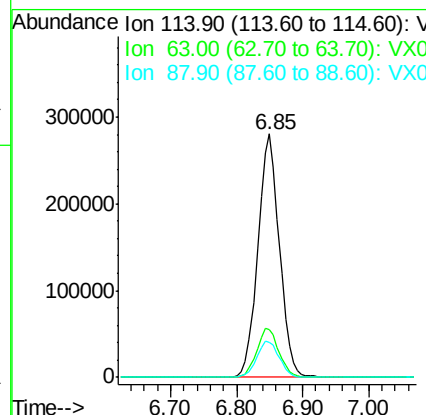
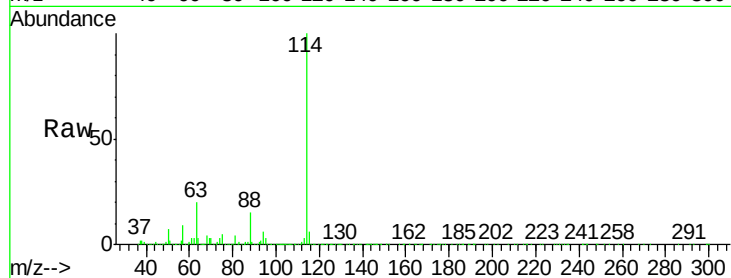
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX015079.D
Acq: 04 Mar 2020 08:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Resp Lower	Resp Upper
114	100		
63	19.5	0.0	40.0
88	14.6	0.0	30.6

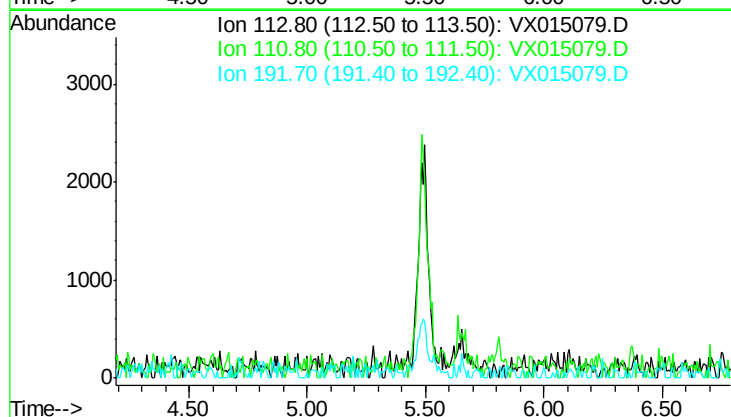
Manual Integrations
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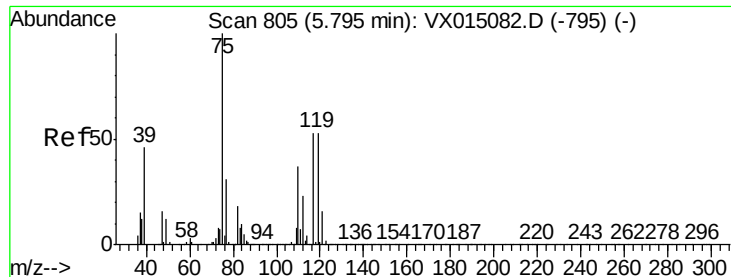
MMDadoda
3/5/2020 12:32:17 PM



#35
Dibromofluoromethane
Concen: 0.000 ug/l
Expected RT: 5.49 min
Lab File: VX015079.D
Acq: 04 Mar 2020 08:39

Tgt Ion	Exp Ratio
113	100
111	103.2
192	23.3





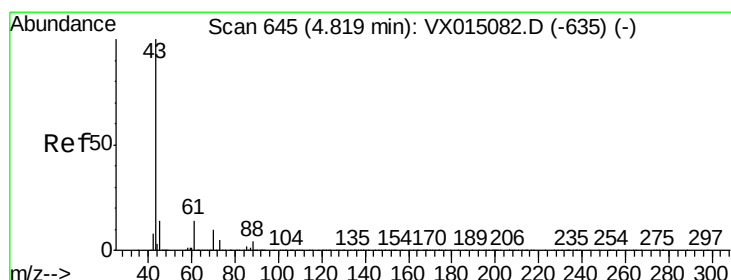
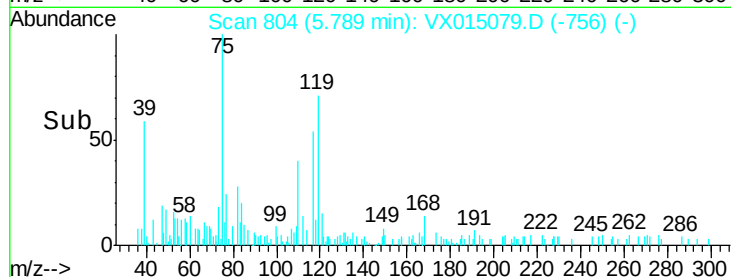
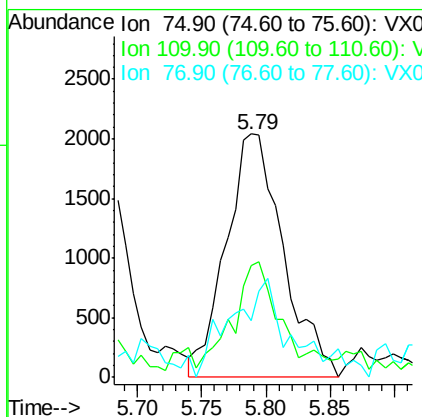
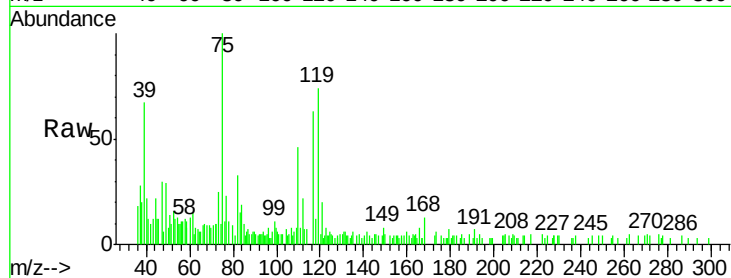
#36
 1,1-Dichloropropene
 Concen: 1.072 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX015079.D
 Acq: 04 Mar 2020 08:39

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
75	100		
110	34.4	17.9	53.8
77	40.1	24.8	37.2#

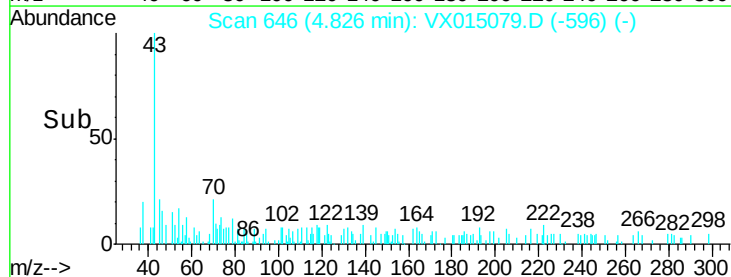
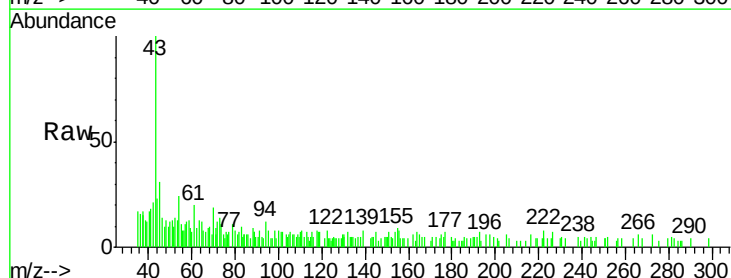
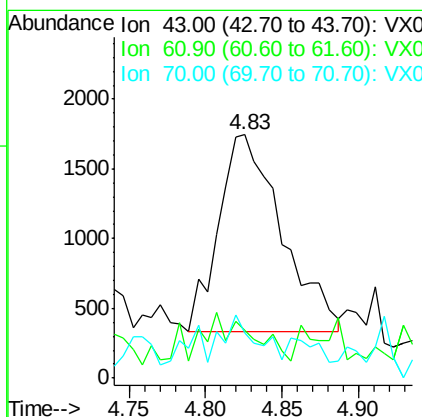
Manual Integrations
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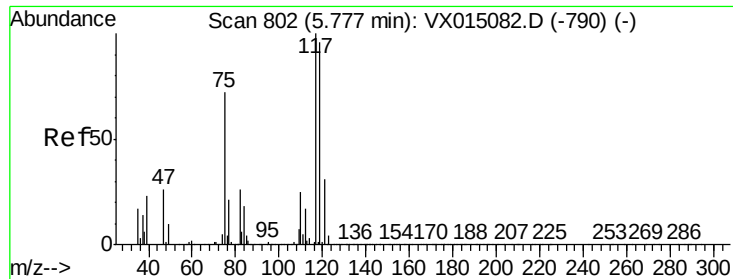
MMDadoda
 3/5/2020 12:32:17 PM



#37
 Ethyl Acetate
 Concen: 0.742 ug/l
 RT: 4.83 min Scan# 646
 Delta R.T. 0.01 min
 Lab File: VX015079.D
 Acq: 04 Mar 2020 08:39

Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.0	16.4#
70	12.5	8.1	12.1#





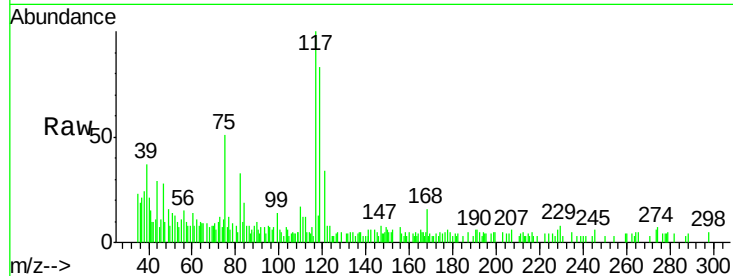
#38
Carbon Tetrachloride
Concen: 1.072 ug/l
RT: 5.76 min Scan# 800
Delta R.T. -0.01 min
Lab File: VX015079.D
Acq: 04 Mar 2020 08:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
117	100		
119	78.6	76.9	115.3
121	34.0	24.6	37.0

Manual Integrations
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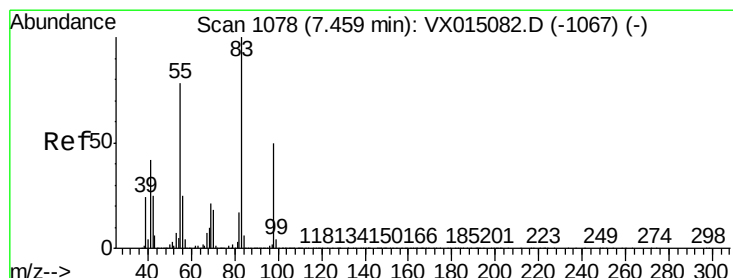
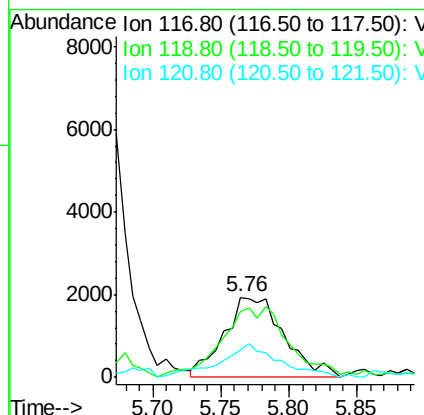
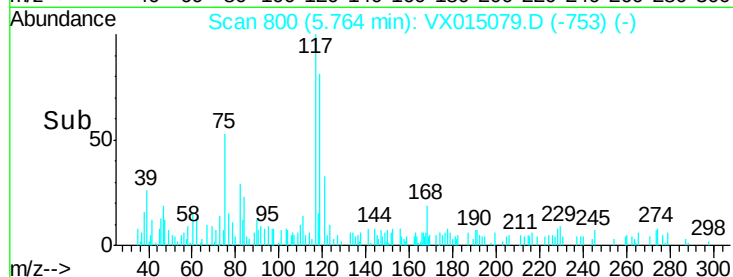


Abundance

Ion 116.80 (116.50 to 117.50): V

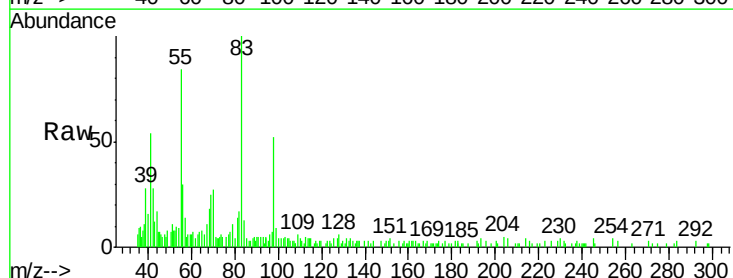
Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39
Methylcyclohexane
Concen: 0.938 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX015079.D
Acq: 04 Mar 2020 08:39

Tgt Ion	Ratio	Lower	Upper
83	100		
55	81.8	62.4	93.6
98	49.6	39.7	59.5

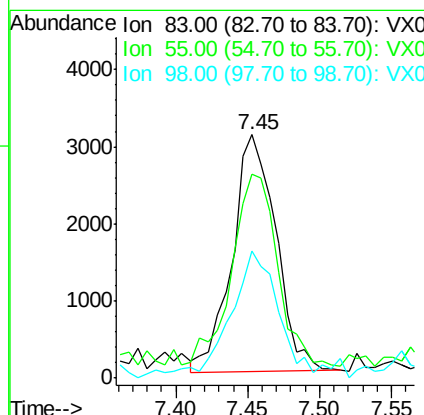
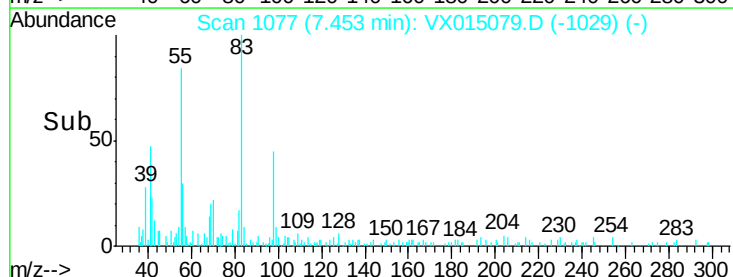


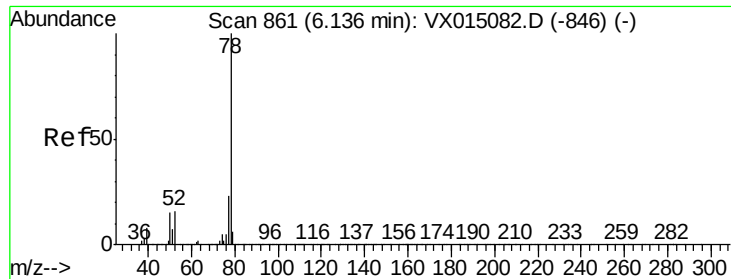
Abundance

Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 0.990 ug/l

RT: 6.13 min Scan# 860

Delta R.T. -0.01 min

Lab File: VX015079.D

Acq: 04 Mar 2020 08:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 78 Resp: 17296

Ion Ratio Lower Upper

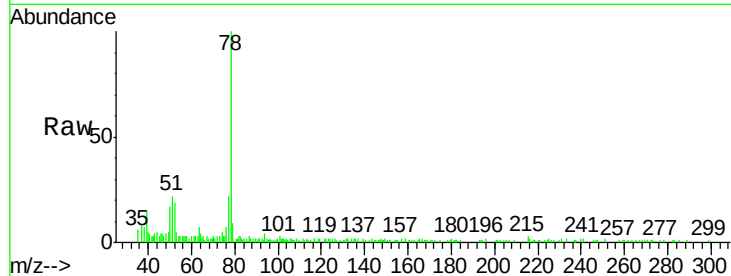
78 100

77 18.5 18.6 28.0#

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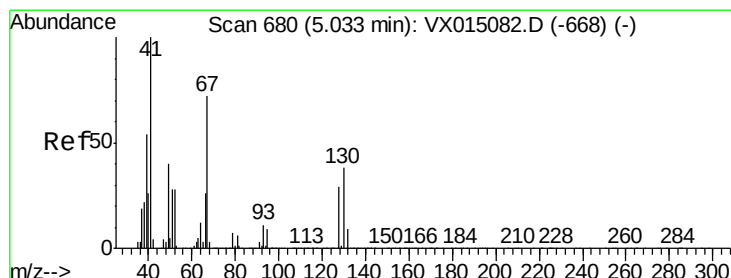
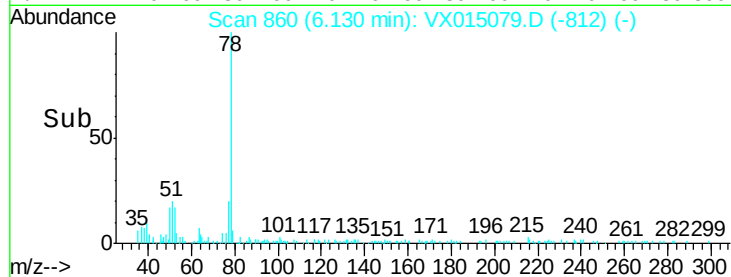
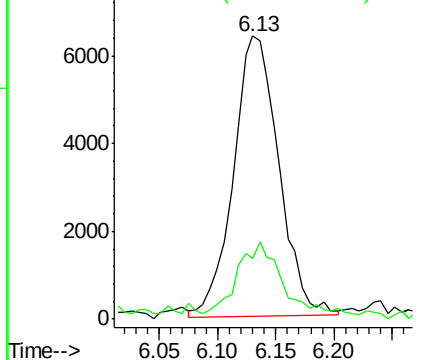
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Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#41

Methacrylonitrile

Concen: 1.117 ug/l m

RT: 5.03 min Scan# 680

Delta R.T. 0.00 min

Lab File: VX015079.D

Acq: 04 Mar 2020 08:39

Tgt Ion: 41 Resp: 3382

Ion Ratio Lower Upper

41 100

39 48.1 43.9 65.9

67 97.3 57.8 86.8#

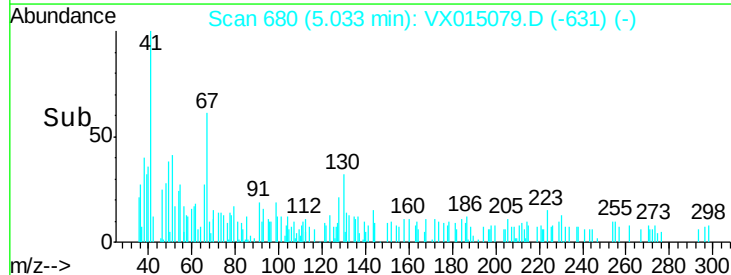
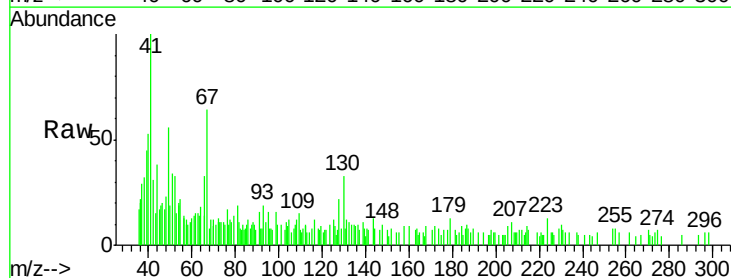
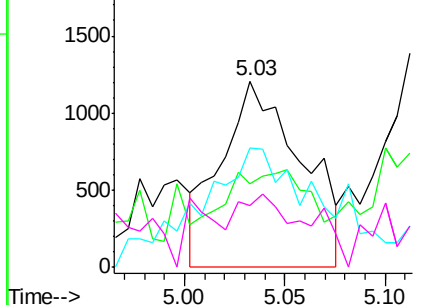
52 10.1 22.6 34.0#

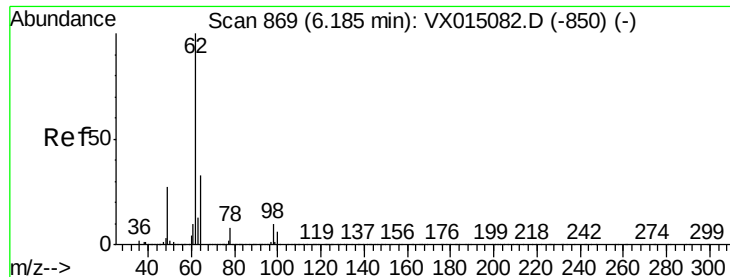
Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0





