

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX031820\
 Data File : VX015321.D
 Acq On : 18 Mar 2020 12:22
 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
 3/19/2020 12:00:48 PM

Quant Time: Mar 18 14:53:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 14:21:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	571536	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1087630	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1041922	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	414004	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	7540	1.454	ug/l	96
3) Chloromethane	1.32	50	7533	1.068	ug/l	94
4) Vinyl Chloride	1.40	62	7080	0.987	ug/l	93
6) Chloroethane	1.72	64	5275	1.226	ug/l	96
7) Trichlorofluoromethane	1.93	101	11111	1.285	ug/l	92
8) Diethyl Ether	2.18	74	4624	1.201	ug/l	78
9) 1,1,2-Trichlorotrifluoroet	2.38	101	9033	1.647	ug/l	94
12) 1,1-Dichloroethene	2.37	96	8721	1.536	ug/l	96
14) Allyl chloride	2.72	41	11460	1.171	ug/l #	83
15) Acrylonitrile	3.13	53	19210	6.317	ug/l	92
16) Acetone	2.44	43	19234	7.060	ug/l	97
17) Carbon Disulfide	2.56	76	21556	1.362	ug/l	100
18) Methyl Acetate	2.76	43	8433	1.234	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	21805	1.215	ug/l	99
20) Methylene Chloride	2.84	84	10919	1.625	ug/l #	92
21) trans-1,2-Dichloroethene	3.16	96	8812	1.408	ug/l #	81
22) Diisopropyl ether	3.84	45	20991	1.066	ug/l #	96
23) Vinyl Acetate	3.80	43	80281	4.987	ug/l	98
24) 1,1-Dichloroethane	3.69	63	16661	1.509	ug/l #	95
25) 2-Butanone	4.68	43	23694	5.822	ug/l #	80
26) 2,2-Dichloropropane	4.57	77	12562	1.445	ug/l	81
27) cis-1,2-Dichloroethene	4.59	96	8728	1.257	ug/l	90
28) Bromochloromethane	5.00	49	4874	0.988	ug/l #	94
29) Tetrahydrofuran	5.12	42	16122	6.086	ug/l	96
30) Chloroform	5.19	83	16443	1.519	ug/l	86
32) 1,1,1-Trichloroethane	5.48	97	12629	1.400	ug/l #	48
36) 1,1-Dichloropropene	5.79	75	11580	1.147	ug/l #	88
37) Ethyl Acetate	4.83	43	9322	1.012	ug/l #	79
38) Carbon Tetrachloride	5.78	117	10116	1.058	ug/l #	70
39) Methylcyclohexane	7.45	83	14292	1.205	ug/l	90
40) Benzene	6.13	78	32511	1.080	ug/l #	87
41) Methacrylonitrile	5.03	41	4279	0.777	ug/l #	80
42) 1,2-Dichloroethane	6.18	62	9759	0.966	ug/l	80
43) Isopropyl Acetate	6.43	43	13192	0.820	ug/l #	91

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

44) Trichloroethene	7.21	130	10986	1.322	ug/l	94
45) 1,2-Dichloropropane	7.51	63	7040	0.913	ug/l #	81
46) Dibromomethane	7.65	93	5185	1.023	ug/l	88
47) Bromodichloromethane	7.89	83	9419	0.945	ug/l #	98
48) Methyl methacrylate	7.76	41	5886	0.719	ug/l #	79
49) 1,4-Dioxane	7.76	88	4254	23.213	ug/l #	71
51) 4-Methyl-2-Pentanone	8.64	43	42527	4.454	ug/l	94
52) Toluene	8.78	92	19204	1.043	ug/l	95
53) t-1,3-Dichloropropene	9.04	75	8388	0.795	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	11050	0.920	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	9184	1.209	ug/l #	89
56) Ethyl methacrylate	9.17	69	8357	0.781	ug/l #	86
57) 1,3-Dichloropropane	9.37	76	14827m	1.166	ug/l	
58) 2-Chloroethyl Vinyl ether	8.31	63	21015	3.612	ug/l	93
59) 2-Hexanone	9.49	43	28014	3.965	ug/l	97
60) Dibromochloromethane	9.57	129	7179	0.906	ug/l	88
61) 1,2-Dibromoethane	9.67	107	8459	1.055	ug/l	91
64) Tetrachloroethene	9.33	164	8792	1.042	ug/l	95
65) Chlorobenzene	10.14	112	23082	1.092	ug/l #	88
66) 1,1,1,2-Tetrachloroethane	10.21	131	8817	1.117	ug/l #	65
67) Ethyl Benzene	10.25	91	35910	1.002	ug/l	99
68) m/p-Xylenes	10.35	106	25921	1.897	ug/l	93
69) o-Xylene	10.69	106	13528	1.034	ug/l	99
70) Styrene	10.71	104	19279	0.860	ug/l	94
71) Bromoform	10.85	173	4951	0.823	ug/l #	95
73) Isopropylbenzene	11.01	105	31773	1.176	ug/l	100
74) N-amyl acetate	10.89	43	9367	0.849	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	11.26	83	10081	1.124	ug/l #	92
76) 1,2,3-Trichloropropane	11.29	75	9354m	1.150	ug/l	
77) Bromobenzene	11.25	156	7910	1.068	ug/l	99
78) n-propylbenzene	11.35	91	34145	1.114	ug/l	98
79) 2-Chlorotoluene	11.42	91	21191	1.154	ug/l	89
80) 1,3,5-Trimethylbenzene	11.50	105	22595	1.010	ug/l	97
82) 4-Chlorotoluene	11.51	91	21628	0.998	ug/l	97
83) tert-Butylbenzene	11.76	119	23822	1.099	ug/l	95
84) 1,2,4-Trimethylbenzene	11.80	105	22618	0.998	ug/l	96
85) sec-Butylbenzene	11.94	105	26362	0.999	ug/l	98
86) p-Isopropyltoluene	12.06	119	23575	0.975	ug/l	89
87) 1,3-Dichlorobenzene	12.02	146	15083	1.146	ug/l	94
88) 1,4-Dichlorobenzene	12.09	146	16136m	1.191	ug/l	
89) n-Butylbenzene	12.38	91	23275	1.079	ug/l	93
90) Hexachloroethane	12.59	117	5763	1.261	ug/l	91
91) 1,2-Dichlorobenzene	12.38	146	15076	1.146	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	2782	1.567	ug/l	67
93) 1,2,4-Trichlorobenzene	13.64	180	8141	0.921	ug/l	97
94) Hexachlorobutadiene	13.77	225	3940	0.896	ug/l	86
95) Naphthalene	13.83	128	20582	0.820	ug/l	98
96) 1,2,3-Trichlorobenzene	14.01	180	7905	0.898	ug/l	96

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Misc : 5.0mL/MSVOA X/WATER
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Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

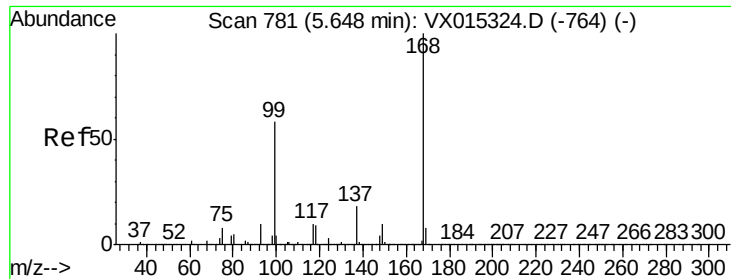
Manual Integrations
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3/19/2020 12:00:48 PM

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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: 5.64 min Scan# 780

Delta R.T. -0.01 min

Lab File: VX015321.D

Acq: 18 Mar 2020 12:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:168 Resp: 571536

Ion Ratio Lower Upper

168 100

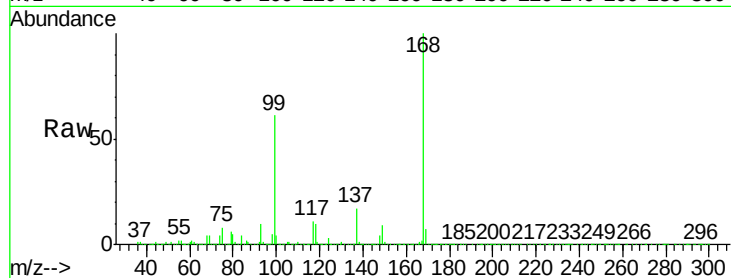
99 60.3 47.0 70.6

Manual Integrations

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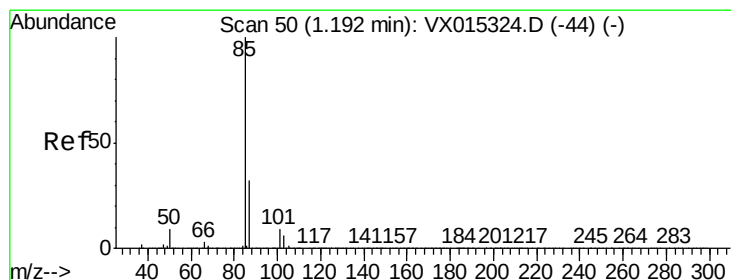
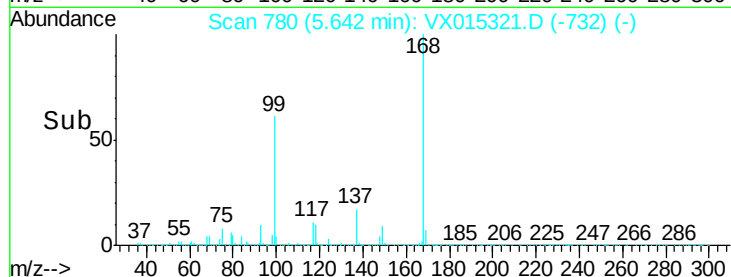
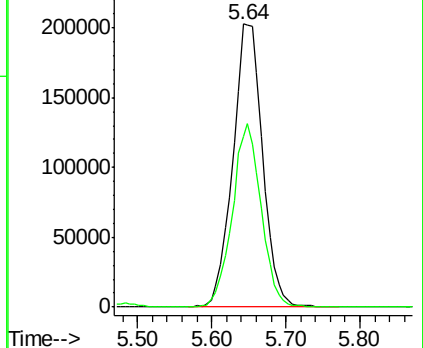
MMDadoda

3/19/2020 12:00:48 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 1.454 ug/l

RT: 1.19 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX015321.D

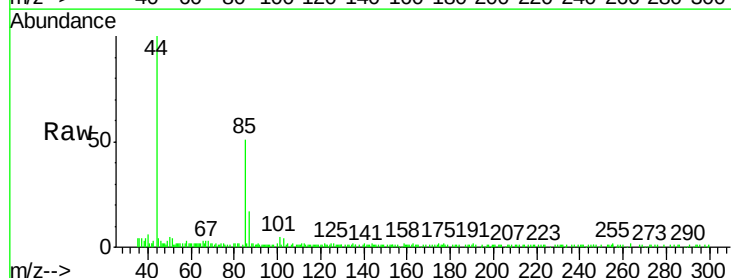
Acq: 18 Mar 2020 12:22

Tgt Ion: 85 Resp: 7540

Ion Ratio Lower Upper

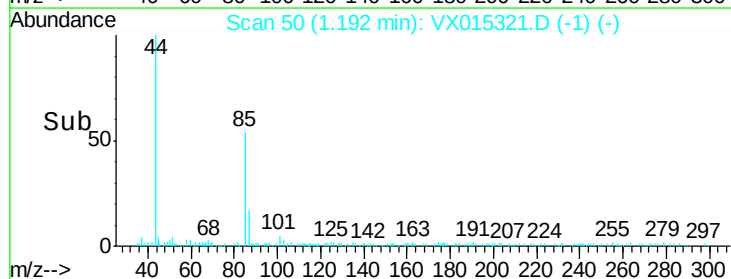
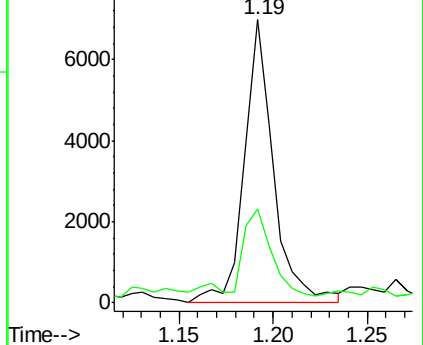
85 100

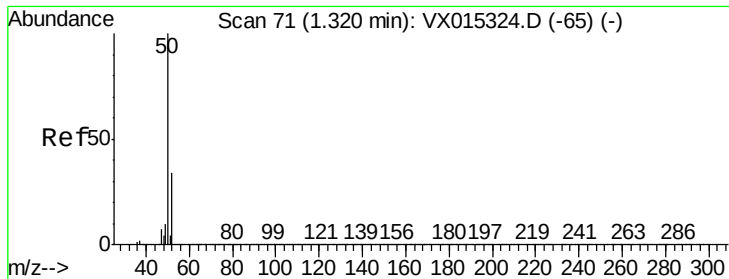
87 30.1 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 1.068 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX015321.D

Acq: 18 Mar 2020 12:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 50 Resp: 7533

Ion Ratio Lower Upper

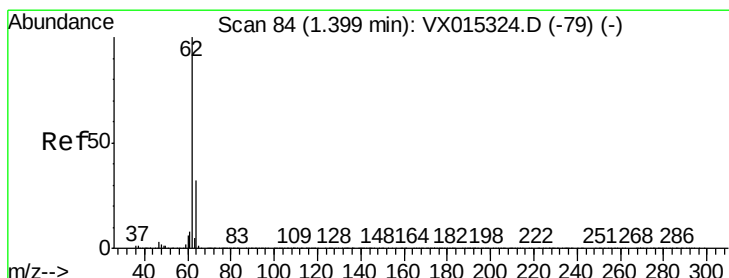
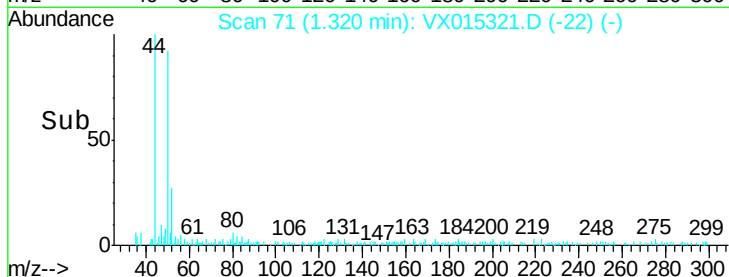
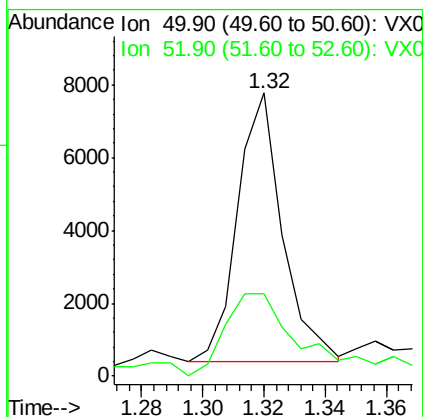
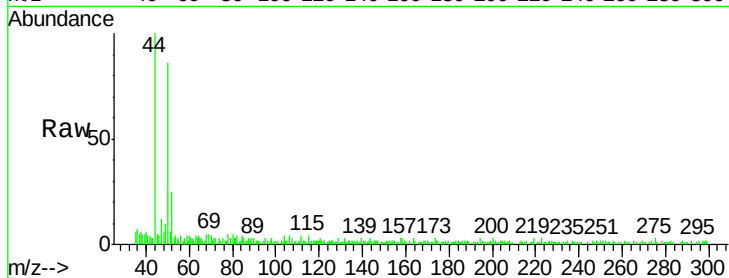
50 100

52 30.6 27.4 41.0

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#4

Vinyl Chloride

Concen: 0.987 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX015321.D

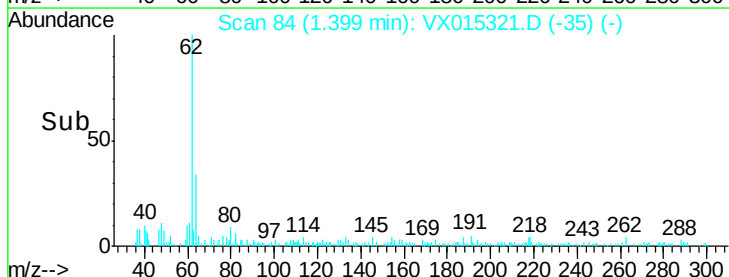
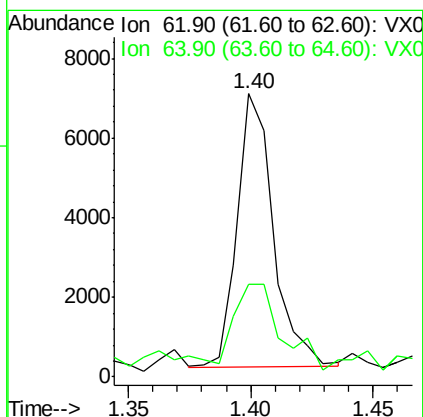
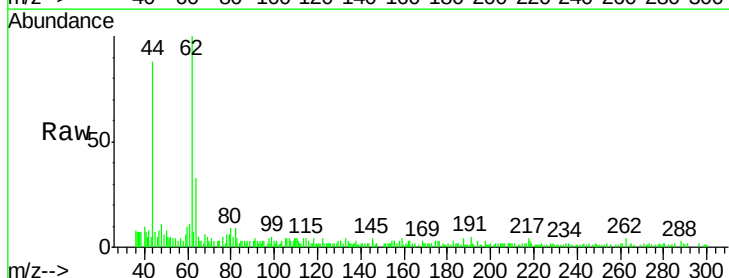
Acq: 18 Mar 2020 12:22

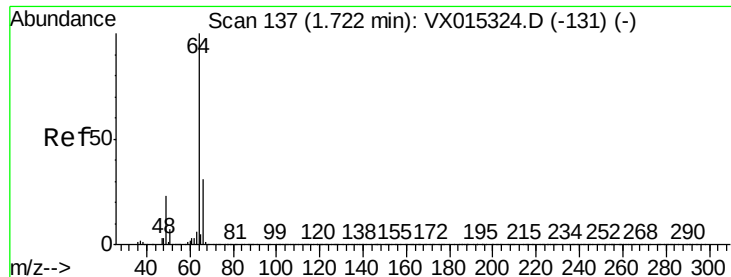
Tgt Ion: 62 Resp: 7080

Ion Ratio Lower Upper

62 100

64 27.7 25.4 38.0





#6

Chloroethane

Concen: 1.226 ug/l

RT: 1.72 min Scan# 137

Delta R.T. -0.00 min

Lab File: VX015321.D

Acq: 18 Mar 2020 12:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 64 Resp: 5275

Ion Ratio Lower Upper

64 100

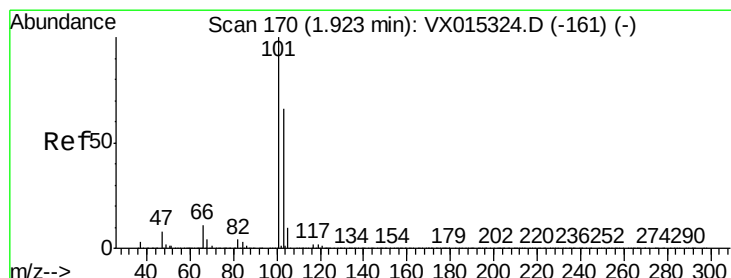
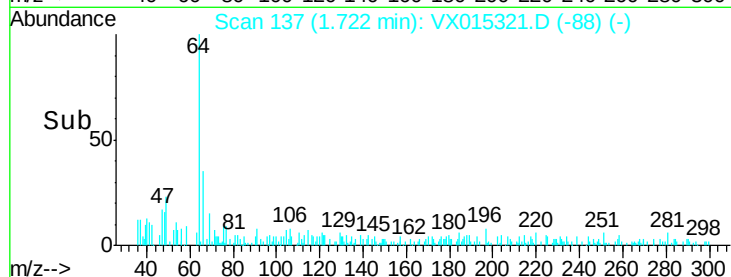
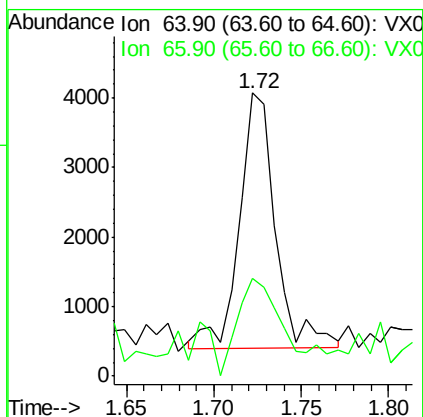
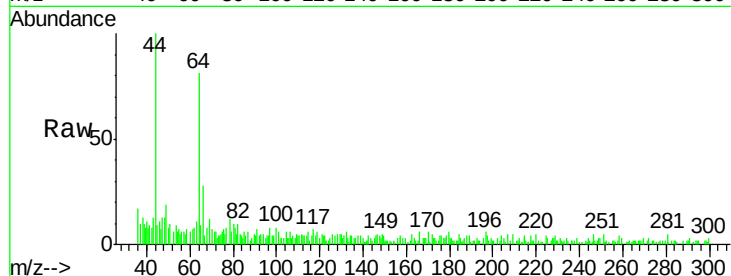
66 33.0 24.8 37.2

Manual Integrations

APPROVED

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3/19/2020 12:00:48 PM



#7

Trichlorofluoromethane

Concen: 1.285 ug/l

RT: 1.93 min Scan# 171

Delta R.T. 0.01 min

Lab File: VX015321.D

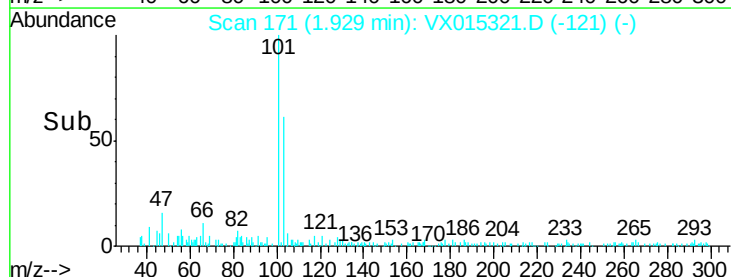
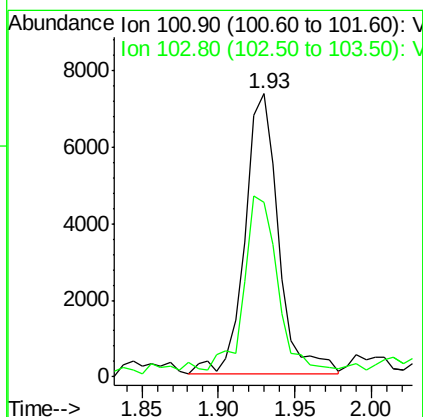
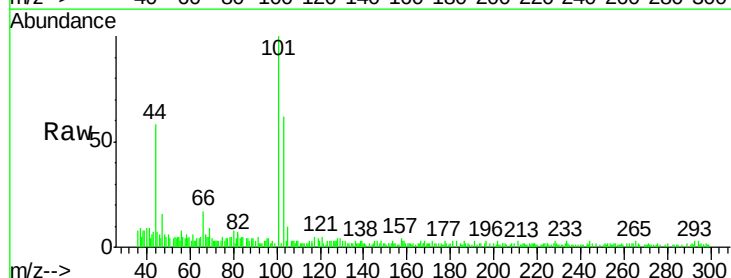
Acq: 18 Mar 2020 12:22

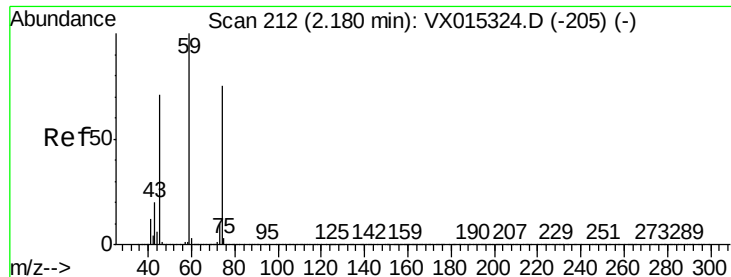
Tgt Ion: 101 Resp: 11111

Ion Ratio Lower Upper

101 100

103 59.6 52.6 79.0





#8

Diethyl Ether

Concen: 1.201 ug/l

RT: 2.18 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX015321.D

Acq: 18 Mar 2020 12:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 74 Resp: 4624

Ion Ratio Lower Upper

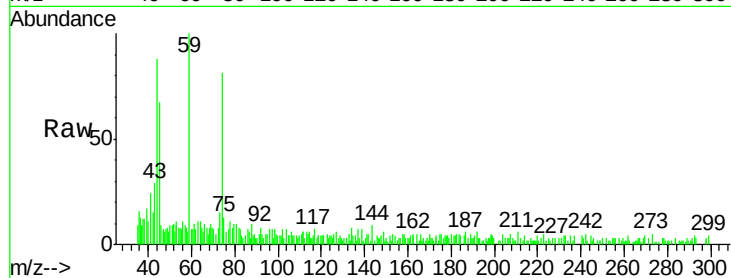
74 100

45 113.8 46.5 139.5

Manual Integrations
APPROVED

MMDadoda

3/19/2020 12:00:48 PM

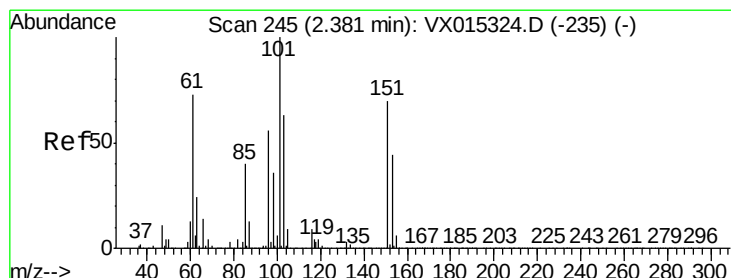
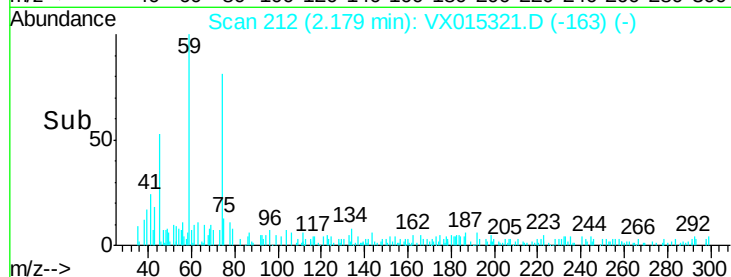


Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

Time-->

2.18



#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.647 ug/l

RT: 2.38 min Scan# 245

Delta R.T. -0.00 min

Lab File: VX015321.D

Acq: 18 Mar 2020 12:22

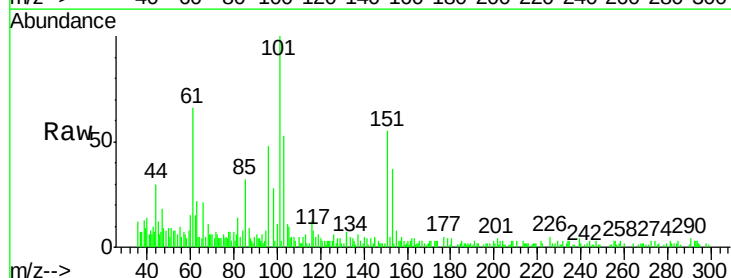
Tgt Ion: 101 Resp: 9033

Ion Ratio Lower Upper

101 100

85 43.6 32.2 48.4

151 63.8 55.0 82.6



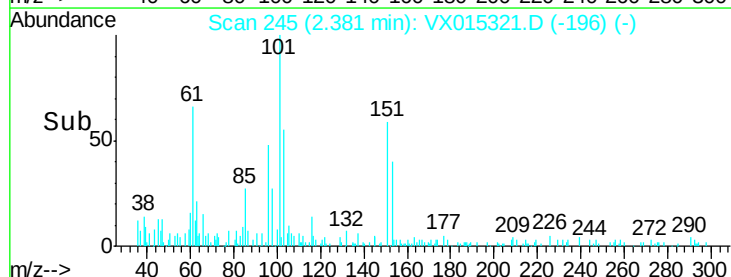
Abundance Ion 100.90 (100.60 to 101.60): V

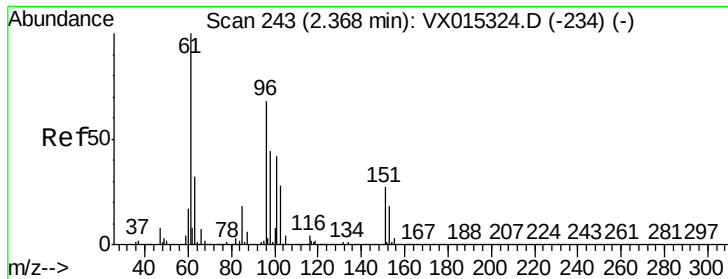
Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V

Time-->

2.38





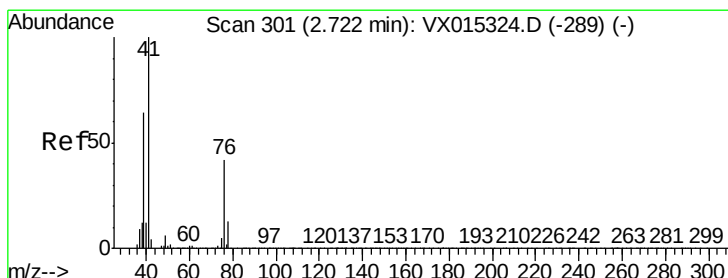
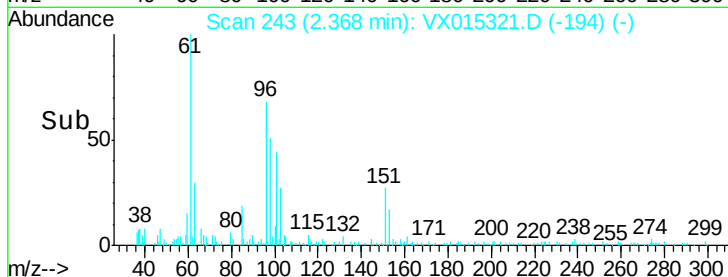
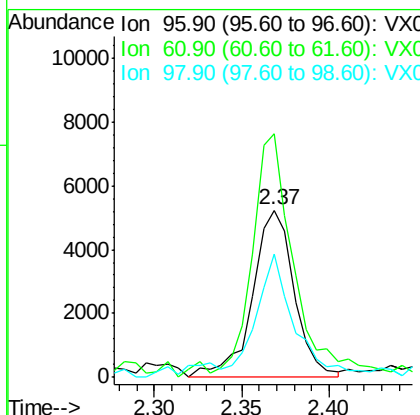
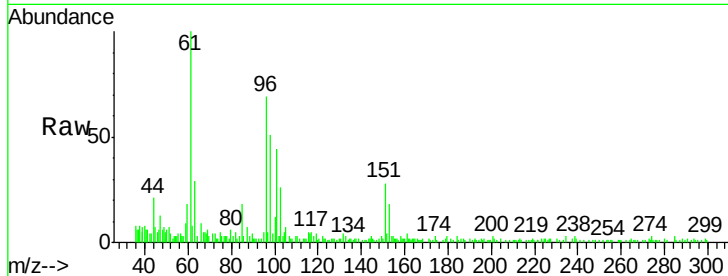
#12
1,1-Dichloroethene
Concen: 1.536 ug/l
RT: 2.37 min Scan# 243
Delta R.T. -0.00 min
Lab File: VX015321.D
Acq: 18 Mar 2020 12:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
96	100		
61	141.1	117.7	176.5
98	66.8	52.3	78.5

