

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX092319\
 Data File : VX012594.D
 Acq On : 23 Sep 2019 10:09
 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
 9/24/2019 10:07:37 AM

Quant Time: Sep 23 12:05:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 11:56:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	205158	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	354701	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	313378	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	132595	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	2628	1.928	ug/l	98
3) Chloromethane	1.32	50	3045	2.261	ug/l #	87
4) Vinyl Chloride	1.40	62	2705	1.902	ug/l	98
6) Chloroethane	1.72	64	1899	1.736	ug/l #	75
7) Trichlorofluoromethane	1.92	101	4028	1.669	ug/l	97
8) Diethyl Ether	2.17	74	1716	1.599	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.37	101	2383	1.403	ug/l	96
12) 1,1-Dichloroethene	2.36	96	2041	1.429	ug/l #	67
14) Allyl chloride	2.72	41	4179	1.313	ug/l #	84
15) Acrylonitrile	3.13	53	7392	5.684	ug/l	97
16) Acetone	2.43	43	7958	5.267	ug/l	97
17) Carbon Disulfide	2.56	76	6430	2.821	ug/l	95
18) Methyl Acetate	2.76	43	4121	1.319	ug/l	92
19) Methyl tert-butyl Ether	3.19	73	8413	1.171	ug/l	94
20) Methylene Chloride	2.84	84	3092	1.627	ug/l	92
21) trans-1,2-Dichloroethene	3.15	96	2555	1.708	ug/l	95
22) Diisopropyl ether	3.84	45	8914	1.240	ug/l	95
23) Vinyl Acetate	3.80	43	35268	5.903	ug/l	96
24) 1,1-Dichloroethane	3.68	63	4807	1.366	ug/l	97
25) 2-Butanone	4.67	43	11182	5.415	ug/l	99
26) 2,2-Dichloropropane	4.56	77	4364	1.284	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	3124	1.478	ug/l	96
28) Bromochloromethane	4.98	49	1843m	1.067	ug/l	
29) Tetrahydrofuran	5.12	42	6586	5.703	ug/l	96
30) Chloroform	5.18	83	5129	1.297	ug/l	86
32) 1,1,1-Trichloroethane	5.47	97	4233	1.267	ug/l #	48
36) 1,1-Dichloropropene	5.79	75	3723	1.615	ug/l	97
37) Ethyl Acetate	4.82	43	3900	1.166	ug/l #	94
38) Carbon Tetrachloride	5.77	117	3495	1.263	ug/l #	91
39) Methylcyclohexane	7.46	83	4575	1.948	ug/l #	82
40) Benzene	6.13	78	10825	1.493	ug/l	96
41) Methacrylonitrile	5.03	41	2443	1.150	ug/l	97
42) 1,2-Dichloroethane	6.19	62	3991	1.231	ug/l	92
43) Isopropyl Acetate	6.44	43	7076	1.189	ug/l	95