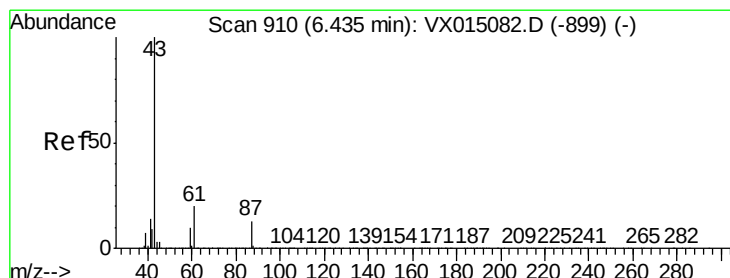
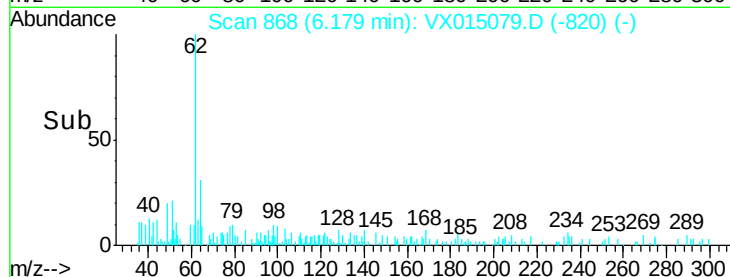
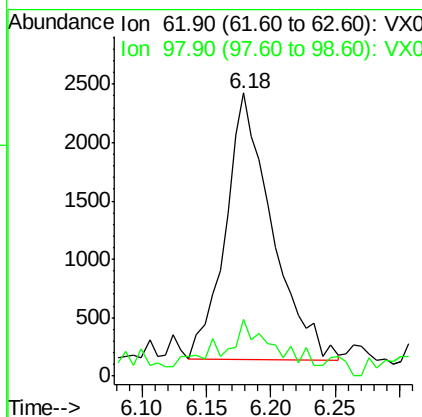
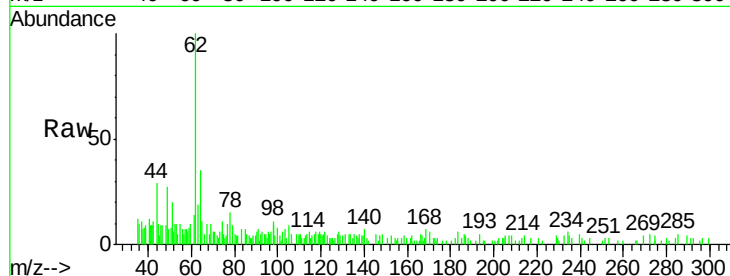
#42
1,2-Dichloroethane
Concen: 0.950 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX015079.D
Acq: 04 Mar 2020 08:39

Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
62	100		
98	13.6	0.0	20.6

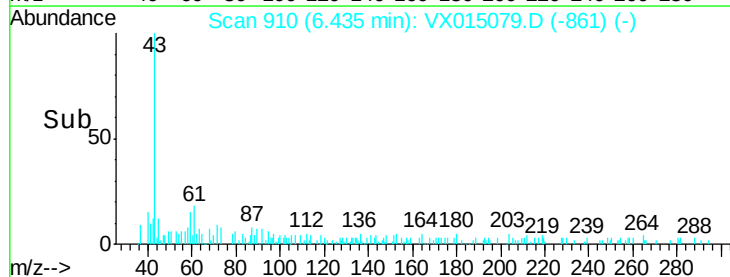
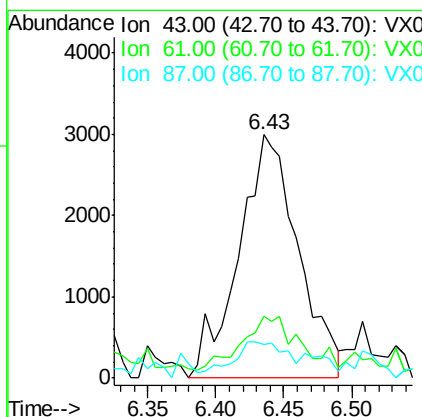
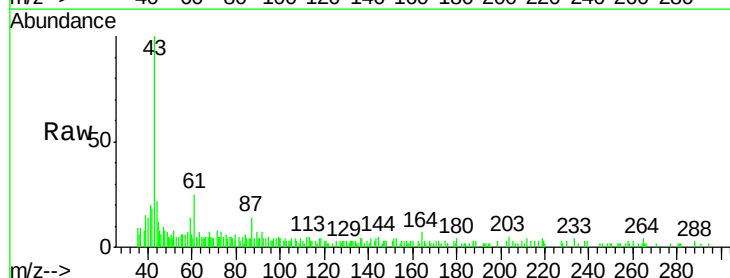
Manual Integrations
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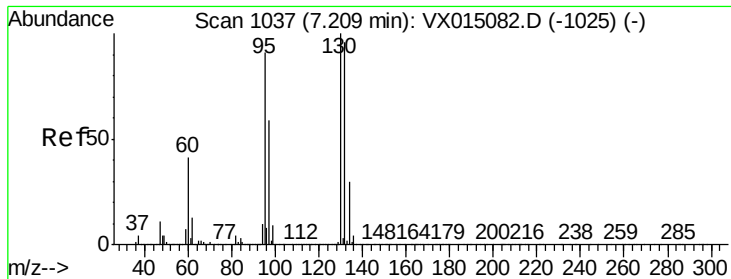
MMDadoda
3/5/2020 12:32:17 PM



#43
Isopropyl Acetate
Concen: 0.954 ug/l
RT: 6.43 min Scan# 910
Delta R.T. 0.00 min
Lab File: VX015079.D
Acq: 04 Mar 2020 08:39

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.6	16.1	24.1
87	9.7	10.6	16.0#





#44

Trichloroethene

Concen: 1.036 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX015079.D

Acq: 04 Mar 2020 08:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:130 Resp: 5037

Ion Ratio Lower Upper

130 100

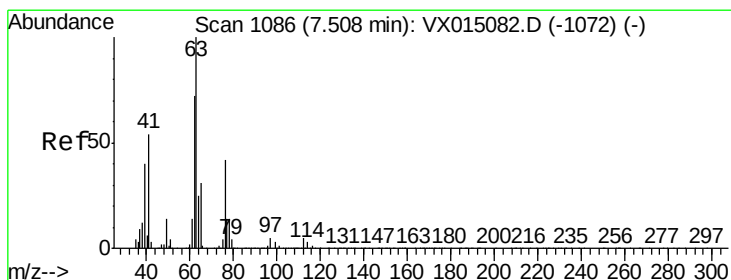
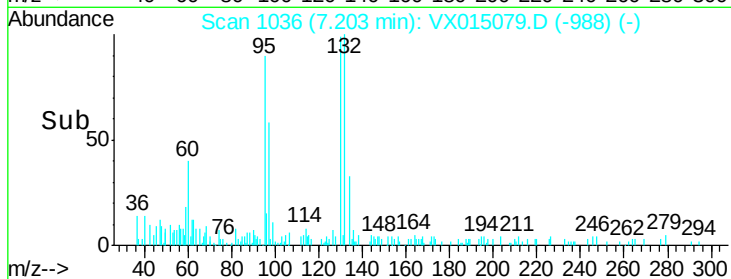
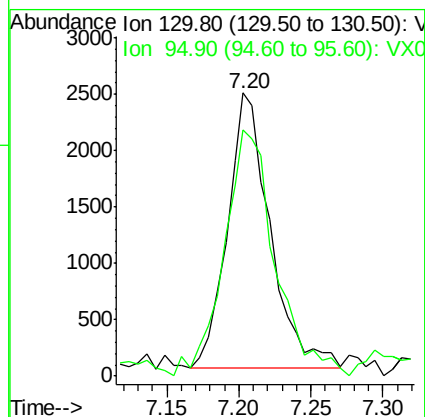
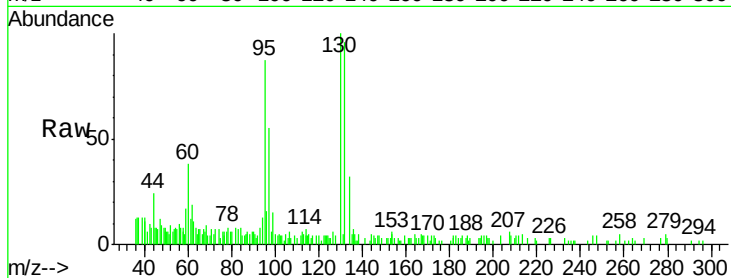
95 86.6 0.0 181.2

Manual Integrations

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#45

1,2-Dichloropropane

Concen: 0.951 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX015079.D

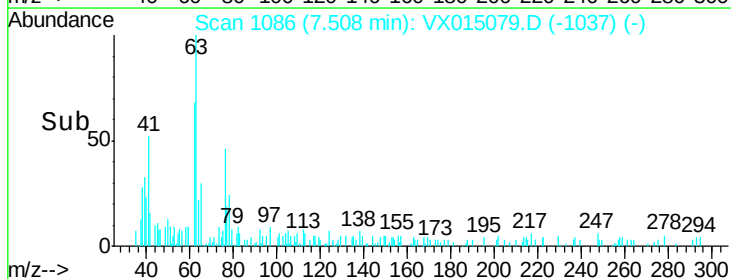
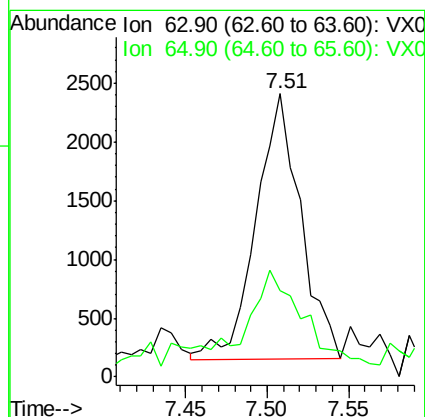
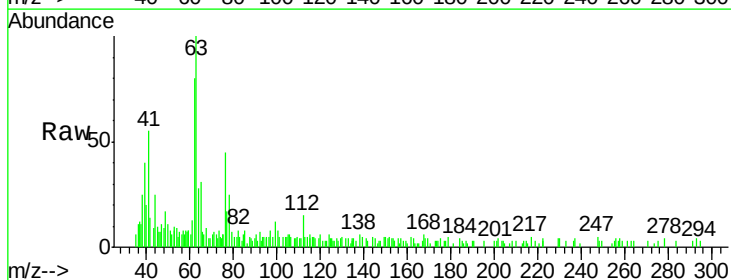
Acq: 04 Mar 2020 08:39

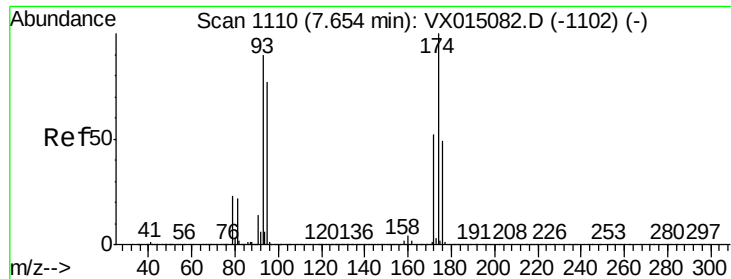
Tgt Ion: 63 Resp: 4300

Ion Ratio Lower Upper

63 100

65 22.9 24.6 36.8#





#46

Dibromomethane

Concen: 1.044 ug/l

RT: 7.66 min Scan# 1111

Delta R.T. 0.01 min

Lab File: VX015079.D

Acq: 04 Mar 2020 08:39

Instrument :

MSVOA_X

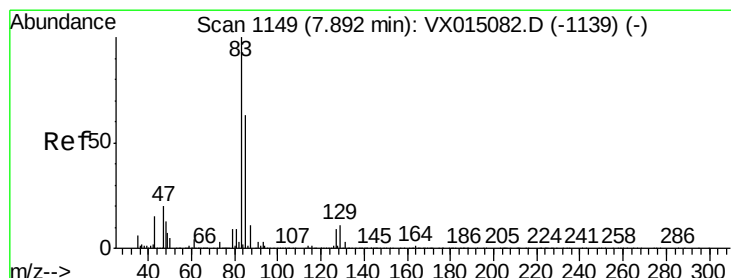
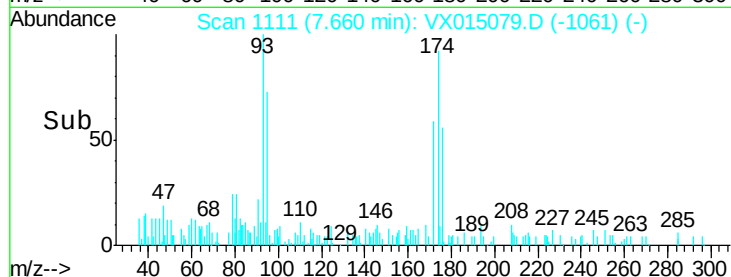
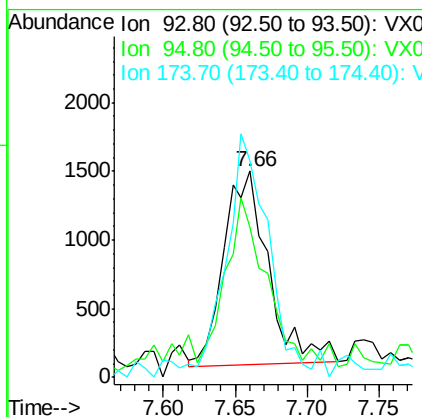
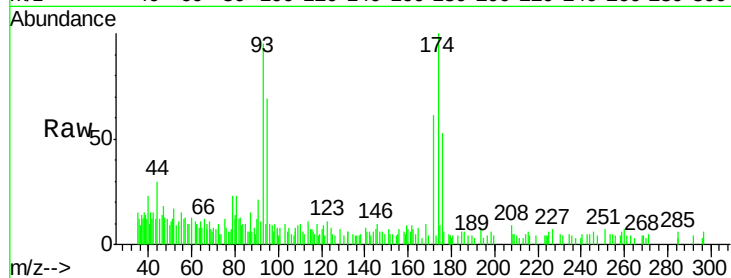
ClientSampled :

VSTDIC001

Tot Ion:	93	Resp:	3075
Ion	Ratio	Lower	Upper
93	100		
95	73.4	67.8	101.8
174	116.2	91.0	136.4

Manual Integrations
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3/5/2020 12:32:17 PM



#47

Bromodichloromethane

Concen: 0.994 ug/l

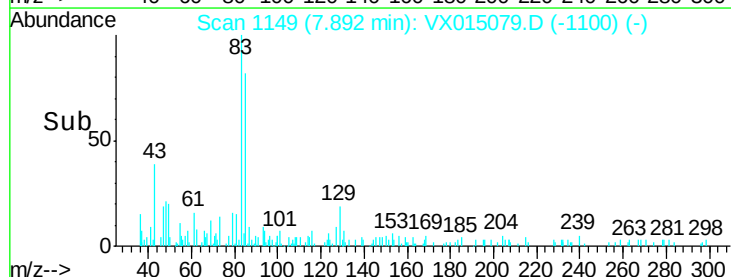
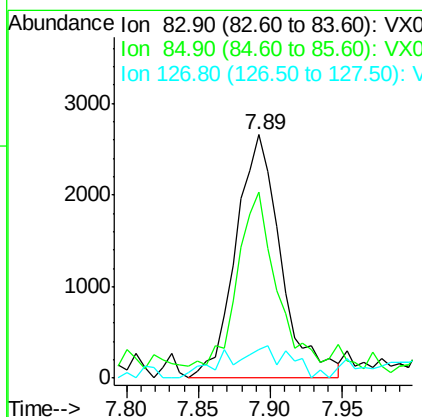
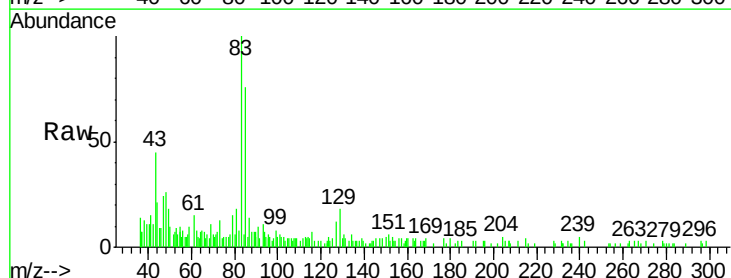
RT: 7.89 min Scan# 1149

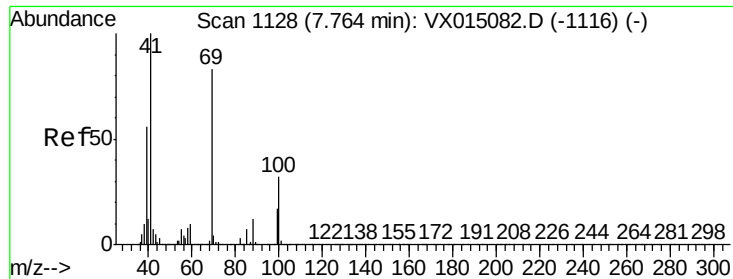
Delta R.T. 0.00 min

Lab File: VX015079.D

Acq: 04 Mar 2020 08:39

Tgt Ion:	83	Resp:	5788
Ion	Ratio	Lower	Upper
83	100		
85	71.4	50.6	75.8
127	9.6	7.1	10.7





#48

Methvl methacrylate

Concen: 1.062 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX015079.D

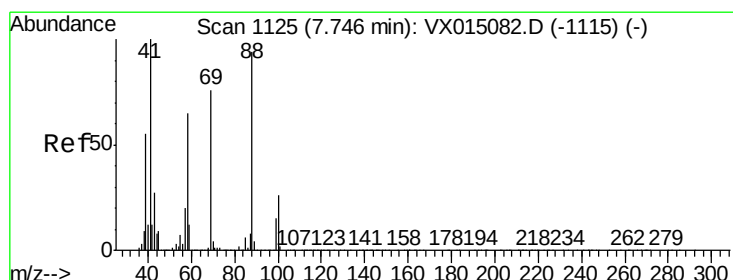
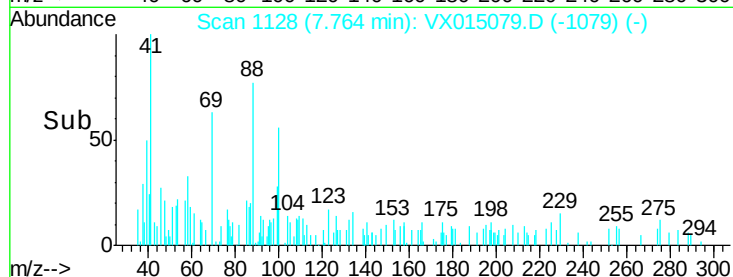
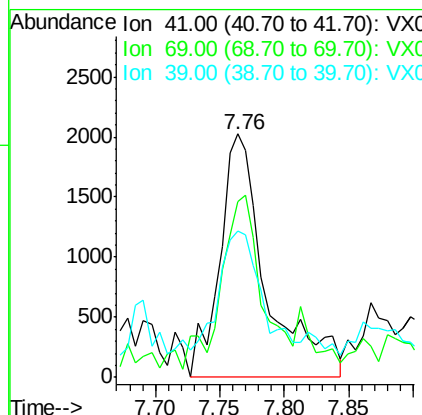
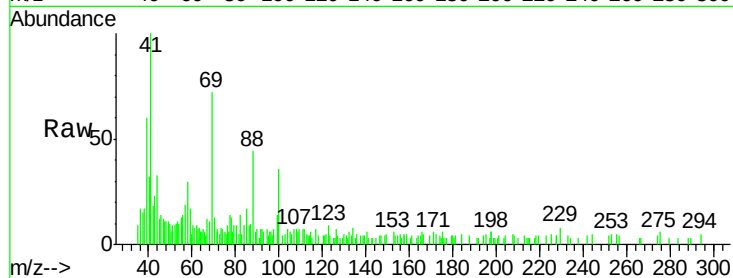
Acq: 04 Mar 2020 08:39

Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
41	100		
69	61.8	65.4	98.2#
39	40.6	44.6	67.0#

Manual Integrations
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MMDadoda
3/5/2020 12:32:17 PM



#49

1,4-Dioxane

Concen: 22.093 ug/l

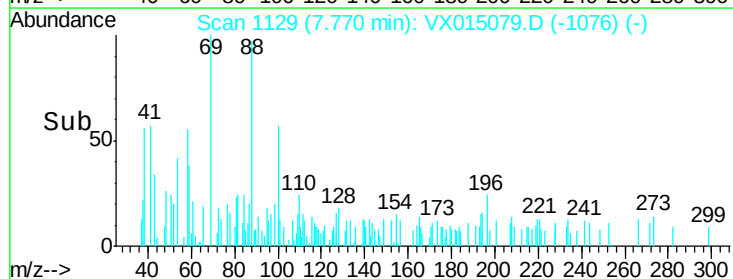
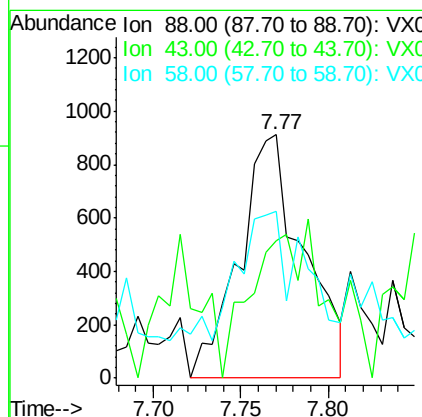
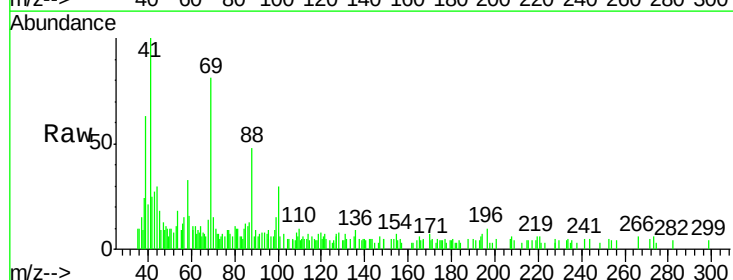
RT: 7.77 min Scan# 1129