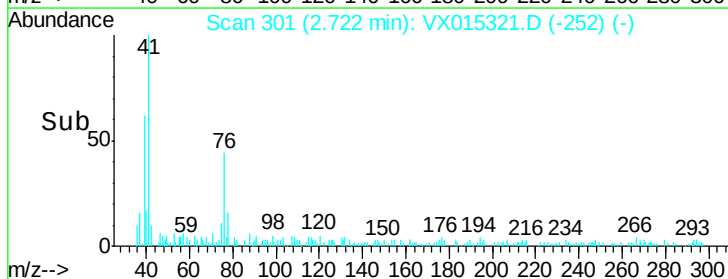
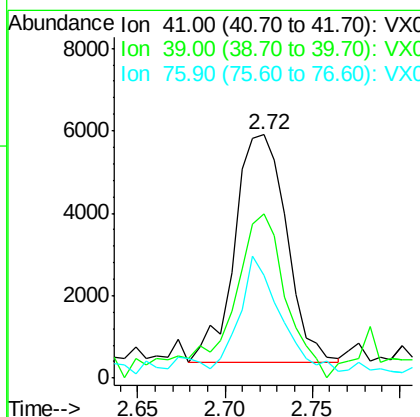
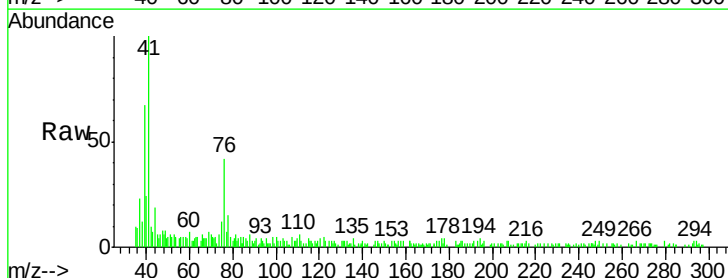
Manual Integrations
APPROVED

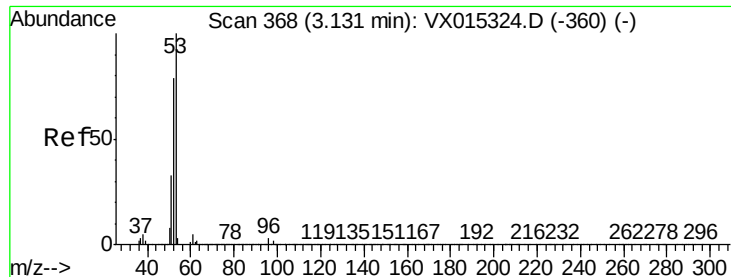
MMDadoda
3/19/2020 12:00:48 PM



#14
Allyl chloride
Concen: 1.171 ug/l
RT: 2.72 min Scan# 301
Delta R.T. -0.00 min
Lab File: VX015321.D
Acq: 18 Mar 2020 12:22

Tgt Ion	Ratio	Lower	Upper
41	100		
39	79.6	46.8	70.2#
76	38.4	30.7	46.1





#15

Acrylonitrile

Concen: 6.317 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX015321.D

Acq: 18 Mar 2020 12:22

Instrument :

MSVOA_X

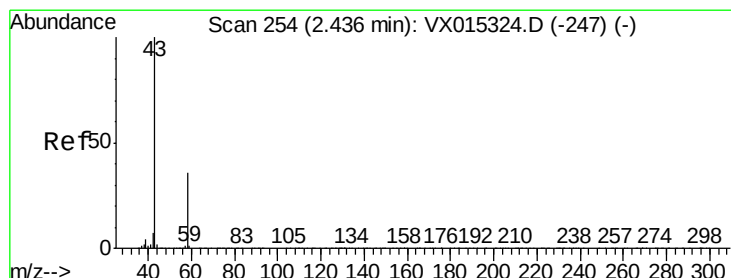
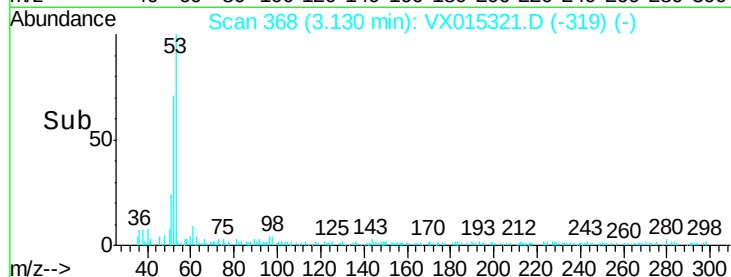
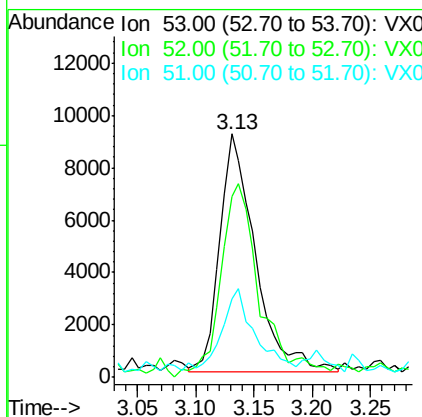
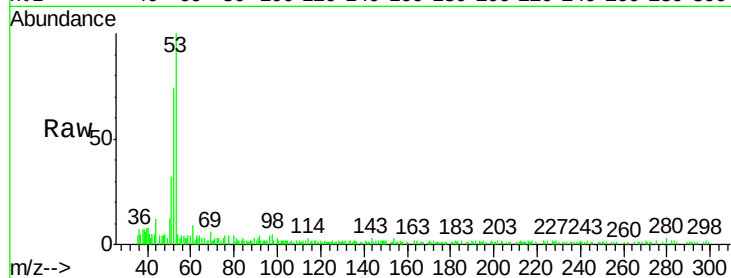
ClientSampleId :

VSTDIC001

Tot Ion:	53	Resp:	19210
Ion Ratio		Lower	Upper
53	100		
52	90.4	64.6	97.0
51	35.1	27.5	41.3

Manual Integrations
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3/19/2020 12:00:48 PM



#16

Acetone

Concen: 7.060 ug/l

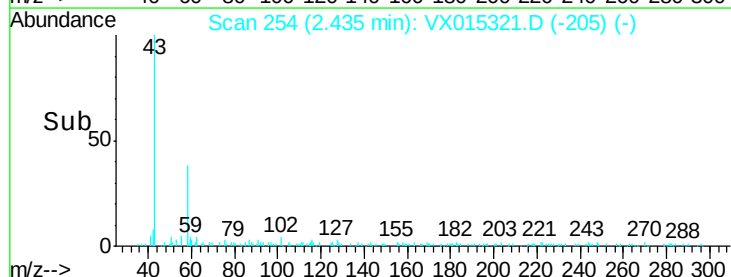
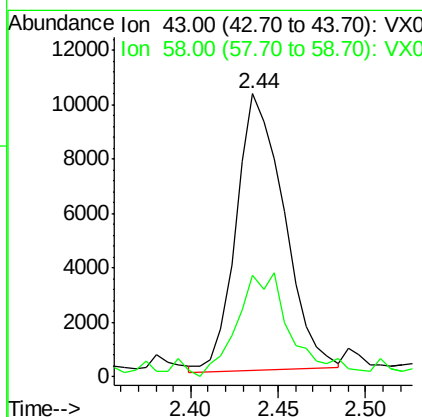
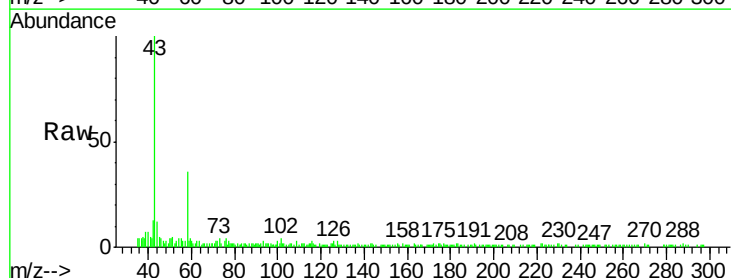
RT: 2.44 min Scan# 254

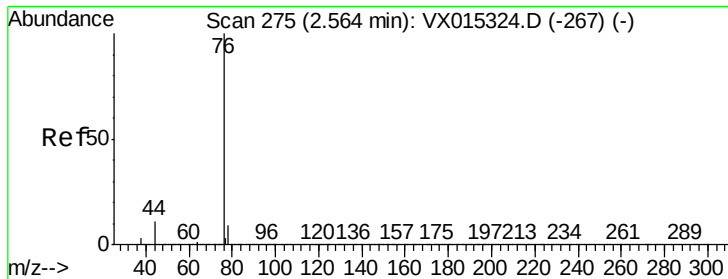
Delta R.T. -0.00 min

Lab File: VX015321.D

Acq: 18 Mar 2020 12:22

Tgt Ion:	43	Resp:	19234
Ion Ratio		Lower	Upper
43	100		
58	34.5	29.0	43.4





#17

Carbon Disulfide

Concen: 1.362 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.00 min

Lab File: VX015321.D

Acq: 18 Mar 2020 12:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC001

Tot Ion: 76 Resp: 21556

Ion Ratio Lower Upper

76 100

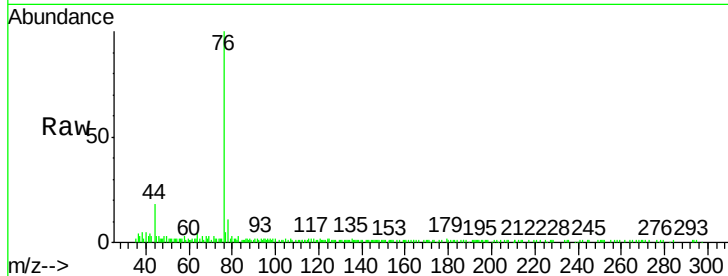
78 8.9 7.2 10.8

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

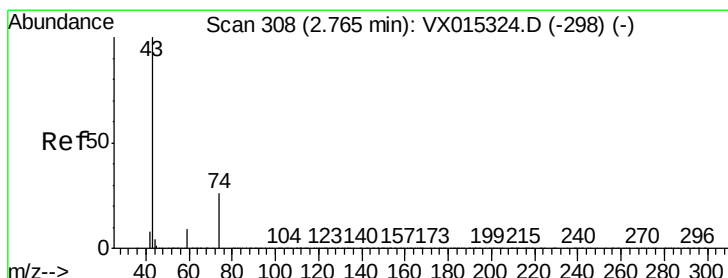
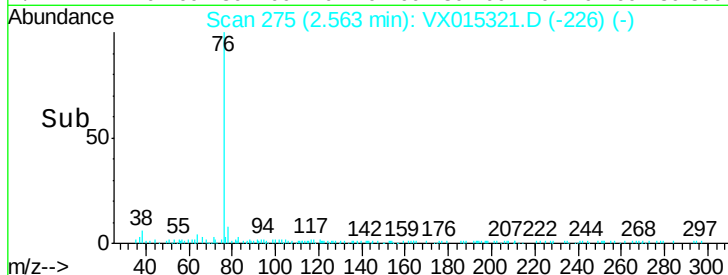
15000

10000

5000

0

Time-->



#18

Methyl Acetate

Concen: 1.234 ug/l

RT: 2.76 min Scan# 308

Delta R.T. -0.00 min

Lab File: VX015321.D

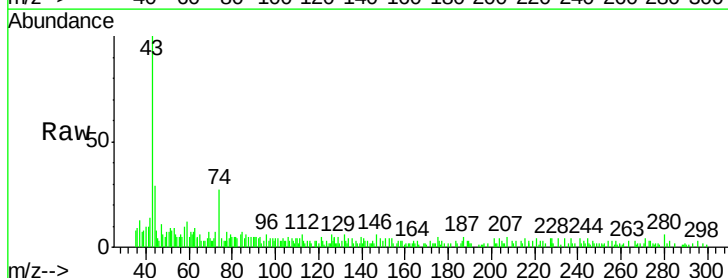
Acq: 18 Mar 2020 12:22

Tgt Ion: 43 Resp: 8433

Ion Ratio Lower Upper

43 100

74 27.9 21.9 32.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

5000

4000

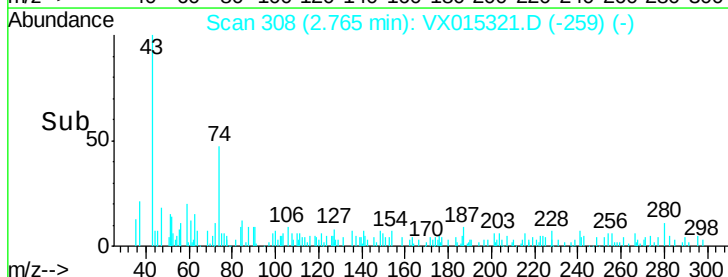
3000

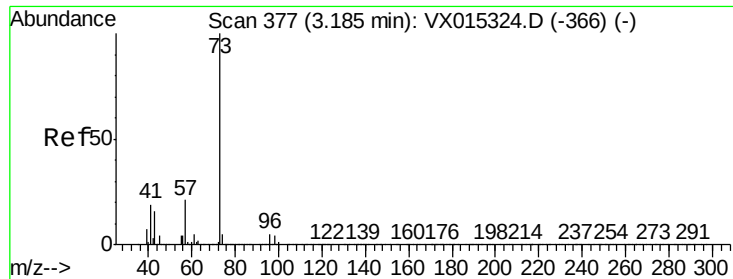
2000

1000

0

Time-->





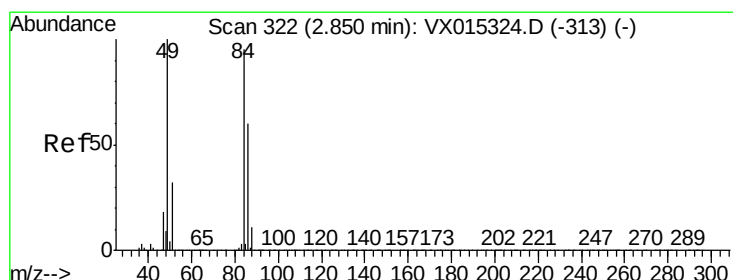
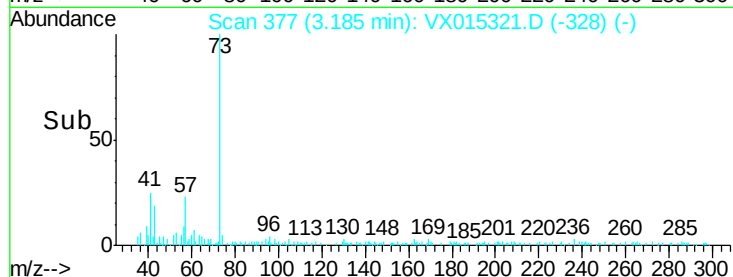
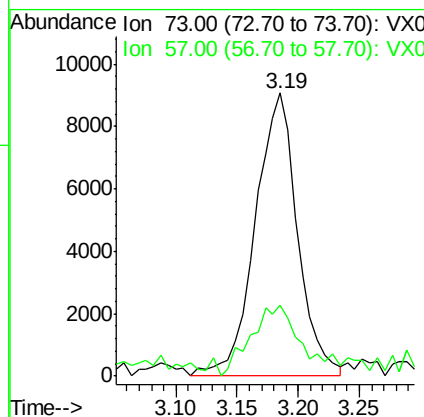
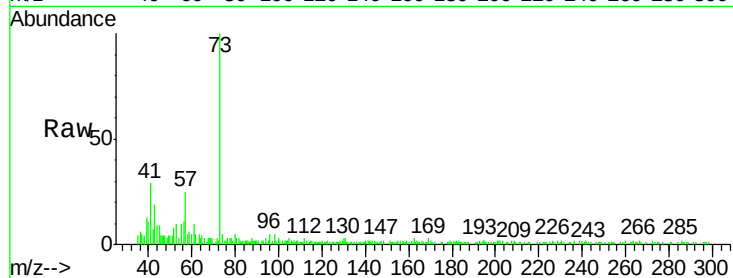
#19
Methyl tert-butyl Ether
Concen: 1.215 ug/l
RT: 3.19 min Scan# 377
Delta R.T. -0.00 min
Lab File: VX015321.D
Acq: 18 Mar 2020 12:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.6	16.8	25.2

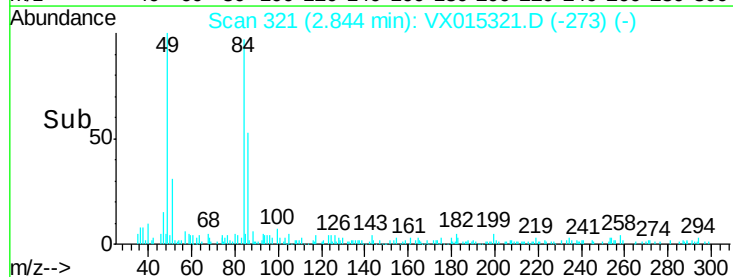
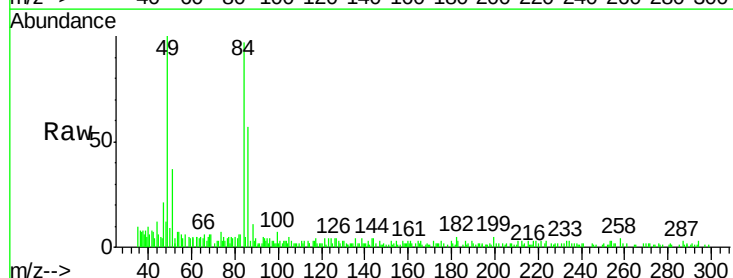
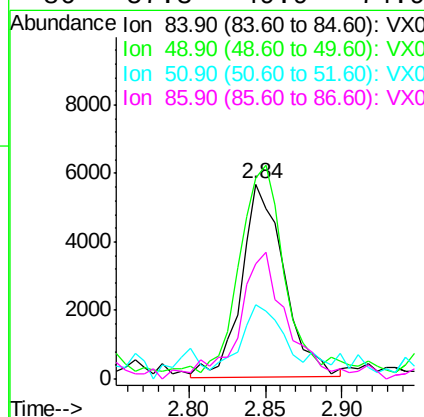
Manual Integrations
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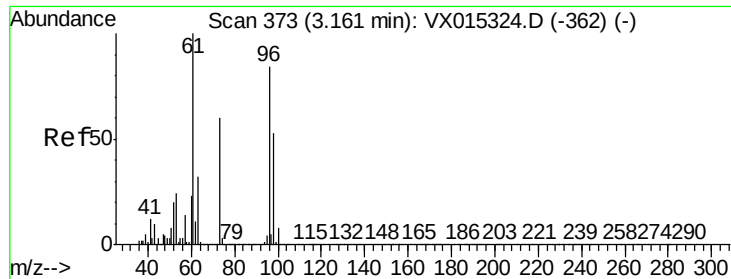
MMDadoda
3/19/2020 12:00:48 PM



#20
Methylene Chloride
Concen: 1.625 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX015321.D
Acq: 18 Mar 2020 12:22

Tgt Ion	Ratio	Lower	Upper
84	100		
49	98.9	84.0	126.0
51	25.1	27.0	40.6#
86	57.3	49.9	74.9





#21

trans-1,2-Dichloroethene

Concen: 1.408 ug/l

RT: 3.16 min Scan# 373

Delta R.T. -0.00 min

Lab File: VX015321.D

Acq: 18 Mar 2020 12:22

Instrument :

MSVOA_X

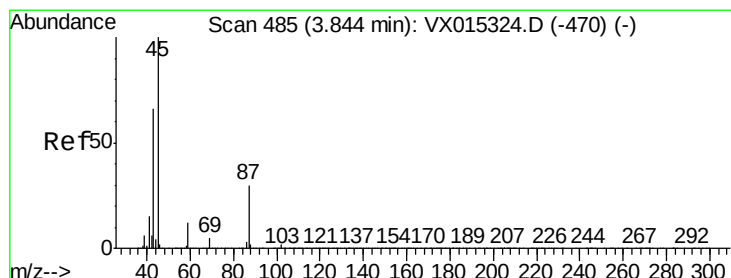
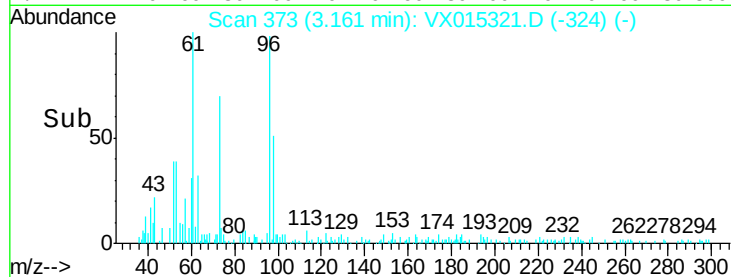
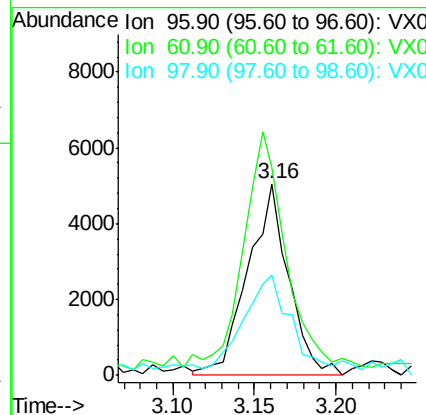
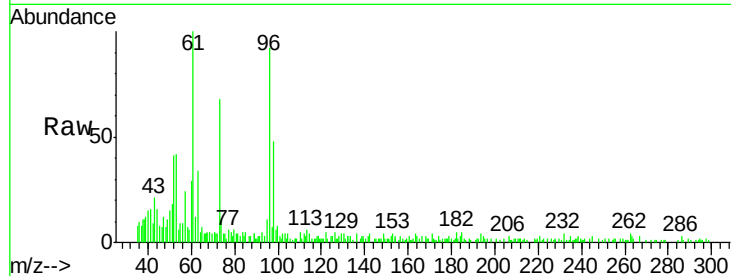
ClientSampleId :

VSTDIC001

Tot Ion:	96	Resp:	8812
Ion Ratio	Lower	Upper	
96	100		
61	99.5	95.5	143.3
98	46.5	50.2	75.2#

Manual Integrations
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MMDadoda
3/19/2020 12:00:48 PM



#22

Diisopropyl ether

Concen: 1.066 ug/l

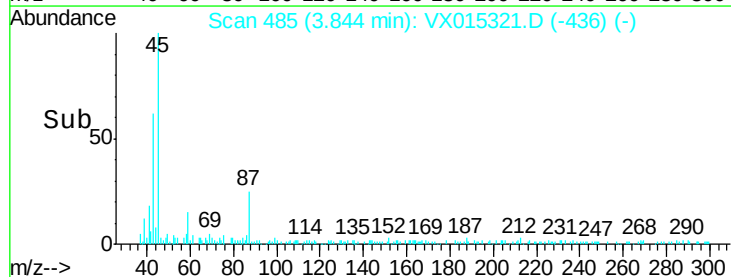
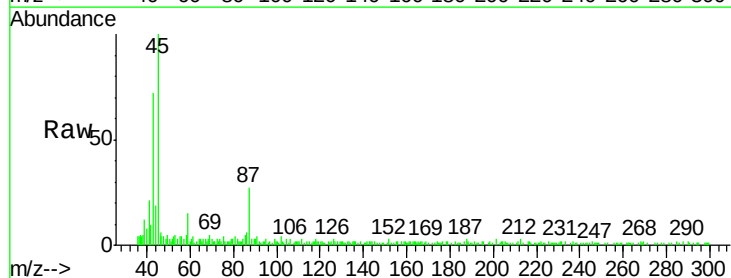
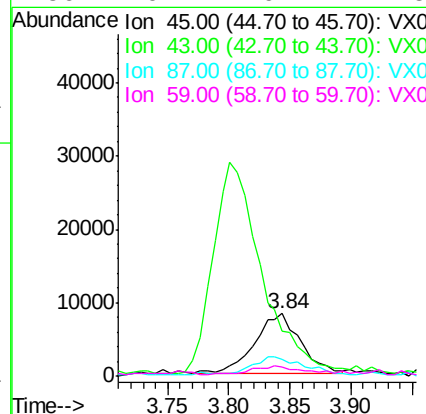
RT: 3.84 min Scan# 485

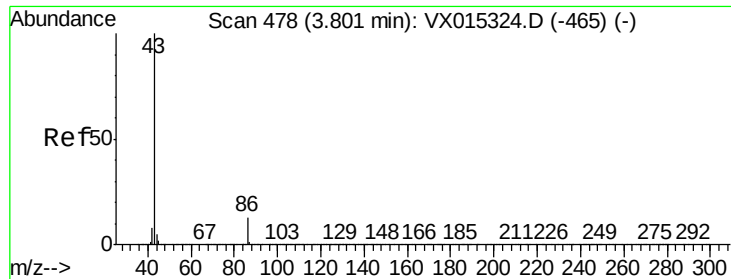
Delta R.T. -0.00 min

Lab File: VX015321.D

Acq: 18 Mar 2020 12:22

Tgt Ion:	45	Resp:	20991
Ion Ratio	Lower	Upper	
45	100		
43	65.0	52.8	79.2
87	26.6	24.3	36.5
59	9.4	9.7	14.5#





#23

Vinyl Acetate

Concen: 4.987 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX015321.D

Acq: 18 Mar 2020 12:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 43 Resp: 80281

Ion Ratio Lower Upper

43 100

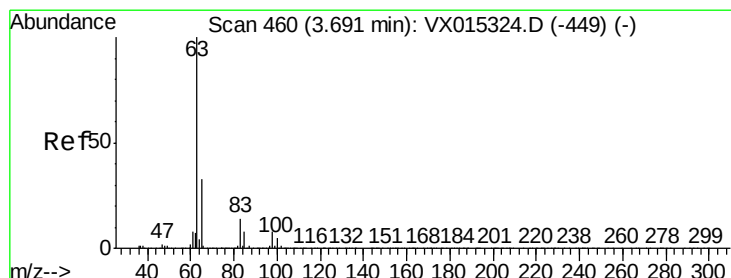
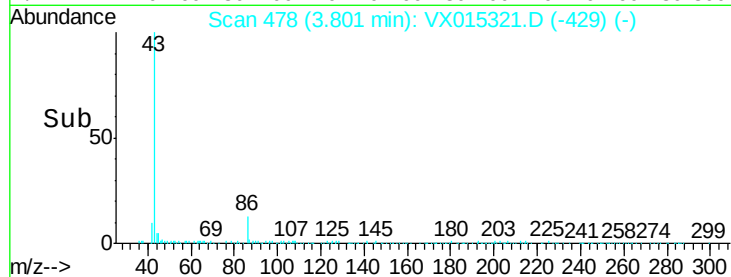
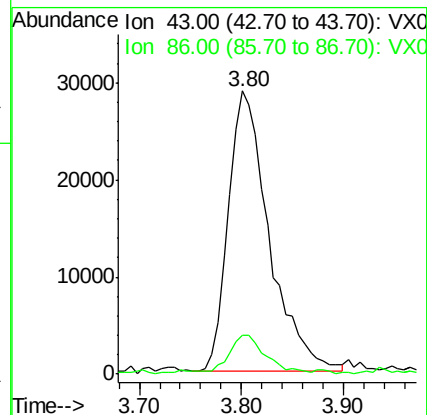
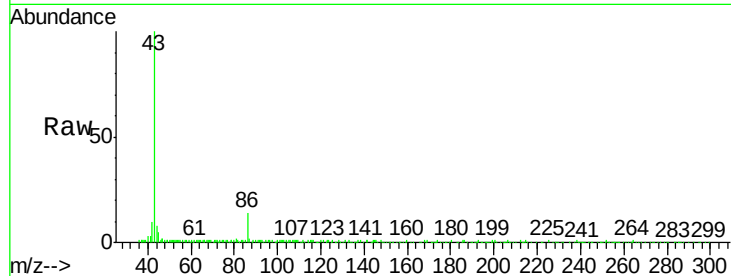
86 13.2 10.1 15.1

Manual Integrations

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MMDadoda

3/19/2020 12:00:48 PM



#24

1,1-Dichloroethane

Concen: 1.509 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX015321.D

Acq: 18 Mar 2020 12:22

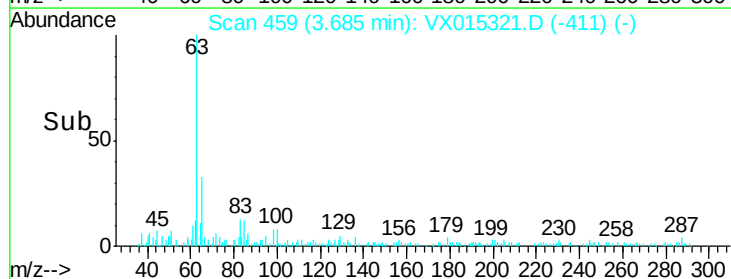
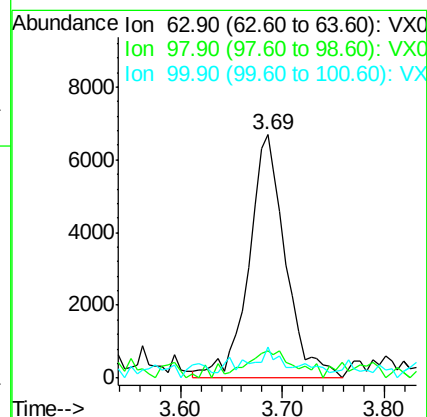
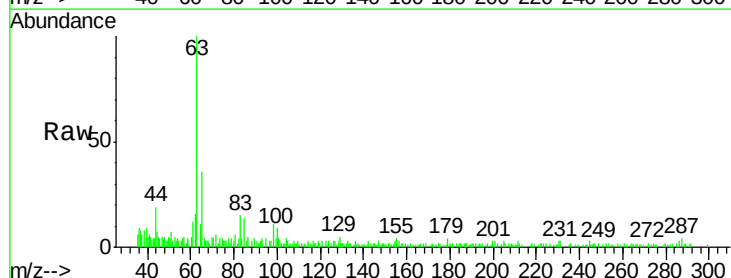
Tgt Ion: 63 Resp: 16661

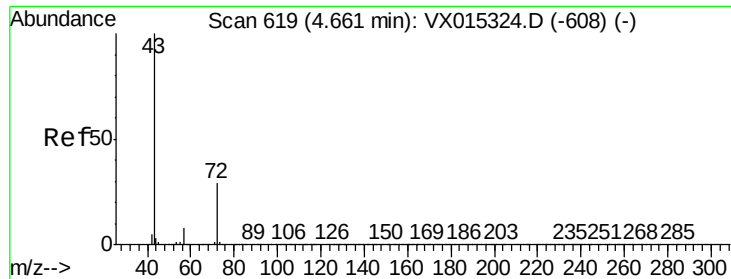
Ion Ratio Lower Upper

63 100

98 9.2 3.9 11.7

100 7.4 2.4 7.2#





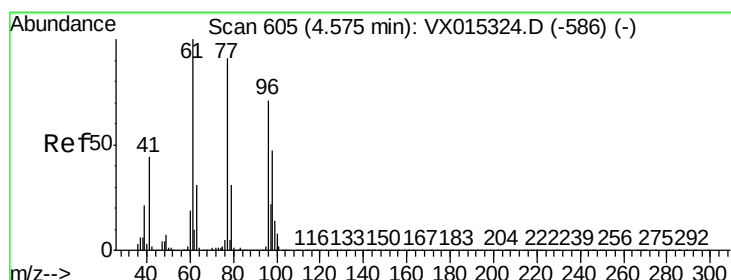
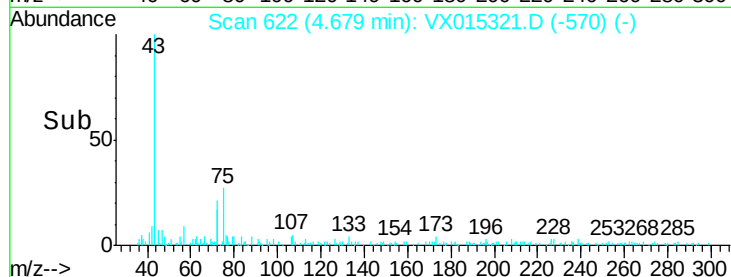
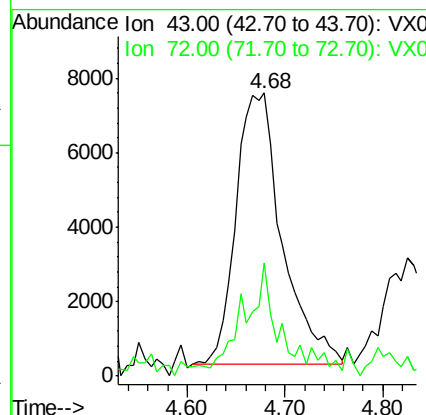
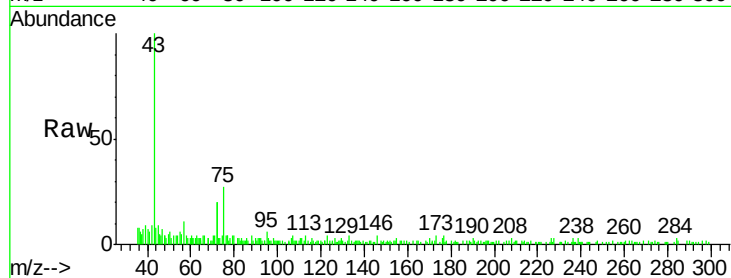
#25
2-Butanone
Concen: 5.822 ug/l
RT: 4.68 min Scan# 622
Delta R.T. 0.02 min
Lab File: VX015321.D
Acq: 18 Mar 2020 12:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion: 43 Resp: 23694
Ion Ratio Lower Upper
43 100
72 39.7 23.1 34.7#