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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	7.20	130	2733	1.450	ug/l	86
45) 1,2-Dichloropropane	7.51	63	2696	1.252	ug/l	96
46) Dibromomethane	7.65	93	1961	1.398	ug/l	88
47) Bromodichloromethane	7.89	83	3509	1.146	ug/l	93
48) Methyl methacrylate	7.76	41	3131	1.110	ug/l #	92
49) 1,4-Dioxane	7.74	88	1315	19.210	ug/l #	81
51) 4-Methyl-2-Pentanone	8.64	43	20305	5.251	ug/l	98
52) Toluene	8.78	92	6631	1.428	ug/l	91
53) t-1,3-Dichloropropene	9.03	75	3620	1.126	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	4095	1.218	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	2548	1.114	ug/l	87
56) Ethyl methacrylate	9.17	69	3856	1.066	ug/l	89
57) 1,3-Dichloropropane	9.36	76	4640	1.257	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.31	63	7957	4.300	ug/l	100
59) 2-Hexanone	9.48	43	14336	4.746	ug/l	96
60) Dibromochloromethane	9.57	129	2316	1.000	ug/l	97
61) 1,2-Dibromoethane	9.67	107	2556	1.203	ug/l	99
64) Tetrachloroethene	9.32	164	2509	1.642	ug/l	89
65) Chlorobenzene	10.14	112	7182	1.347	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.21	131	2413	1.122	ug/l #	65
67) Ethyl Benzene	10.25	91	12341	1.337	ug/l	97
68) m/p-Xylenes	10.36	106	9532	2.820	ug/l	95
69) o-Xylene	10.70	106	4404	1.284	ug/l	96
70) Styrene	10.71	104	6579	1.092	ug/l	97
71) Bromoform	10.85	173	1376	0.867	ug/l #	93
73) Isopropylbenzene	11.01	105	11671	1.363	ug/l	99
74) N-amyl acetate	10.89	43	5036	1.114	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.26	83	3774	1.155	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	3718m	1.212	ug/l	
77) Bromobenzene	11.25	156	2610	1.266	ug/l	96
78) n-propylbenzene	11.35	91	12964	1.358	ug/l	99
79) 2-Chlorotoluene	11.42	91	8642	1.397	ug/l	95
80) 1,3,5-Trimethylbenzene	11.50	105	9397	1.291	ug/l	99
82) 4-Chlorotoluene	11.51	91	9233	1.302	ug/l	98
83) tert-Butylbenzene	11.77	119	9335	1.219	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	9424	1.263	ug/l	96
85) sec-Butylbenzene	11.94	105	10570	1.241	ug/l	98
86) p-Isopropyltoluene	12.06	119	8957	1.147	ug/l	90
87) 1,3-Dichlorobenzene	12.02	146	4449	1.154	ug/l	91
88) 1,4-Dichlorobenzene	12.09	146	4744m	1.200	ug/l	
89) n-Butylbenzene	12.39	91	8264	1.188	ug/l	96
90) Hexachloroethane	12.59	117	1664	1.174	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	4732	1.184	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	13.00	75	879	1.042	ug/l	88
93) 1,2,4-Trichlorobenzene	13.64	180	2777	1.095	ug/l	98
94) Hexachlorobutadiene	13.78	225	1282	1.081	ug/l	92
95) Naphthalene	13.83	128	8749	0.962	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	2730	1.055	ug/l	94

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ALS Vial : 2 Sample Multiplier: 1

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MSVOA_X
ClientSampleId :
VSTDICC001

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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