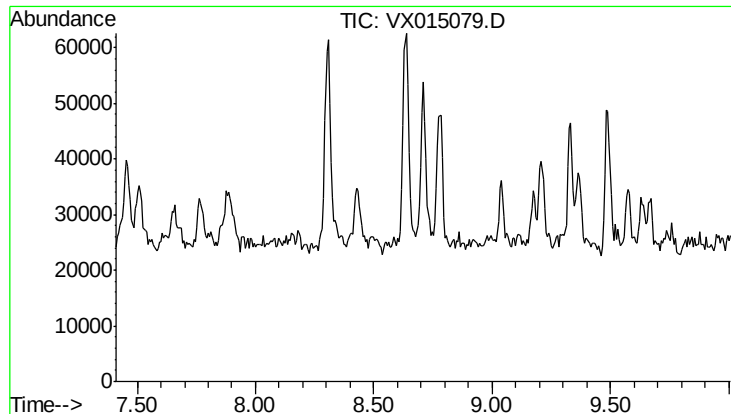
Delta R.T. 0.02 min

Lab File: VX015079.D

Acq: 04 Mar 2020 08:39

Tgt Ion	Ratio	Lower	Upper
88	100		
43	74.2	27.0	40.4#
58	37.9	55.6	83.4#





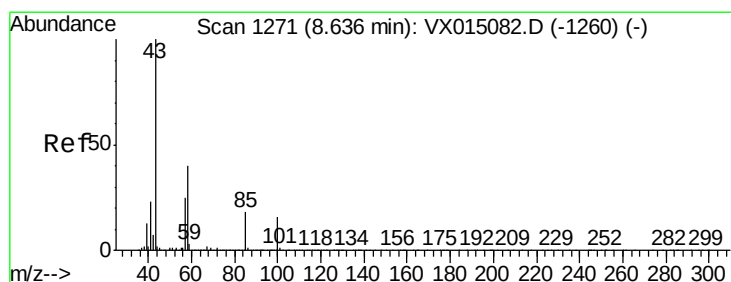
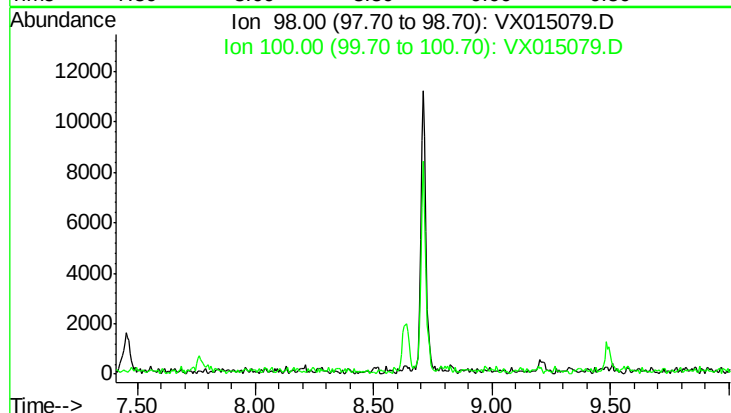
#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 8.71 min
Lab File: VX015079.D
Acq: 04 Mar 2020 08:39

Tot Ion: 98
Sig Exp Ratio
98 100
100 65.5

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

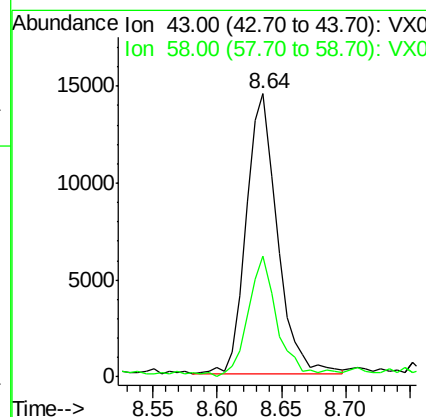
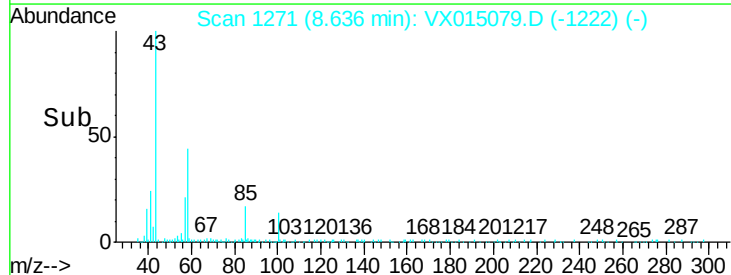
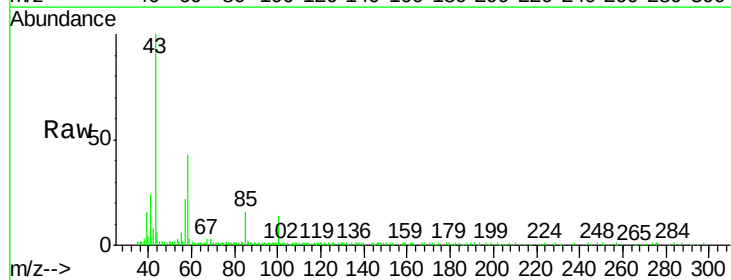
Manual Integrations
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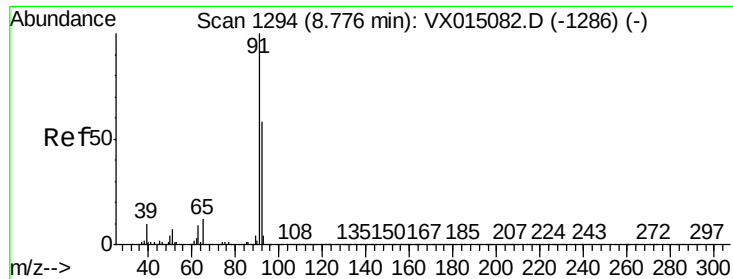
MMDadoda
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#51
4-Methyl-2-Pentanone
Concen: 4.204 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX015079.D
Acq: 04 Mar 2020 08:39

Tgt Ion: 43 Resp: 23877
Ion Ratio Lower Upper
43 100
58 40.2 31.6 47.4





#52

Toluene

Concen: 0.906 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX015079.D

Acq: 04 Mar 2020 08:39

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

Tot Ion: 92 Resp: 9669

Ion Ratio Lower Upper

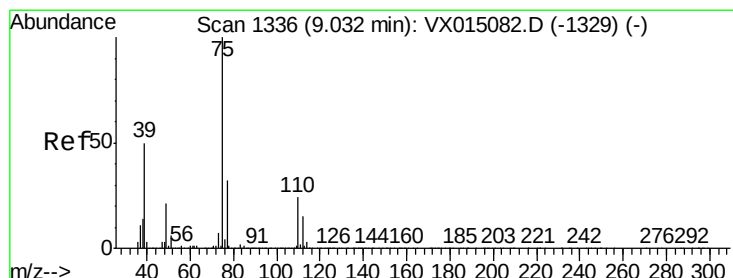
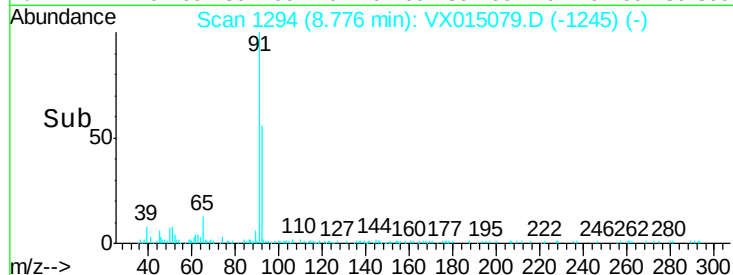
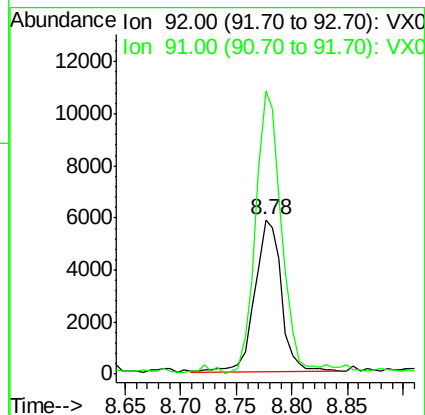
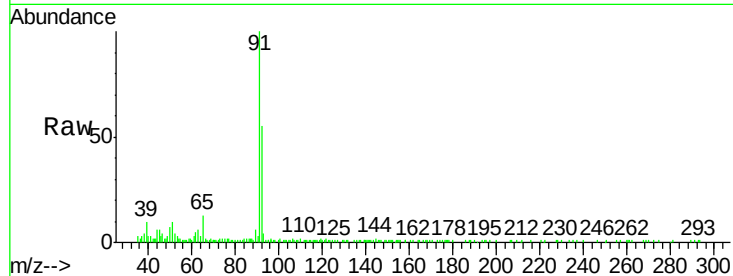
92 100

91 182.0 136.9 205.3

Manual Integrations
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#53

t-1,3-Dichloropropene

Concen: 0.821 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.01 min

Lab File: VX015079.D

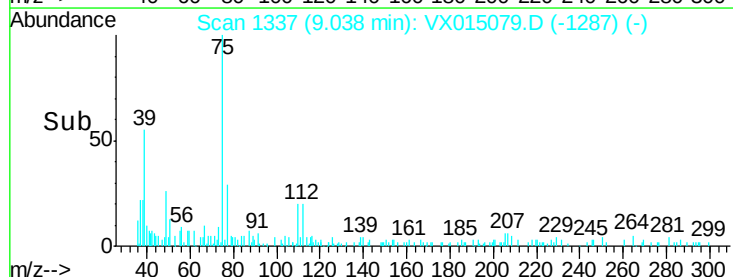
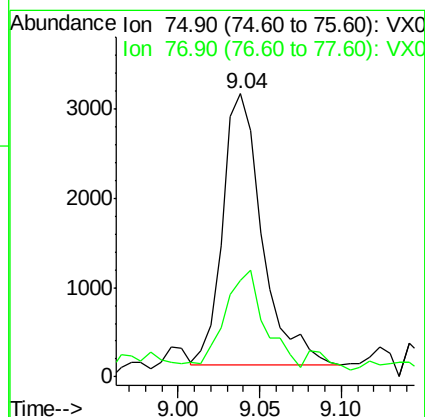
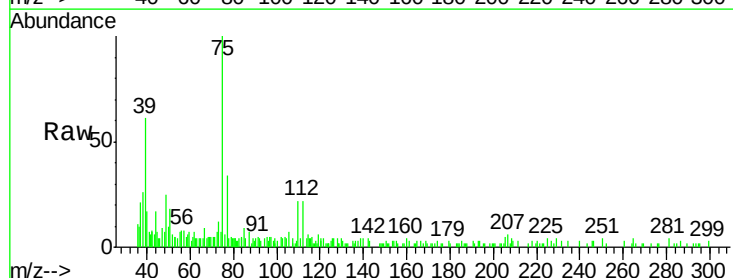
Acq: 04 Mar 2020 08:39

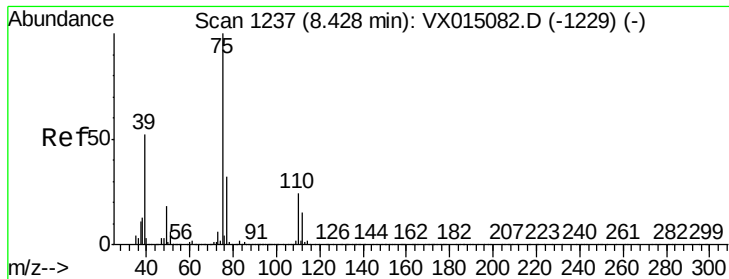
Tgt Ion: 75 Resp: 5124

Ion Ratio Lower Upper

75 100

77 31.2 25.4 38.0





#54

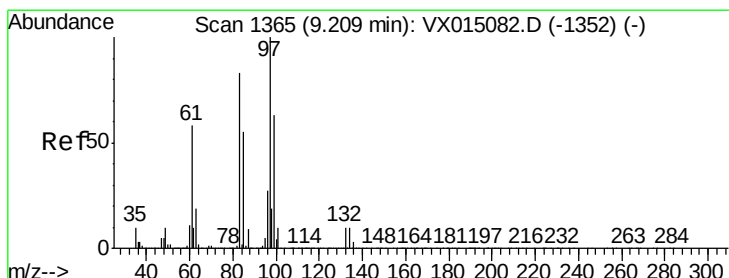
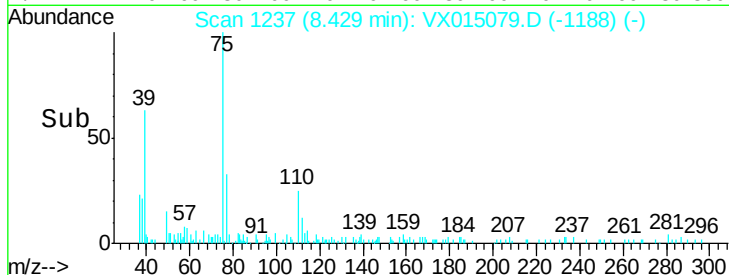
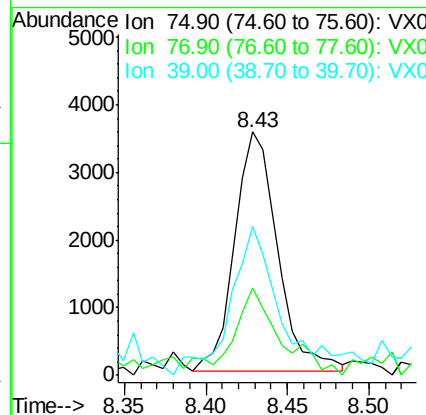
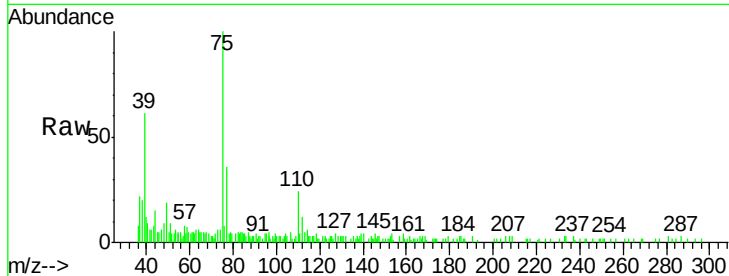
cis-1,3-Dichloropropene
 Concen: 0.926 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VX015079.D
 Acq: 04 Mar 2020 08:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	75	Resp	6488
Ion	Ratio	Lower	Upper
75	100		
77	33.9	25.8	38.6
39	54.7	41.3	61.9

Manual Integrations
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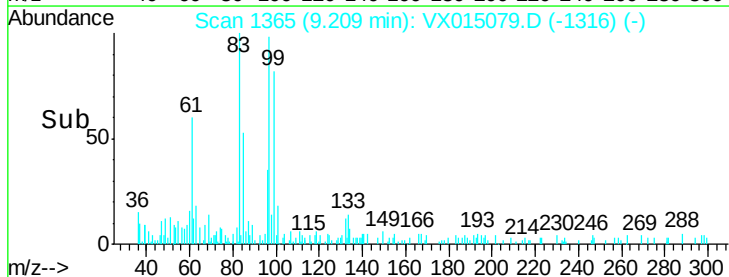
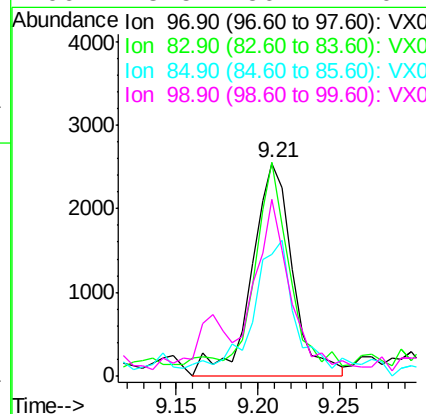
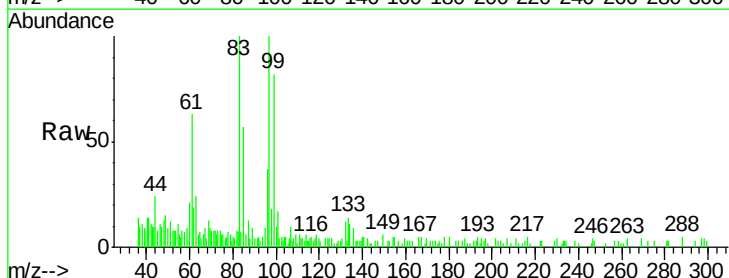
MMDadoda
 3/5/2020 12:32:17 PM

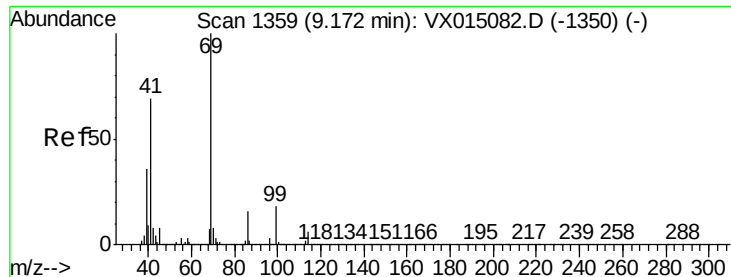


#55

1,1,2-Trichloroethane
 Concen: 1.003 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX015079.D
 Acq: 04 Mar 2020 08:39

Tgt Ion	97	Resp	4407
Ion	Ratio	Lower	Upper
97	100		
83	99.7	66.4	99.6#
85	54.2	43.5	65.3
99	78.5	50.7	76.1#





#56

Ethyl methacrylate

Concen: 0.762 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX015079.D

Acq: 04 Mar 2020 08:39

Instrument :

MSVOA_X

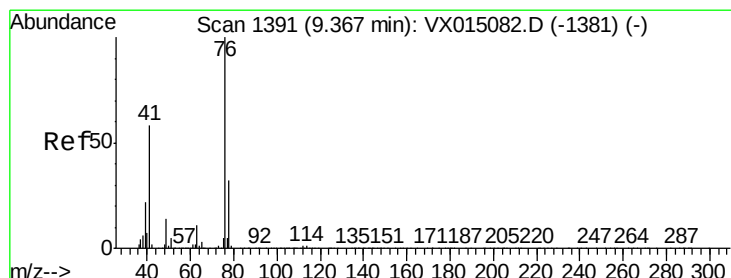
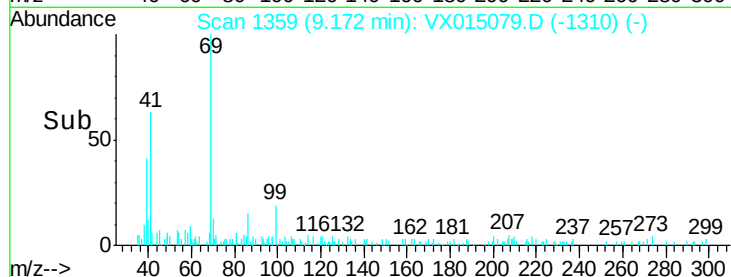
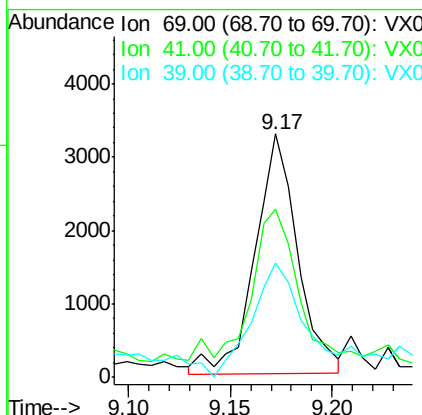
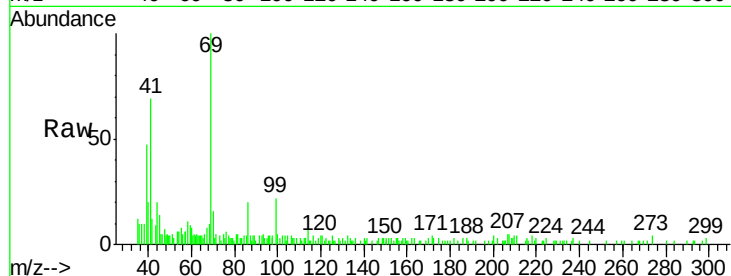
ClientSampleId :

VSTDIC001

Tot Ion:	69	Resp:	4775
Ion	Ratio	Lower	Upper
69	100		
41	67.6	55.8	83.8
39	57.7	29.4	44.2#