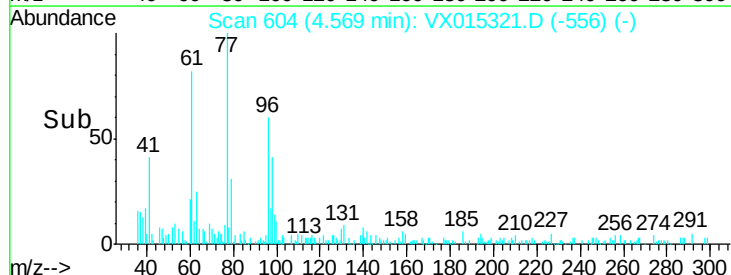
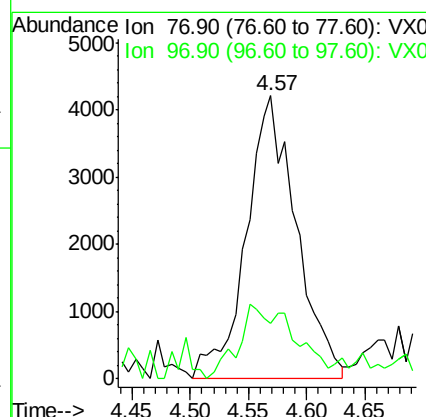
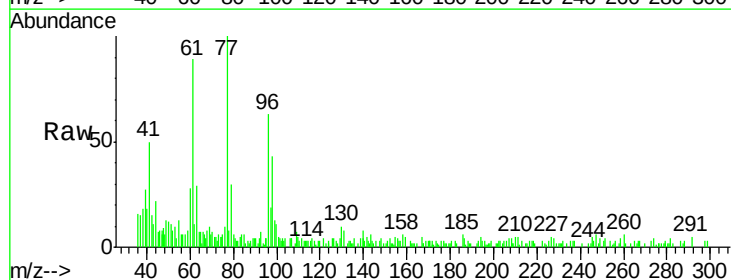
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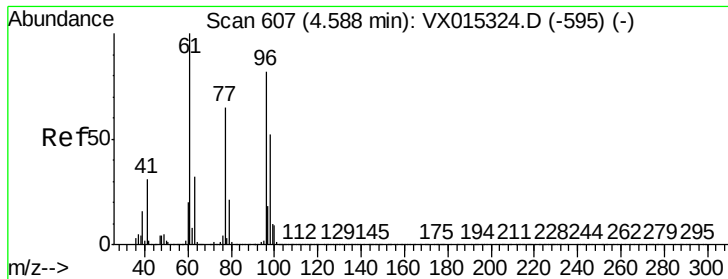
MMDadoda
3/19/2020 12:00:48 PM



#26
2,2-Dichloropropane
Concen: 1.445 ug/l
RT: 4.57 min Scan# 604
Delta R.T. -0.01 min
Lab File: VX015321.D
Acq: 18 Mar 2020 12:22

Tgt Ion: 77 Resp: 12562
Ion Ratio Lower Upper
77 100
97 16.3 13.0 38.9





#27

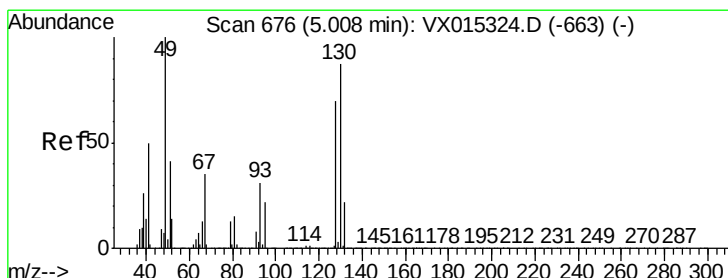
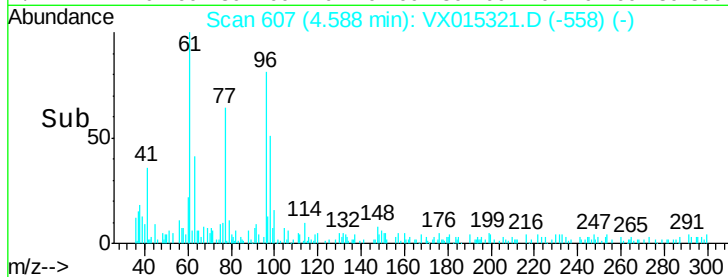
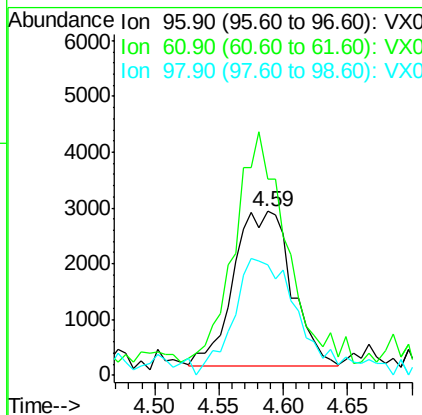
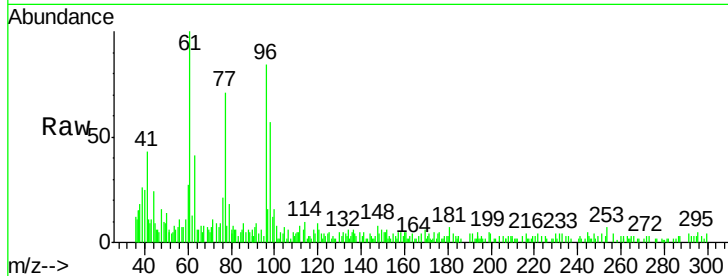
cis-1,2-Dichloroethene
Concen: 1.257 ug/l
RT: 4.59 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX015321.D
Acq: 18 Mar 2020 12:22

Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
96	100		
61	130.5	0.0	255.8
98	83.8	0.0	128.8

Manual Integrations
APPROVED

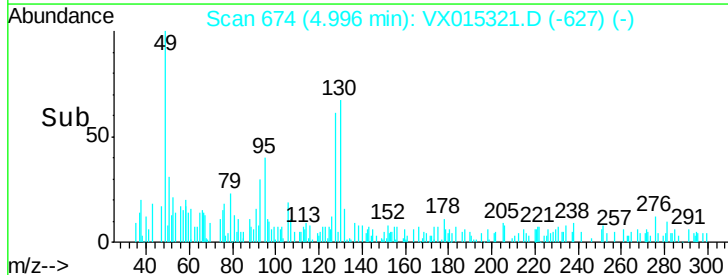
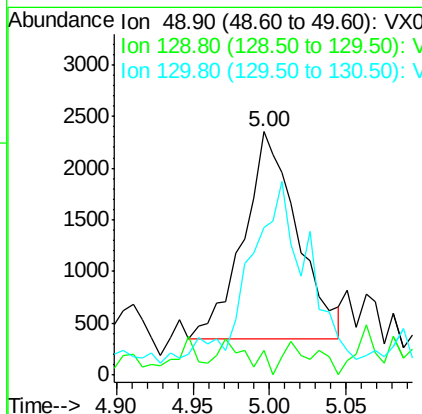
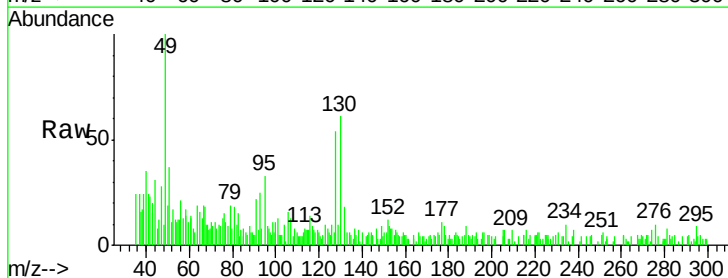
MMDadoda
3/19/2020 12:00:48 PM

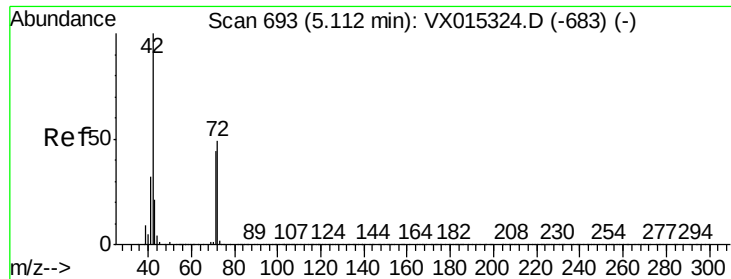


#28

Bromochloromethane
Concen: 0.988 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX015321.D
Acq: 18 Mar 2020 12:22

Tgt Ion	Ratio	Lower	Upper
49	100		
129	9.4	0.0	5.4#
130	92.2	69.9	104.9





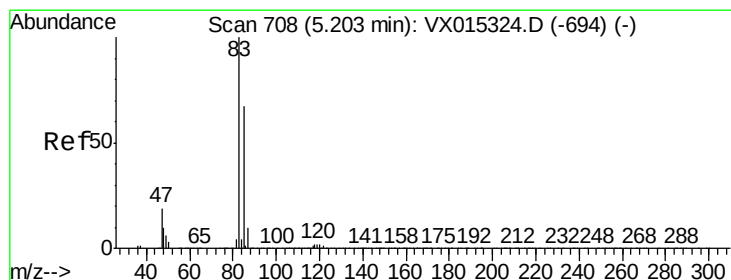
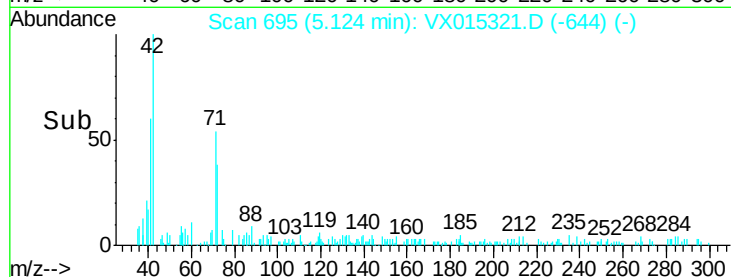
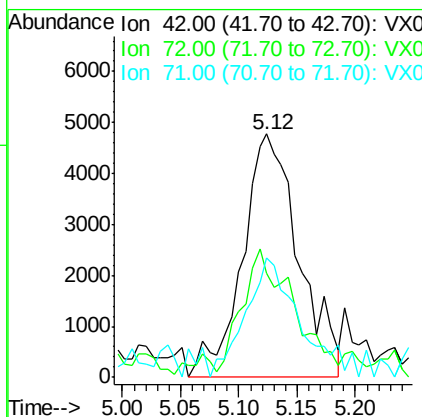
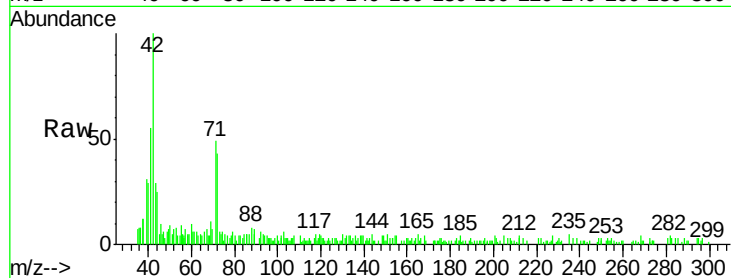
#29
Tetrahydrofuran
Concen: 6.086 ug/l
RT: 5.12 min Scan# 695
Delta R.T. 0.01 min
Lab File: VX015321.D
Acq: 18 Mar 2020 12:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.8	39.6	59.4
71	47.1	36.5	54.7

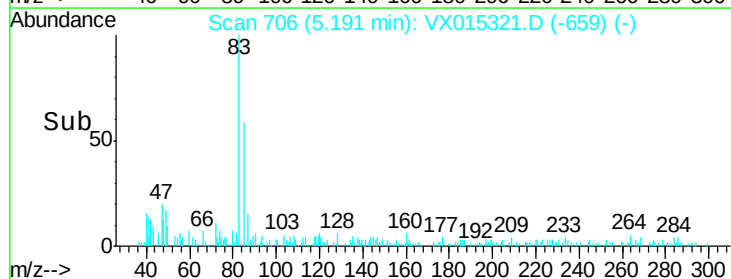
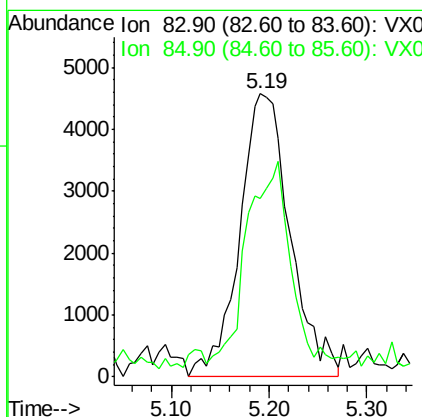
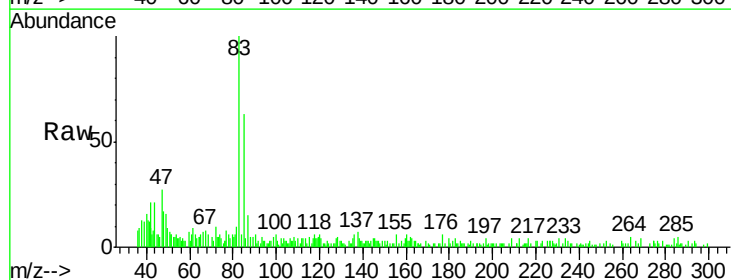
Manual Integrations
APPROVED

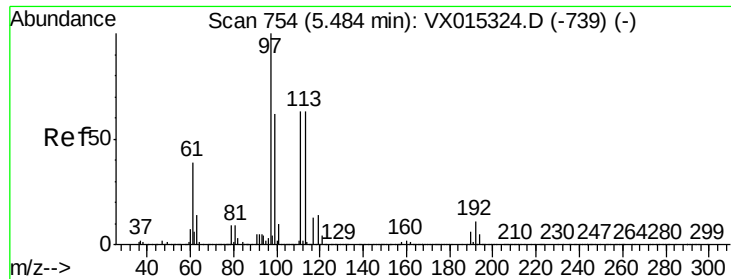
MMDadoda
3/19/2020 12:00:48 PM



#30
Chloroform
Concen: 1.519 ug/l
RT: 5.19 min Scan# 706
Delta R.T. -0.01 min
Lab File: VX015321.D
Acq: 18 Mar 2020 12:22

Tgt Ion	Ratio	Lower	Upper
83	100		
85	56.0	53.8	80.6





#32

1,1,1-Trichloroethane

Concen: 1.400 ug/l

RT: 5.48 min Scan# 753

Delta R.T. -0.01 min

Lab File: VX015321.D

Acq: 18 Mar 2020 12:22

Instrument :

MSVOA_X

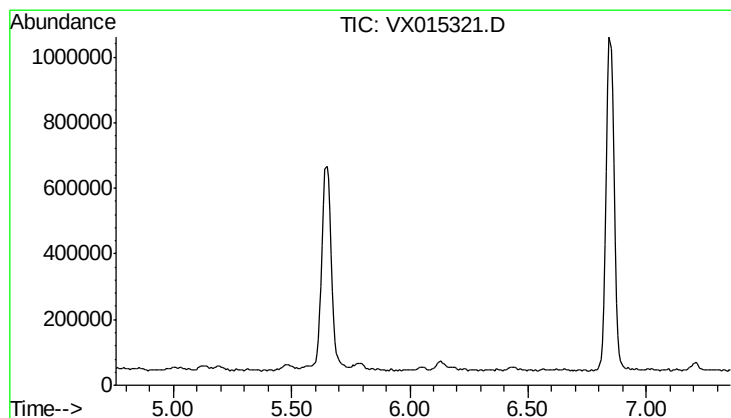
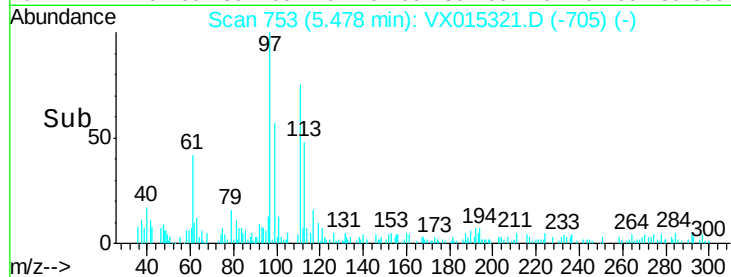
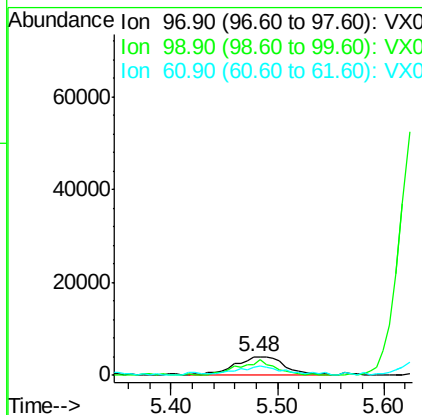
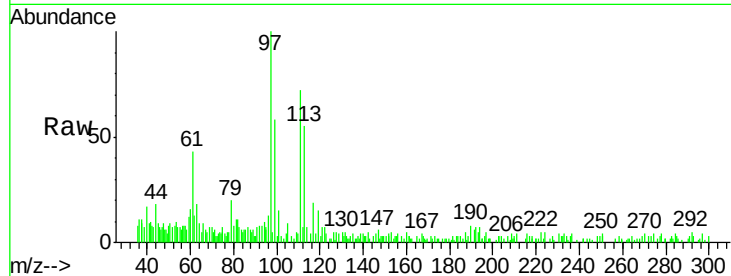
ClientSampleId :

VSTDIC001

Tot Ion:	97	Resp:	12629
Ion Ratio	Lower	Upper	
97	100		
99	0.0	51.4	77.0#
61	41.4	31.7	47.5

Manual Integrations
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MMDadoda
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#33

1,2-Dichloroethane-d4

Concen: 0.000 ug/l

Expected RT: 6.06 min

Lab File: VX015321.D

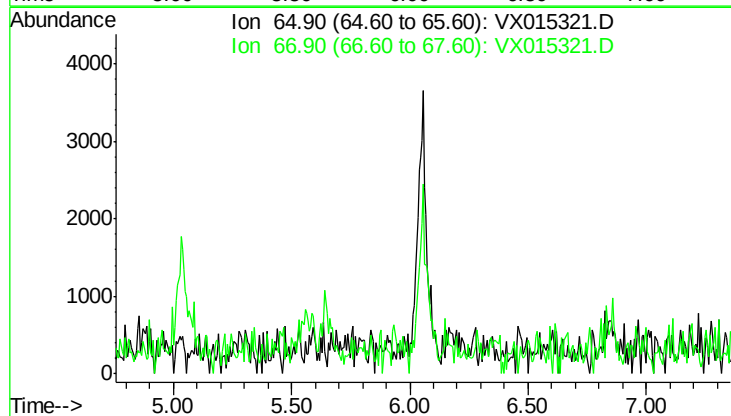
Acq: 18 Mar 2020 12:22

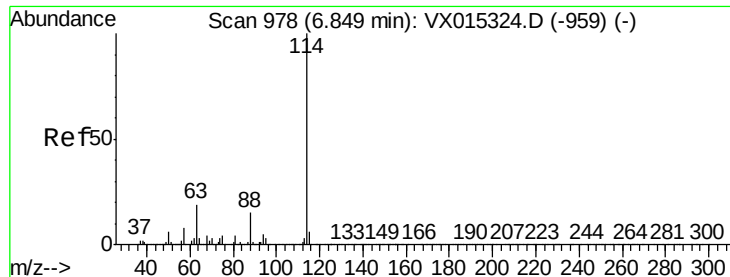
Tgt Ion: 65

Sig Exp Ratio

65 100

67 54.3





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 977

Delta R.T. -0.01 min

Lab File: VX015321.D

Acq: 18 Mar 2020 12:22

Instrument :

MSVOA_X

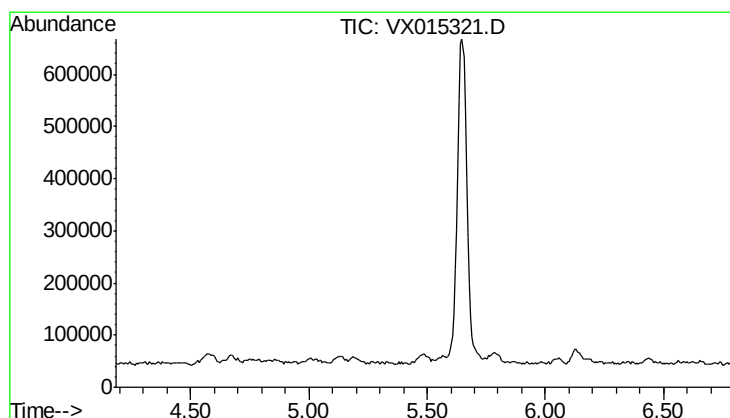
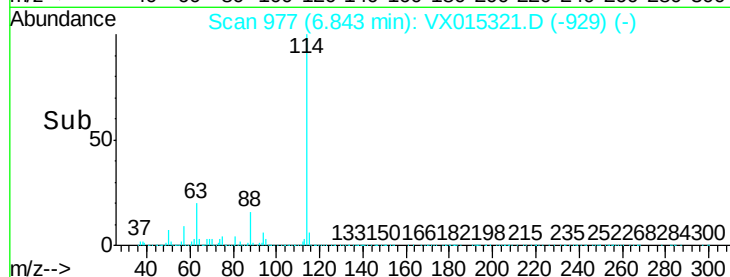
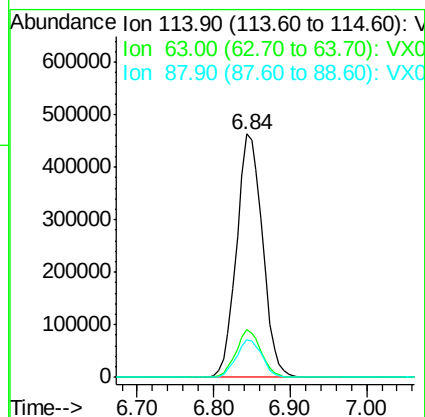
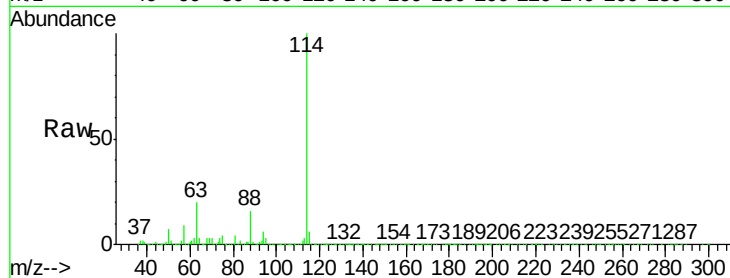
ClientSampleId :

VSTDIC001

Tot Ion:	114	Resp:	1087630
Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	37.4
88	15.4	0.0	30.0

Manual Integrations
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MMDadoda
3/19/2020 12:00:48 PM



#35

Dibromofluoromethane

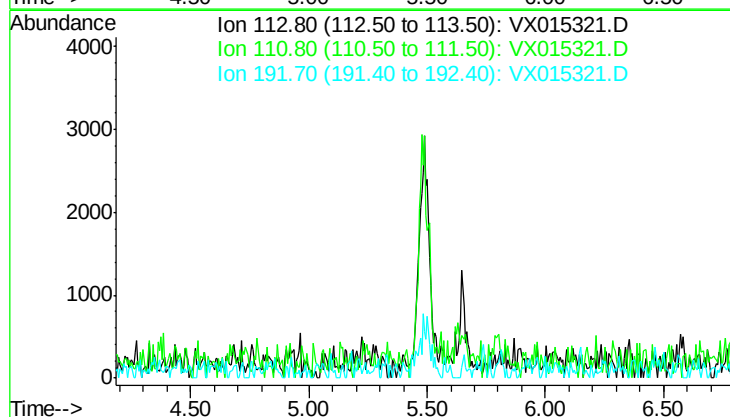
Concen: 0.000 ug/l

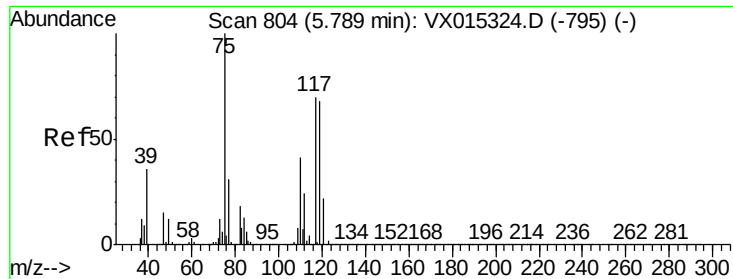
Expected RT: 5.48 min

Lab File: VX015321.D

Acq: 18 Mar 2020 12:22

Tgt Ion:	113
Sig	Exp Ratio
113	100
111	103.1
192	17.7





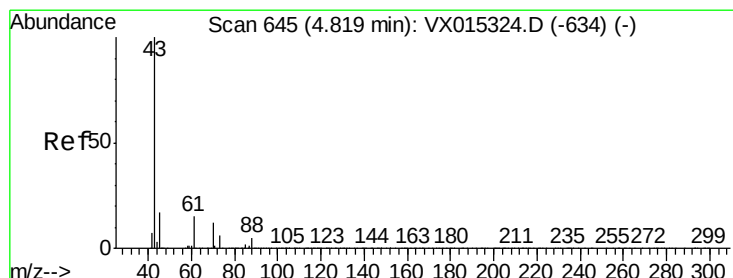
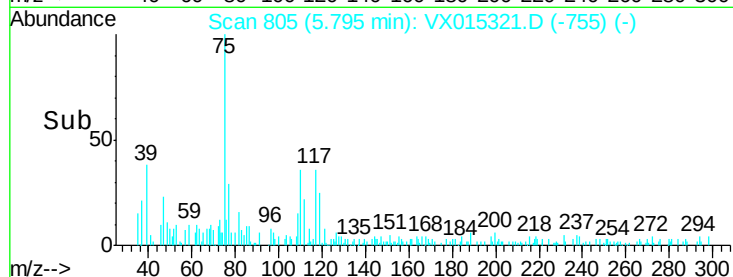
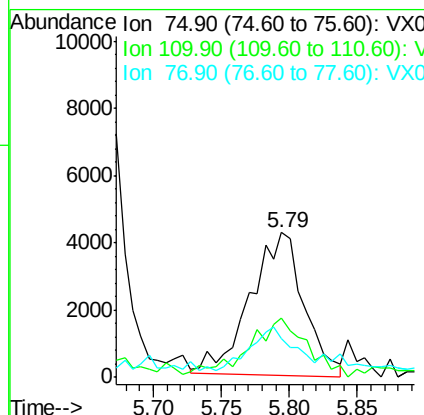
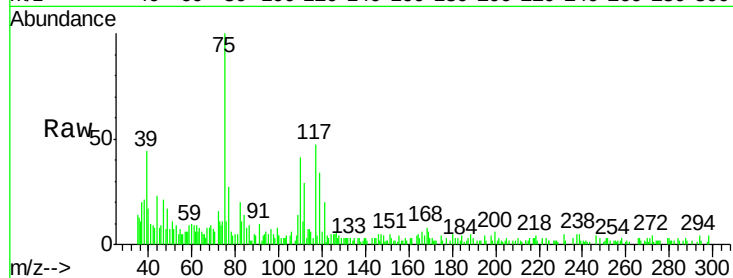
#36
 1,1-Dichloropropene
 Concen: 1.147 ug/l
 RT: 5.79 min Scan# 805
 Delta R.T. 0.01 min
 Lab File: VX015321.D
 Acq: 18 Mar 2020 12:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
75	100		
110	46.7	19.4	58.4
77	24.4	24.6	37.0#

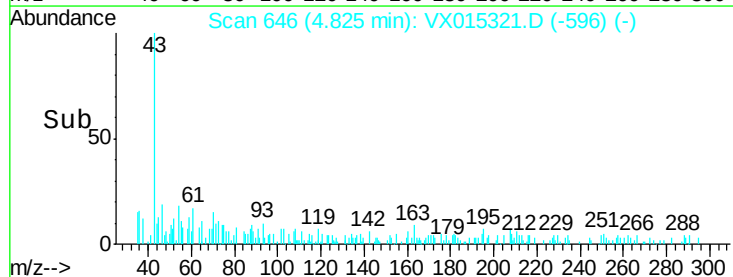
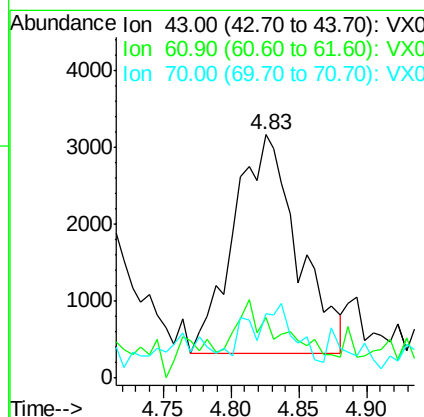
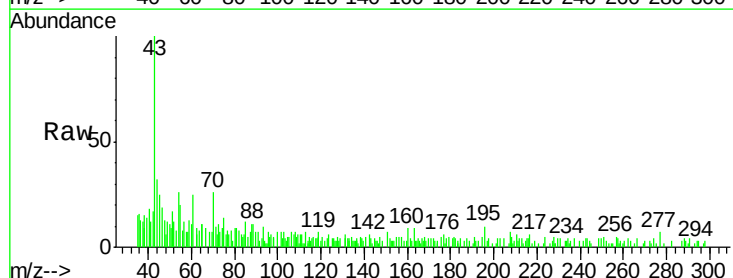
Manual Integrations
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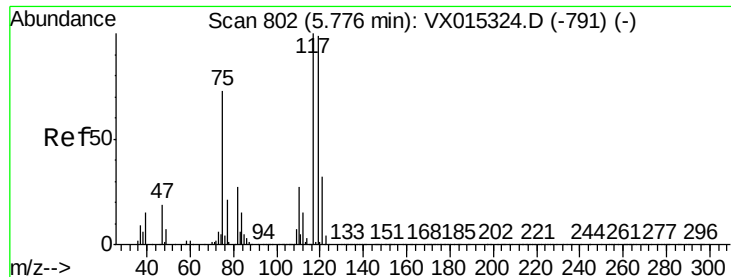
MMDadoda
 3/19/2020 12:00:48 PM



#37
 Ethyl Acetate
 Concen: 1.012 ug/l
 RT: 4.83 min Scan# 646
 Delta R.T. 0.01 min
 Lab File: VX015321.D
 Acq: 18 Mar 2020 12:22

Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.2	18.2#
70	11.9	9.8	14.6





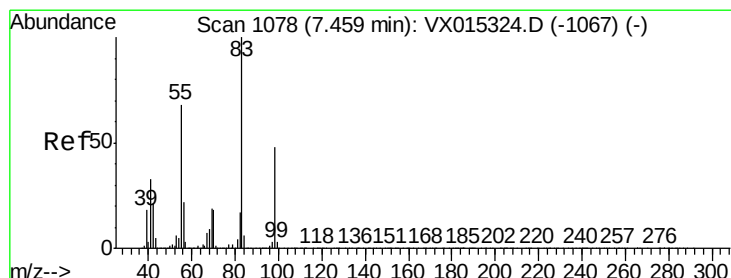
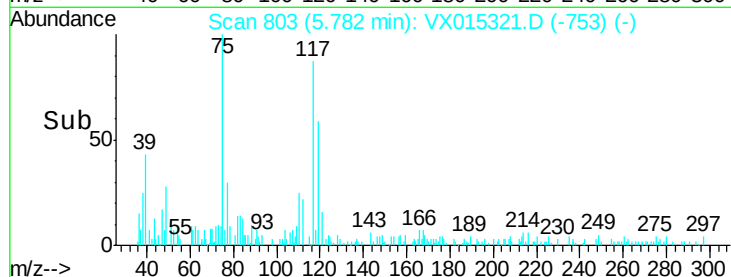
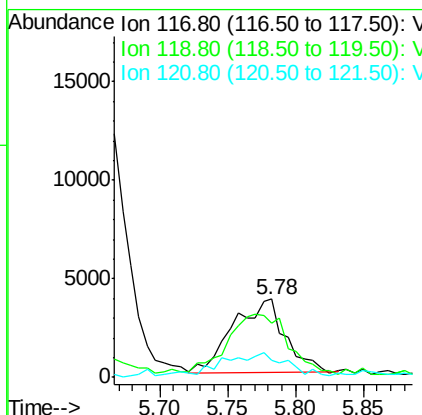
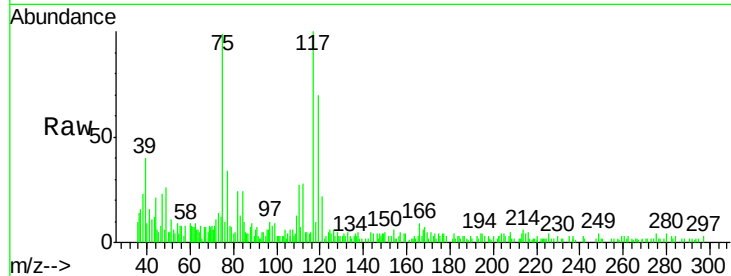
#38
Carbon Tetrachloride
Concen: 1.058 ug/l
RT: 5.78 min Scan# 803
Delta R.T. 0.01 min
Lab File: VX015321.D
Acq: 18 Mar 2020 12:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
117	100		
119	67.9	79.3	118.9#
121	18.1	25.4	38.0#

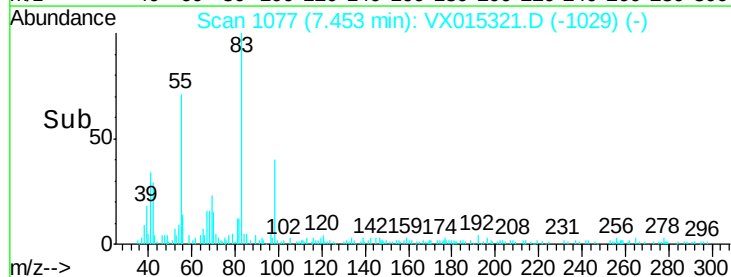
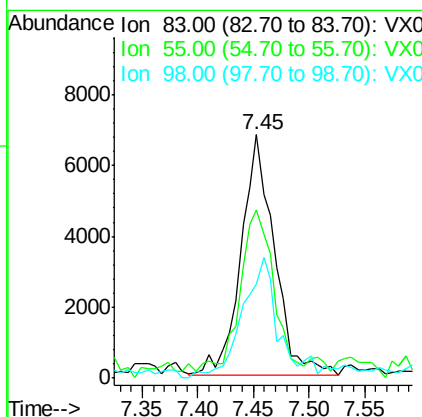
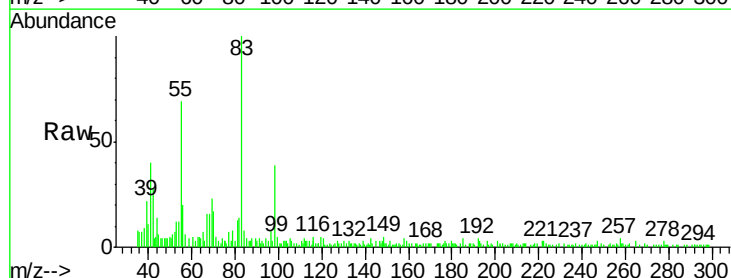
Manual Integrations
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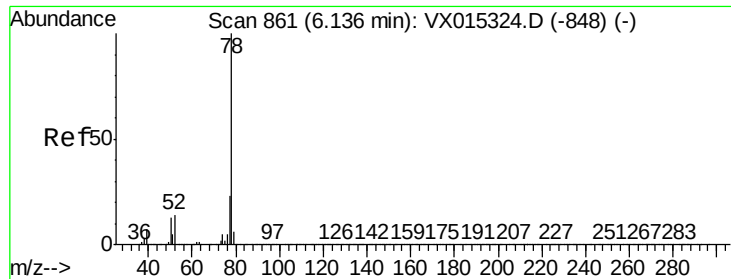
MMDadoda
3/19/2020 12:00:48 PM



#39
Methylcyclohexane
Concen: 1.205 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX015321.D
Acq: 18 Mar 2020 12:22

Tgt Ion	Ratio	Lower	Upper
83	100		
55	62.7	54.8	82.2
98	39.0	38.8	58.2





#40

Benzene

Concen: 1.080 ug/l

RT: 6.13 min Scan# 860

Delta R.T. -0.01 min

Lab File: VX015321.D

Acq: 18 Mar 2020 12:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 78 Resp: 32511

Ion Ratio Lower Upper

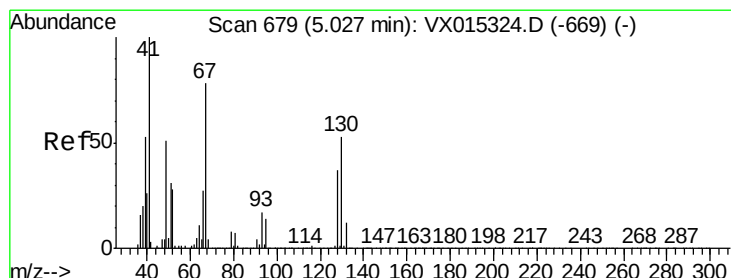
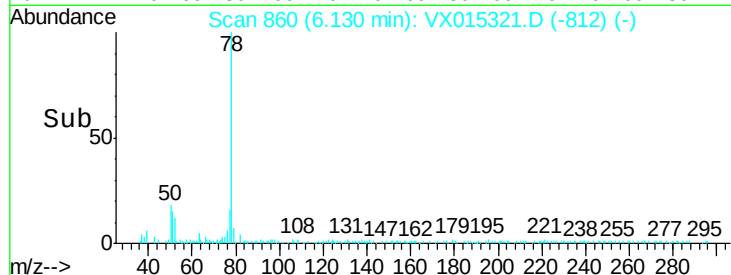
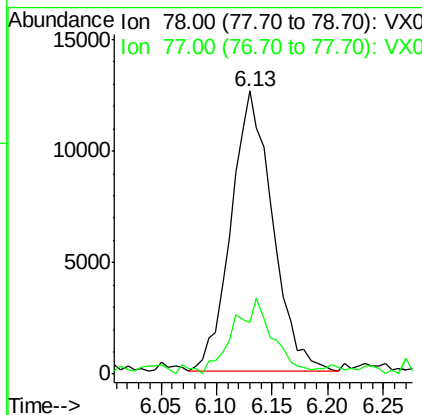
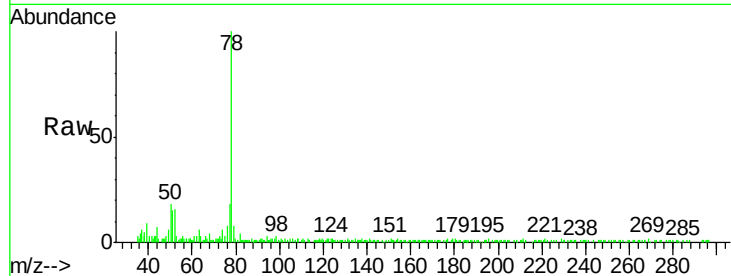
78 100

77 16.3 18.2 27.4#

Manual Integrations
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#41

Methacrylonitrile

Concen: 0.777 ug/l

RT: 5.03 min Scan# 679

Delta R.T. -0.00 min

Lab File: VX015321.D

Acq: 18 Mar 2020 12:22

Tgt Ion: 41 Resp: 4279

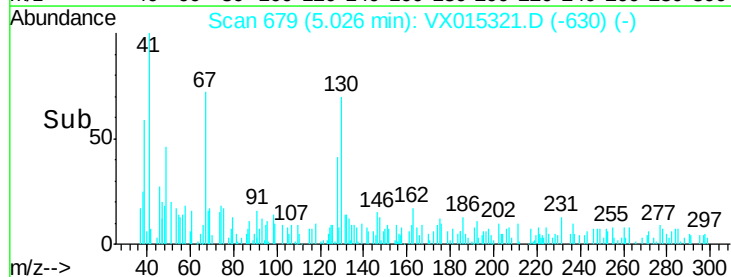
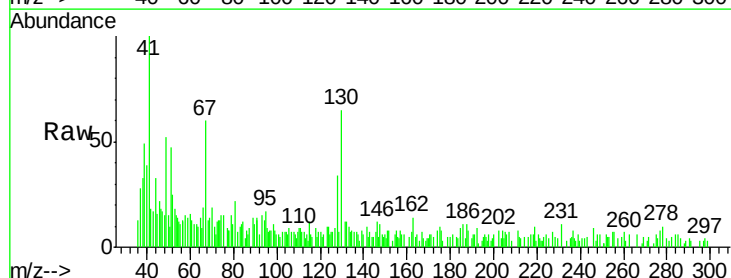
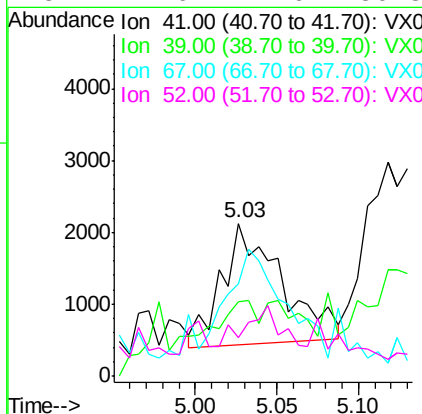
Ion Ratio Lower Upper

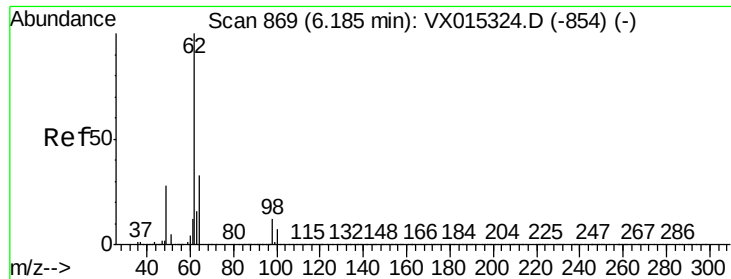
41 100

39 14.5 43.0 64.6#

67 85.6 66.0 99.0

52 27.6 24.6 36.8





#42

1,2-Dichloroethane

Concen: 0.966 ug/l

RT: 6.18 min Scan# 868

Delta R.T. -0.01 min

Lab File: VX015321.D

Acq: 18 Mar 2020 12:22

Instrument :

MSVOA_X

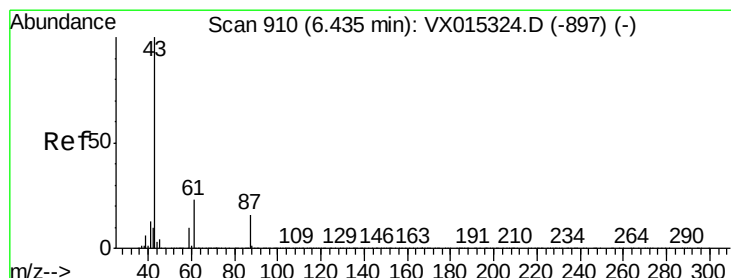
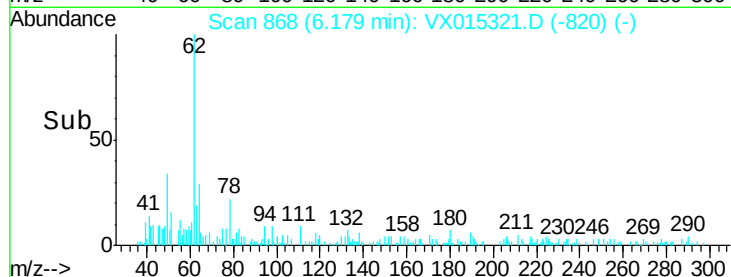
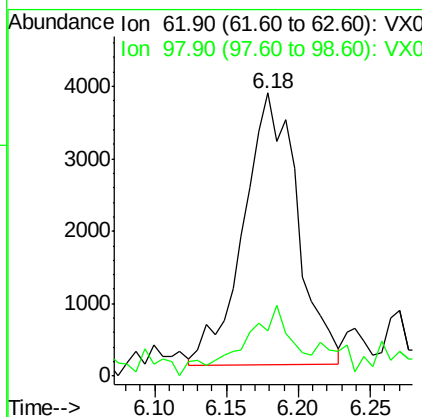
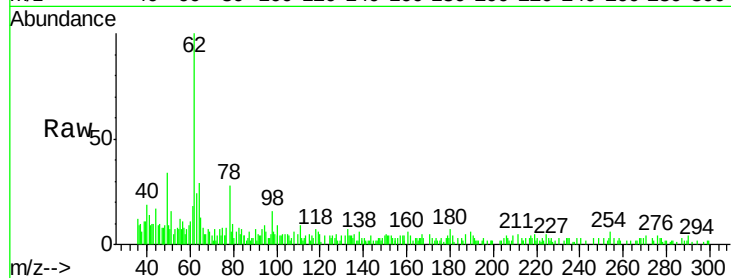
ClientSampleId :

VSTDIC001

Tot Ion:	62	Resp:	9759
Ion Ratio	Lower	Upper	
62	100		
98	18.9	0.0	22.6

Manual Integrations
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3/19/2020 12:00:48 PM



#43

Isopropyl Acetate

Concen: 0.820 ug/l

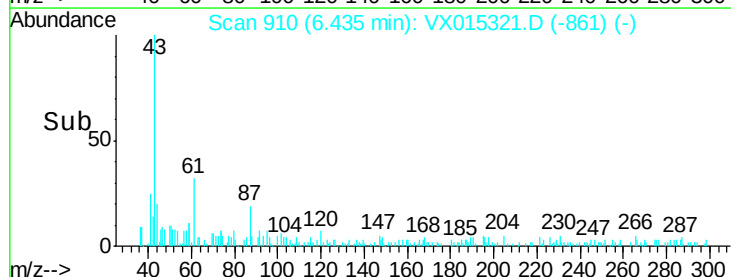
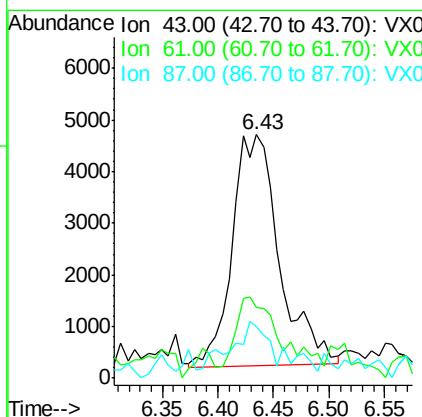
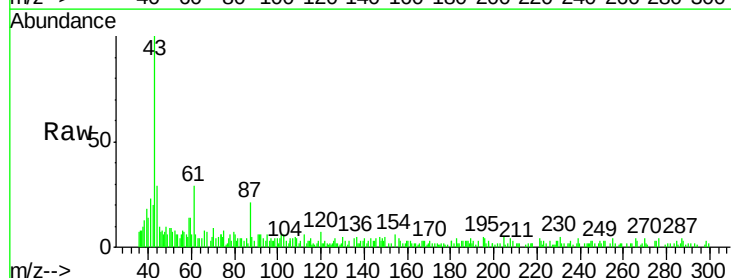
RT: 6.43 min Scan# 910

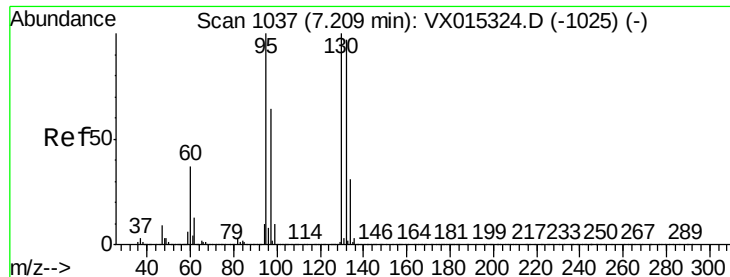
Delta R.T. -0.00 min

Lab File: VX015321.D

Acq: 18 Mar 2020 12:22

Tgt Ion:	43	Resp:	13192
Ion Ratio	Lower	Upper	
43	100		
61	26.5	18.2	27.2
87	20.3	12.3	18.5#





#44

Trichloroethene

Concen: 1.322 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. -0.00 min

Lab File: VX015321.D

Acq: 18 Mar 2020 12:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:130 Resp: 10986

Ion Ratio Lower Upper

130 100

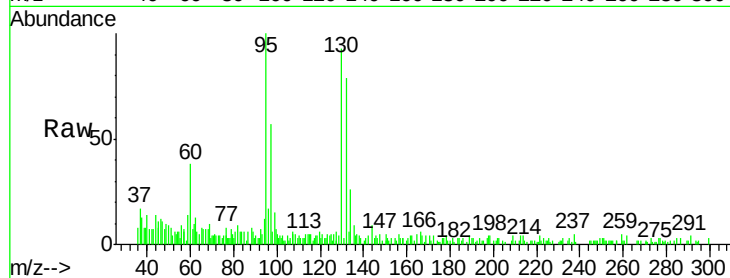
95 106.1 0.0 200.4

Manual Integrations

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Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.21

4000

3000

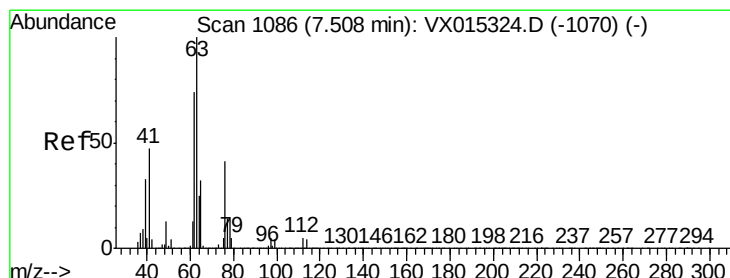
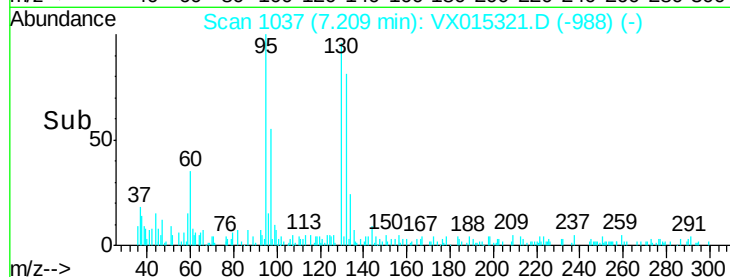
2000

1000

0

7.10 7.15 7.20 7.25 7.30

Time-->



#45

1,2-Dichloropropane

Concen: 0.913 ug/l

RT: 7.51 min Scan# 1087

Delta R.T. 0.01 min

Lab File: VX015321.D

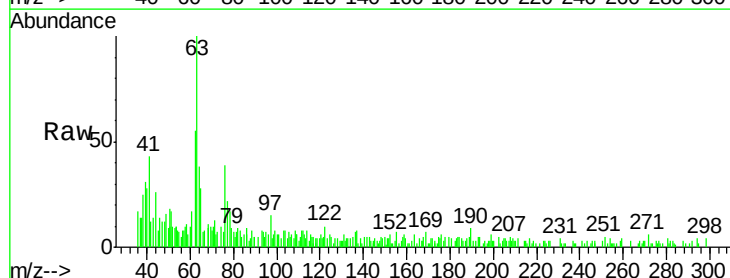
Acq: 18 Mar 2020 12:22

Tgt Ion: 63 Resp: 7040

Ion Ratio Lower Upper

63 100

65 20.9 25.1 37.7#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.51

4000

3000

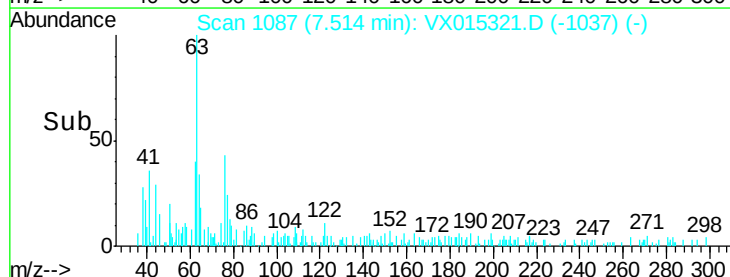
2000

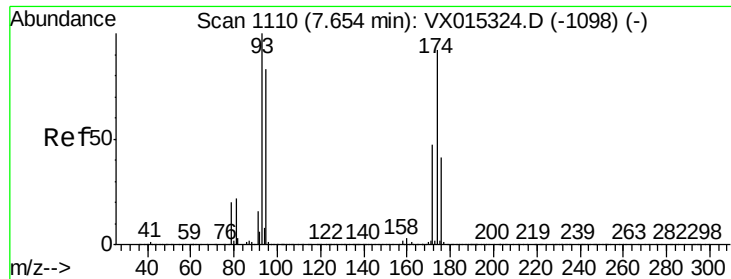
1000

0

7.45 7.50 7.55

Time-->





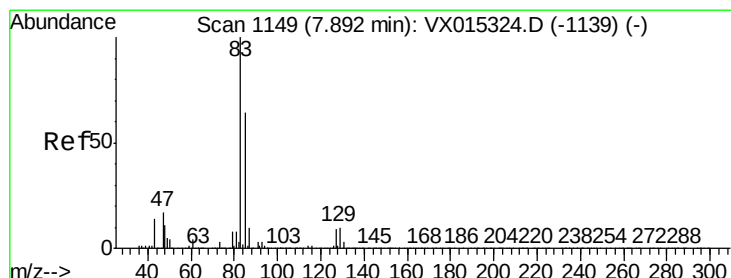
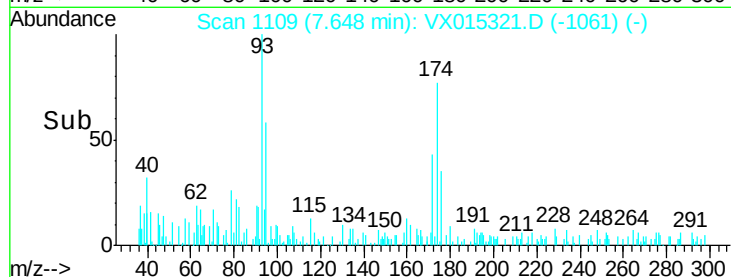
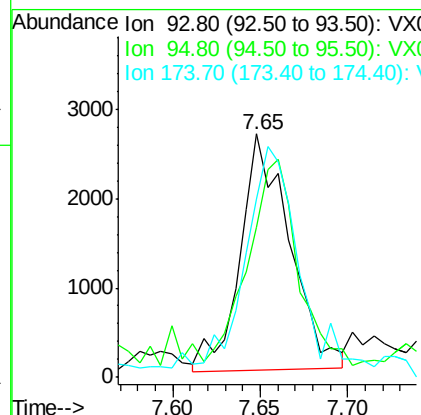
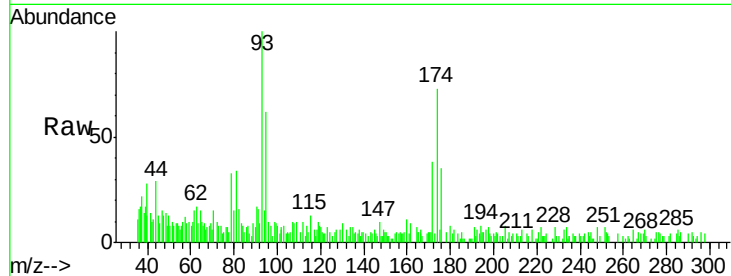
#46
Dibromomethane
Concen: 1.023 ug/l
RT: 7.65 min Scan# 1109
Delta R.T. -0.01 min
Lab File: VX015321.D
Acq: 18 Mar 2020 12:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
93	100		
95	92.3	66.3	99.5
174	104.8	74.2	111.2

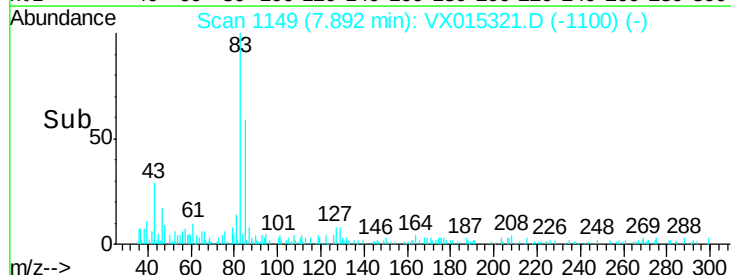
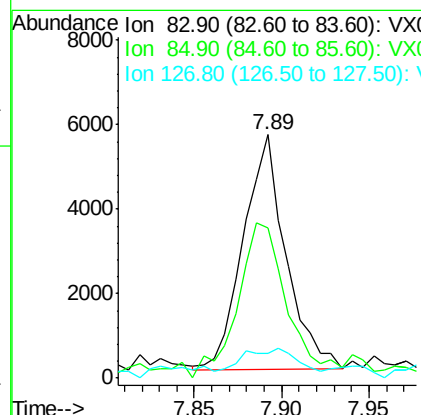
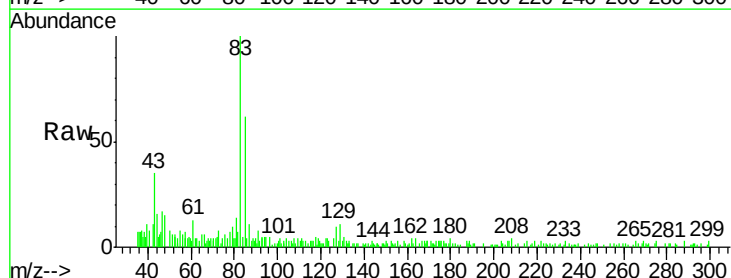
Manual Integrations
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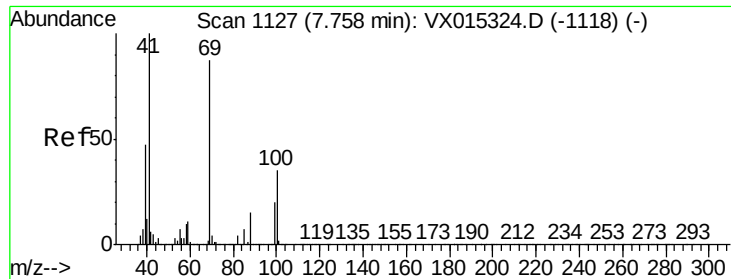
MMDadoda
3/19/2020 12:00:48 PM



#47
Bromodichloromethane
Concen: 0.945 ug/l
RT: 7.89 min Scan# 1149
Delta R.T. -0.00 min
Lab File: VX015321.D
Acq: 18 Mar 2020 12:22

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.1	51.0	76.6
127	7.2	7.2	10.8#





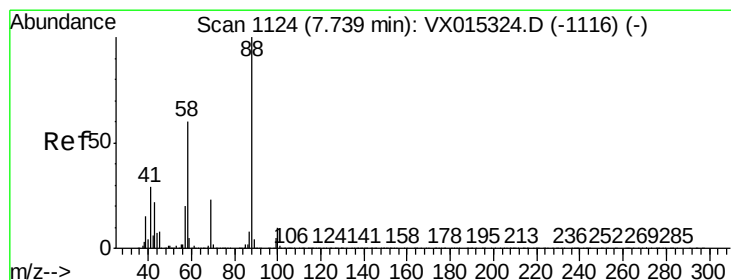
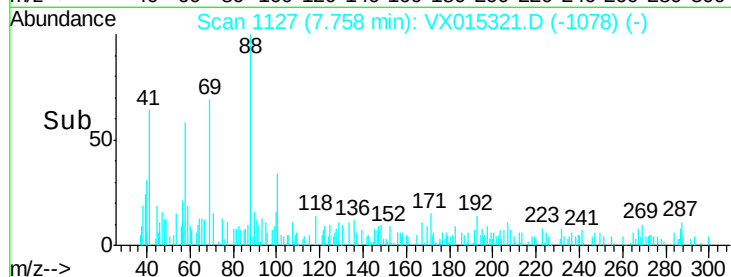
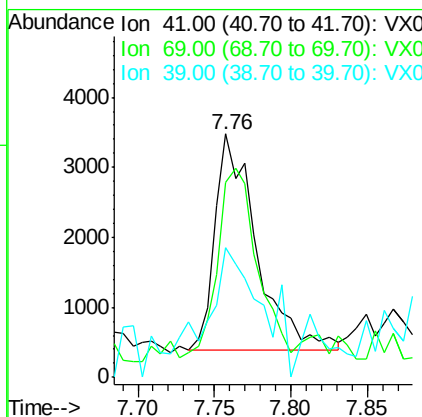
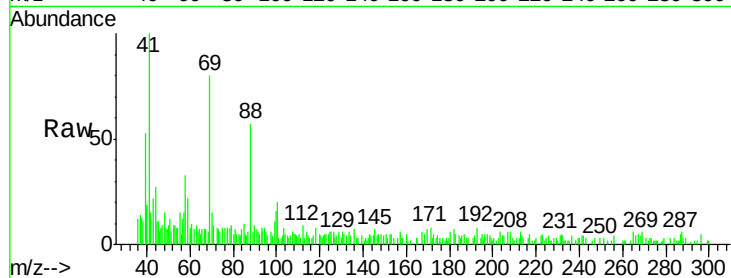
#48
Methvl methacrylate
Concen: 0.719 ug/l
RT: 7.76 min Scan# 1127
Delta R.T. -0.00 min
Lab File: VX015321.D
Acq: 18 Mar 2020 12:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Resp	Lower	Upper
41	100	5886		
69	95.8	74.4	111.6	
39	86.6	39.2	58.8#	

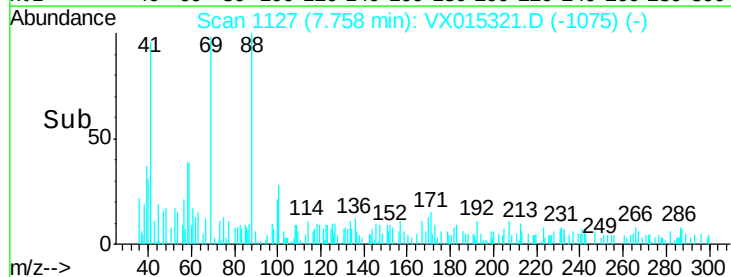
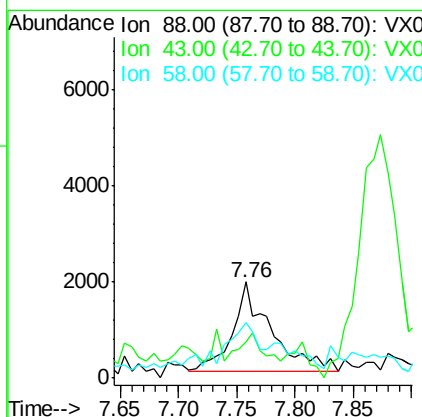
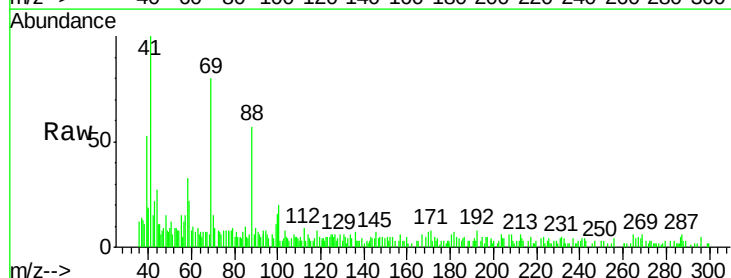
Manual Integrations
APPROVED