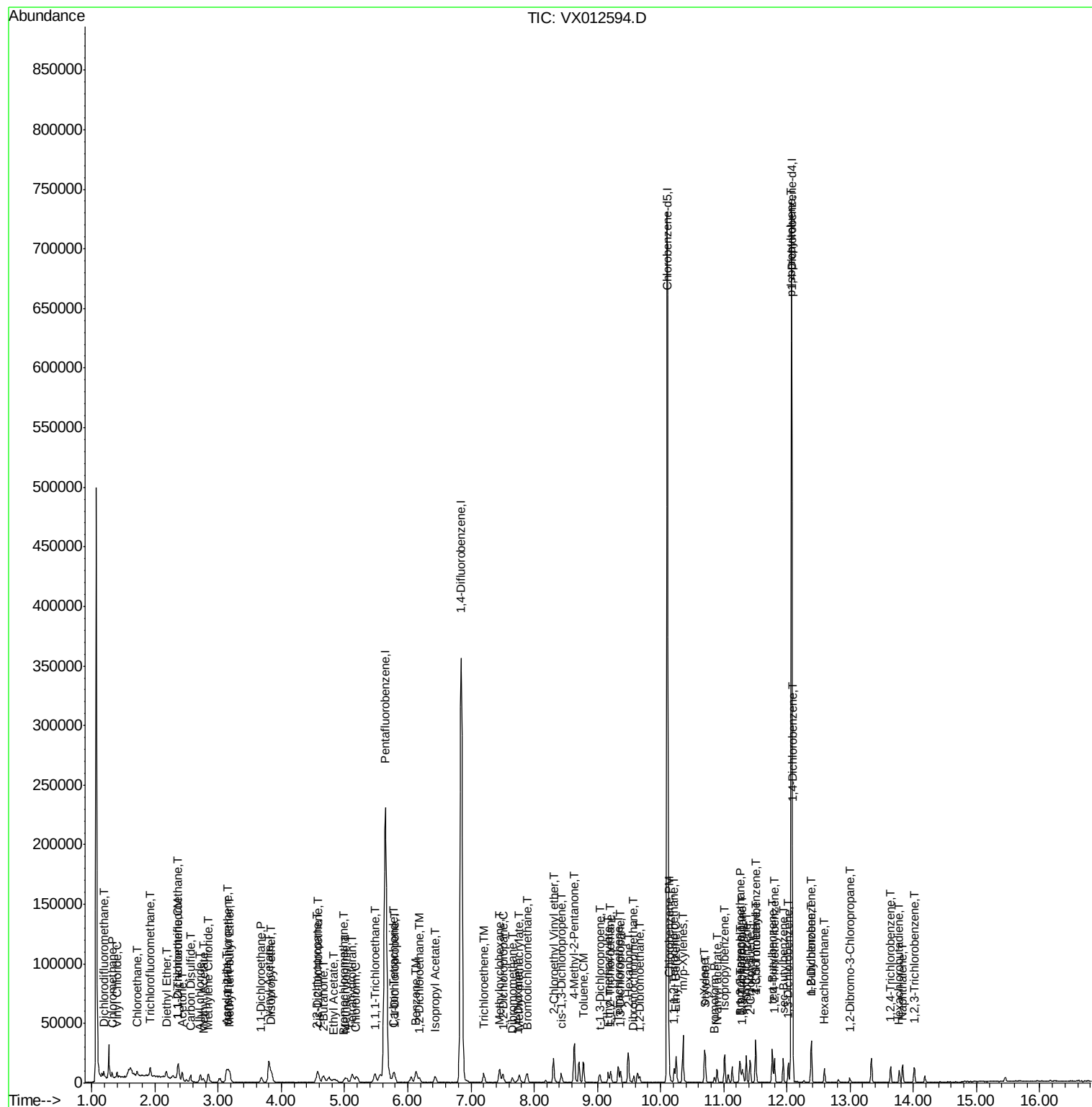
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX092319\
Data File : VX012594.D
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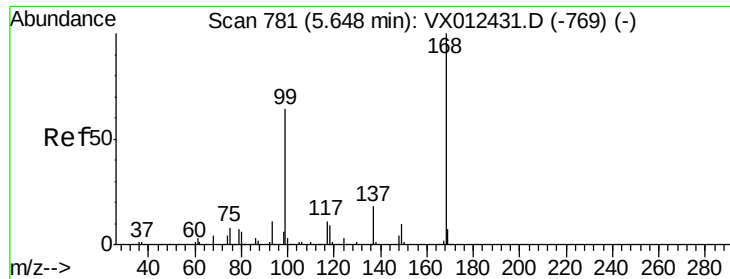
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 780

Delta R.T. -0.01 min

Lab File: VX012594.D

Acq: 23 Sep 2019 10:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:168 Resp: 205158