Manual Integrations
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#57

1,3-Dichloropropane

Concen: 0.970 ug/l

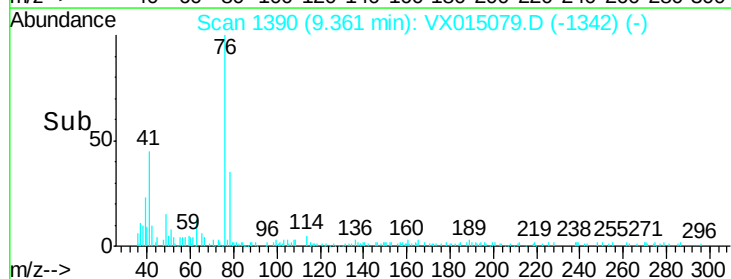
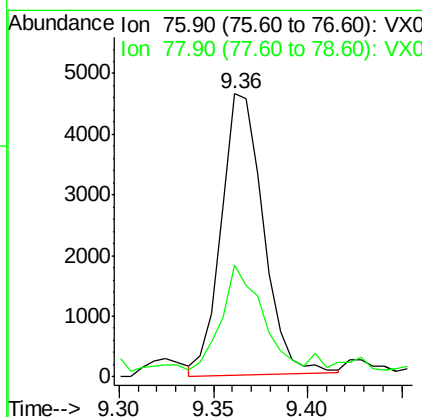
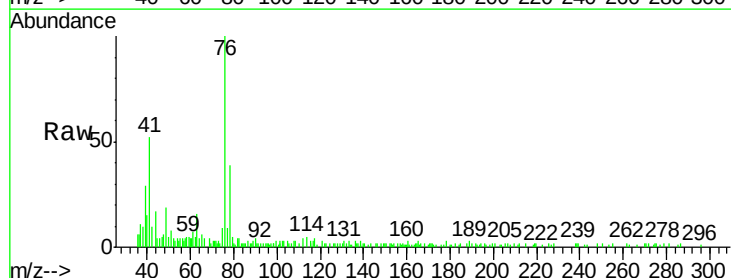
RT: 9.36 min Scan# 1390

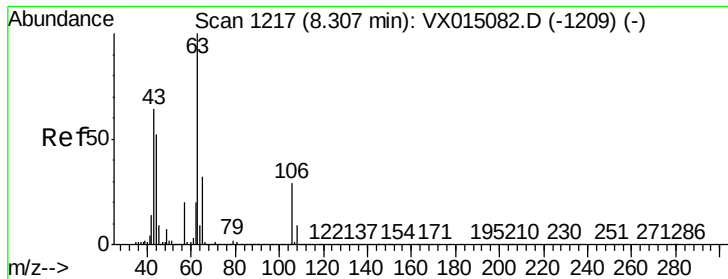
Delta R.T. -0.01 min

Lab File: VX015079.D

Acq: 04 Mar 2020 08:39

Tgt Ion:	76	Resp:	7173
Ion	Ratio	Lower	Upper
76	100		
78	35.3	25.6	38.4





#58

2-Chloroethyl Vinyl ether

Concen: 4.553 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX015079.D

Acq: 04 Mar 2020 08:39

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

Tot Ion: 63 Resp: 15550

Ion Ratio Lower Upper

63 100

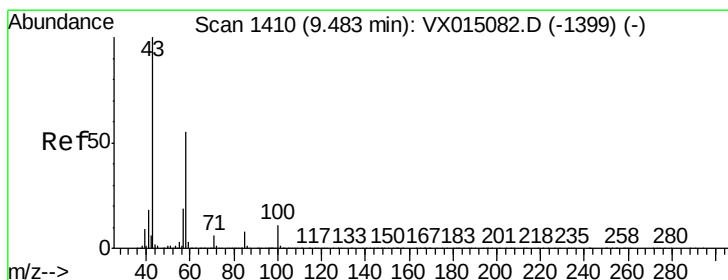
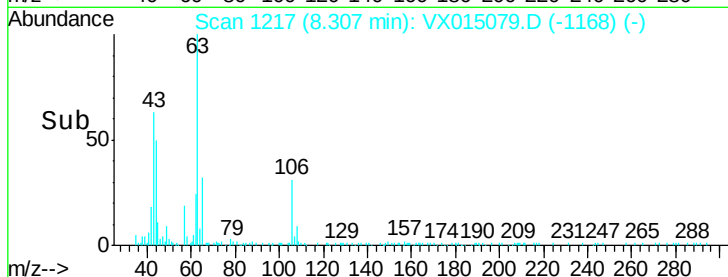
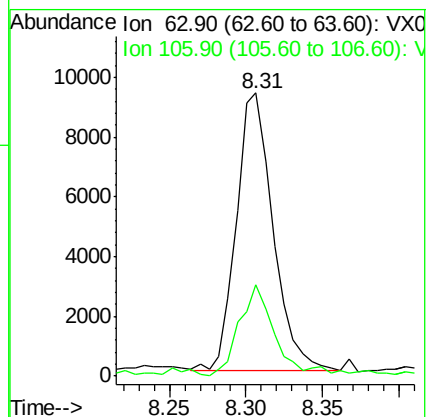
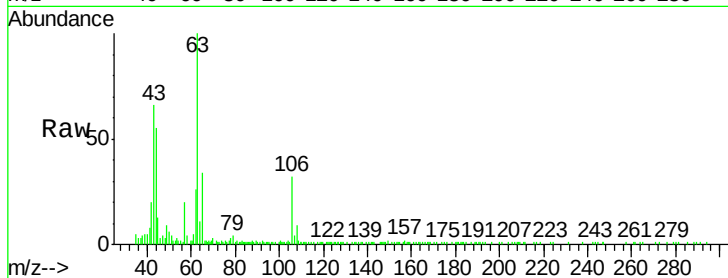
106 32.3 22.8 34.2

Manual Integrations

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#59

2-Hexanone

Concen: 3.789 ug/l

RT: 9.49 min Scan# 1411

Delta R.T. 0.01 min

Lab File: VX015079.D

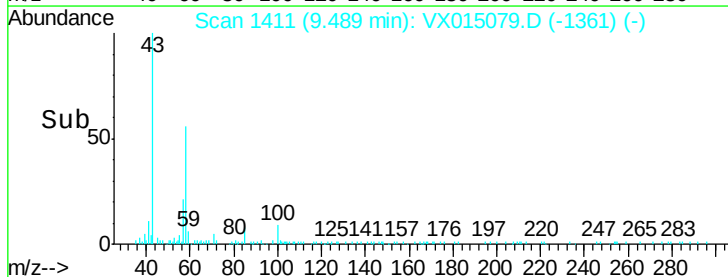
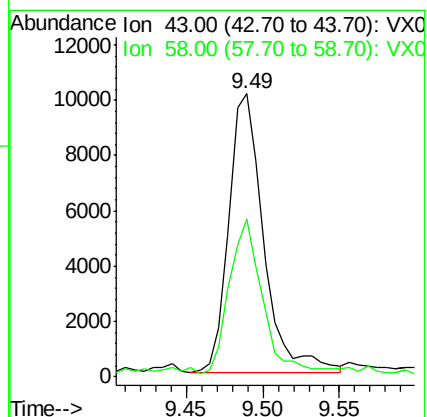
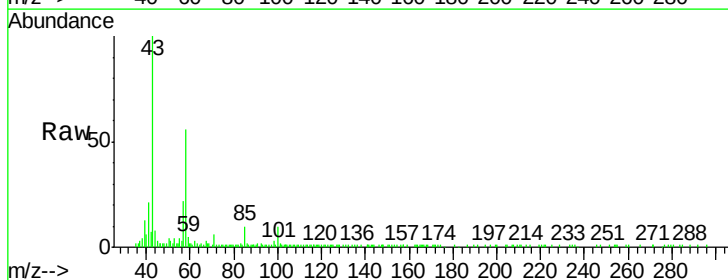
Acq: 04 Mar 2020 08:39

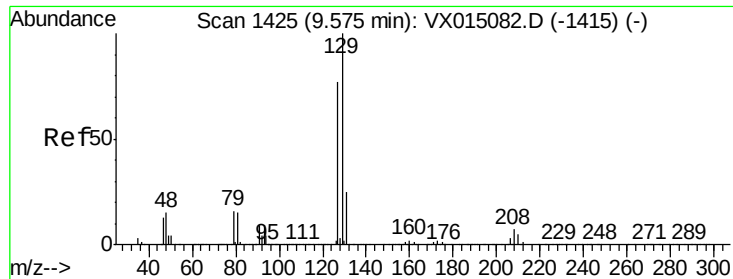
Tgt Ion: 43 Resp: 15949

Ion Ratio Lower Upper

43 100

58 51.9 27.3 81.8





#60

Dibromochloromethane

Concen: 1.000 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. 0.00 min

Lab File: VX015079.D

Acq: 04 Mar 2020 08:39

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

Tot Ion:129 Resp: 4618

Ion Ratio Lower Upper

129 100

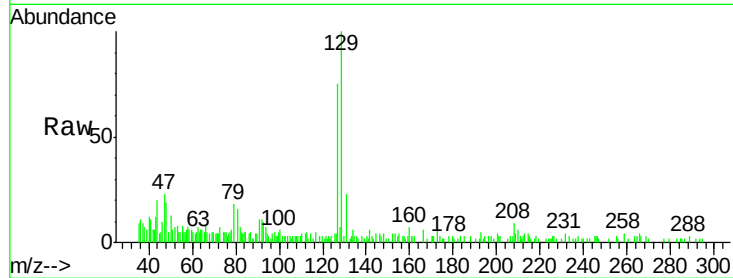
127 73.6 38.8 116.3

Manual Integrations

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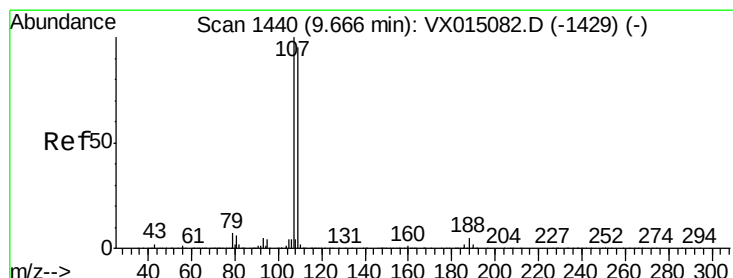
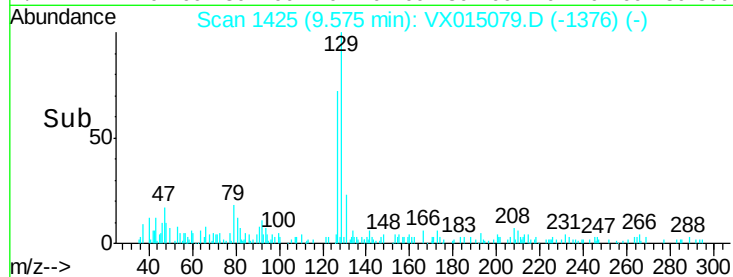
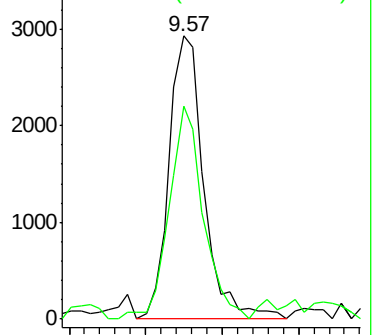
MMDadoda

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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 1.015 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX015079.D

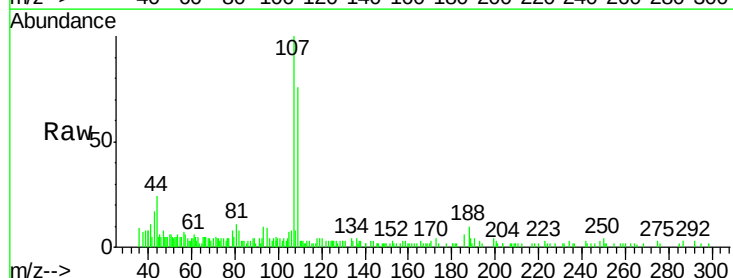
Acq: 04 Mar 2020 08:39

Tgt Ion:107 Resp: 4688

Ion Ratio Lower Upper

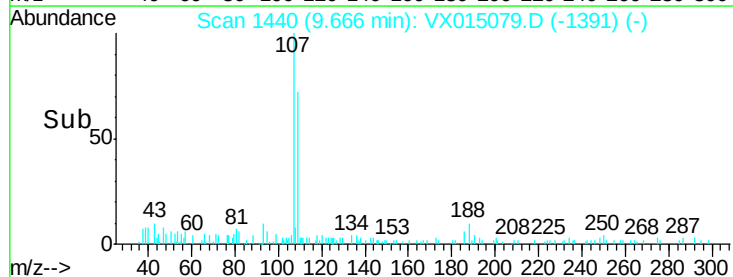
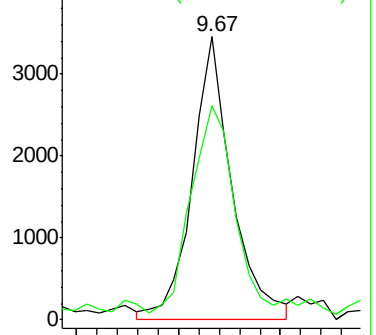
107 100

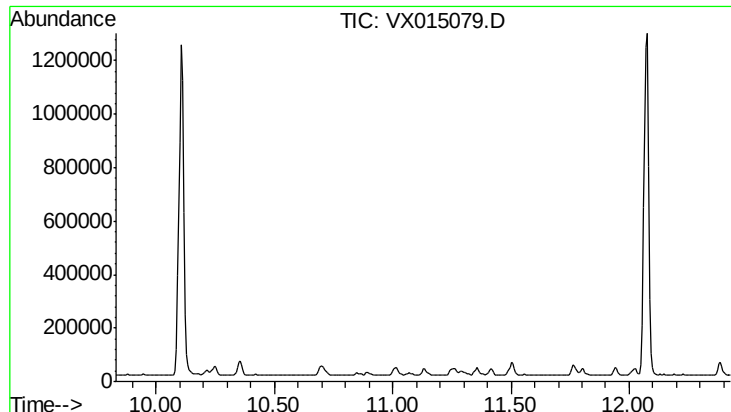
109 78.5 75.6 113.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 0.000 ug/l

Expected RT: 11.13 min

Lab File: VX015079.D

Acq: 04 Mar 2020 08:39

Tot Ion	95
Siq	Exp Ratio
95	100
174	88.8
176	85.1

Instrument :

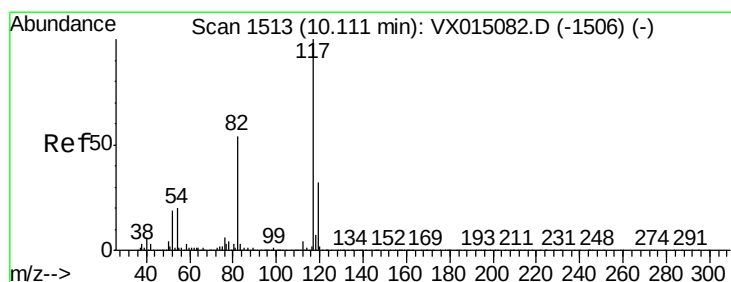
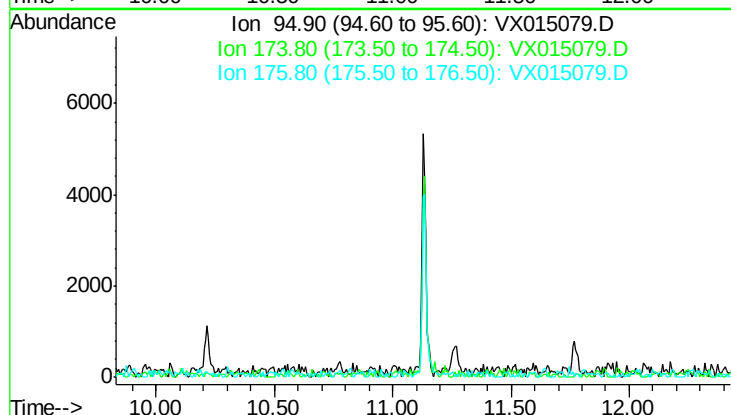
MSVOA_X

ClientSampleId :

VSTDIC001

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

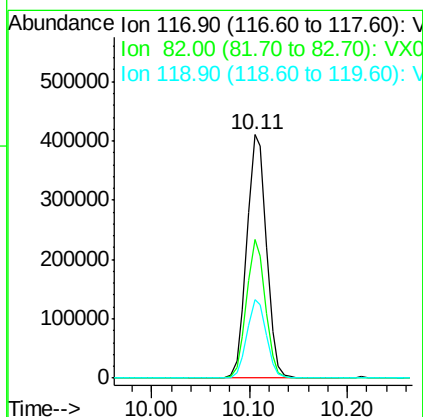
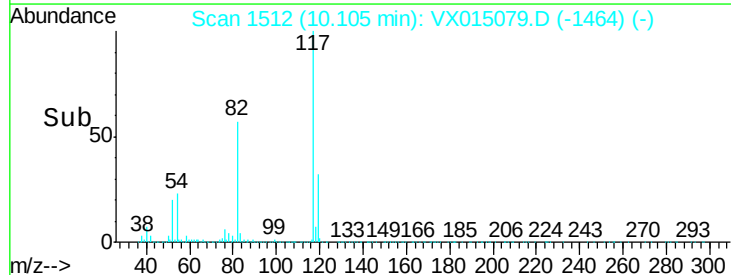
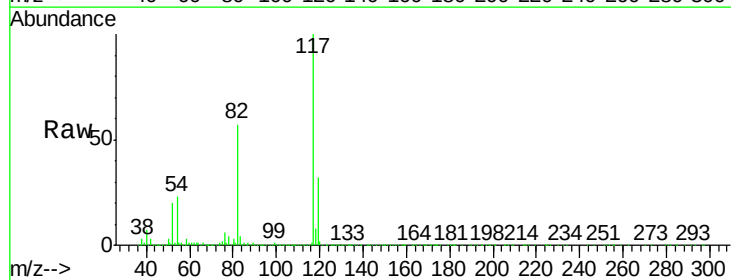
RT: 10.11 min Scan# 1512

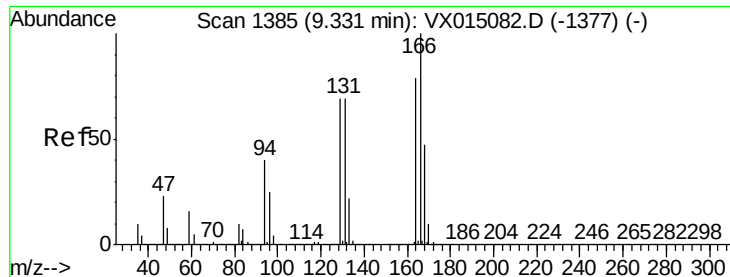
Delta R.T. -0.01 min

Lab File: VX015079.D

Acq: 04 Mar 2020 08:39

Tgt Ion	117	Resp	571667
Ion Ratio	Lower	Upper	
117	100		
82	57.1	43.3	64.9
119	32.3	25.8	38.8





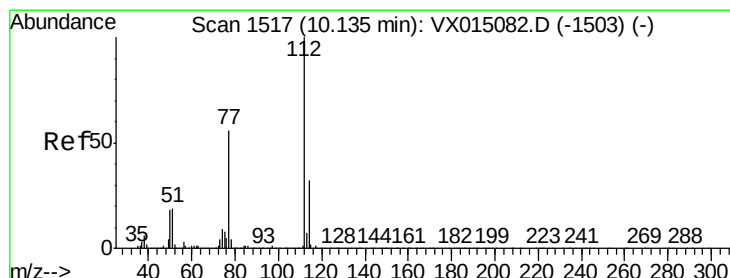
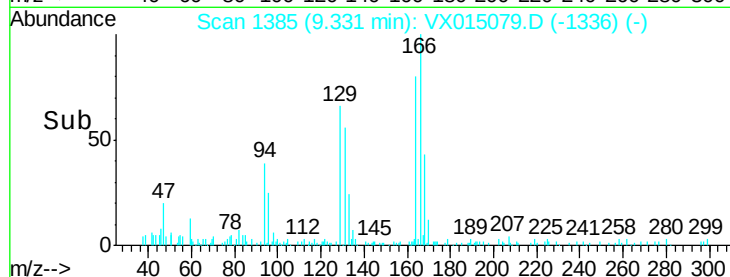
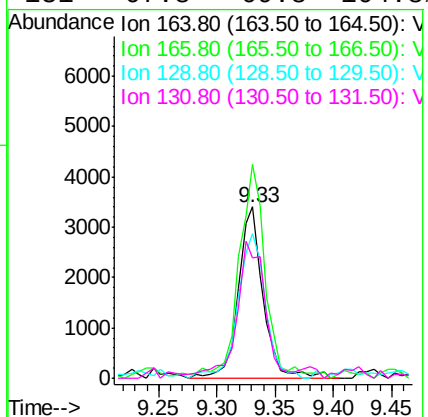
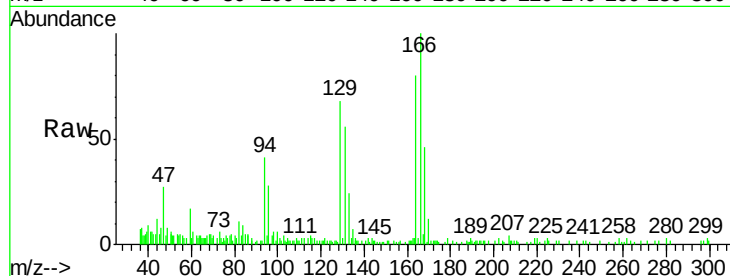
#64
Tetrachloroethene
Concen: 1.076 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX015079.D
Acq: 04 Mar 2020 08:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
164	100		
166	122.7	101.1	151.7
129	82.1	69.4	104.0
131	67.8	69.8	104.8#