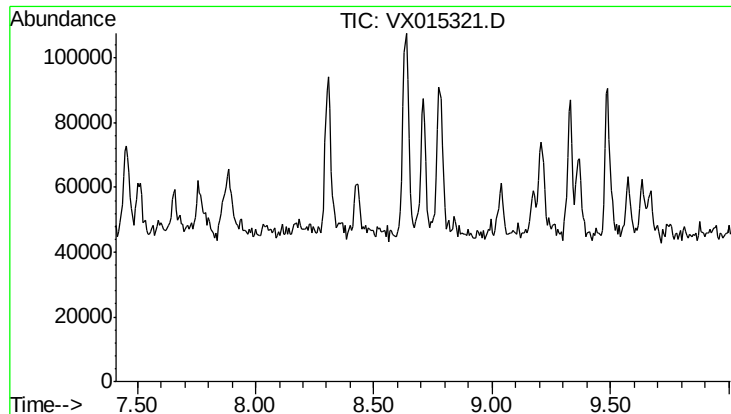
MMDadoda
3/19/2020 12:00:48 PM



#49
1,4-Dioxane
Concen: 23.213 ug/l
RT: 7.76 min Scan# 1127
Delta R.T. 0.02 min
Lab File: VX015321.D
Acq: 18 Mar 2020 12:22

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	4254		
43	30.7	20.7	31.1	
58	37.6	53.9	80.9#	





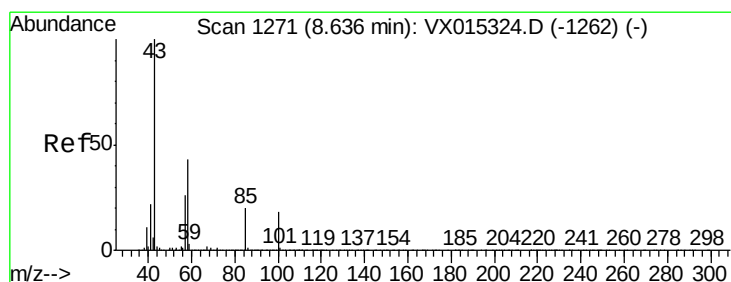
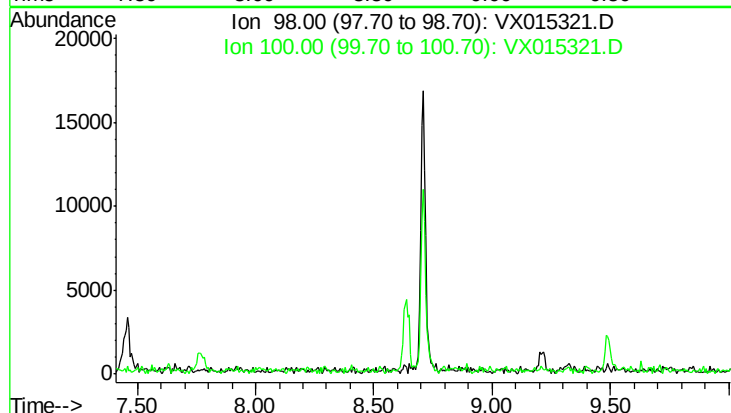
#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 8.71 min
Lab File: VX015321.D
Acq: 18 Mar 2020 12:22

Tot Ion	98
Sig	Exp Ratio
98	100
100	66.3

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

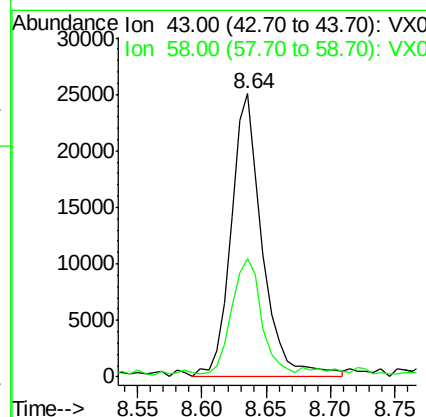
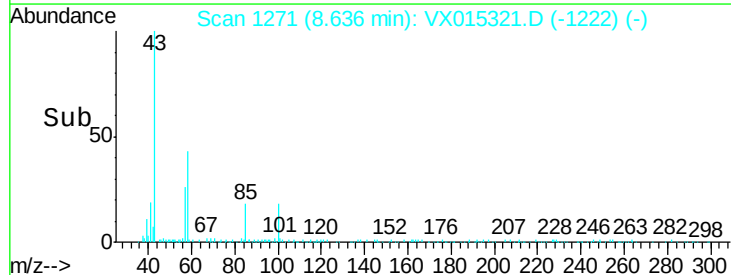
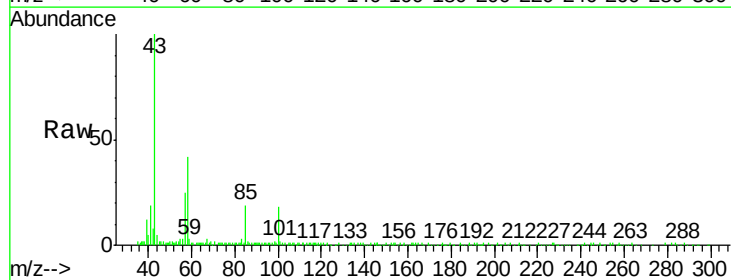
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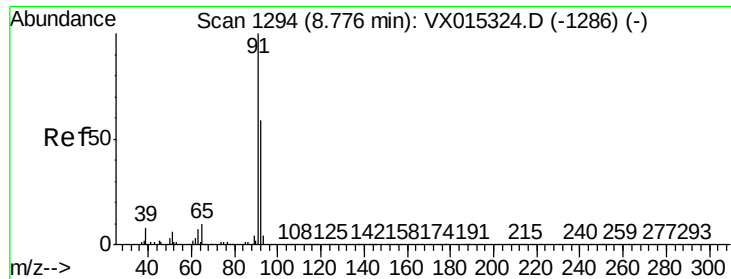
MMDadoda
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#51
4-Methyl-2-Pentanone
Concen: 4.454 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VX015321.D
Acq: 18 Mar 2020 12:22

Tgt Ion	43	Resp:	42527
Ion	Ratio	Lower	Upper
43	100		
58	39.1	34.6	51.8





#52

Toluene

Concen: 1.043 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX015321.D

Acq: 18 Mar 2020 12:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 92 Resp: 19204

Ion Ratio Lower Upper

92 100

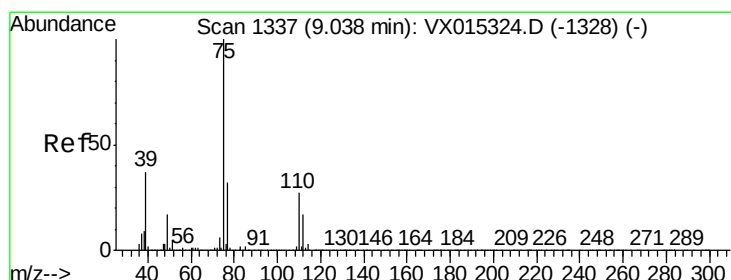
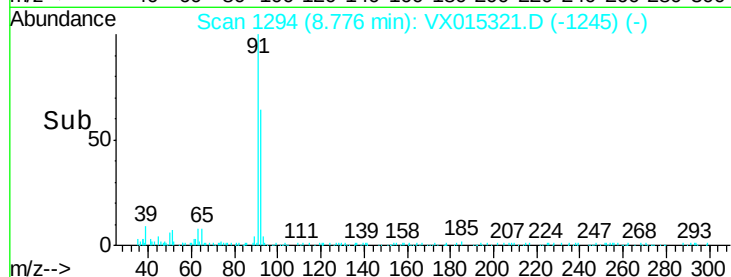
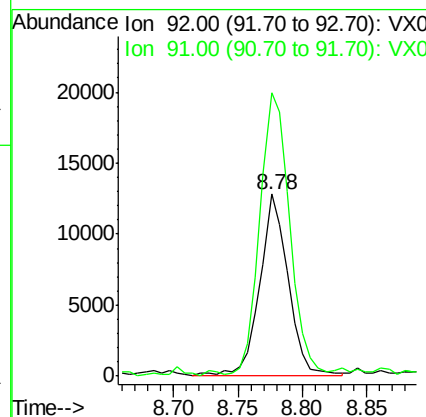
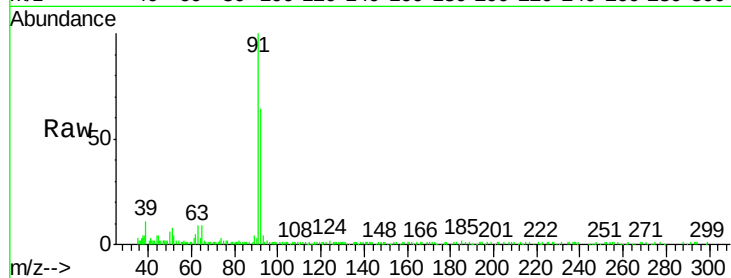
91 163.9 136.4 204.6

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#53

t-1,3-Dichloropropene

Concen: 0.795 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. -0.00 min

Lab File: VX015321.D

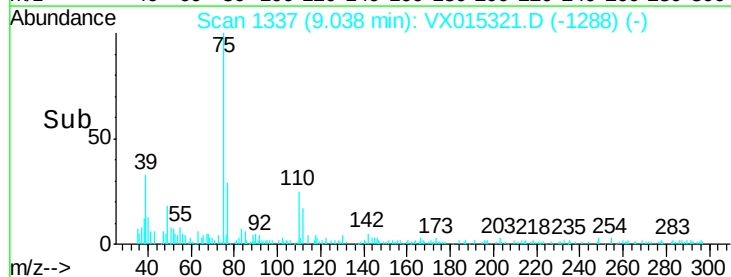
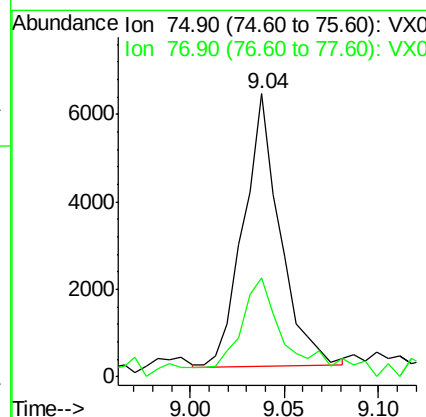
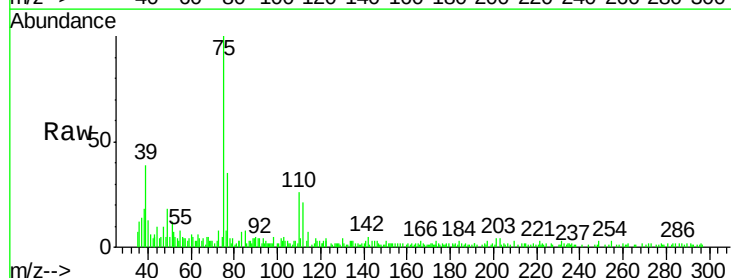
Acq: 18 Mar 2020 12:22

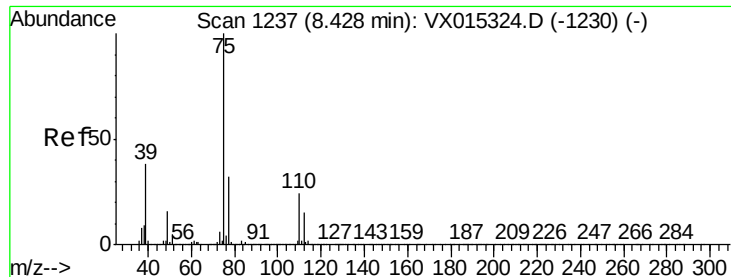
Tgt Ion: 75 Resp: 8388

Ion Ratio Lower Upper

75 100

77 33.0 25.8 38.8





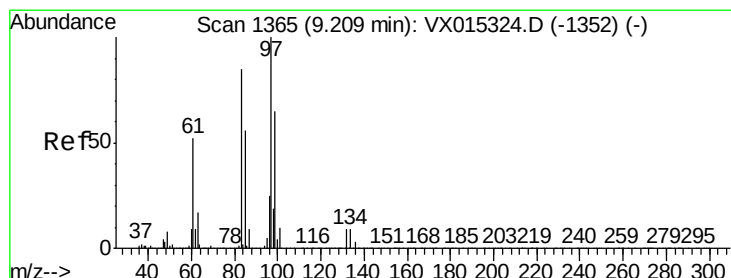
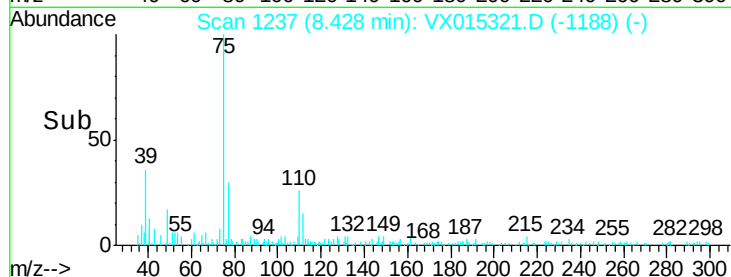
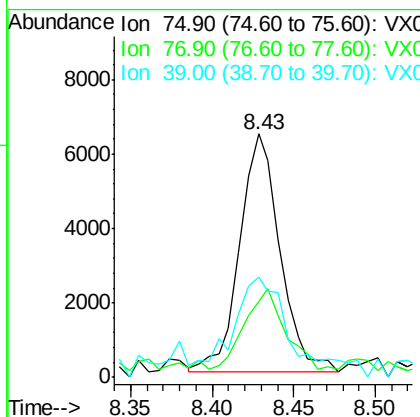
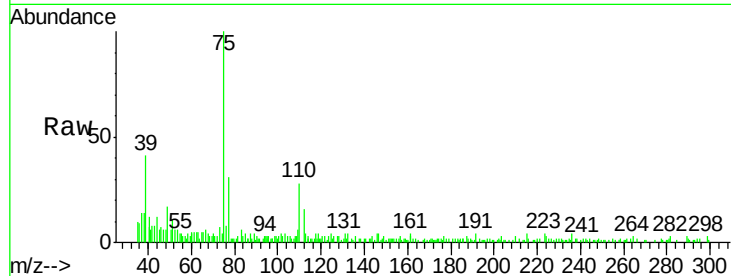
#54
 cis-1,3-Dichloropropene
 Concen: 0.920 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VX015321.D
 Acq: 18 Mar 2020 12:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
75	100		
77	28.4	25.7	38.5
39	36.8	30.2	45.2

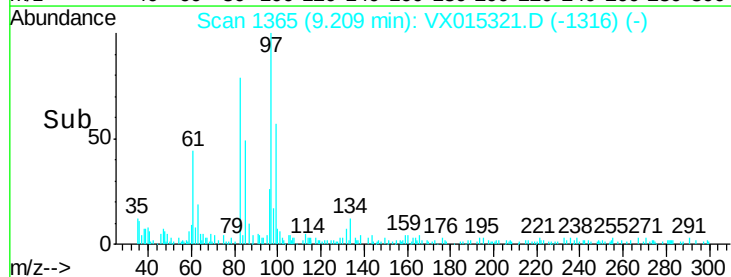
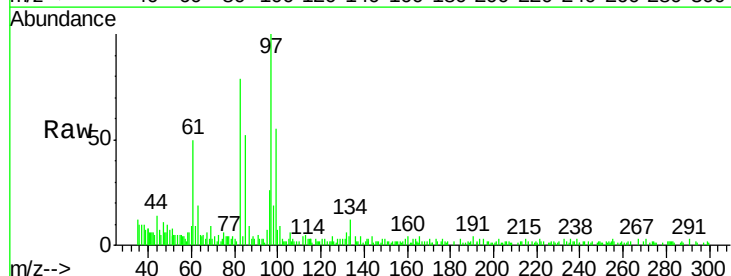
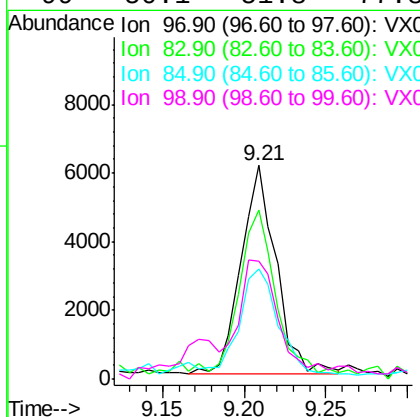
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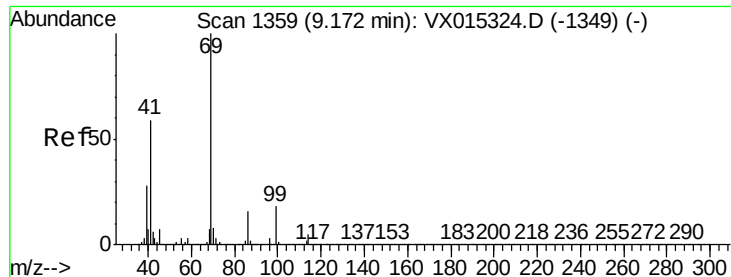
MMDadoda
 3/19/2020 12:00:48 PM



#55
 1,1,2-Trichloroethane
 Concen: 1.209 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX015321.D
 Acq: 18 Mar 2020 12:22

Tgt Ion	Ratio	Lower	Upper
97	100		
83	78.0	67.7	101.5
85	50.7	44.5	66.7
99	50.1	51.8	77.8#





#56

Ethyl methacrylate

Concen: 0.781 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. -0.00 min

Lab File: VX015321.D

Acq: 18 Mar 2020 12:22

Instrument :

MSVOA_X

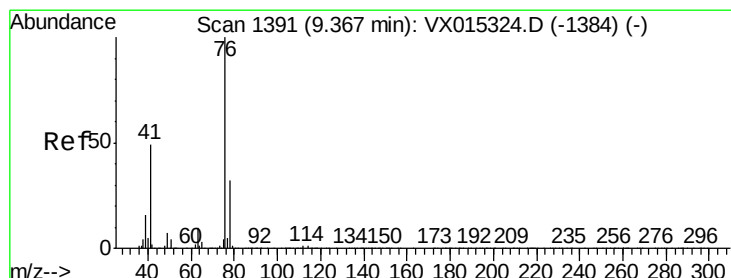
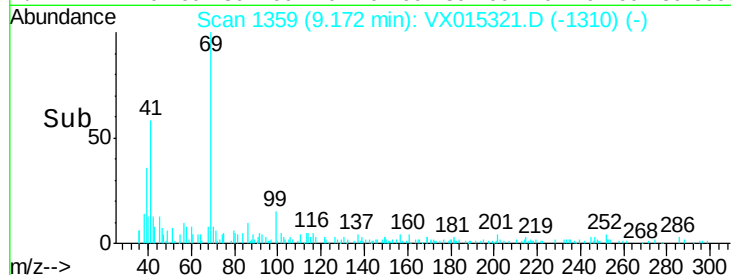
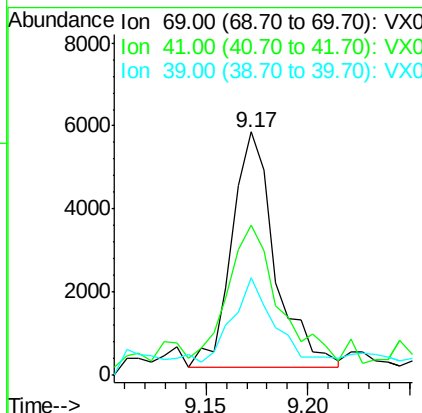
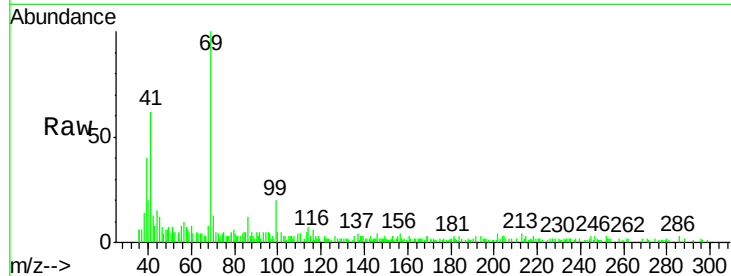
ClientSampleId :

VSTDIC001

Tot Ion:	69	Resp:	8357
Ion	Ratio	Lower	Upper
69	100		
41	65.3	47.5	71.3
39	42.9	23.0	34.4#

Manual Integrations
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#57

1,3-Dichloropropane

Concen: 1.166 ug/l m

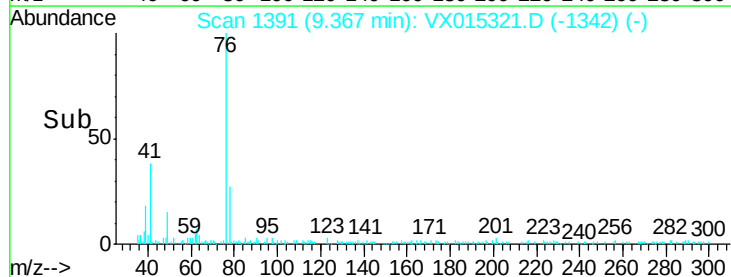
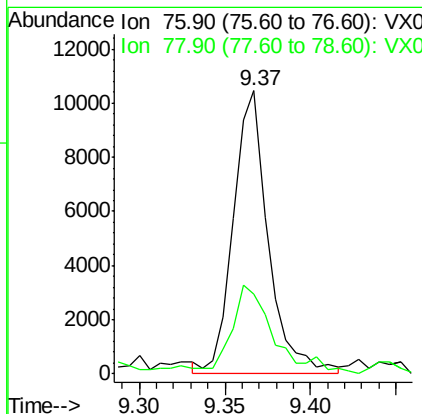
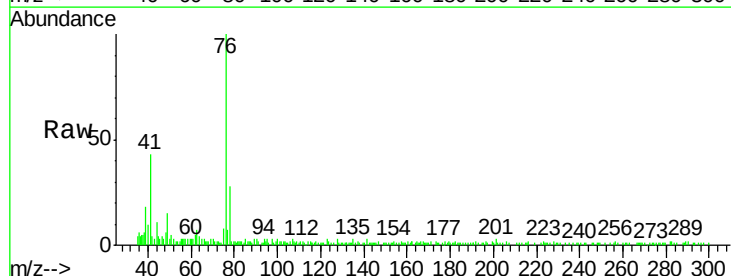
RT: 9.37 min Scan# 1391

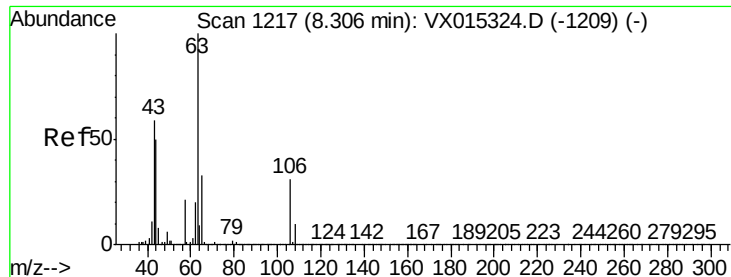
Delta R.T. -0.00 min

Lab File: VX015321.D

Acq: 18 Mar 2020 12:22

Tgt Ion:	76	Resp:	14827
Ion	Ratio	Lower	Upper
76	100		
78	2.1	25.5	38.3#





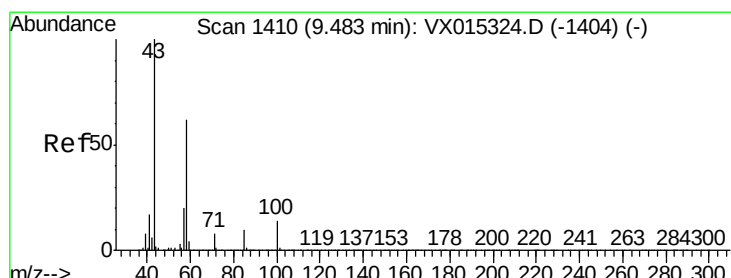
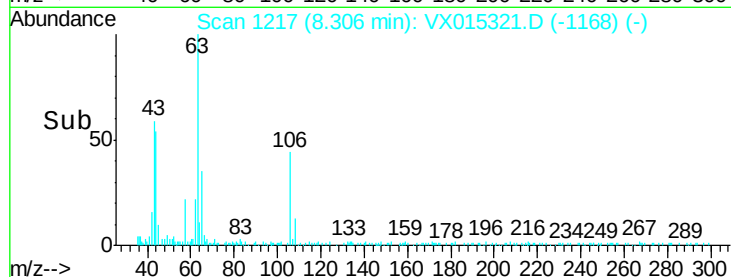
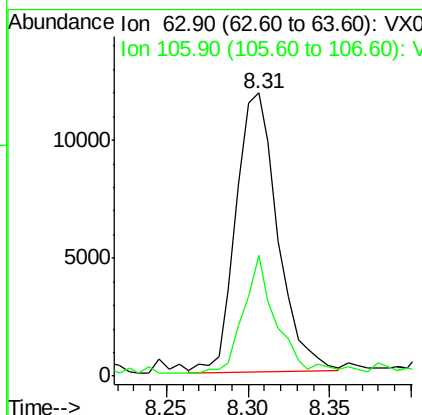
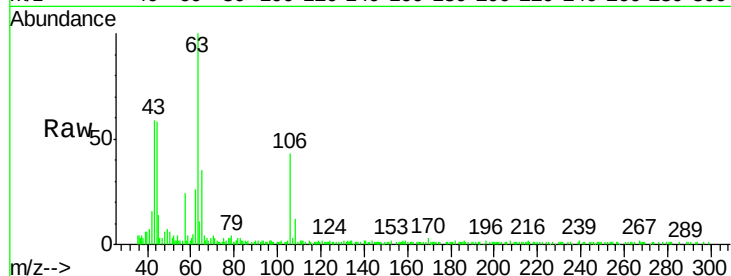
#58
2-Chloroethyl Vinyl ether
Concen: 3.612 ug/l
RT: 8.31 min Scan# 1217
Delta R.T. -0.00 min
Lab File: VX015321.D
Acq: 18 Mar 2020 12:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
63	100		
106	34.3	24.3	36.5

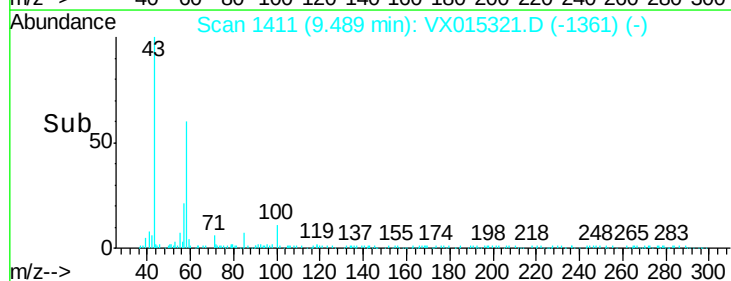
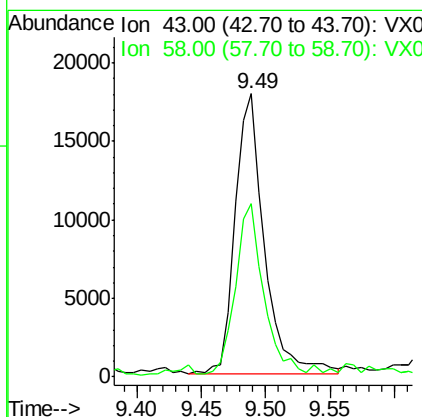
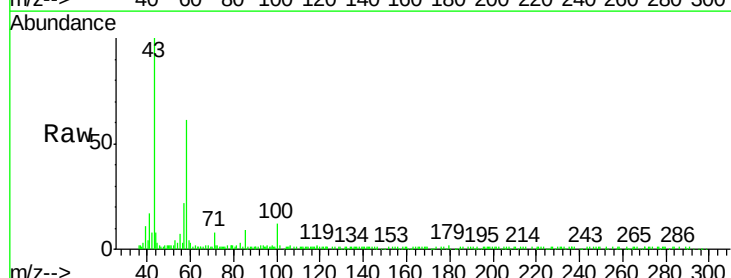
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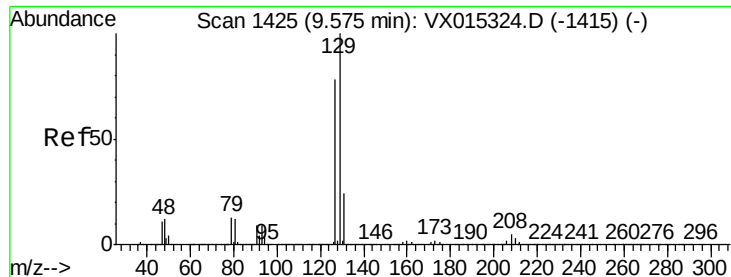
MMDadoda
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#59
2-Hexanone
Concen: 3.965 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.01 min
Lab File: VX015321.D
Acq: 18 Mar 2020 12:22

Tgt Ion	Ratio	Lower	Upper
43	100		
58	58.4	30.3	90.8





#60

Dibromochloromethane

Concen: 0.906 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. -0.00 min

Lab File: VX015321.D

Acq: 18 Mar 2020 12:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:129 Resp: 7179

Ion Ratio Lower Upper

129 100

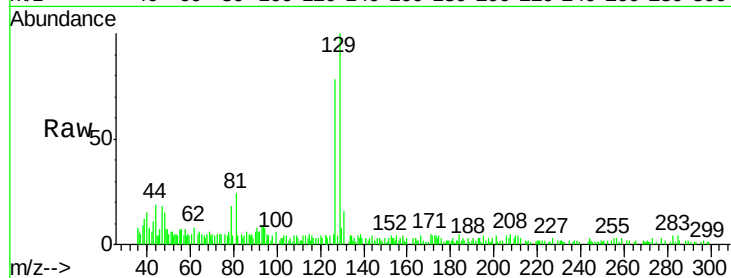
127 89.5 39.3 117.9

Manual Integrations

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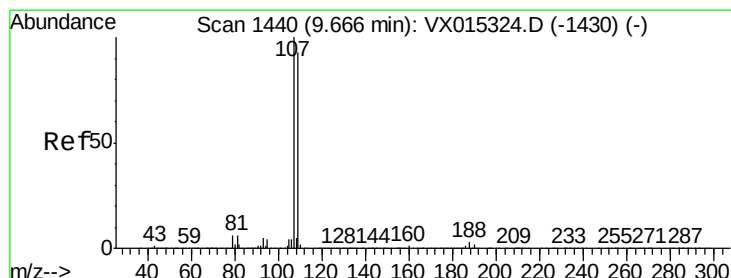
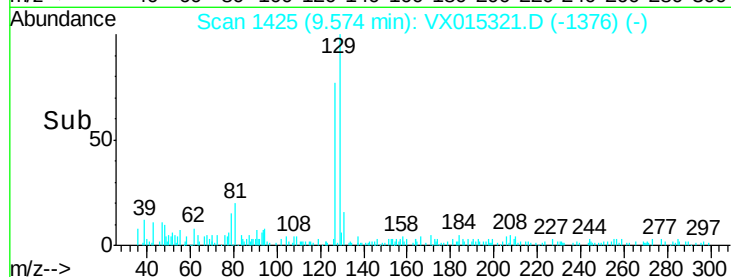
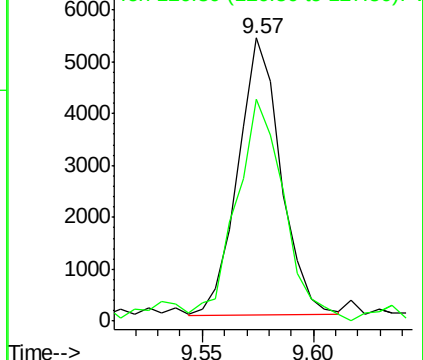
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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 1.055 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX015321.D