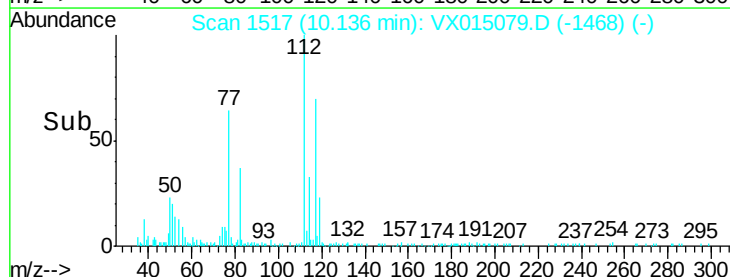
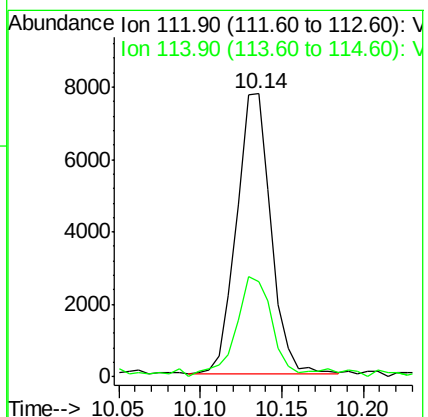
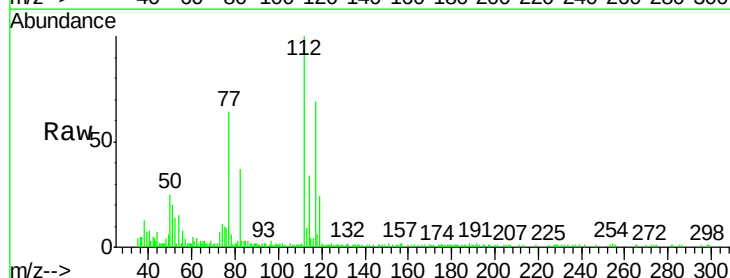
Manual Integrations
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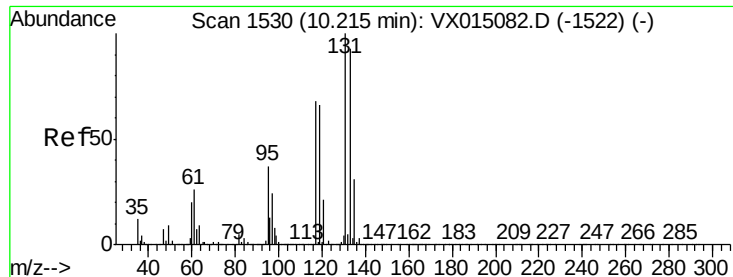
MMDadoda
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#65
Chlorobenzene
Concen: 0.995 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX015079.D
Acq: 04 Mar 2020 08:39

Tgt Ion	Ratio	Lower	Upper
112	100		
114	34.0	25.5	38.3





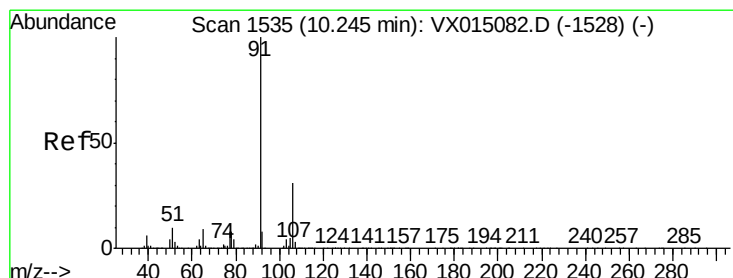
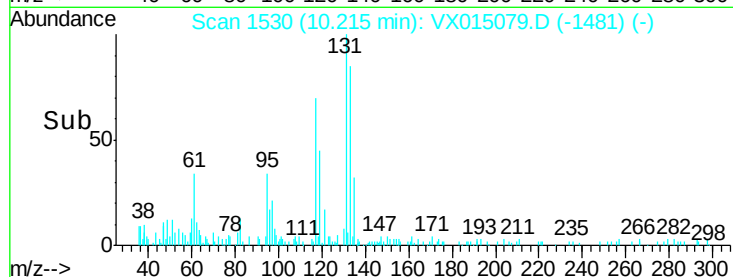
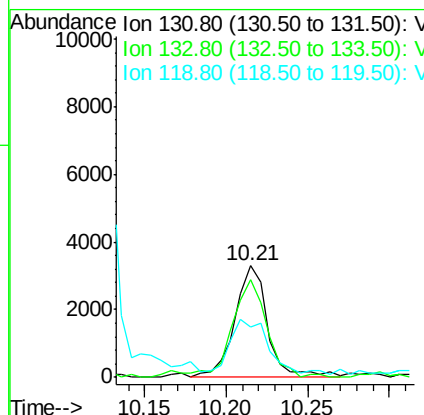
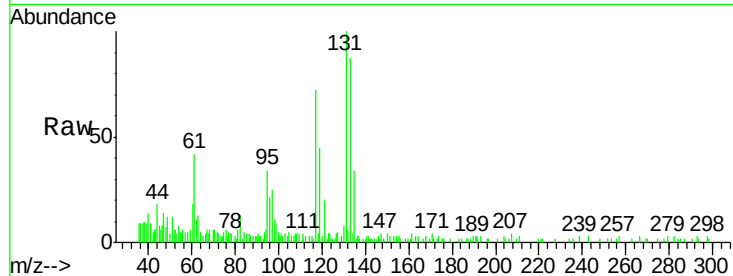
#66
 1,1,1,2-Tetrachloroethane
 Concen: 1.069 ug/l
 RT: 10.21 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VX015079.D
 Acq: 04 Mar 2020 08:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
131	100		
133	91.4	47.5	142.5
119	0.0	33.4	100.1#

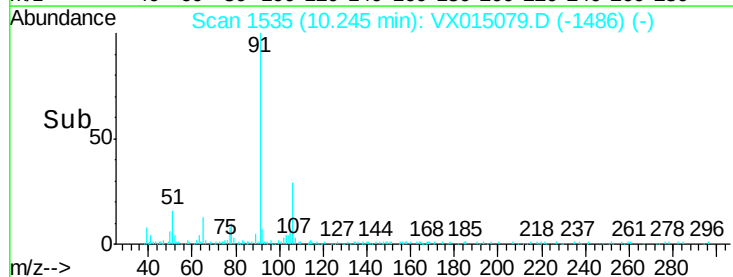
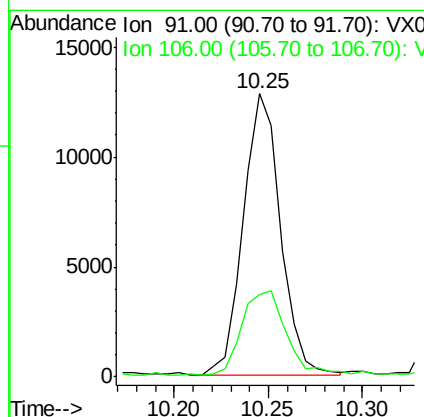
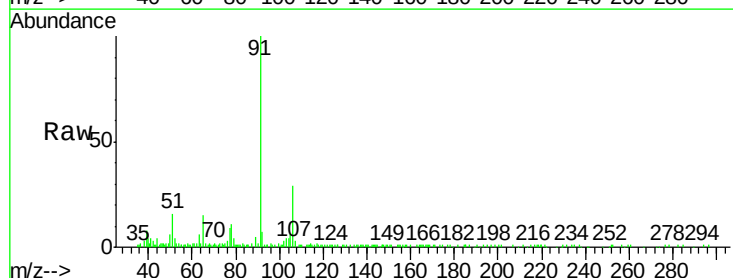
Manual Integrations
 APPROVED

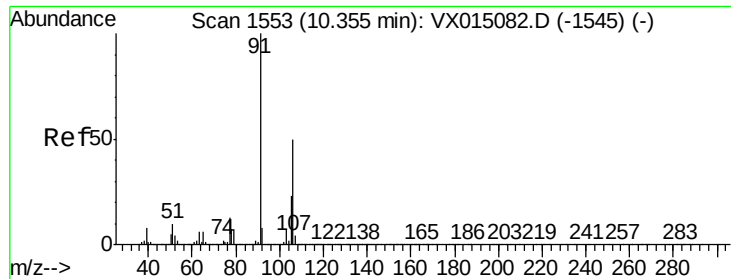
MMDadoda
 3/5/2020 12:32:17 PM



#67
 Ethyl Benzene
 Concen: 0.897 ug/l
 RT: 10.25 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VX015079.D
 Acq: 04 Mar 2020 08:39

Tgt Ion	Ratio	Lower	Upper
91	100		
106	28.1	24.9	37.3





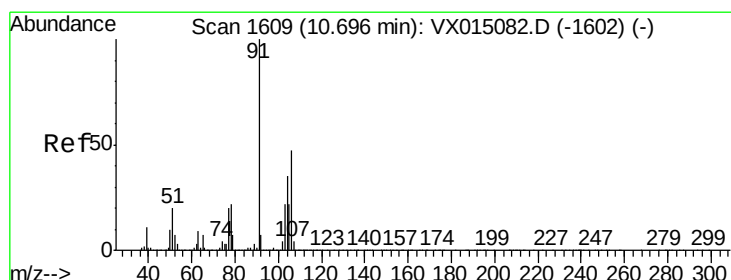
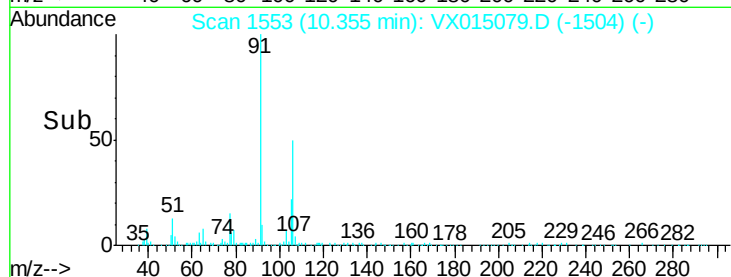
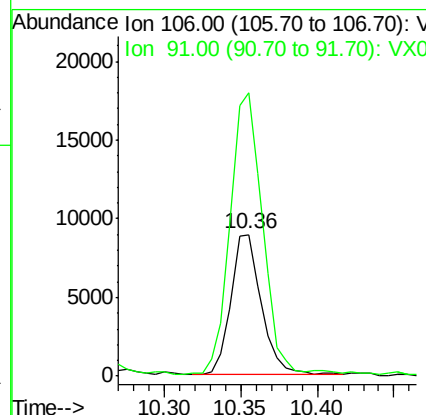
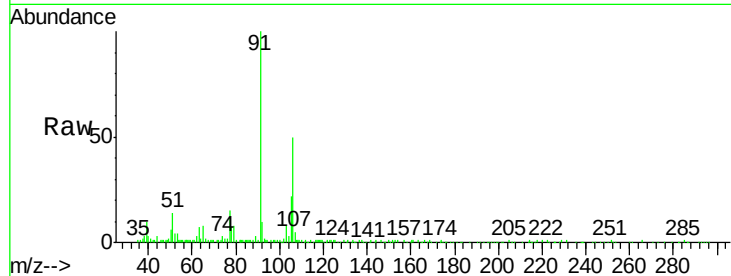
#68
m/p-Xylenes
Concen: 1.674 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX015079.D
Acq: 04 Mar 2020 08:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
106	100		
91	208.1	159.4	239.2

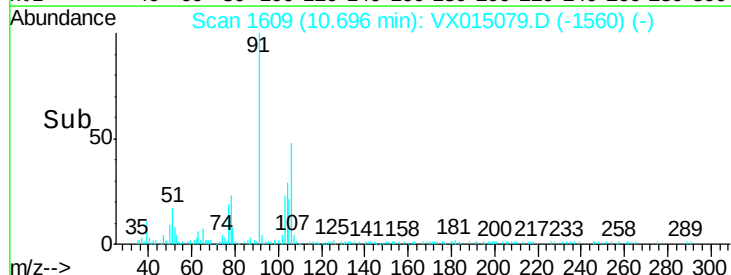
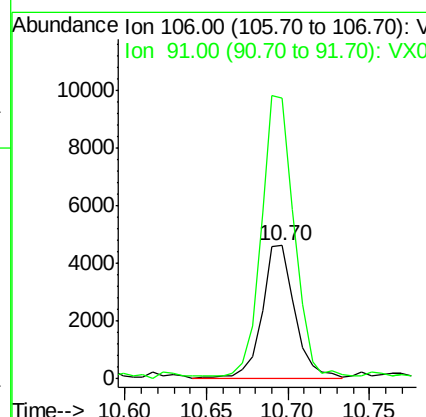
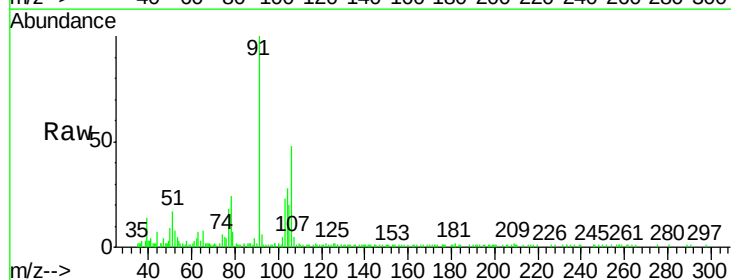
Manual Integrations
APPROVED

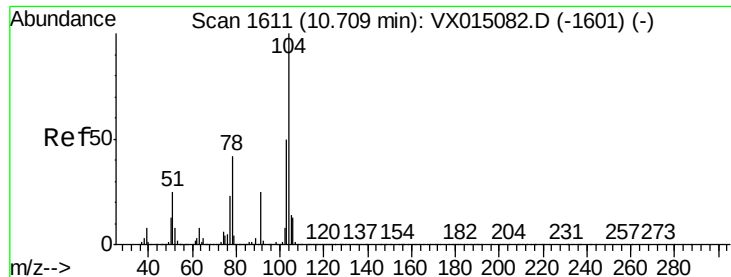
MMDadoda
3/5/2020 12:32:17 PM



#69
o-Xylene
Concen: 0.920 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015079.D
Acq: 04 Mar 2020 08:39

Tgt Ion	Ratio	Lower	Upper
106	100		
91	207.5	105.4	316.1





#70

Stvrene

Concen: 0.871 ug/l

RT: 10.71 min Scan# 1611

Delta R.T. 0.00 min

Lab File: VX015079.D

Acq: 04 Mar 2020 08:39

Instrument :

MSVOA_X

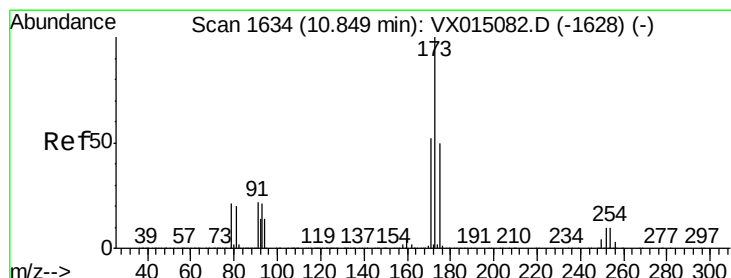
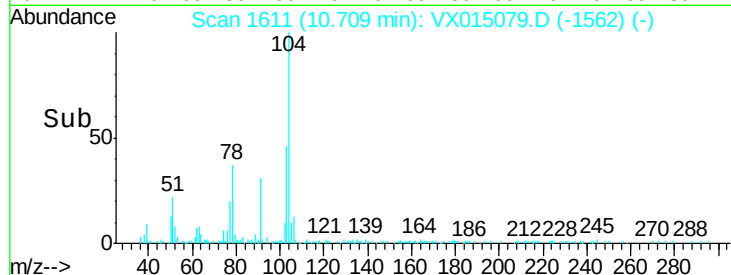
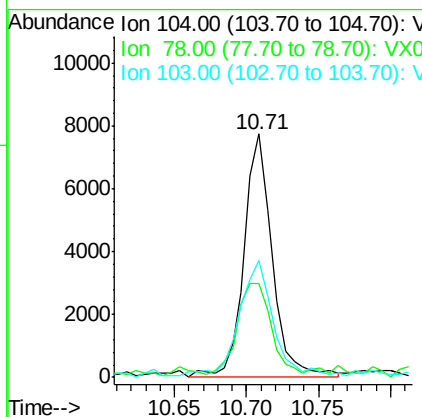
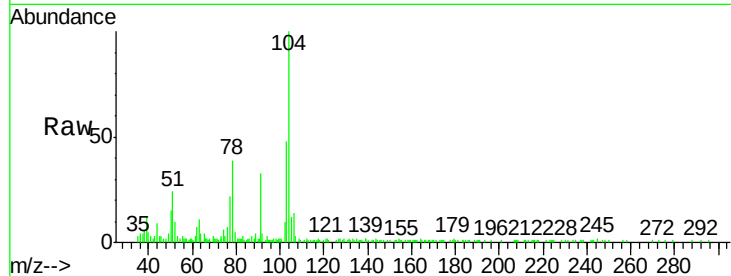
ClientSampled :

VSTDIC001

Tot Ion:	104	Resp:	10605
Ion Ratio	Lower	Upper	
104	100		
78	44.5	39.0	58.4
103	55.2	43.7	65.5

Manual Integrations
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#71

Bromoform

Concen: 0.878 ug/l

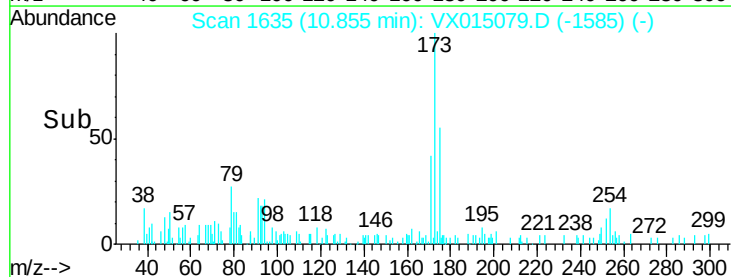
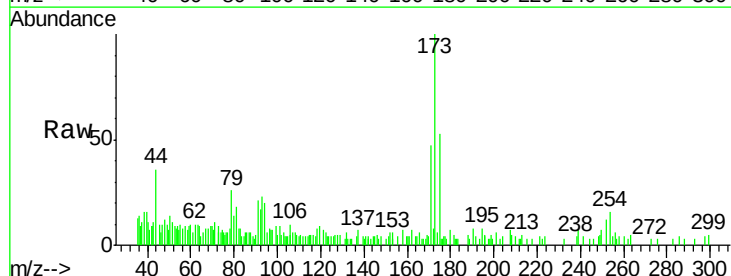
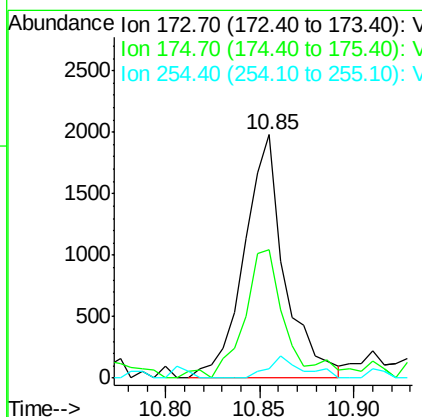
RT: 10.85 min Scan# 1635

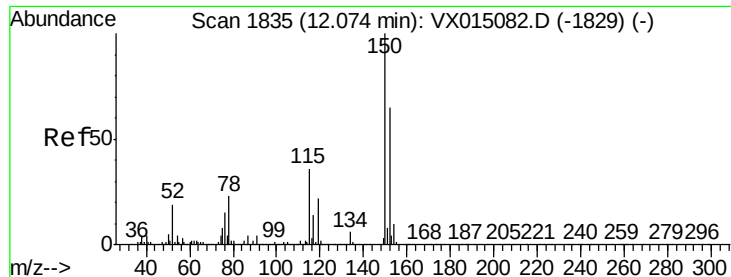
Delta R.T. 0.01 min

Lab File: VX015079.D

Acq: 04 Mar 2020 08:39

Tgt Ion:	173	Resp:	2945
Ion Ratio	Lower	Upper	
173	100		
175	51.0	24.9	74.7
254	7.5	0.2	0.2#





#72

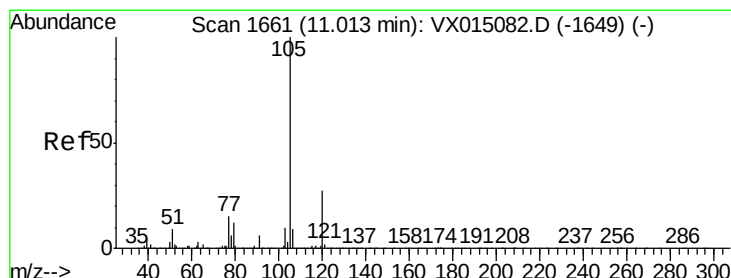
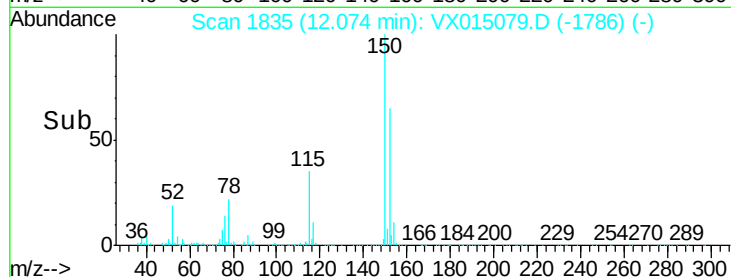
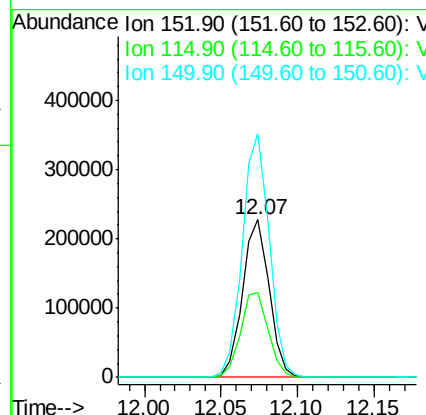
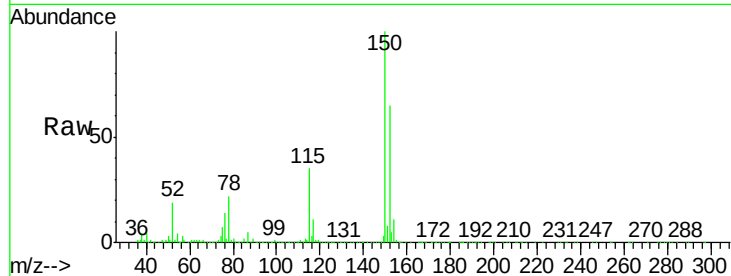
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX015079.D
Acq: 04 Mar 2020 08:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
152	100		
115	56.3	38.2	114.6
150	156.0	0.0	343.8

Manual Integrations
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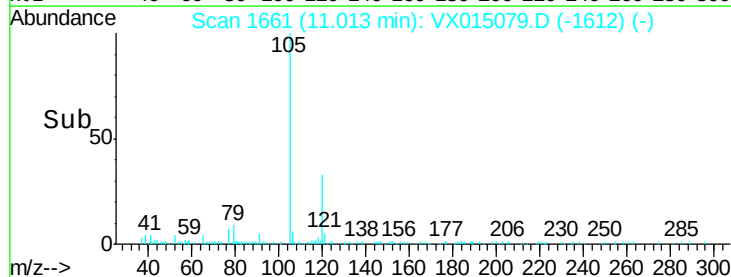
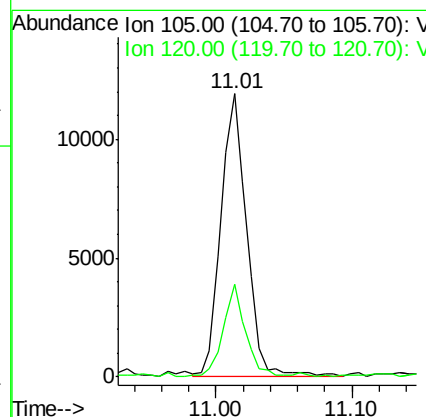
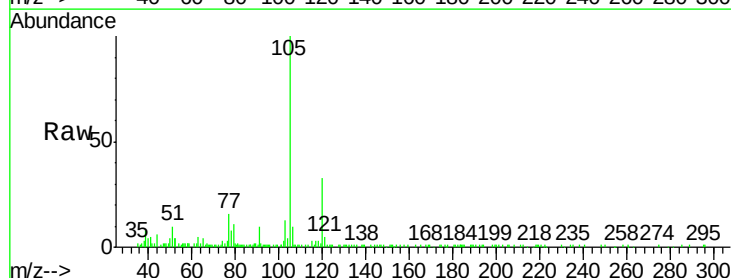
MMDadoda
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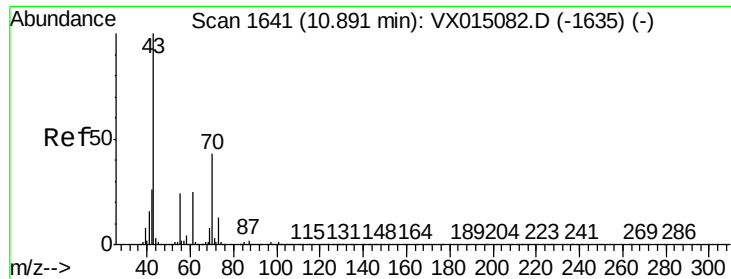


#73

Isopropylbenzene
Concen: 0.898 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX015079.D
Acq: 04 Mar 2020 08:39

Tgt Ion	Ratio	Lower	Upper
105	100		
120	28.4	13.5	40.5





#74

N-amvl acetate

Concen: 0.907 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX015079.D

Acq: 04 Mar 2020 08:39

Instrument :

MSVOA_X

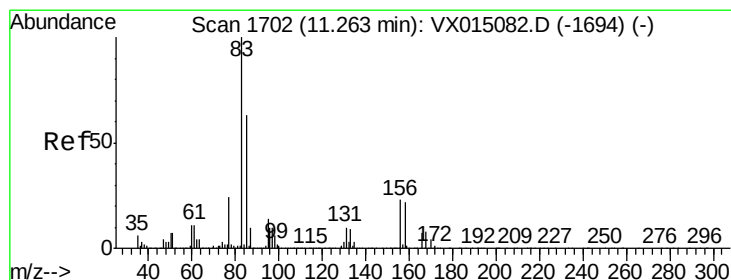
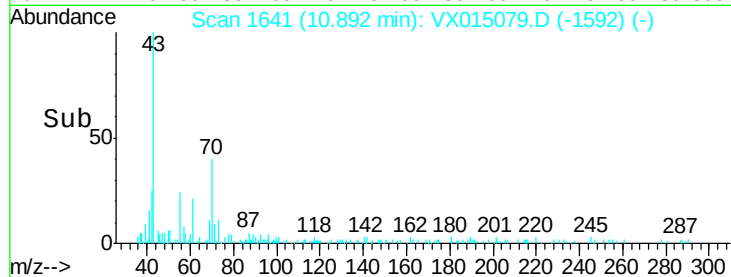
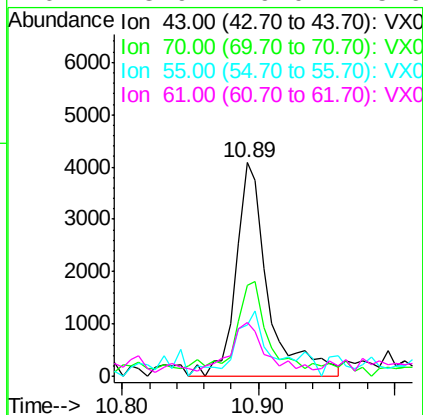
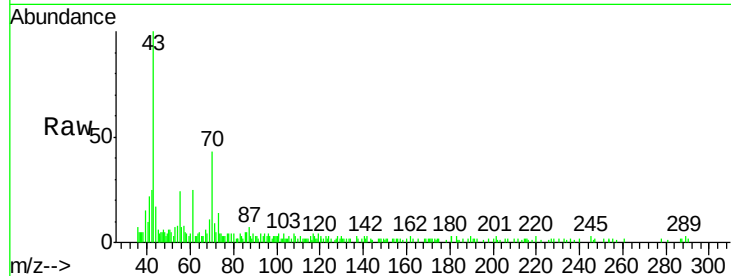
ClientSampleId :

VSTDIC001

Tot Ion:	43	Resp:	6714
Ion	Ratio	Lower	Upper
43	100		
70	33.2	34.7	52.1#
55	18.8	19.4	29.0#
61	23.9	19.0	28.6

Manual Integrations
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#75

1,1,2,2-Tetrachloroethane

Concen: 1.027 ug/l

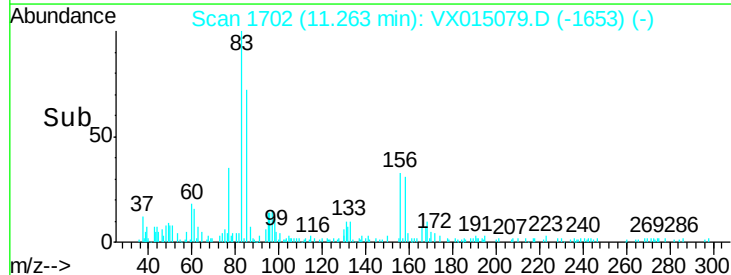
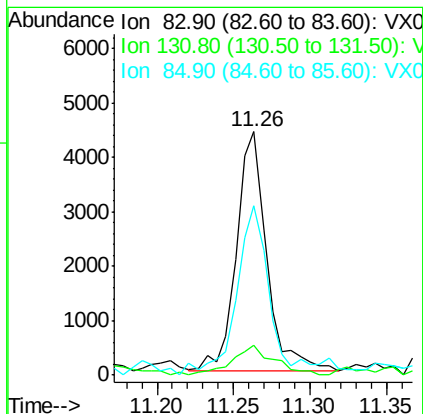
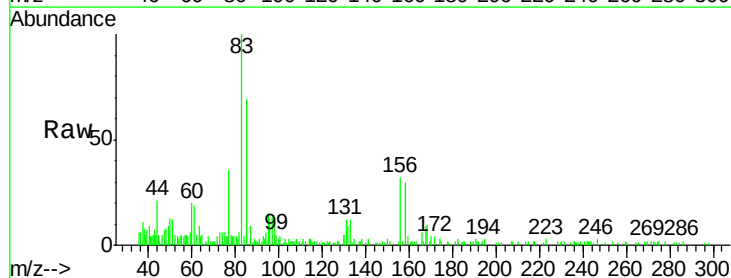
RT: 11.26 min Scan# 1702

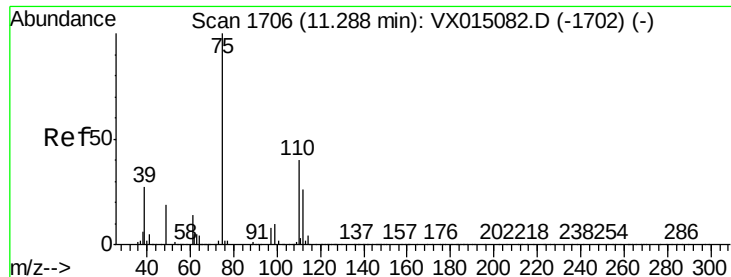
Delta R.T. 0.00 min

Lab File: VX015079.D

Acq: 04 Mar 2020 08:39

Tgt Ion:	83	Resp:	6011
Ion	Ratio	Lower	Upper
83	100		
131	17.4	5.0	14.9#
85	81.1	31.9	95.9





#76

1,2,3-Trichloropropane

Concen: 1.007 ug/l m

RT: 11.29 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX015079.D

Acq: 04 Mar 2020 08:39

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

Tot Ion: 75 Resp: 5431

Ion Ratio Lower Upper

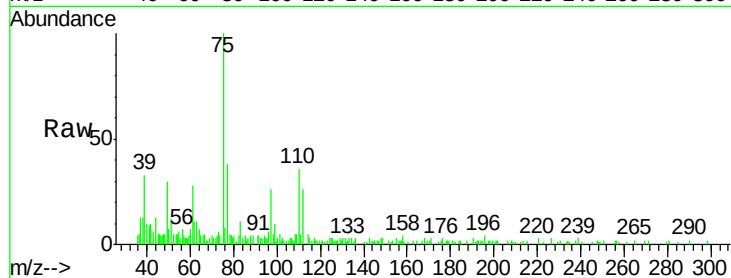
75 100

77 32.8 22.6 67.8

Manual Integrations
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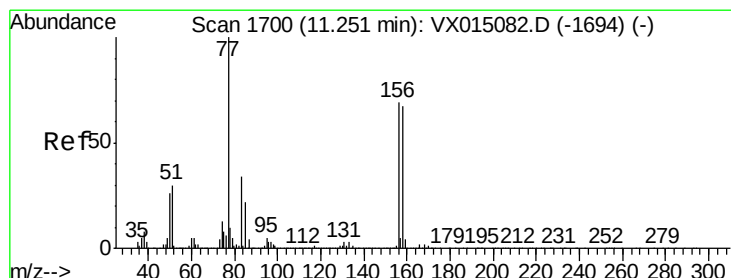
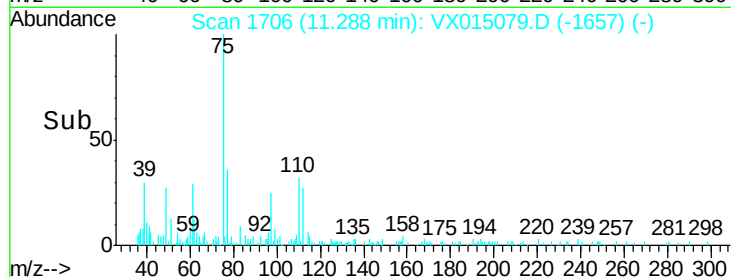
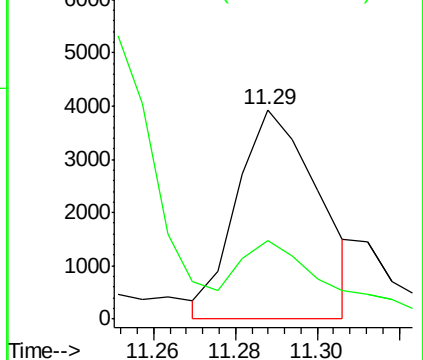
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Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#77

Bromobenzene

Concen: 1.087 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015079.D

Acq: 04 Mar 2020 08:39

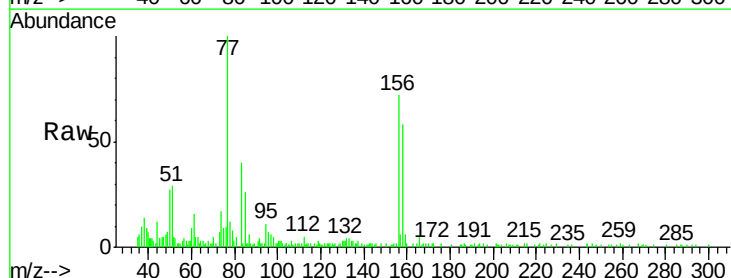
Tgt Ion: 156 Resp: 5321

Ion Ratio Lower Upper

156 100

77 134.3 75.3 225.9

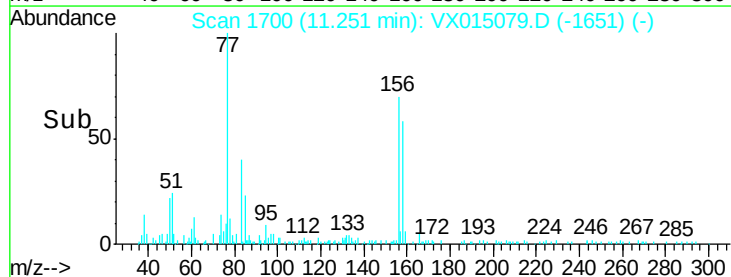
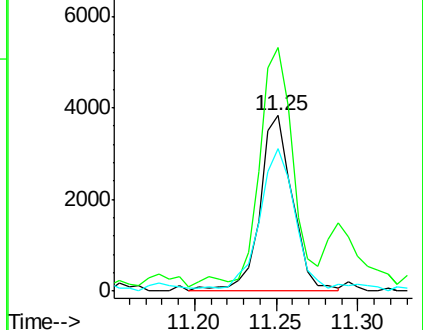
158 86.7 48.5 145.6

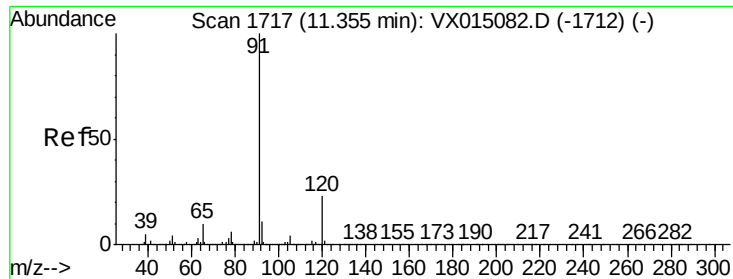


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V





#78

n-propylbenzene

Concen: 0.850 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX015079.D

Acq: 04 Mar 2020 08:39

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

Tot Ion: 91 Resp: 17050

Ion Ratio Lower Upper

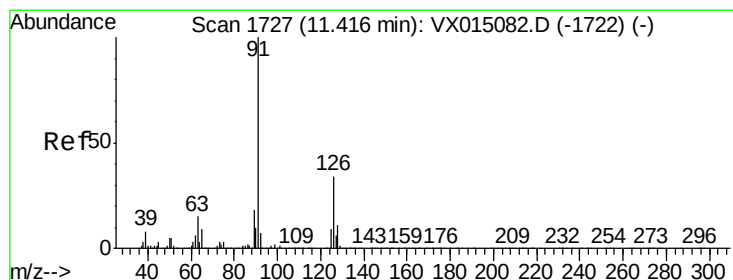
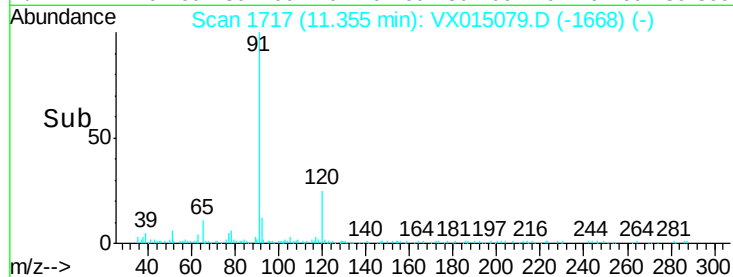
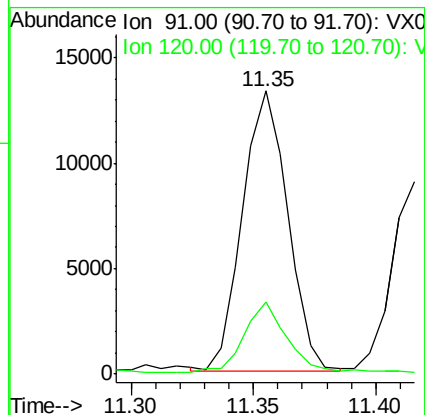
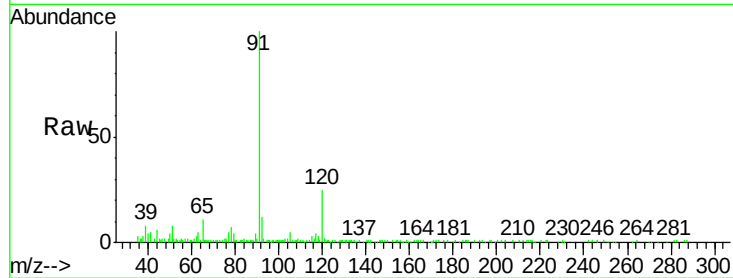
91 100

120 27.2 11.7 35.1

Manual Integrations
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#79

2-Chlorotoluene

Concen: 0.920 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX015079.D

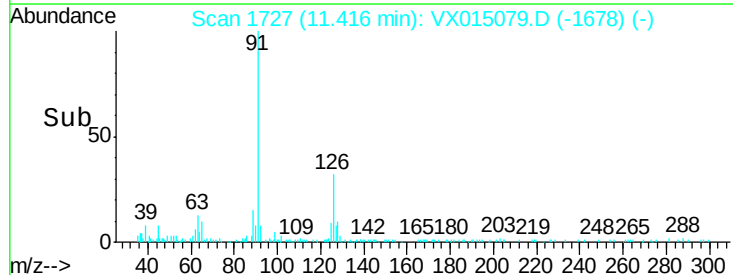
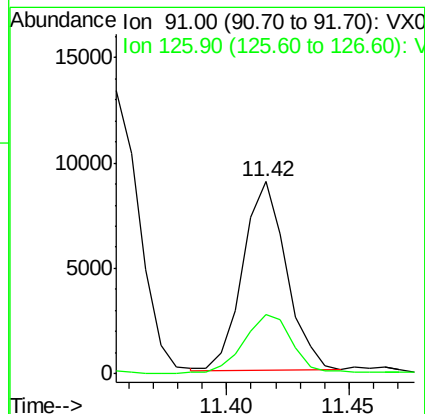
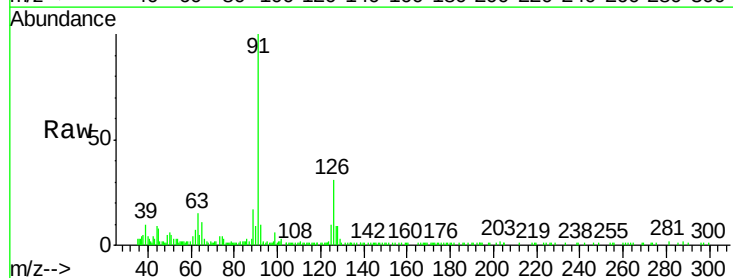
Acq: 04 Mar 2020 08:39