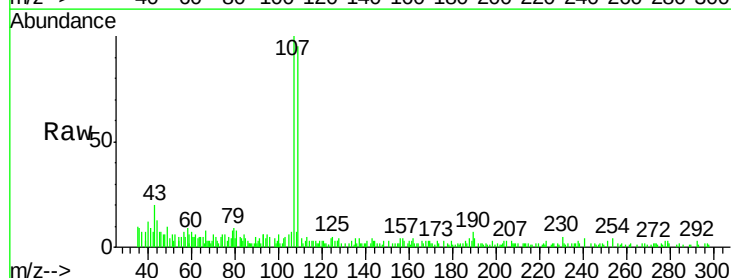
Acq: 18 Mar 2020 12:22

Tgt Ion:107 Resp: 8459

Ion Ratio Lower Upper

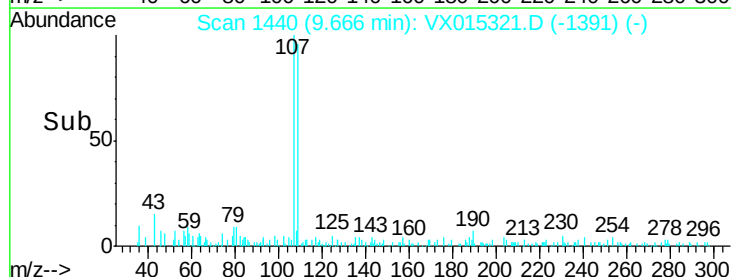
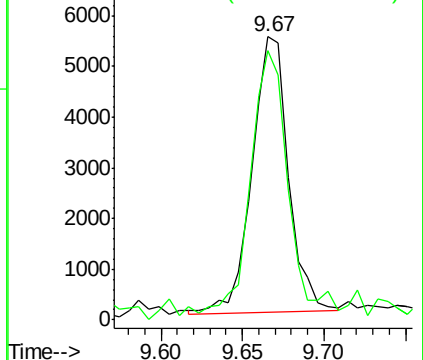
107 100

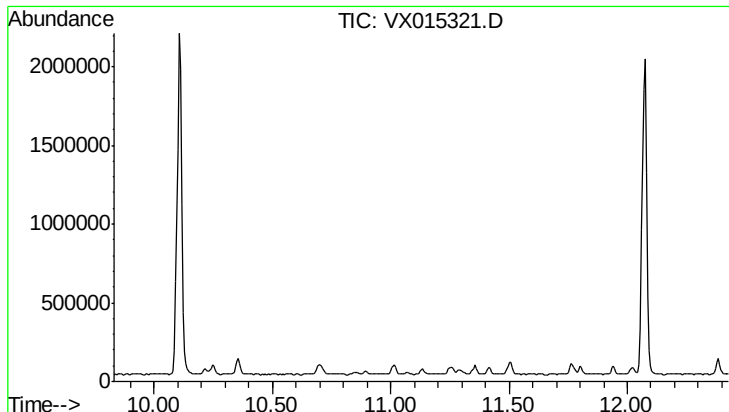
109 102.4 75.1 112.7



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: VX015321.D

Acq: 18 Mar 2020 12:22

Tot Ion	95
Sig	Exp Ratio
95	100
174	72.8
176	70.8

Instrument :

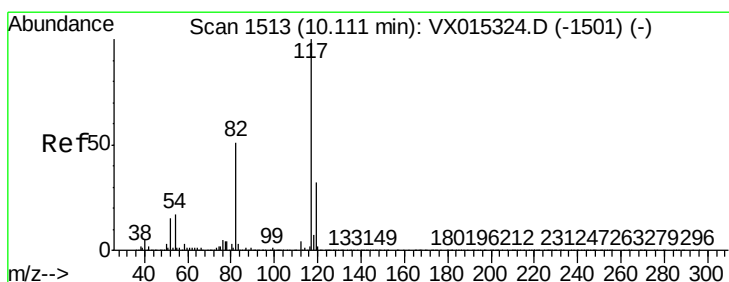
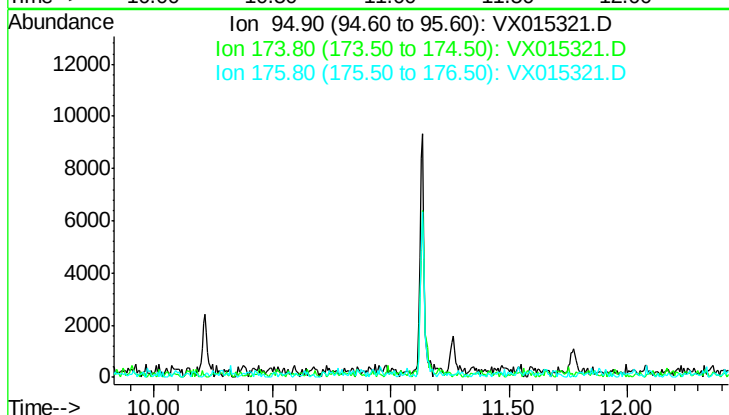
MSVOA_X

ClientSampleId :

VSTDIC001

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

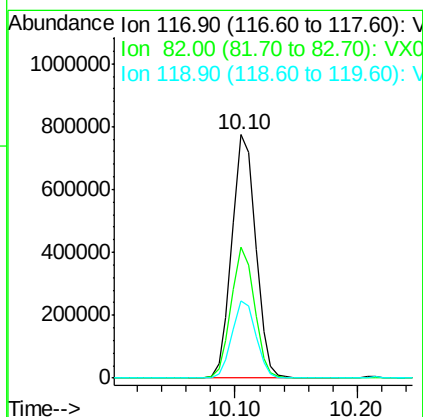
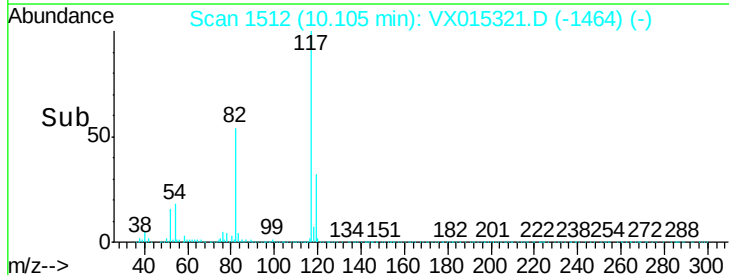
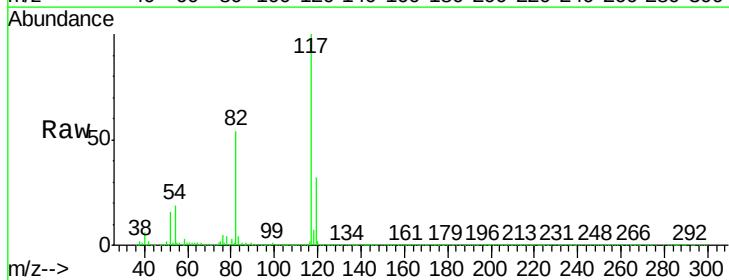
RT: 10.10 min Scan# 1512

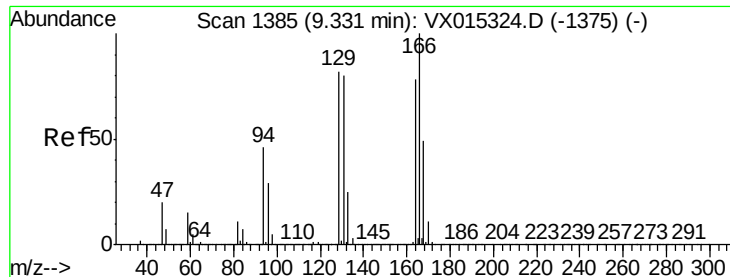
Delta R.T. -0.01 min

Lab File: VX015321.D

Acq: 18 Mar 2020 12:22

Tgt Ion	117	Resp	1041922
Ion Ratio	Lower	Upper	
117	100		
82	53.7	40.6	60.8
119	31.9	25.4	38.2





#64

Tetrachloroethene

Concen: 1.042 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VX015321.D

Acq: 18 Mar 2020 12:22

Instrument :

MSVOA_X

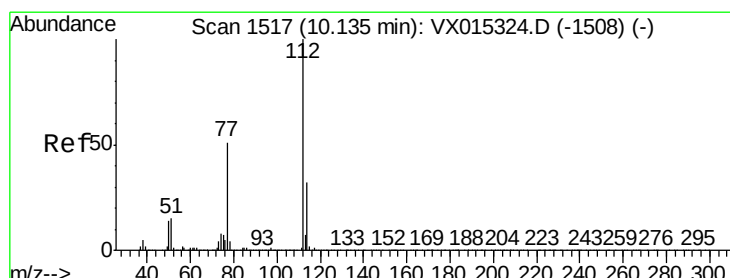
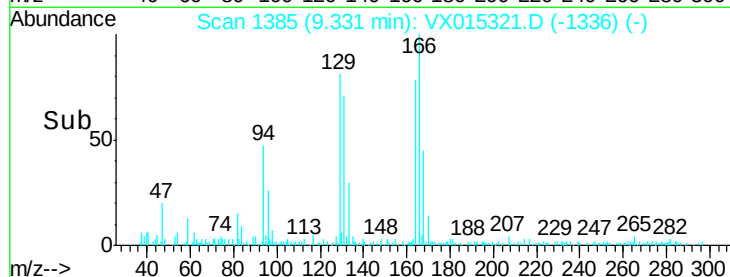
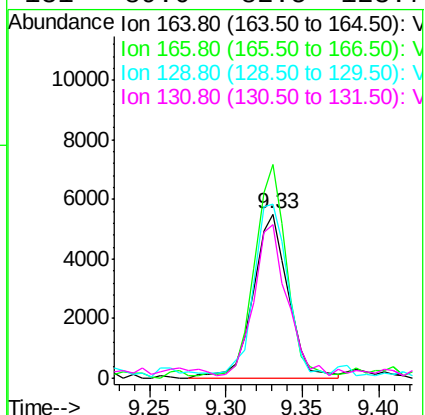
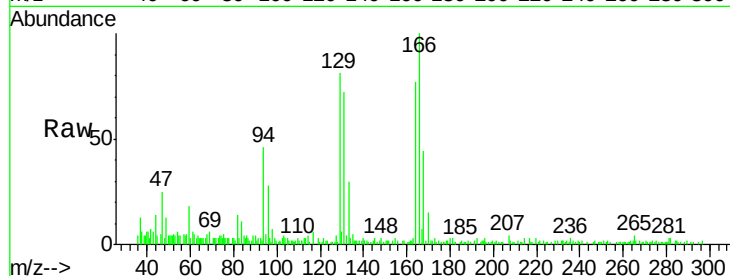
ClientSampleId :

VSTDIC001

Tot Ion	Ratio	Lower	Upper
164	100		
166	128.3	102.6	153.8
129	102.1	84.5	126.7
131	89.0	82.5	123.7

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#65

Chlorobenzene

Concen: 1.092 ug/l

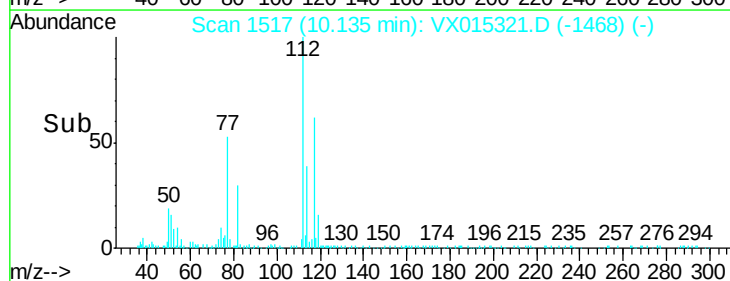
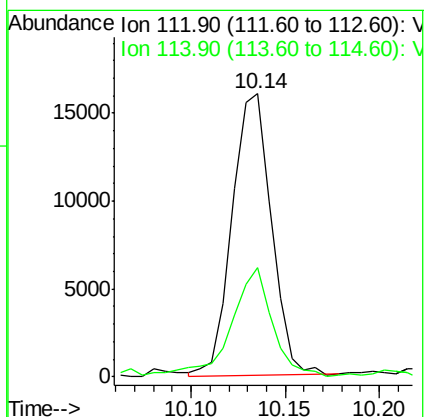
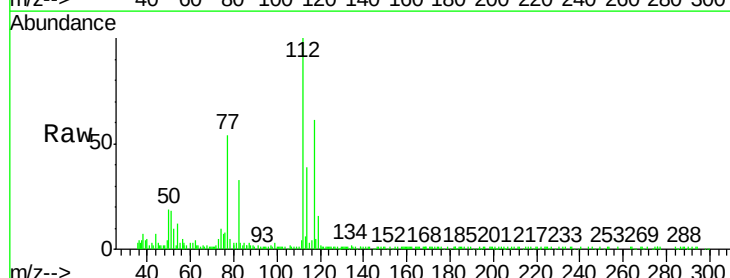
RT: 10.14 min Scan# 1517

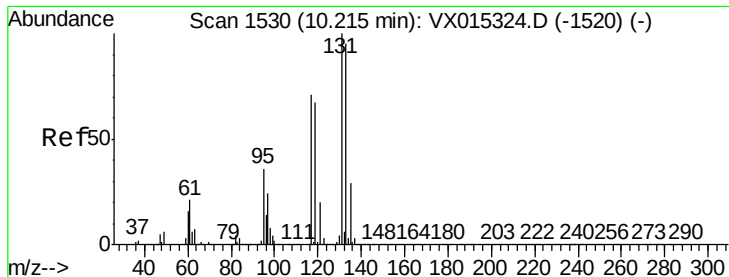
Delta R.T. -0.00 min

Lab File: VX015321.D

Acq: 18 Mar 2020 12:22

Tgt Ion	Ratio	Lower	Upper
112	100		
114	38.5	25.6	38.4#





#66

1,1,1,2-Tetrachloroethane

Concen: 1.117 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX015321.D

Acq: 18 Mar 2020 12:22

Instrument :

MSVOA_X

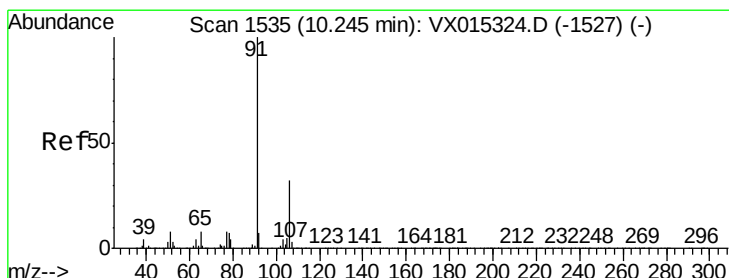
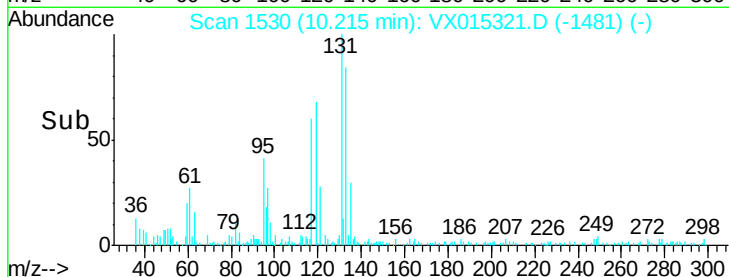
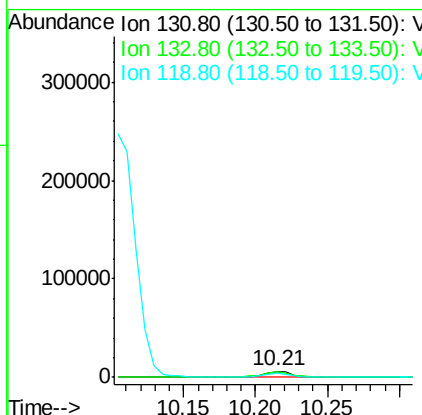
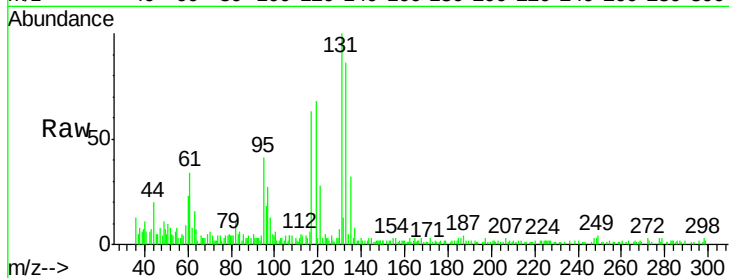
ClientSampleId :

VSTDIC001

Tot Ion	Ratio	Lower	Upper
131	100		
133	97.7	48.1	144.4
119	0.0	33.8	101.3#

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#67

Ethyl Benzene

Concen: 1.002 ug/l

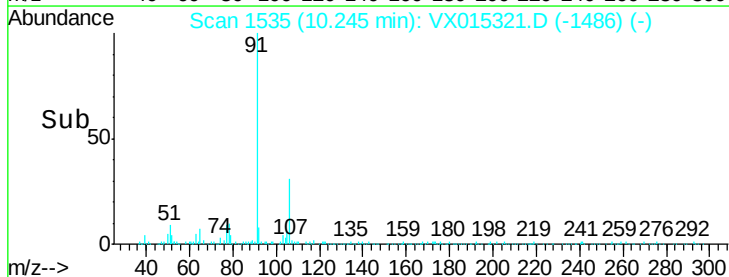
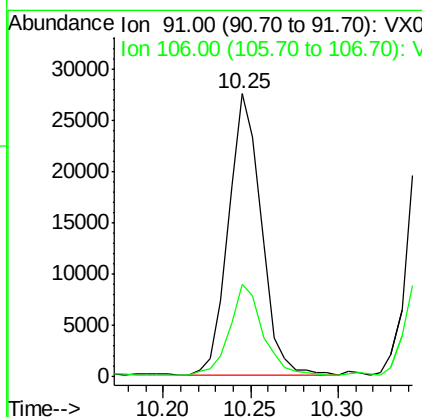
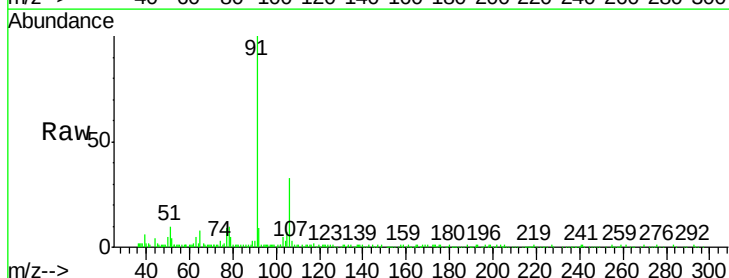
RT: 10.25 min Scan# 1535

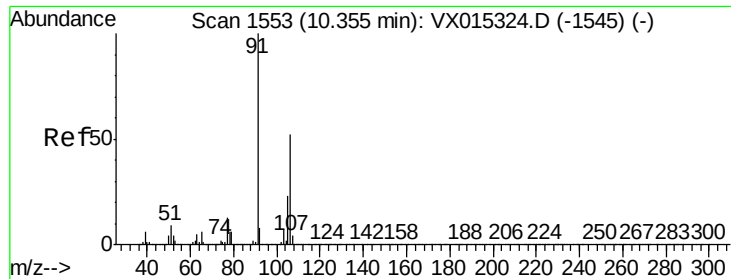
Delta R.T. -0.00 min

Lab File: VX015321.D

Acq: 18 Mar 2020 12:22

Tgt Ion	Ratio	Lower	Upper
91	100		
106	32.7	25.8	38.6





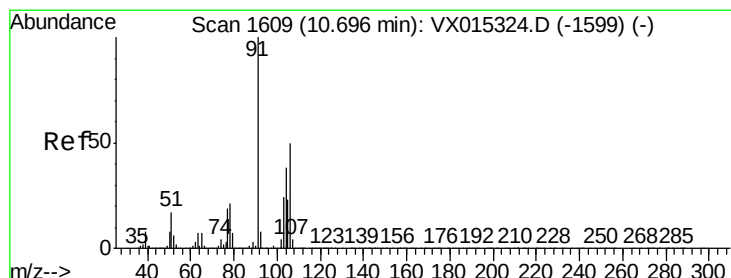
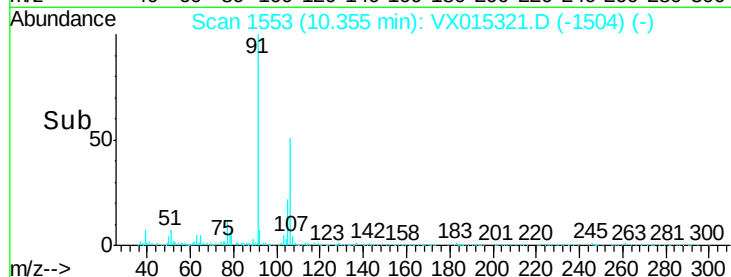
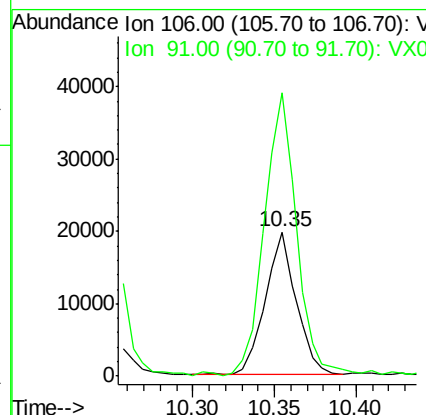
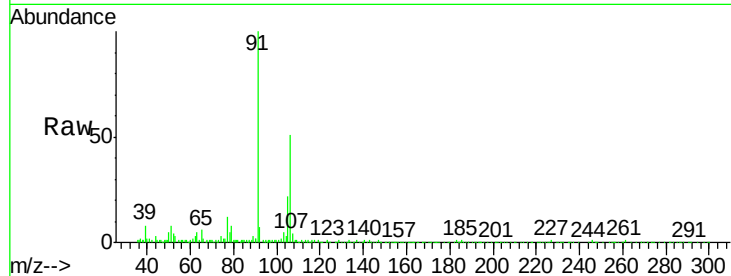
#68
m/p-Xylenes
Concen: 1.897 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX015321.D
Acq: 18 Mar 2020 12:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
106	100		
91	204.3	155.1	232.7

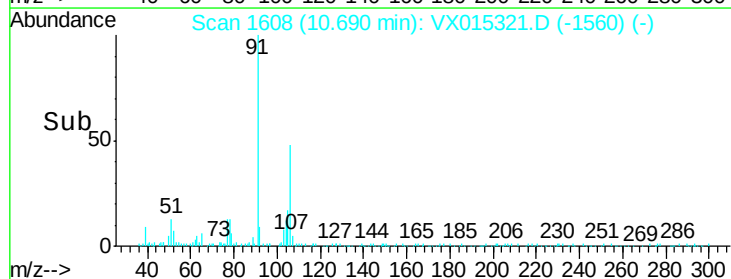
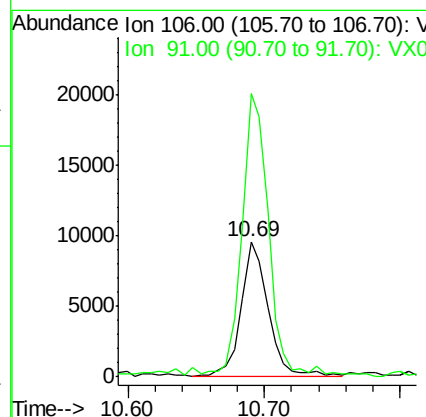
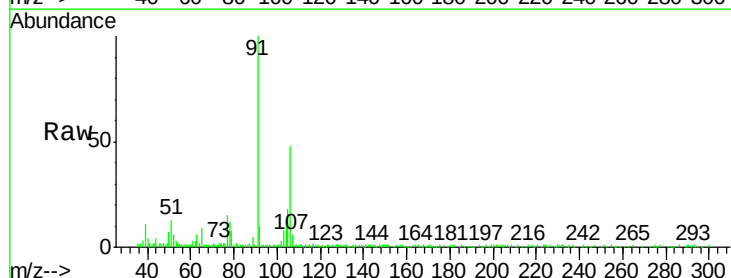
Manual Integrations
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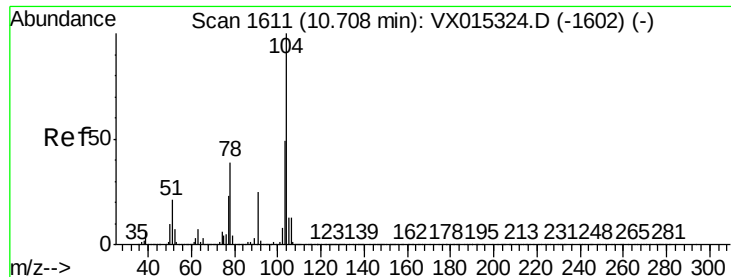
MMDadoda
3/19/2020 12:00:48 PM



#69
o-Xylene
Concen: 1.034 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX015321.D
Acq: 18 Mar 2020 12:22

Tgt Ion	Ratio	Lower	Upper
106	100		
91	205.4	102.3	306.9





#70

Stvrene

Concen: 0.860 ug/l

RT: 10.71 min Scan# 1611

Delta R.T. -0.00 min

Lab File: VX015321.D

Acq: 18 Mar 2020 12:22

Instrument :

MSVOA_X

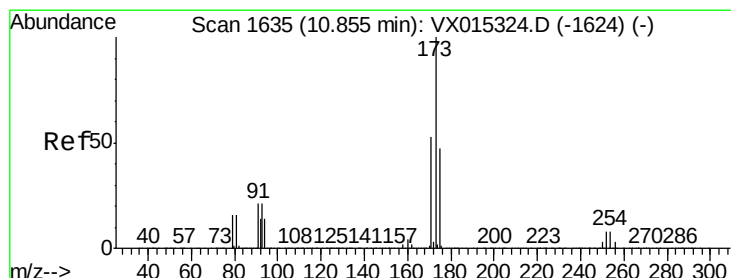
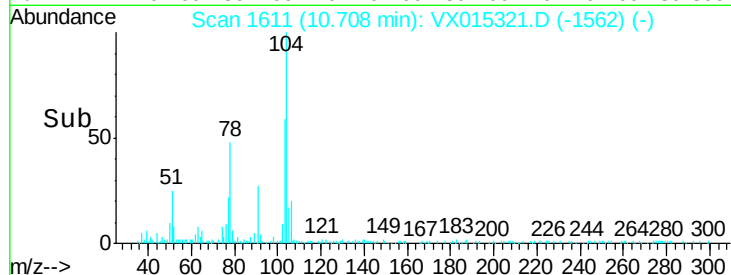
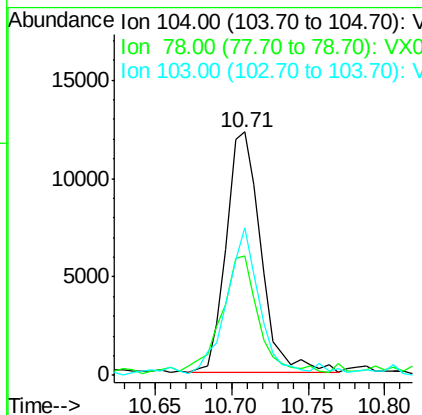
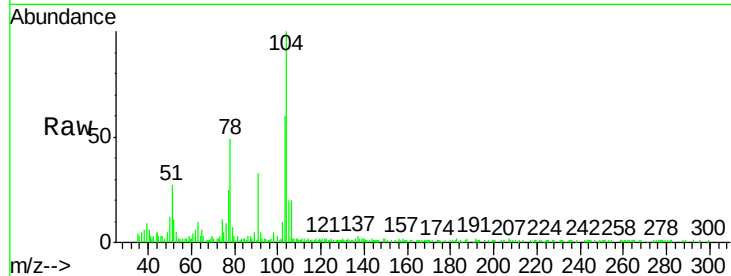
ClientSampleId :

VSTDIC001

Tot Ion:	104	Resp:	19279
Ion Ratio	Lower	Upper	
104	100		
78	53.1	36.0	54.0
103	55.3	43.4	65.0

Manual Integrations
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#71

Bromoform

Concen: 0.823 ug/l

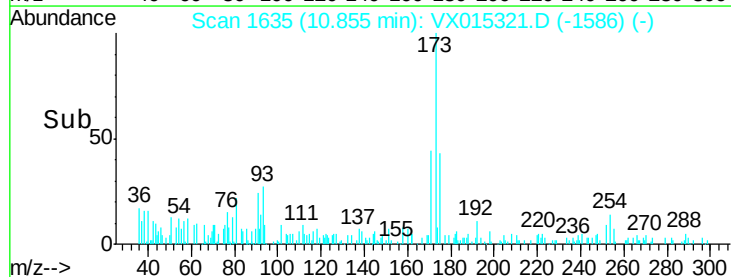
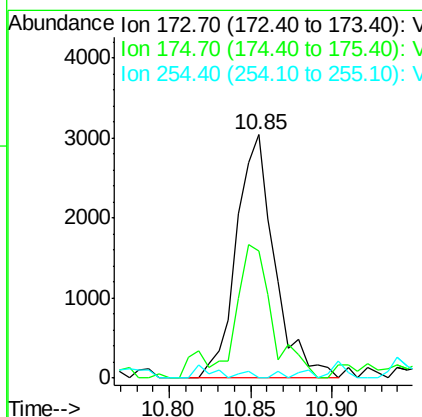
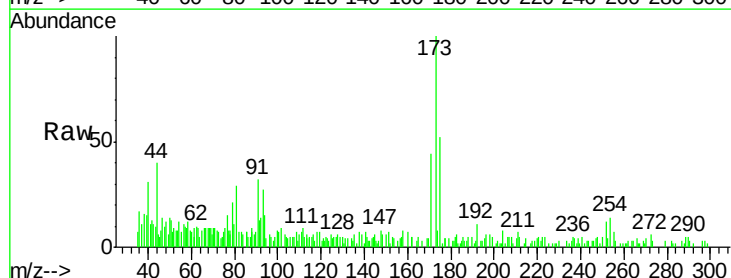
RT: 10.85 min Scan# 1635

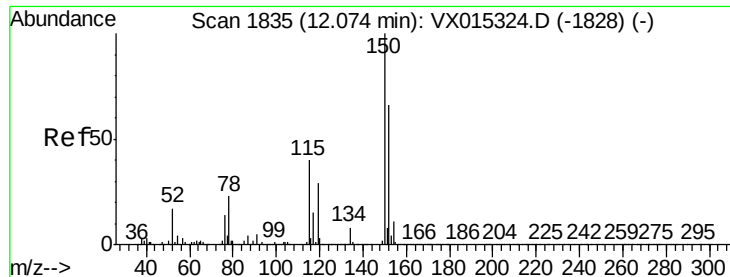
Delta R.T. -0.00 min

Lab File: VX015321.D

Acq: 18 Mar 2020 12:22

Tgt Ion:	173	Resp:	4951
Ion Ratio	Lower	Upper	
173	100		
175	50.2	23.4	70.2
254	1.1	0.2	0.2#





#72

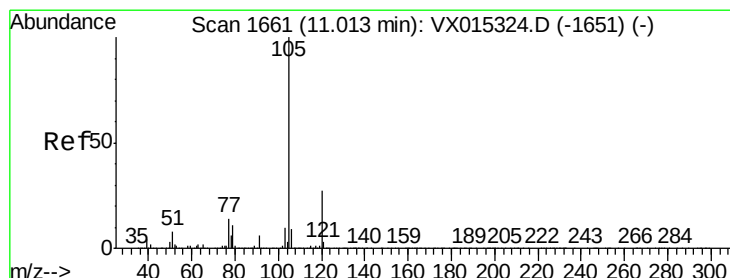
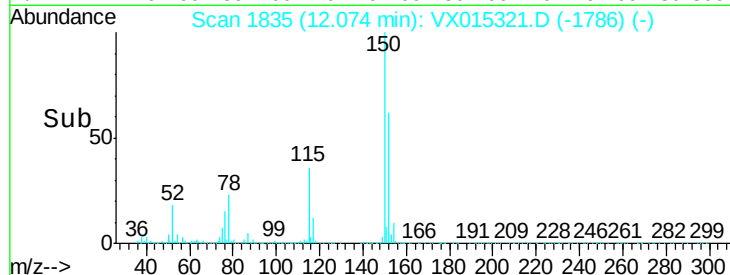
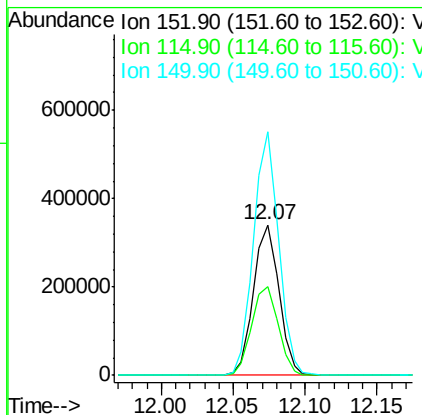
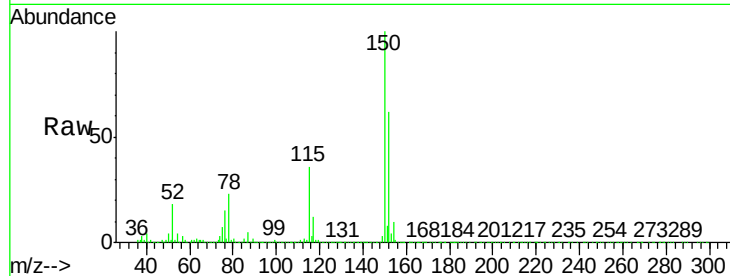
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX015321.D
Acq: 18 Mar 2020 12:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Resp	Lower	Upper
152	100	414004		
115	62.0	41.9	125.8	
150	159.1	0.0	347.6	

Manual Integrations
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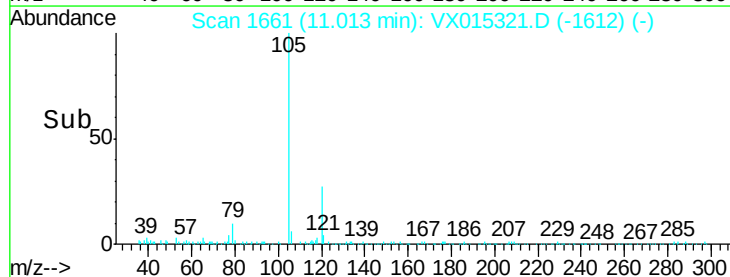
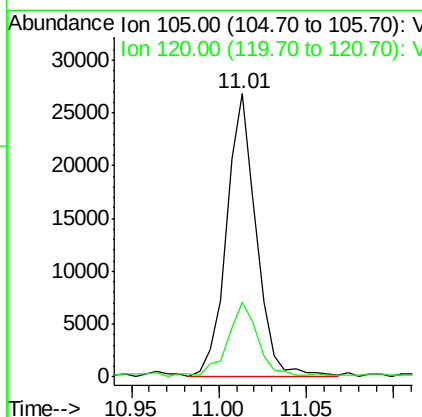
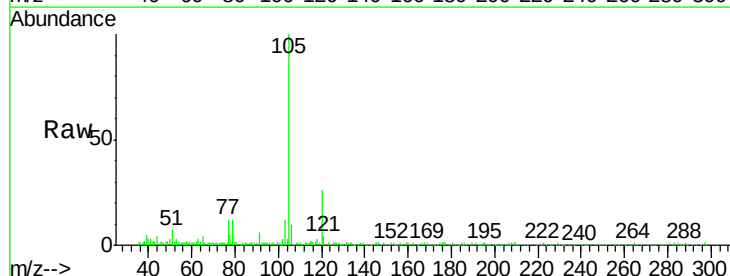
MMDadoda
3/19/2020 12:00:48 PM

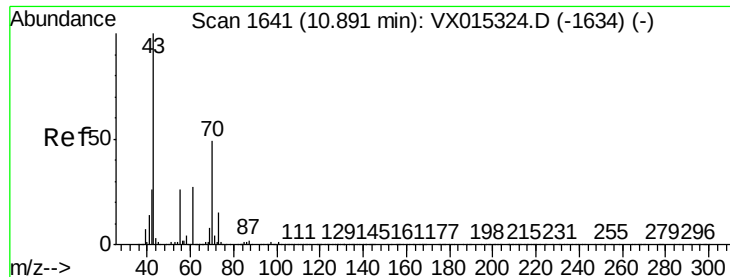


#73

Isopropylbenzene
Concen: 1.176 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX015321.D
Acq: 18 Mar 2020 12:22

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	31773		
120	27.7	13.9	41.6	





#74

N-amvl acetate

Concen: 0.849 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX015321.D

Acq: 18 Mar 2020 12:22

Instrument :

MSVOA_X

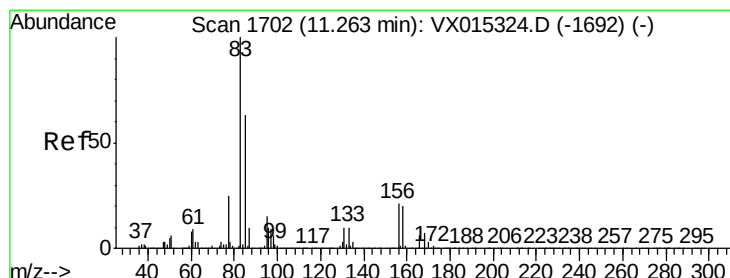
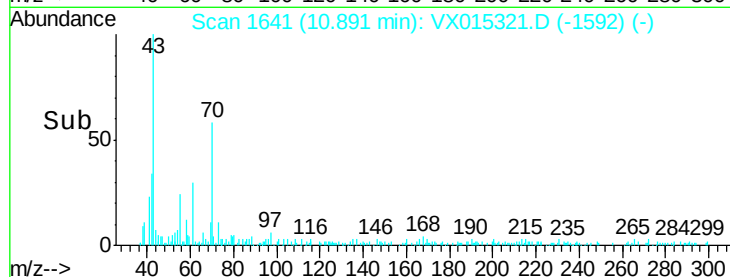
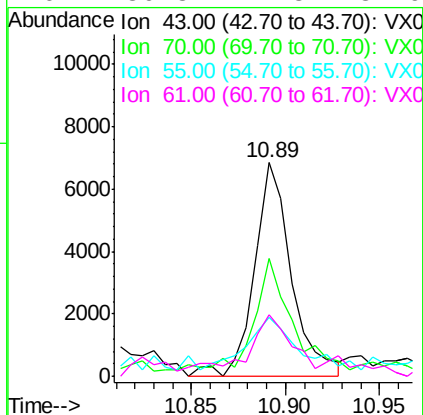
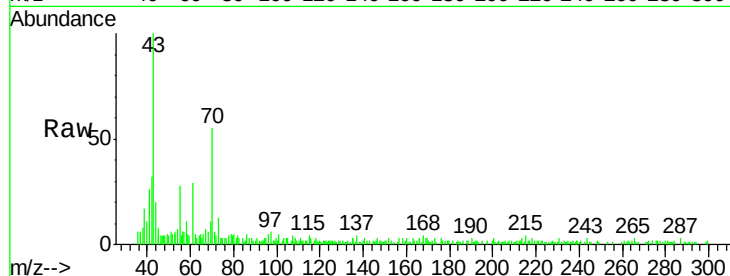
ClientSampleId :

VSTDIC001

Tot Ion	Ratio	Lower	Upper
43	100		
70	55.1	38.6	58.0
55	33.6	21.2	31.8#
61	30.8	21.3	31.9

Manual Integrations
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#75

1,1,2,2-Tetrachloroethane

Concen: 1.124 ug/l

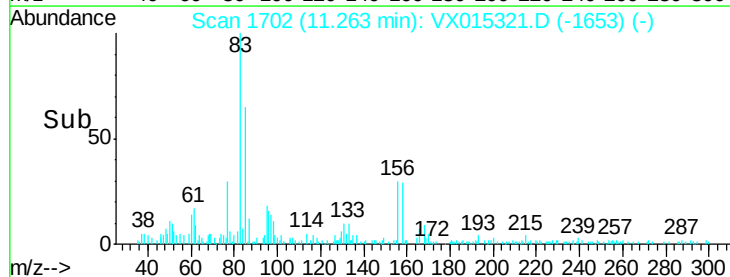
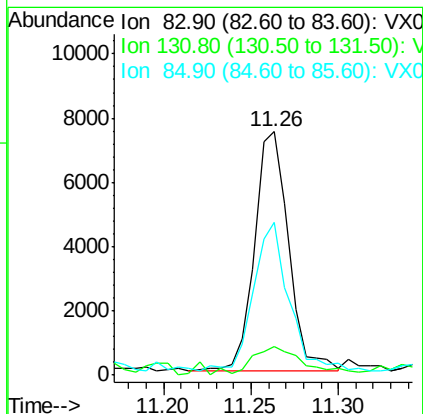
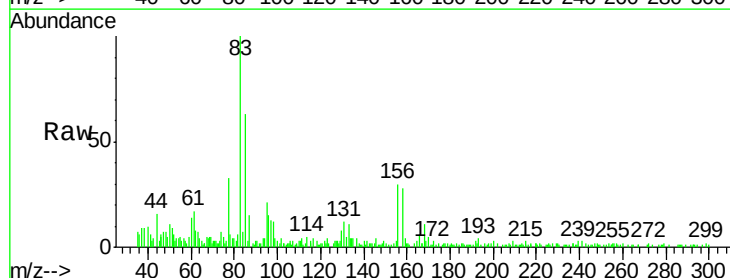
RT: 11.26 min Scan# 1702

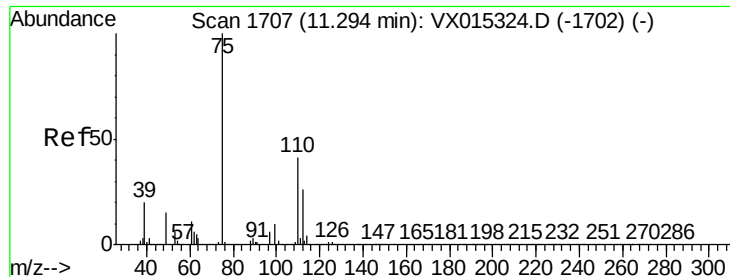
Delta R.T. -0.00 min

Lab File: VX015321.D

Acq: 18 Mar 2020 12:22

Tgt Ion	Ratio	Lower	Upper
83	100		
131	17.7	5.1	15.2#
85	68.7	32.0	96.0





#76

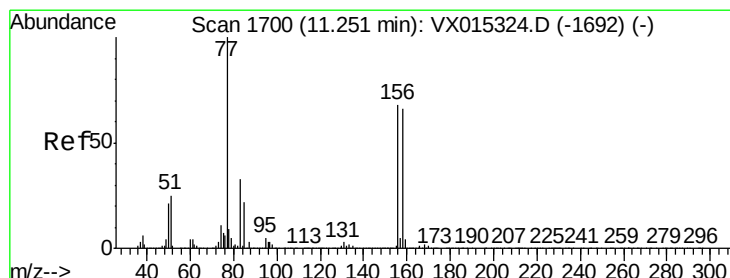
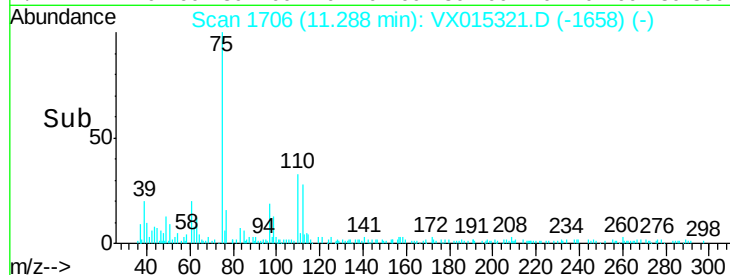
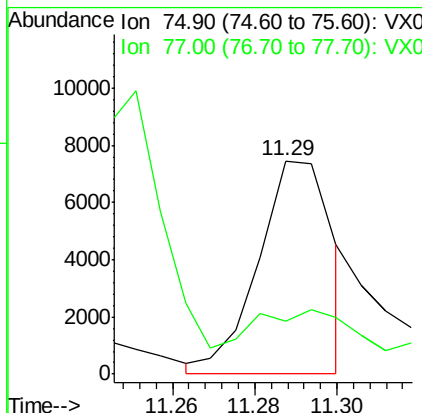
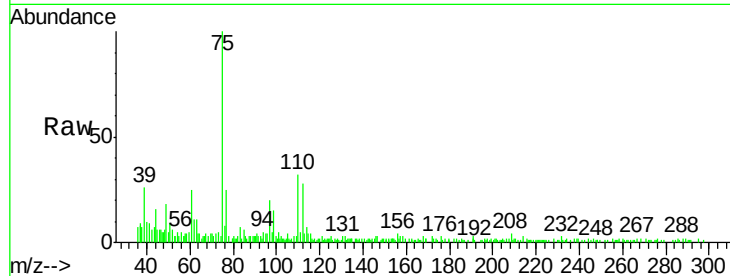
1,2,3-Trichloropropane
Concen: 1.150 ug/l m
RT: 11.29 min Scan# 1706
Delta R.T. -0.01 min
Lab File: VX015321.D
Acq: 18 Mar 2020 12:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
75	100		
77	46.6	21.2	63.6

Manual Integrations
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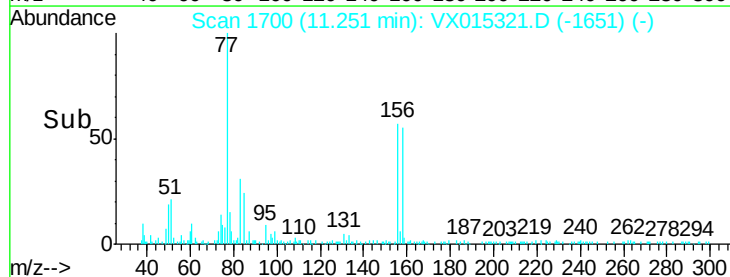
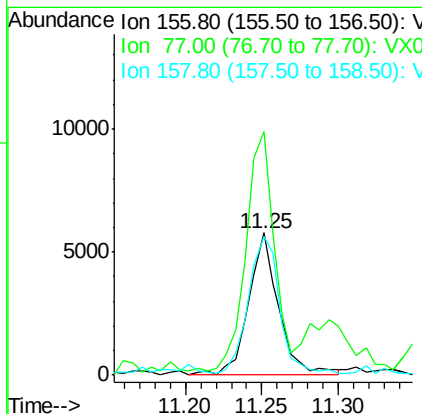
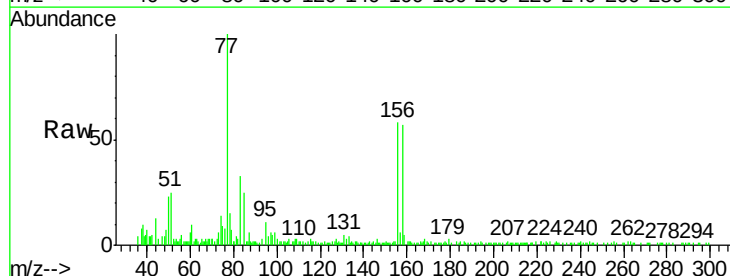
MMDadoda
3/19/2020 12:00:48 PM

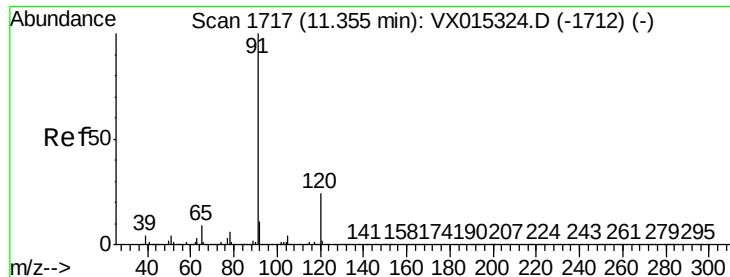


#77

Bromobenzene
Concen: 1.068 ug/l
RT: 11.25 min Scan# 1700
Delta R.T. -0.00 min
Lab File: VX015321.D
Acq: 18 Mar 2020 12:22

Tgt Ion	Ratio	Lower	Upper
156	100		
77	161.8	81.4	244.2
158	99.0	48.6	145.9





#78

n-propylbenzene

Concen: 1.114 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX015321.D

Acq: 18 Mar 2020 12:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 91 Resp: 34145

Ion Ratio Lower Upper

91 100

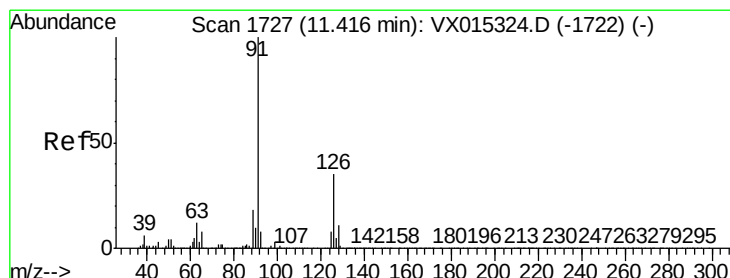
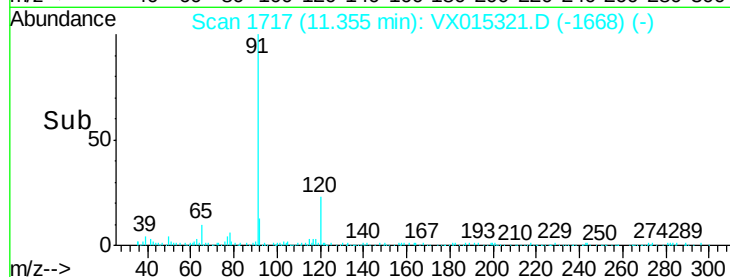
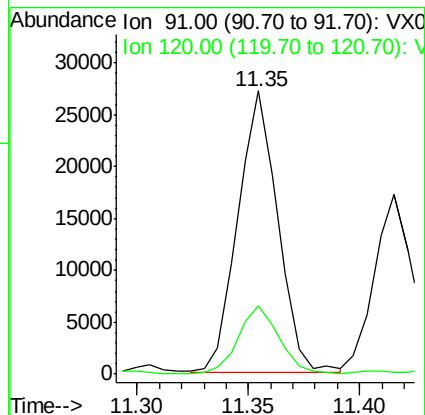
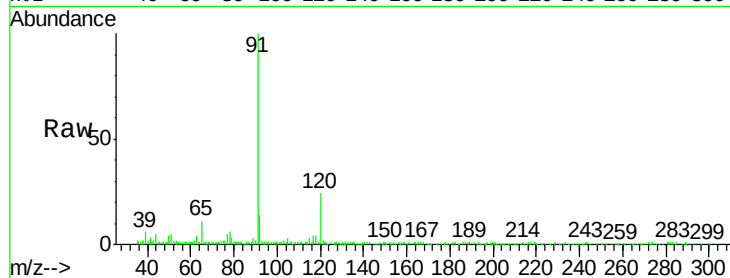
120 24.3 11.8 35.3

Manual Integrations

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#79

2-Chlorotoluene

Concen: 1.154 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX015321.D

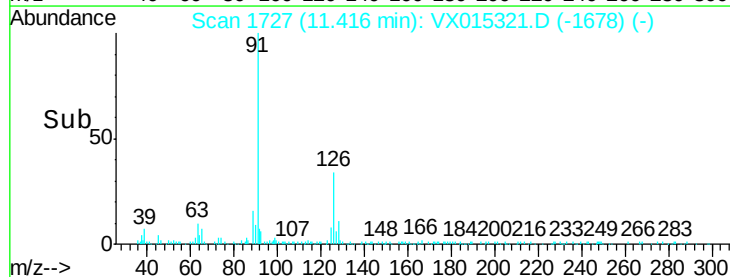
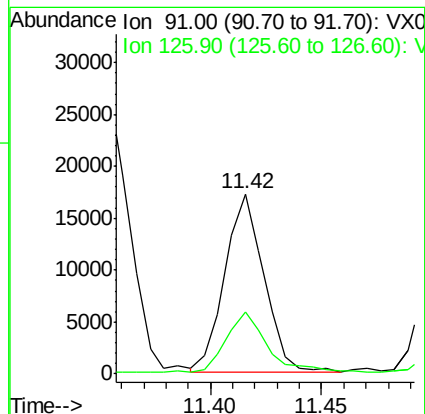
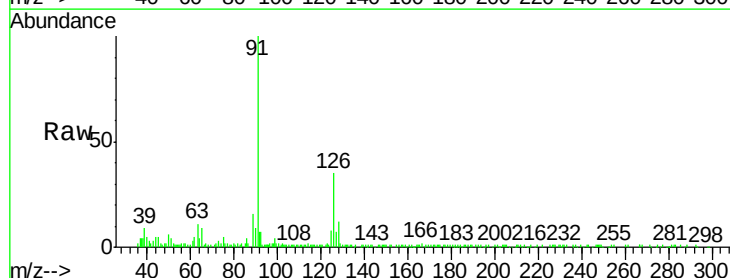
Acq: 18 Mar 2020 12:22

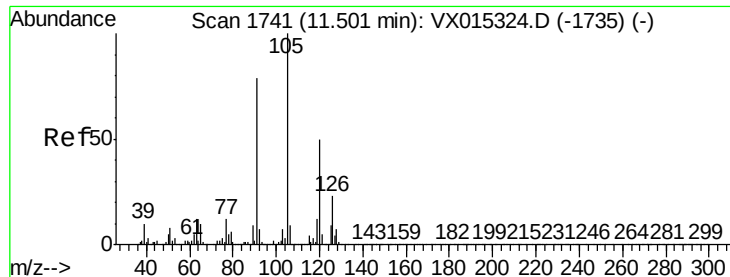
Tgt Ion: 91 Resp: 21191

Ion Ratio Lower Upper

91 100

126 40.5 17.2 51.6





#80

1,3,5-Trimethylbenzene

Concen: 1.010 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX015321.D

Acq: 18 Mar 2020 12:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:105 Resp: 22595

Ion Ratio Lower Upper

105 100

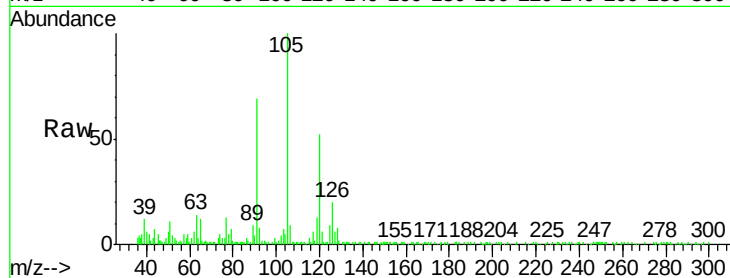
120 47.5 24.9 74.6

Manual Integrations

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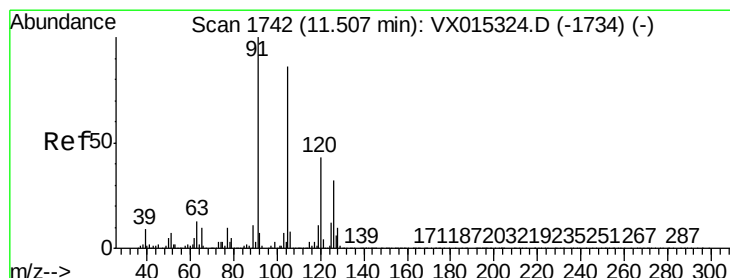
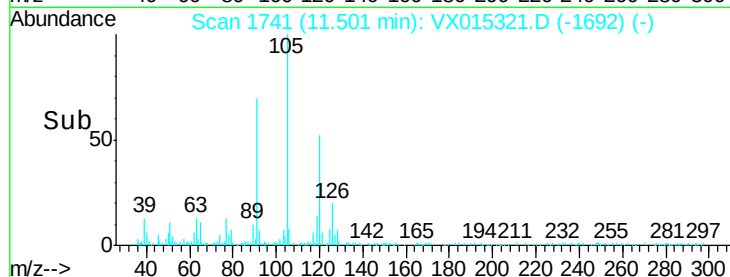
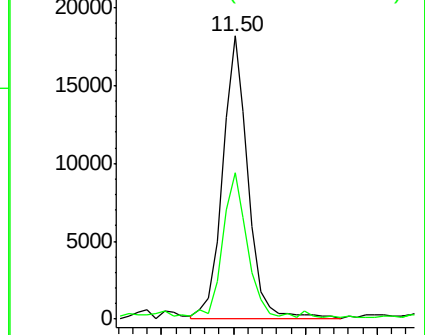
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#82

4-Chlorotoluene

Concen: 0.998 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX015321.D

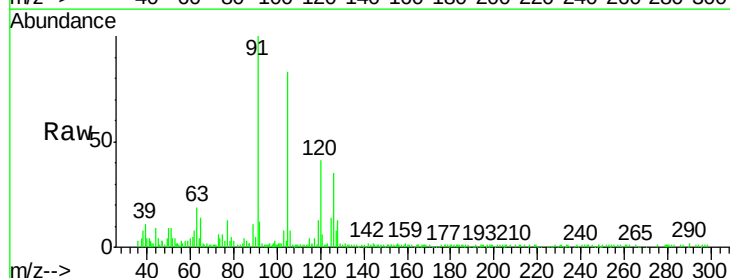
Acq: 18 Mar 2020 12:22

Tgt Ion: 91 Resp: 21628

Ion Ratio Lower Upper

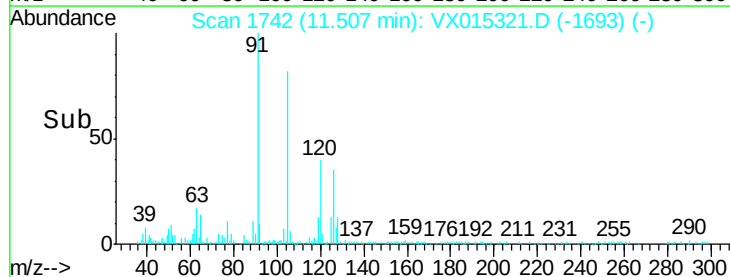
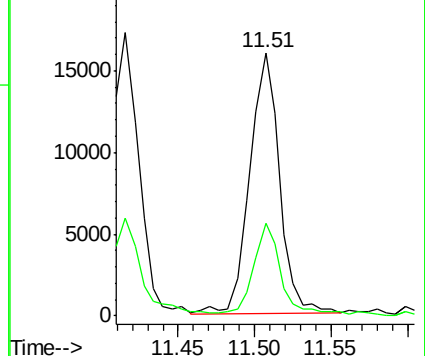
91 100

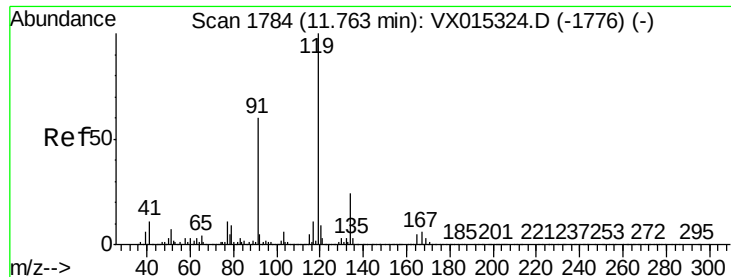
126 32.3 15.4 46.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





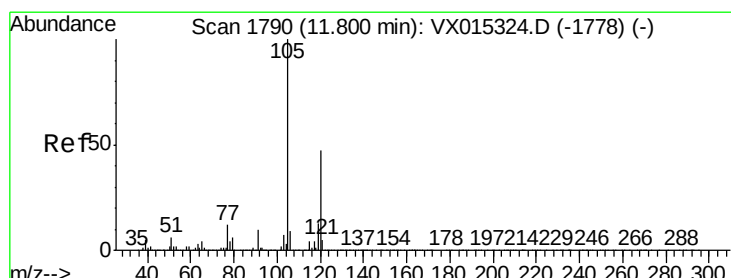
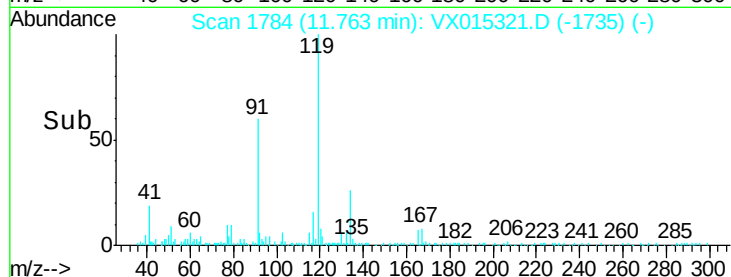
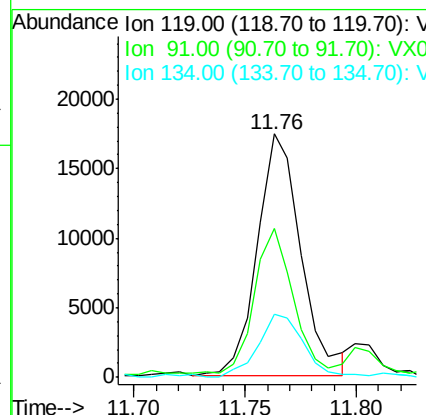
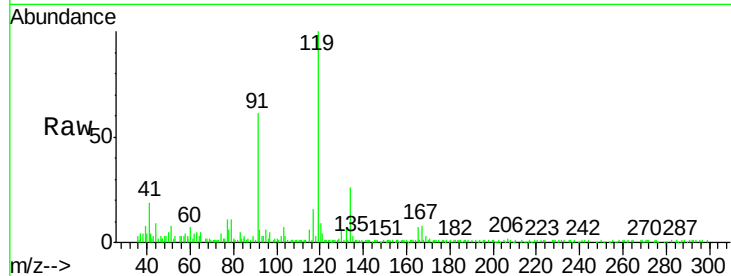
#83
tert-Butylbenzene
Concen: 1.099 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX015321.D
Acq: 18 Mar 2020 12:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Resp	Lower	Upper
119	100	23822		
91	53.2		28.1	84.4
134	27.3		11.6	34.8

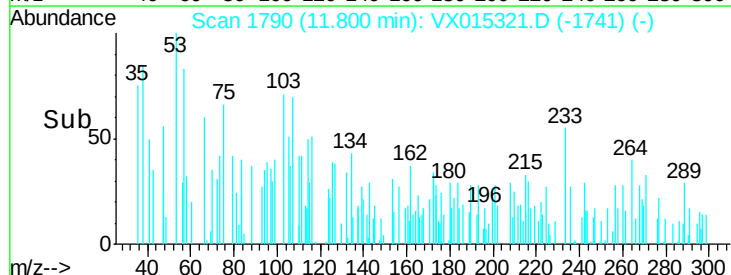
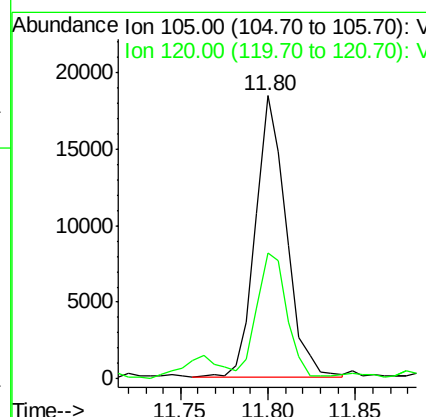
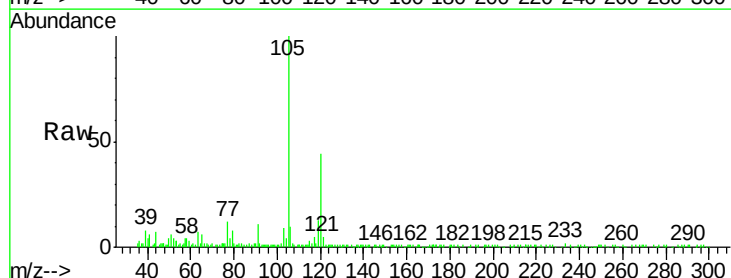
Manual Integrations
APPROVED