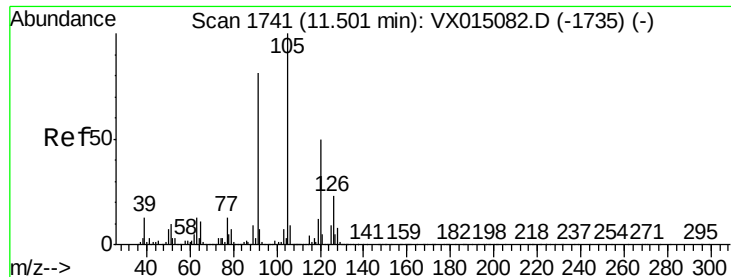
Tgt Ion: 91 Resp: 11028

Ion Ratio Lower Upper

91 100

126 37.3 17.3 52.0





#80

1,3,5-Trimethylbenzene

Concen: 0.866 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX015079.D

Acq: 04 Mar 2020 08:39

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

Tot Ion:105 Resp: 12665

Ion Ratio Lower Upper

105 100

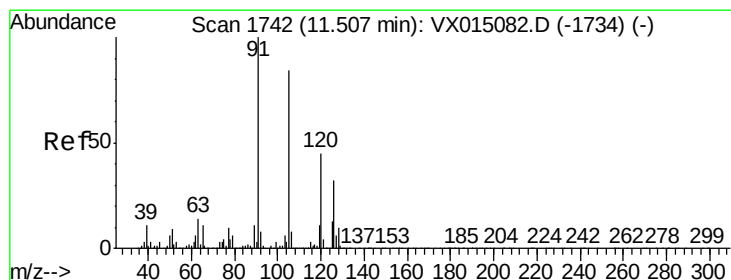
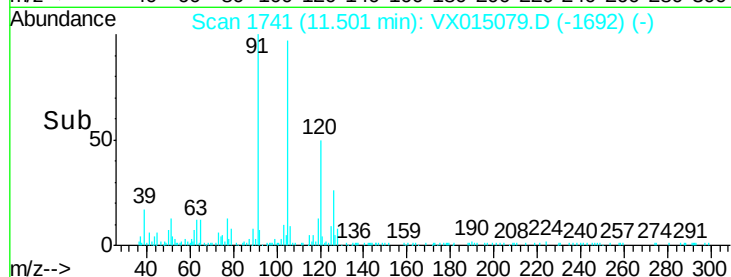
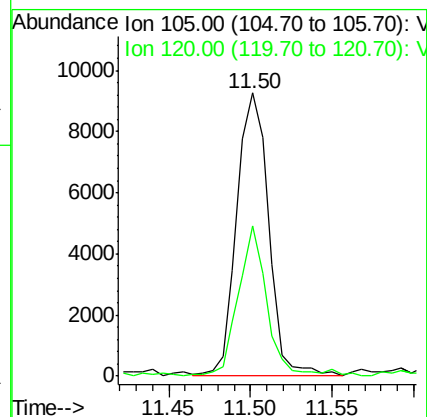
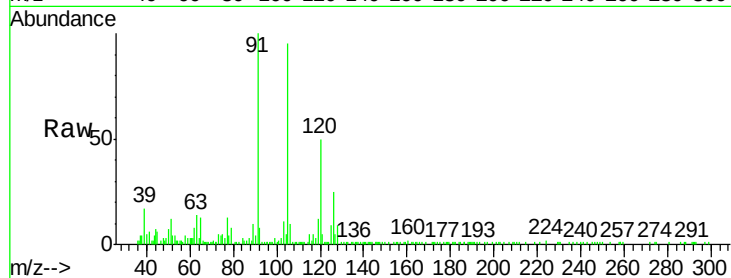
120 47.4 25.1 75.4

Manual Integrations

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#82

4-Chlorotoluene

Concen: 0.967 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX015079.D

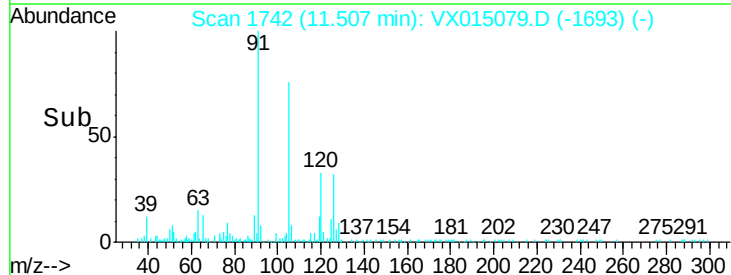
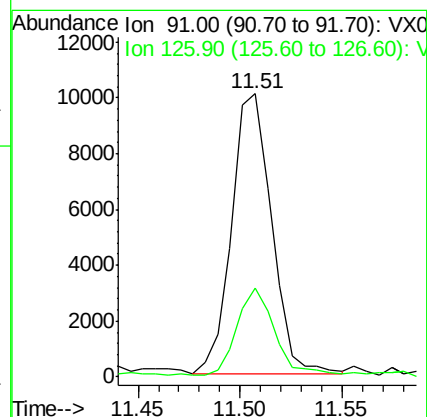
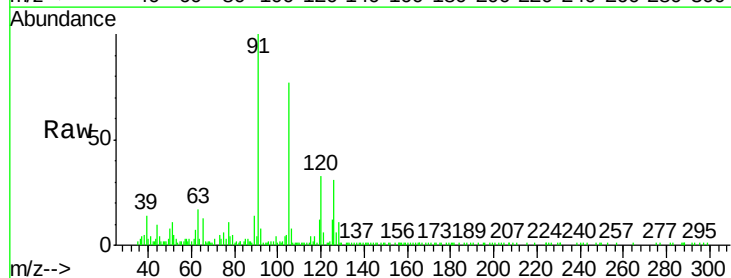
Acq: 04 Mar 2020 08:39

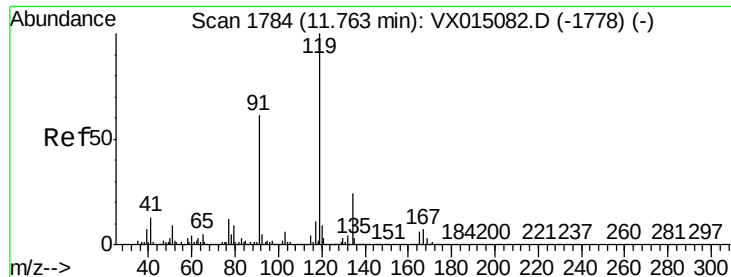
Tgt Ion: 91 Resp: 13692

Ion Ratio Lower Upper

91 100

126 29.7 15.4 46.2





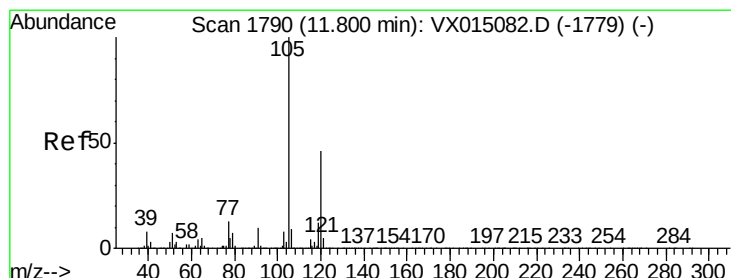
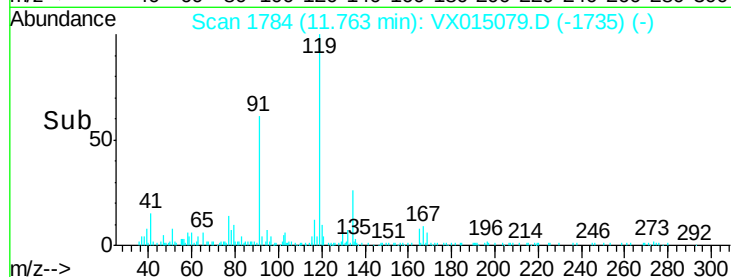
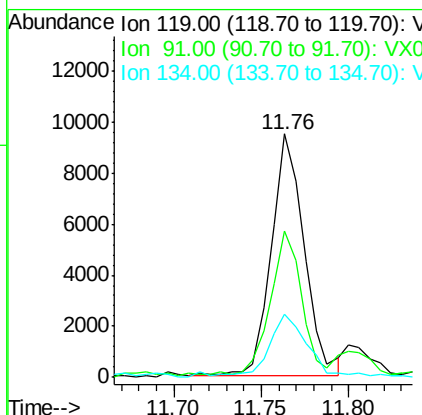
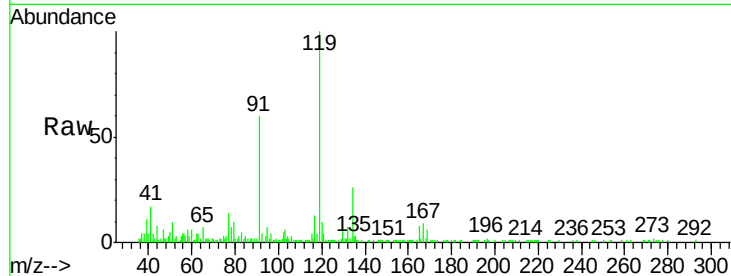
#83
tert-Butylbenzene
Concen: 0.876 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX015079.D
Acq: 04 Mar 2020 08:39

Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

Tot Ion	Ratio	Resp	Lower	Upper
119	100	12377		
91	60.9	28.5	85.6	
134	30.8	11.9	35.7	

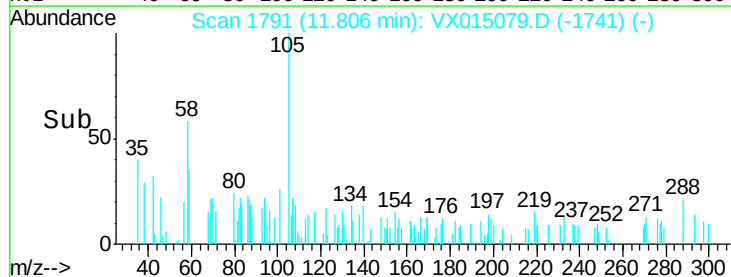
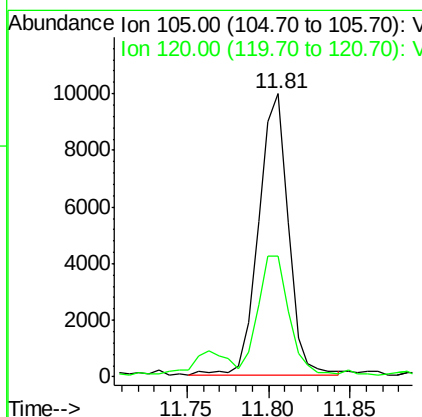
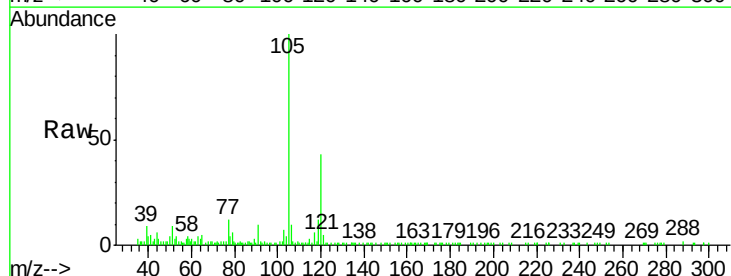
Manual Integrations
APPROVED

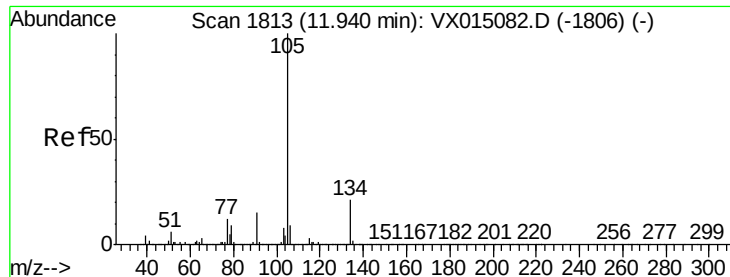
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 0.864 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. 0.01 min
Lab File: VX015079.D
Acq: 04 Mar 2020 08:39

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	12684		
120	42.9	22.9	68.5	





#85

sec-Butylbenzene

Concen: 0.853 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX015079.D

Acq: 04 Mar 2020 08:39

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

Tot Ion:105 Resp: 14555

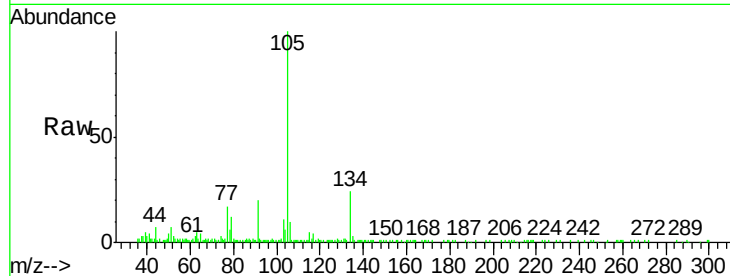
Ion Ratio Lower Upper

105 100

134 24.9 10.4 31.2

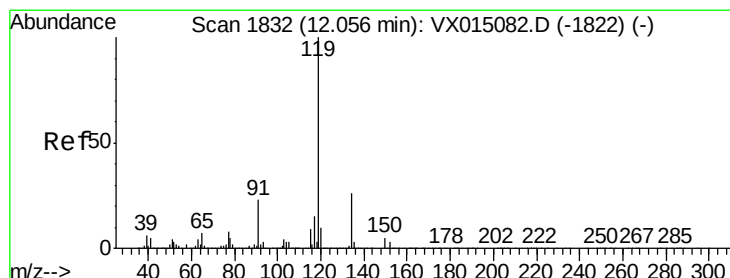
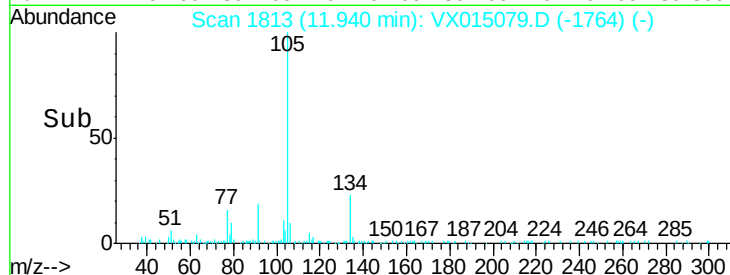
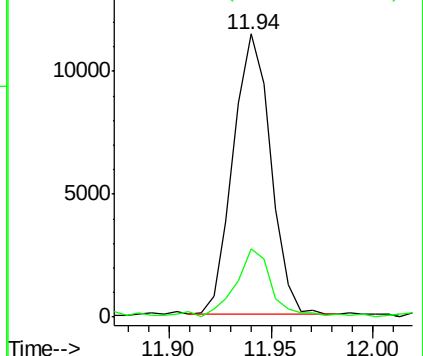
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 0.854 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VX015079.D

Acq: 04 Mar 2020 08:39

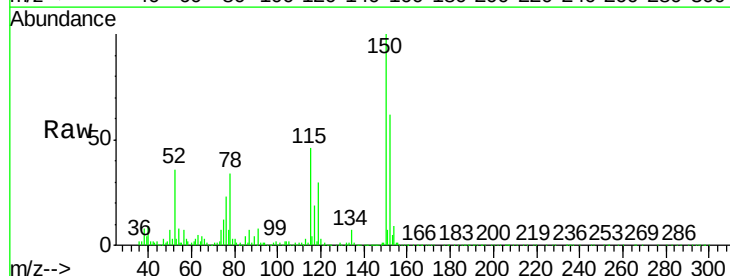
Tgt Ion:119 Resp: 13431

Ion Ratio Lower Upper

119 100

134 26.3 13.4 40.1

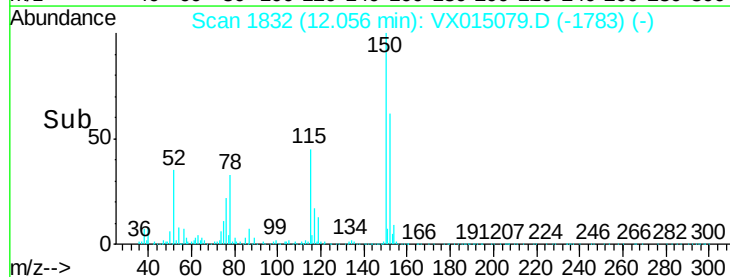
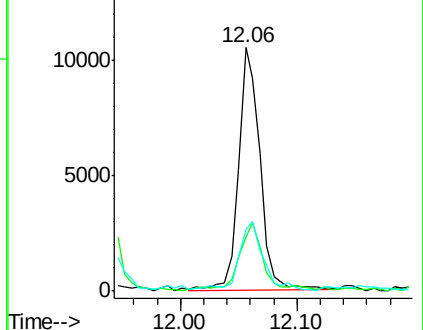
91 34.0 11.3 33.8#

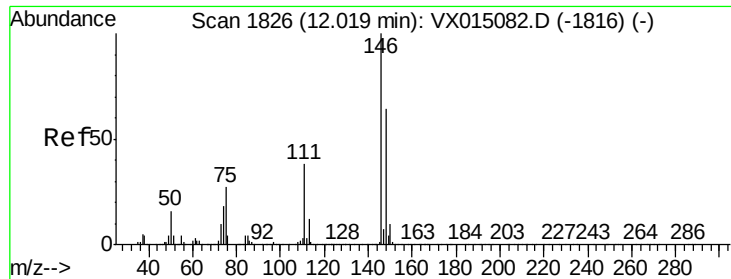


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 1.020 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX015079.D

Acq: 04 Mar 2020 08:39

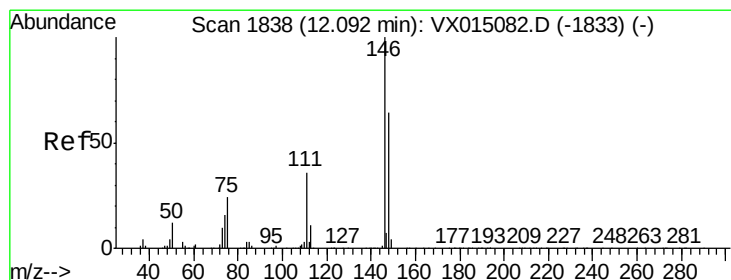
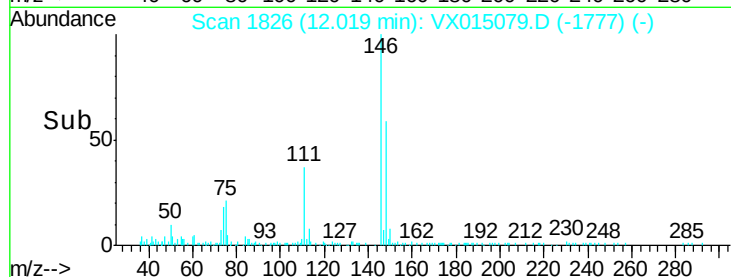
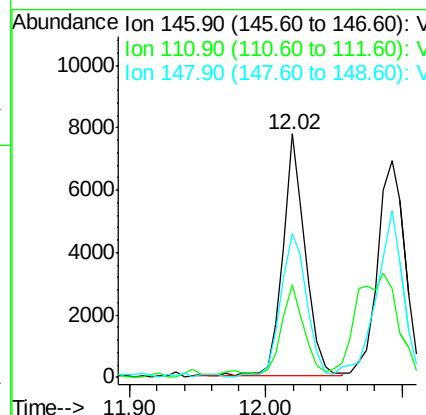
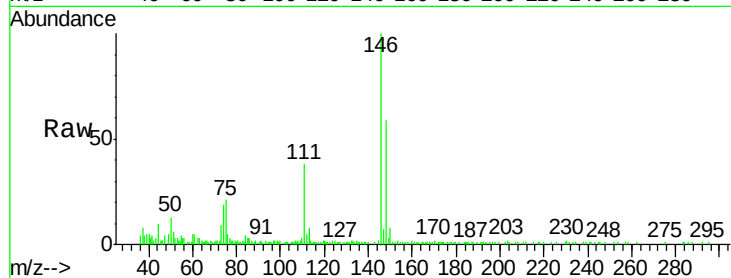
Instrument :
MSVOA_X

ClientSampled :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.1	57.1
148	70.4	31.9	95.5

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#88

1,4-Dichlorobenzene

Concen: 1.147 ug/l m

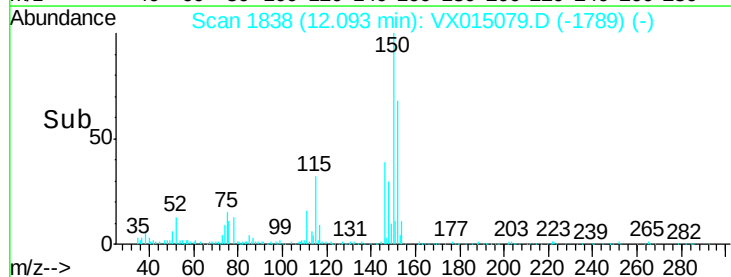
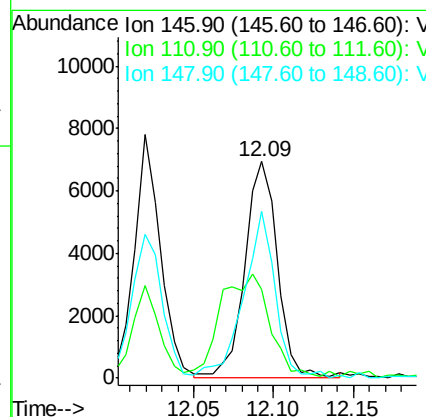
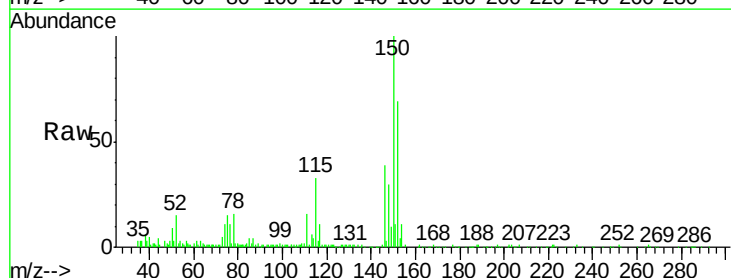
RT: 12.09 min Scan# 1838