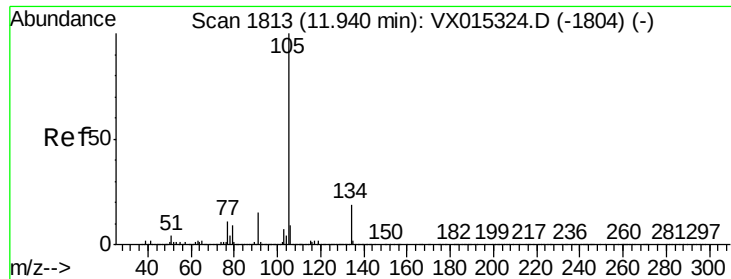
MMDadoda
3/19/2020 12:00:48 PM



#84
1,2,4-Trimethylbenzene
Concen: 0.998 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VX015321.D
Acq: 18 Mar 2020 12:22

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	22618		
120	43.4		23.1	69.2





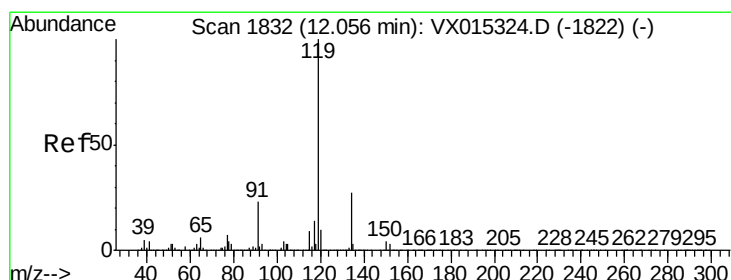
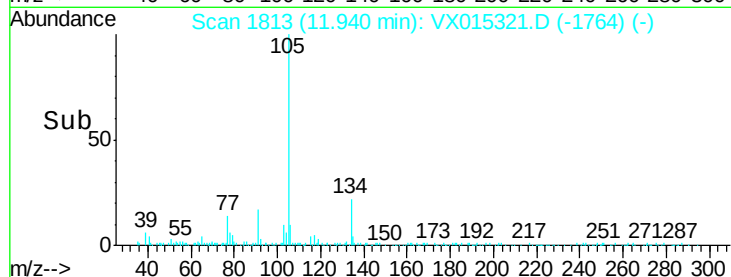
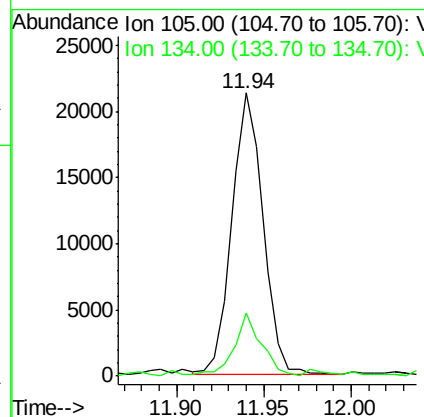
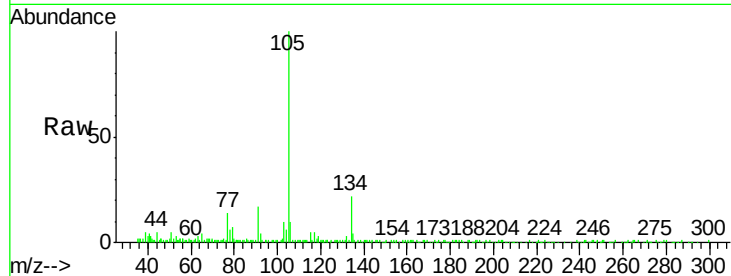
#85
 sec-Butylbenzene
 Concen: 0.999 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX015321.D
 Acq: 18 Mar 2020 12:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
105	100		
134	18.8	9.8	29.5

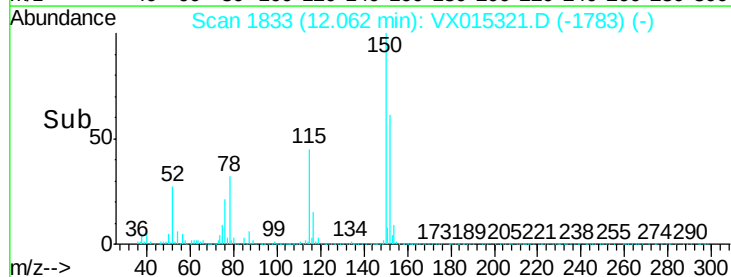
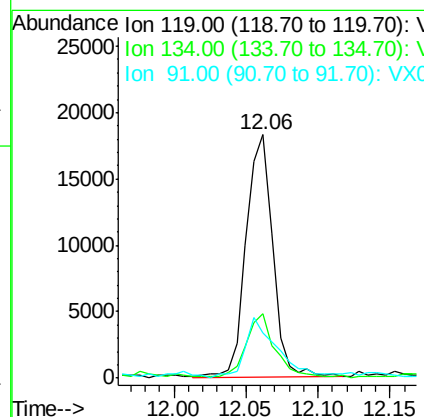
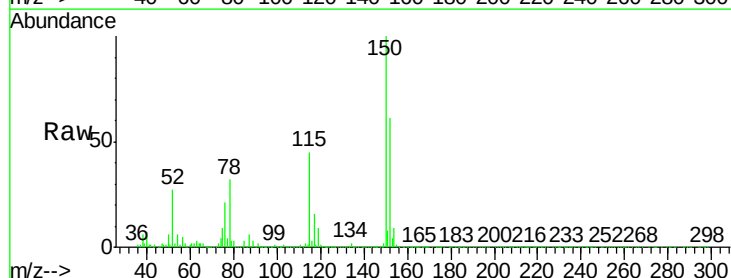
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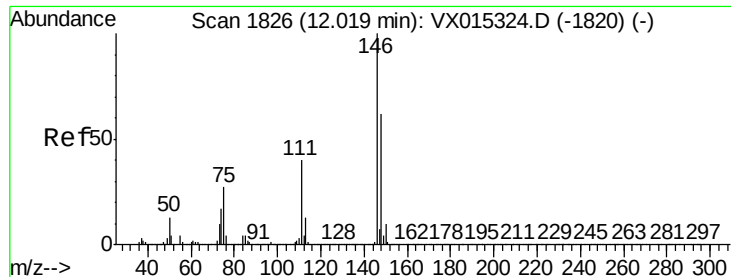
MMDadoda
 3/19/2020 12:00:48 PM



#86
 p-Isopropyltoluene
 Concen: 0.975 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.01 min
 Lab File: VX015321.D
 Acq: 18 Mar 2020 12:22

Tgt Ion	Ratio	Lower	Upper
119	100		
134	29.5	13.2	39.6
91	30.2	11.0	33.0





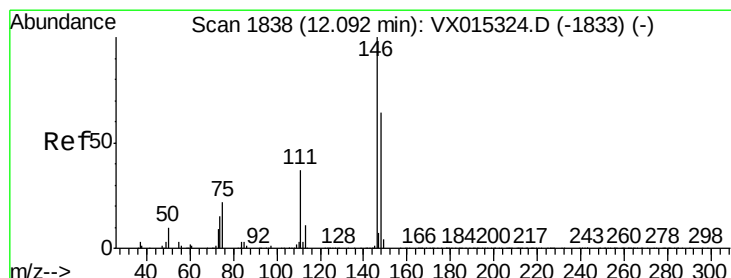
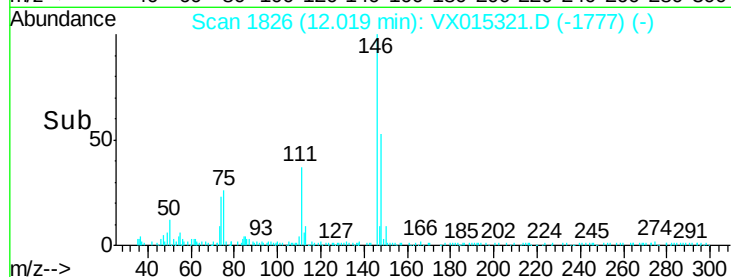
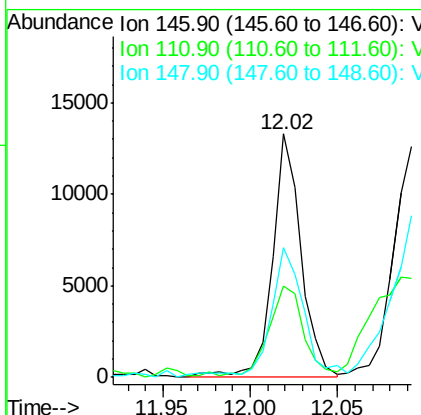
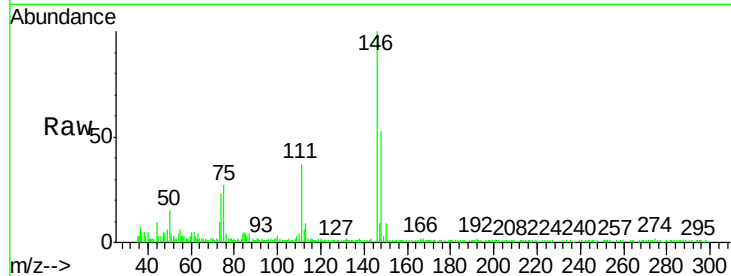
#87
 1,3-Dichlorobenzene
 Concen: 1.146 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX015321.D
 Acq: 18 Mar 2020 12:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.8	20.3	61.0
148	58.2	31.4	94.3

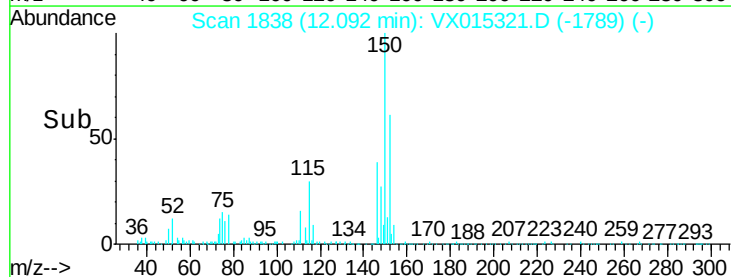
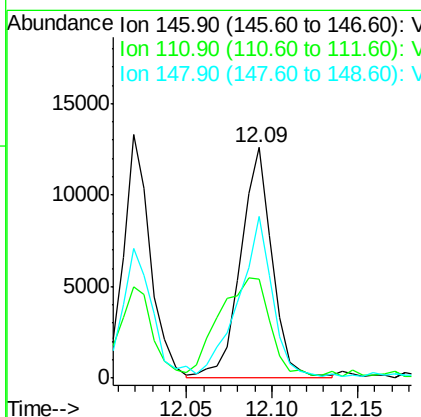
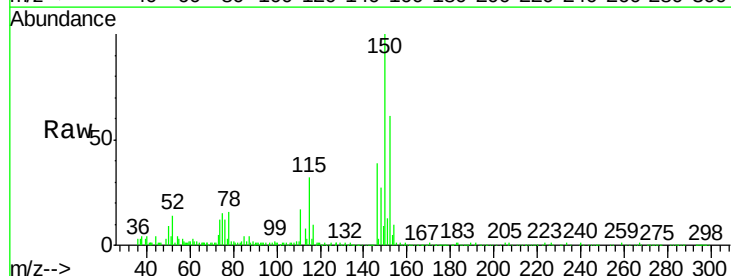
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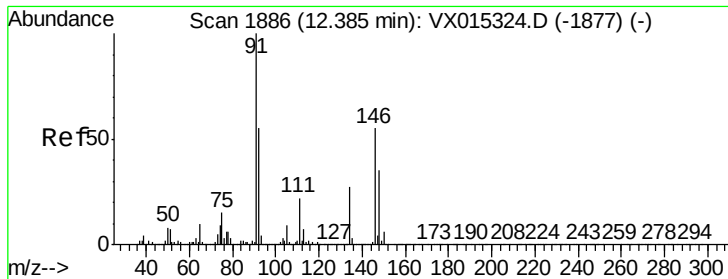
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#88
 1,4-Dichlorobenzene
 Concen: 1.191 ug/l m
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX015321.D
 Acq: 18 Mar 2020 12:22

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.9	19.7	59.1
148	54.4	32.0	96.0





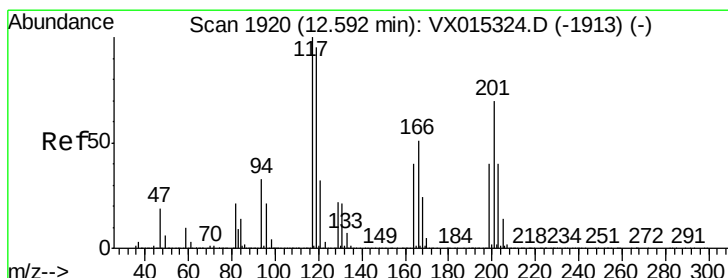
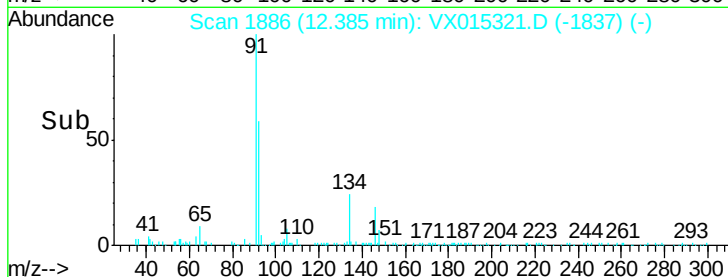
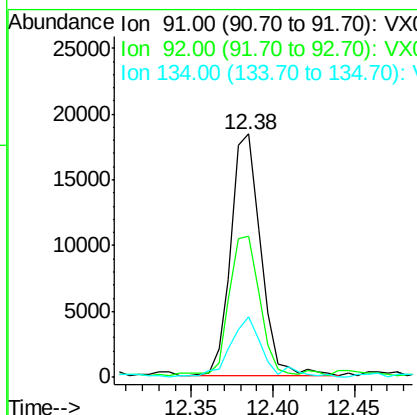
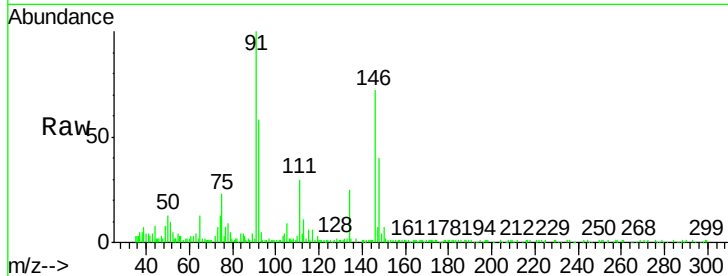
#89
n-Butylbenzene
Concen: 1.079 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX015321.D
Acq: 18 Mar 2020 12:22

Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
91	100		
92	60.7	27.5	82.4
134	28.2	13.2	39.6

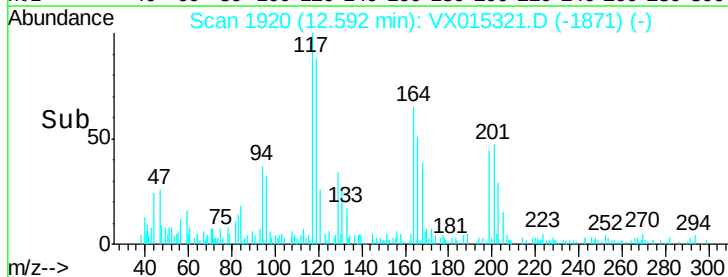
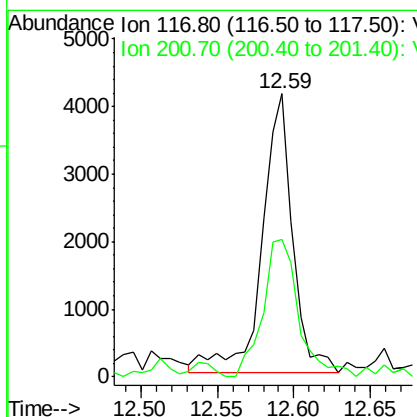
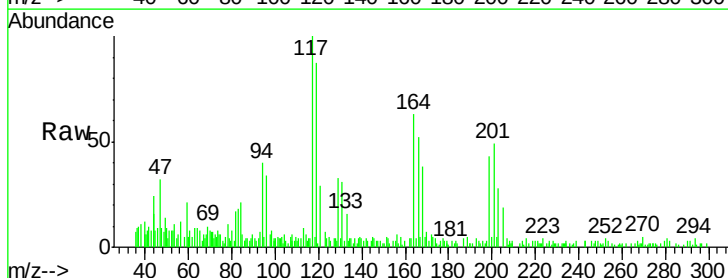
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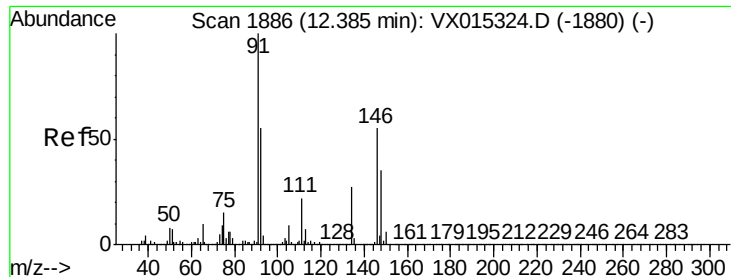
MMDadoda
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#90
Hexachloroethane
Concen: 1.261 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX015321.D
Acq: 18 Mar 2020 12:22

Tgt Ion	Ratio	Lower	Upper
117	100		
201	58.0	32.7	98.1





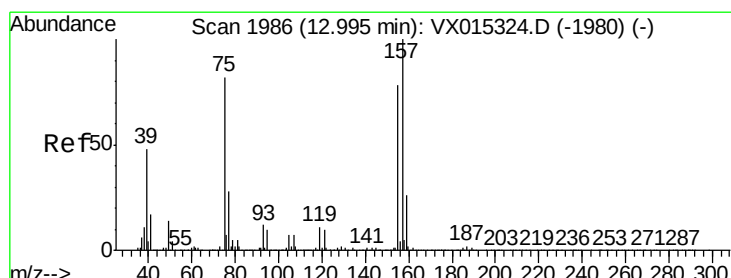
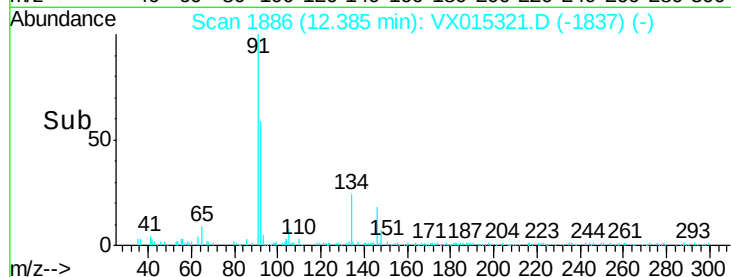
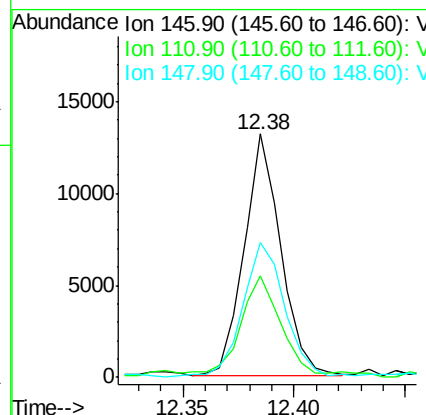
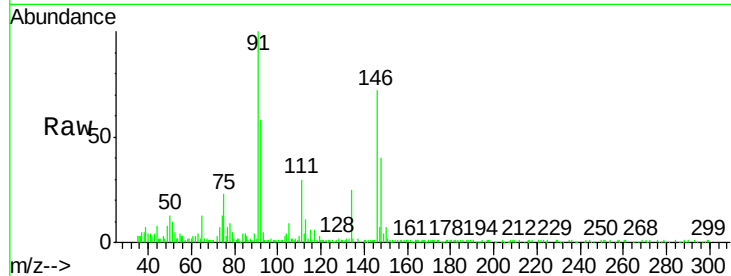
#91
 1,2-Dichlorobenzene
 Concen: 1.146 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX015321.D
 Acq: 18 Mar 2020 12:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.2	20.6	61.8
148	65.0	31.6	94.8

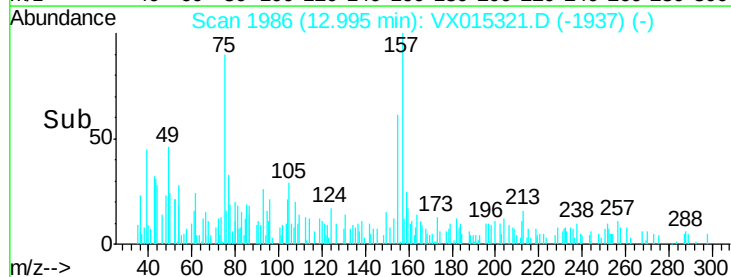
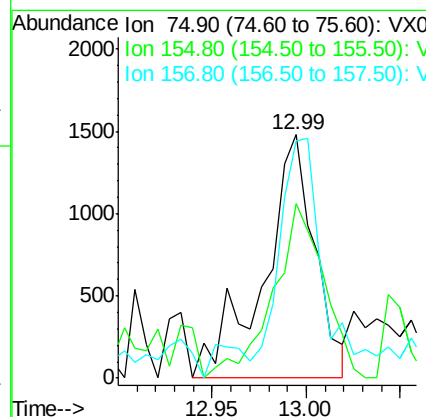
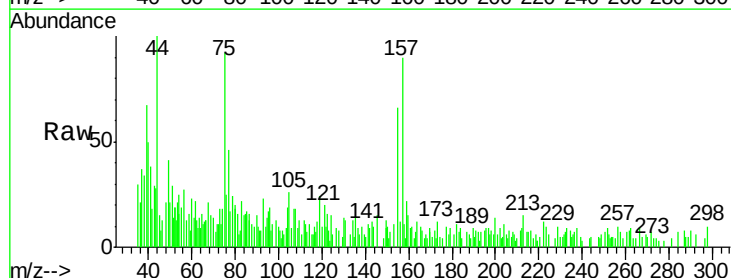
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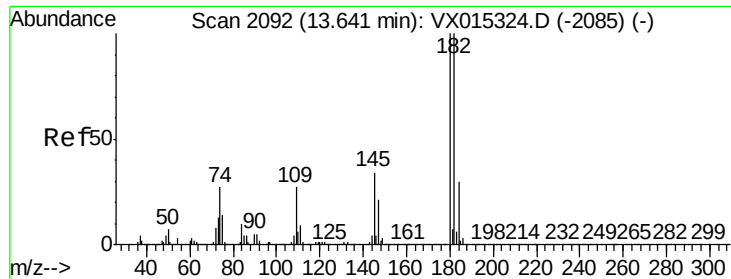
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.567 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX015321.D
 Acq: 18 Mar 2020 12:22

Tgt Ion	Ratio	Lower	Upper
75	100		
155	70.4	48.9	146.7
157	81.1	61.1	183.3





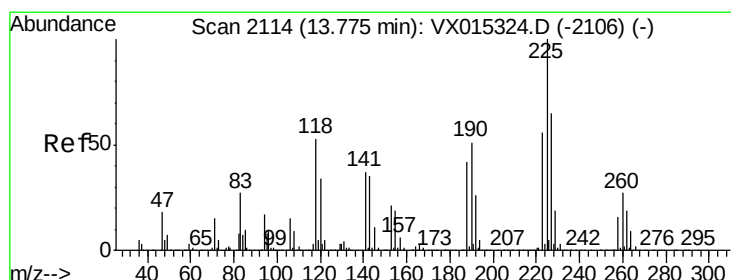
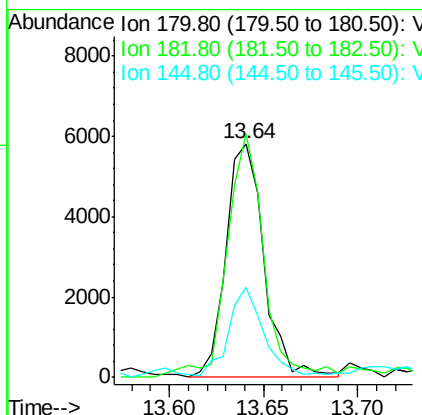
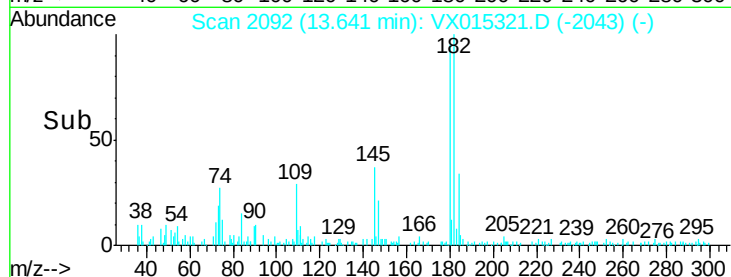
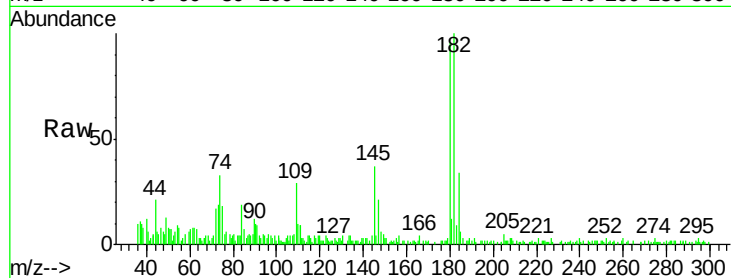
#93
1,2,4-Trichlorobenzene
Concen: 0.921 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. -0.00 min
Lab File: VX015321.D
Acq: 18 Mar 2020 12:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	99.3	48.6	145.9	
145	36.4	16.7	50.1	

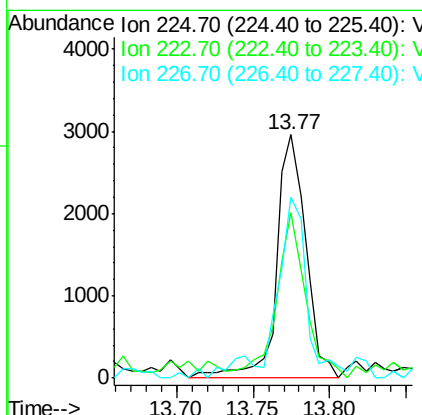
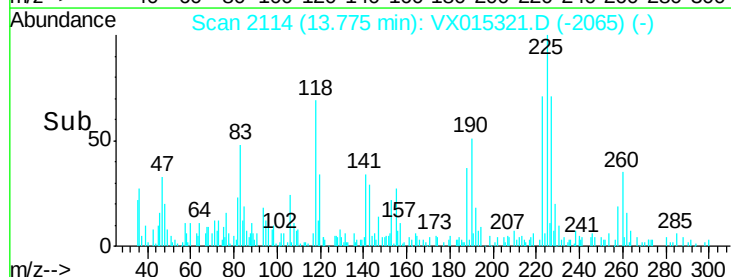
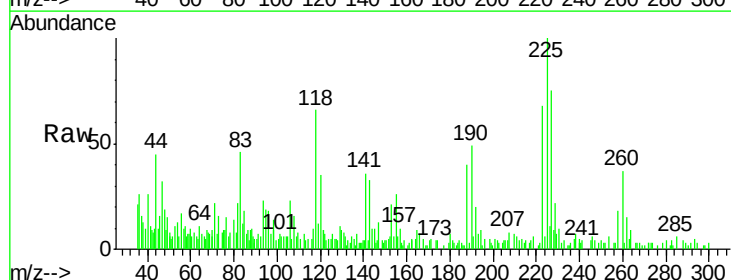
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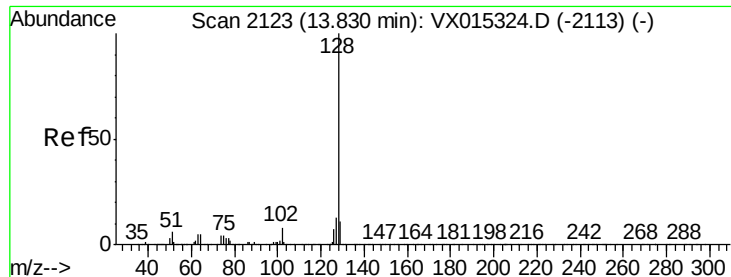
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#94
Hexachlorobutadiene
Concen: 0.896 ug/l
RT: 13.77 min Scan# 2114
Delta R.T. -0.00 min
Lab File: VX015321.D
Acq: 18 Mar 2020 12:22

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	68.0	30.6	91.6	
227	79.1	32.3	96.8	





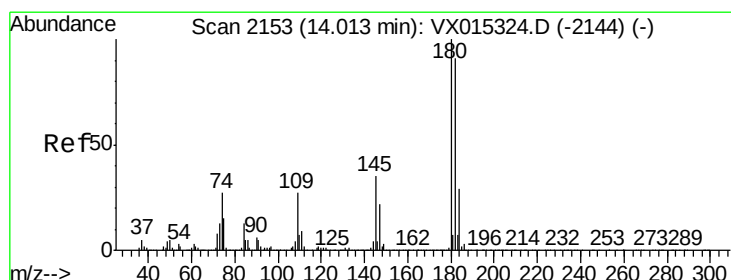
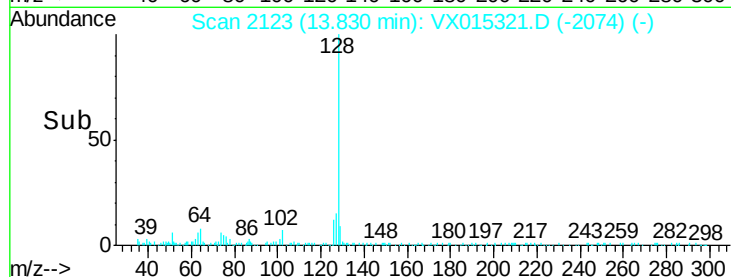
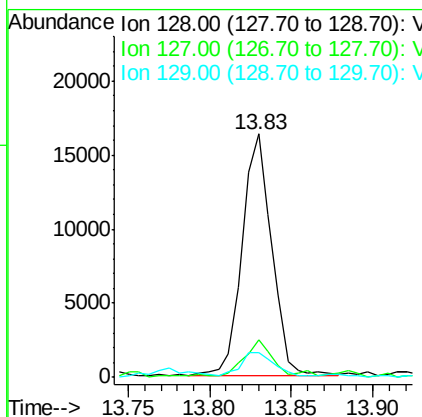
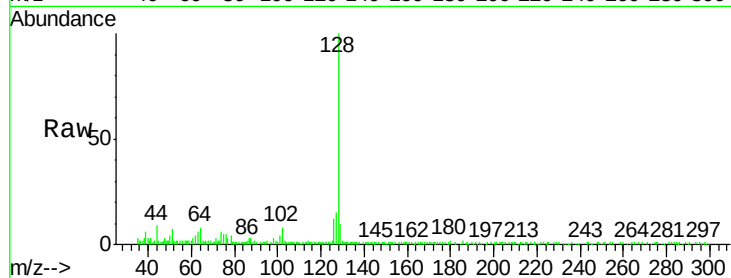
#95
Naphthalene
Concen: 0.820 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX015321.D
Acq: 18 Mar 2020 12:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion:	128	Resp:	20582
Ion Ratio	Lower	Upper	
128	100		
127	13.9	10.2	15.4
129	11.6	8.7	13.1

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#96
1,2,3-Trichlorobenzene
Concen: 0.898 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX015321.D
Acq: 18 Mar 2020 12:22

Tgt Ion:	180	Resp:	7905
Ion Ratio	Lower	Upper	
180	100		
182	90.2	47.0	141.0
145	32.3	17.6	52.8