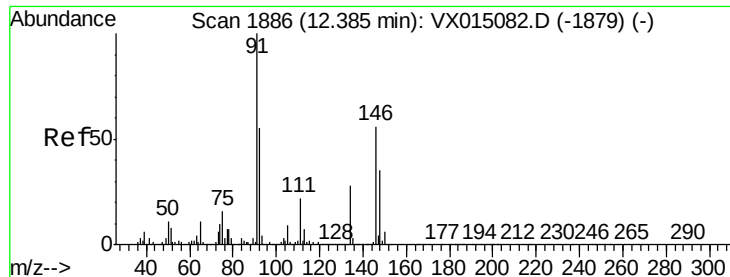
Delta R.T. 0.00 min

Lab File: VX015079.D

Acq: 04 Mar 2020 08:39

Tgt Ion	Ratio	Lower	Upper
146	100		
111	34.3	18.7	56.1
148	62.0	32.5	97.4





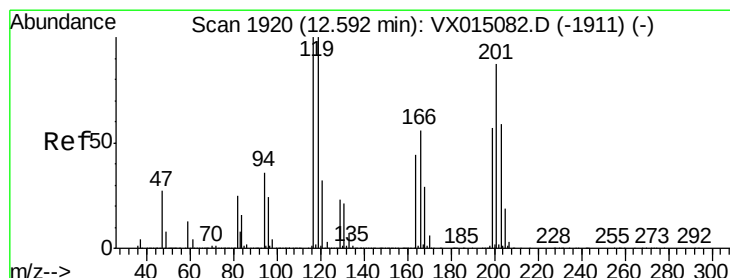
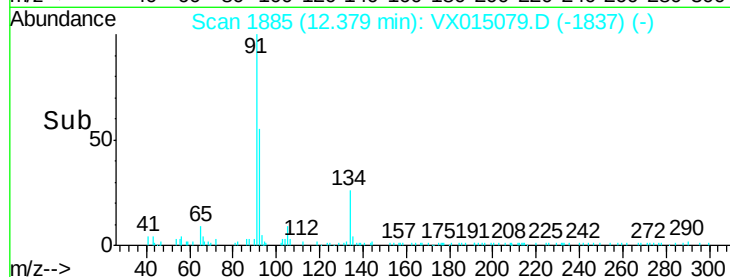
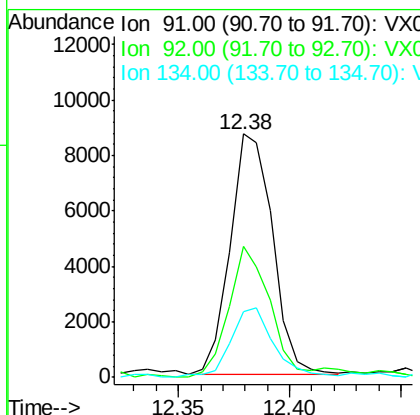
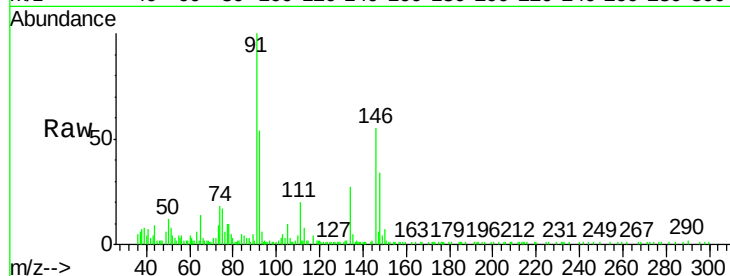
#89
n-Butylbenzene
Concen: 0.821 ug/l
RT: 12.38 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX015079.D
Acq: 04 Mar 2020 08:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.0	27.2	81.6
134	29.6	13.5	40.5

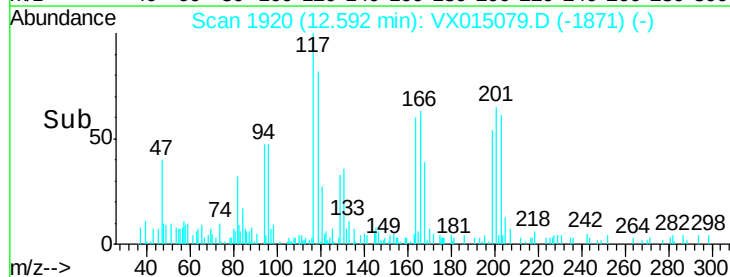
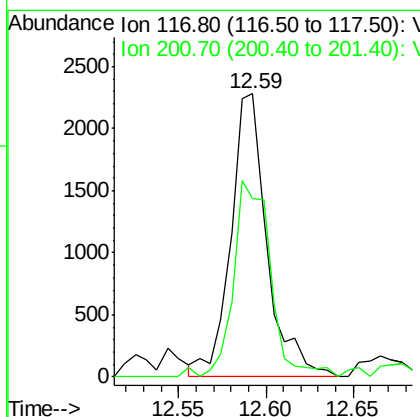
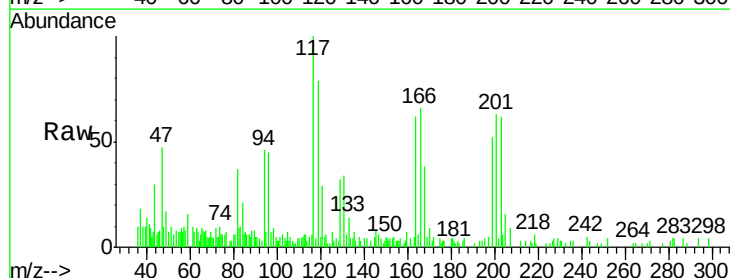
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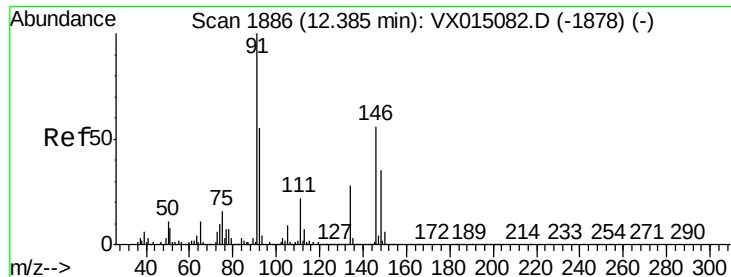
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#90
Hexachloroethane
Concen: 1.110 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX015079.D
Acq: 04 Mar 2020 08:39

Tgt Ion	Ratio	Lower	Upper
117	100		
201	71.0	43.5	130.7





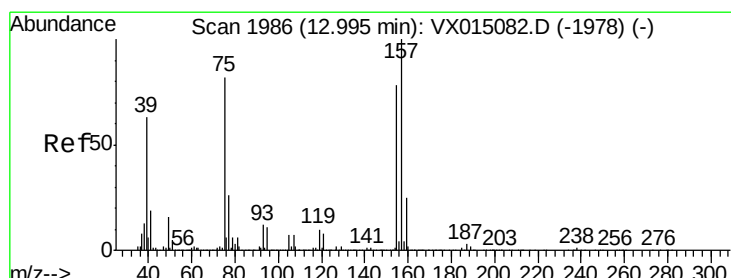
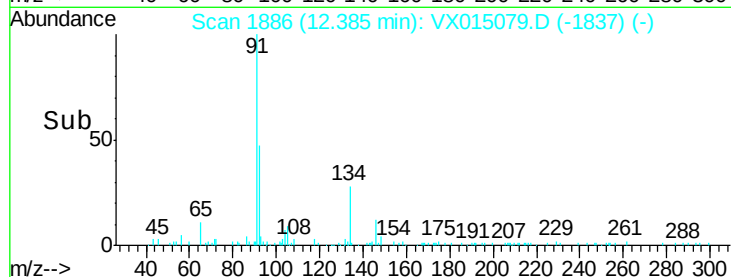
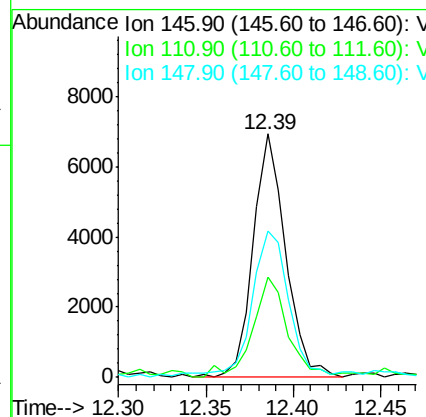
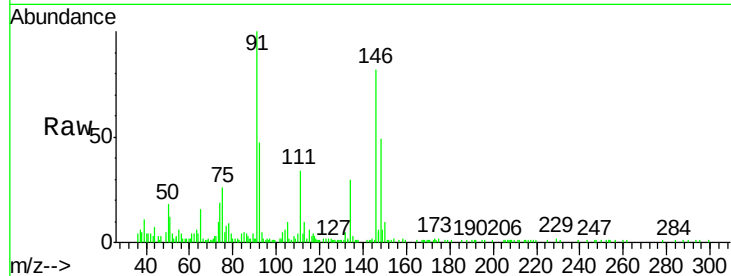
#91
 1,2-Dichlorobenzene
 Concen: 1.046 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX015079.D
 Acq: 04 Mar 2020 08:39

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.7	19.9	59.7
148	70.3	32.3	96.8

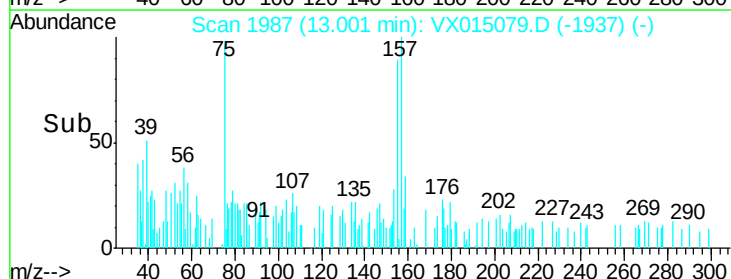
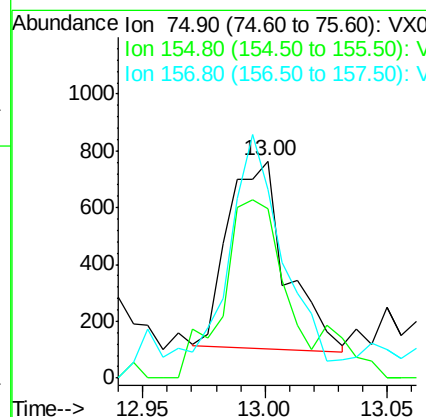
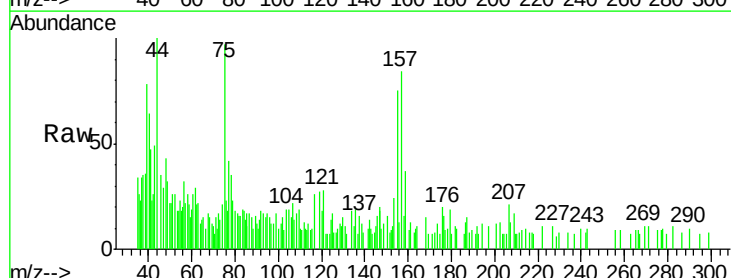
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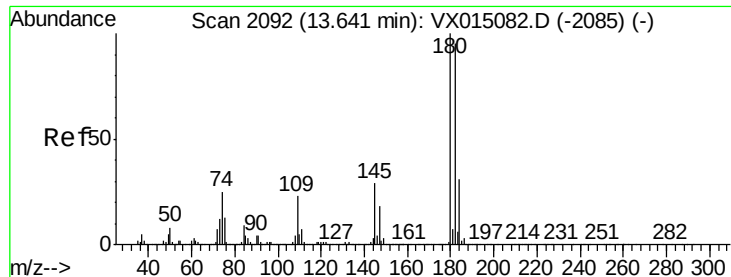
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.928 ug/l
 RT: 13.00 min Scan# 1987
 Delta R.T. 0.01 min
 Lab File: VX015079.D
 Acq: 04 Mar 2020 08:39

Tgt Ion	Ratio	Lower	Upper
75	100		
155	100.3	46.6	139.7
157	123.6	59.2	177.5





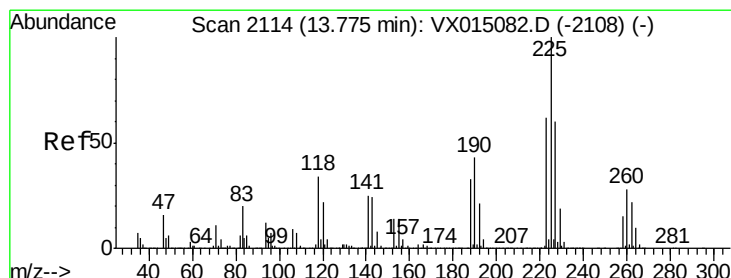
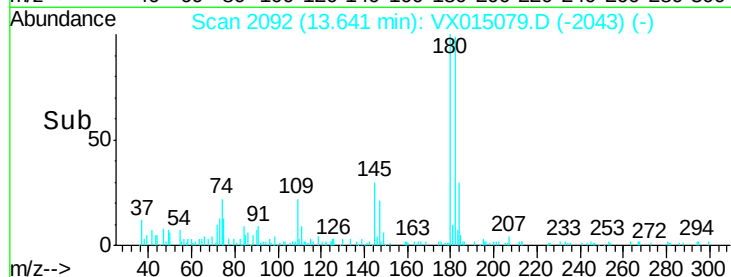
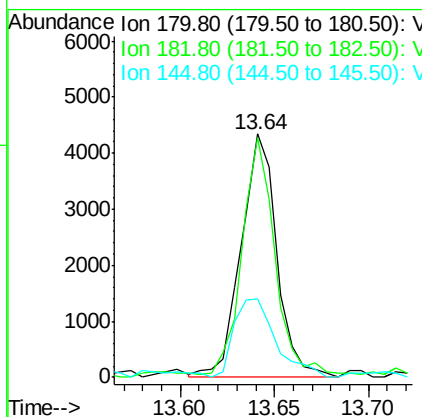
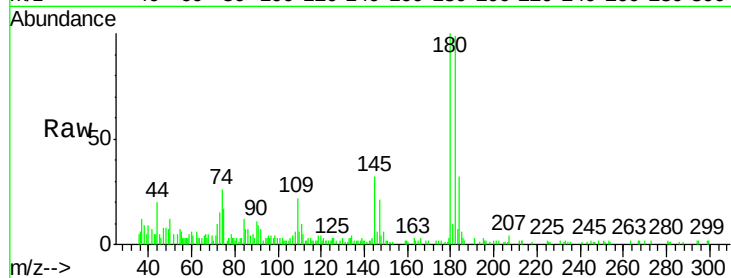
#93
 1,2,4-Trichlorobenzene
 Concen: 0.964 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX015079.D
 Acq: 04 Mar 2020 08:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
180	100		
182	89.7	47.6	142.8
145	37.4	14.1	42.2

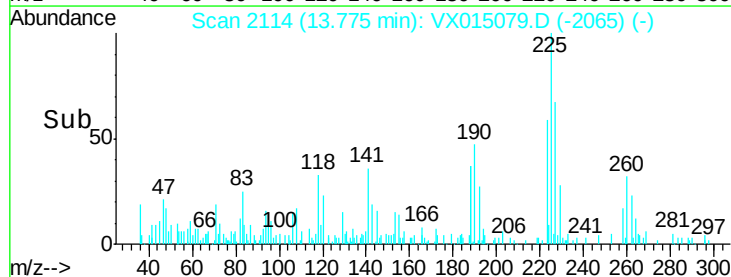
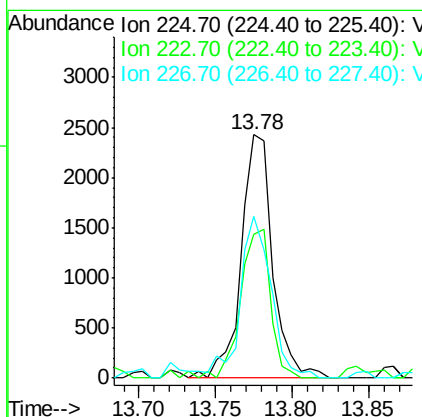
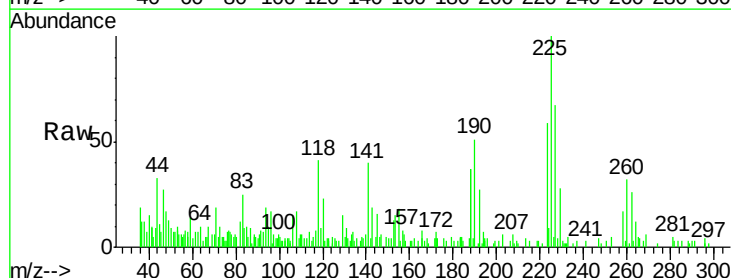
Manual Integrations
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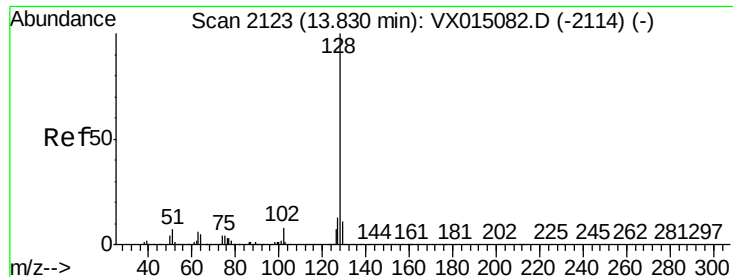
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#94
 Hexachlorobutadiene
 Concen: 1.137 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX015079.D
 Acq: 04 Mar 2020 08:39

Tgt Ion	Ratio	Lower	Upper
225	100		
223	57.8	31.3	93.9
227	65.7	31.1	93.2





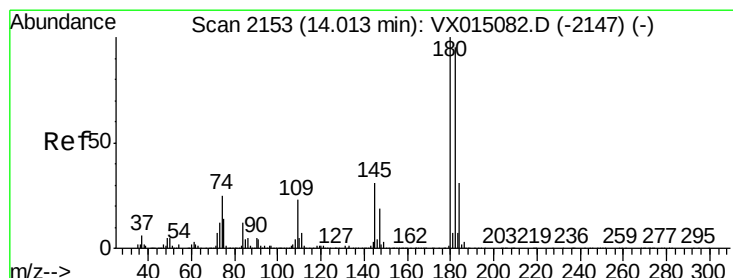
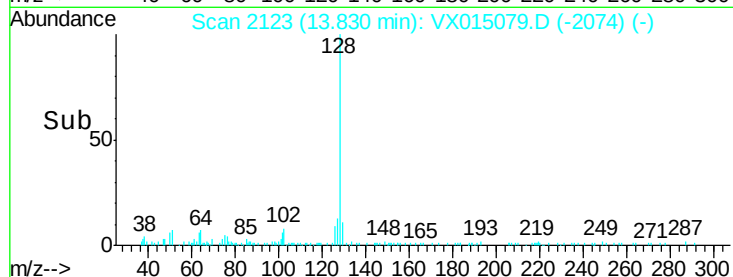
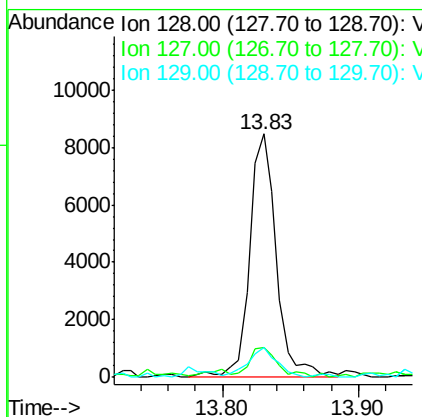
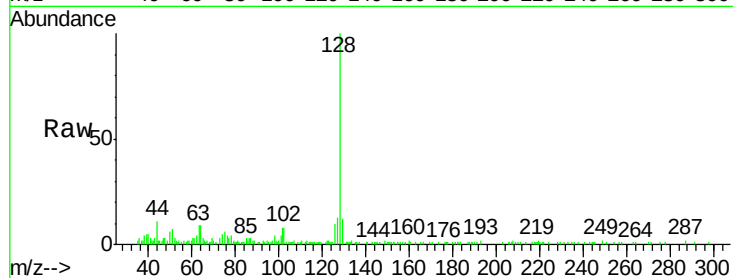
#95
Naphthalene
Concen: 0.721 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX015079.D
Acq: 04 Mar 2020 08:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.3	15.5
129	13.1	8.6	13.0

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 0.876 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX015079.D
Acq: 04 Mar 2020 08:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	105.5	47.8	143.4
145	35.8	15.1	45.3