Ion Ratio Lower Upper

168 100

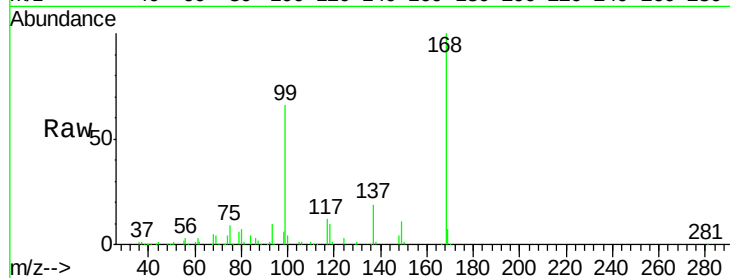
99 66.3 53.3 79.9

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

80000

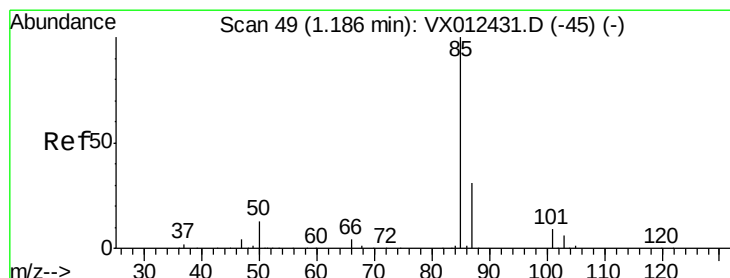
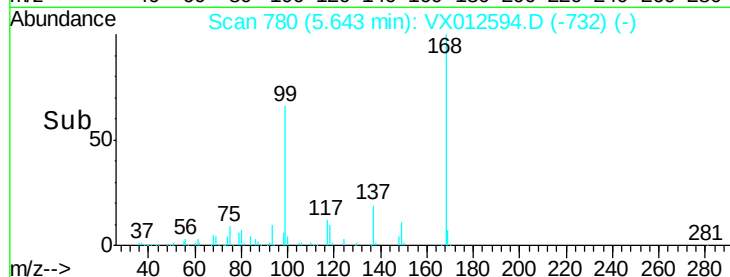
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 1.928 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX012594.D

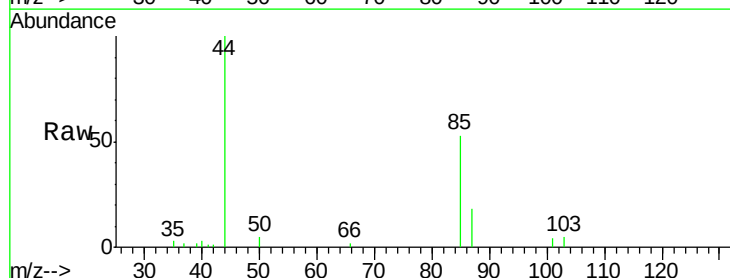
Acq: 23 Sep 2019 10:09

Tgt Ion: 85 Resp: 2628

Ion Ratio Lower Upper

85 100

87 34.0 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

2500

2000

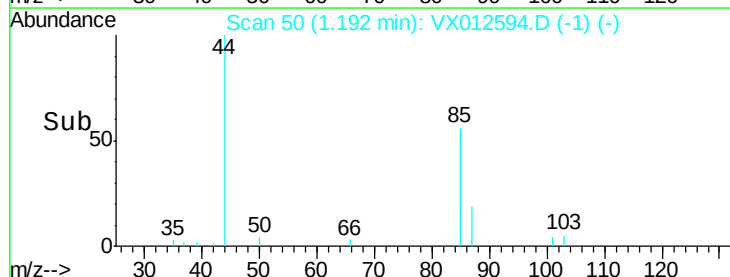
1500

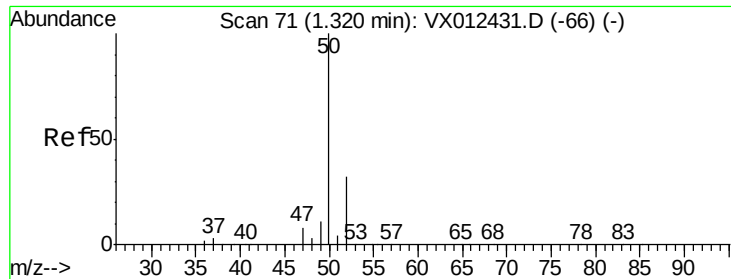
1000

500

0

Time-->





#3

Chloromethane

Concen: 2.261 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX012594.D

Acq: 23 Sep 2019 10:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 50 Resp: 3045

Ion Ratio Lower Upper

50 100

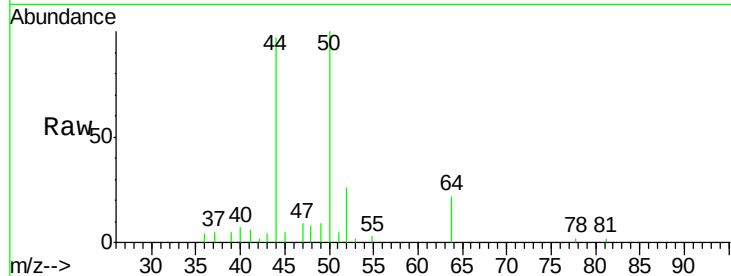
52 26.3 27.0 40.4#

Manual Integrations

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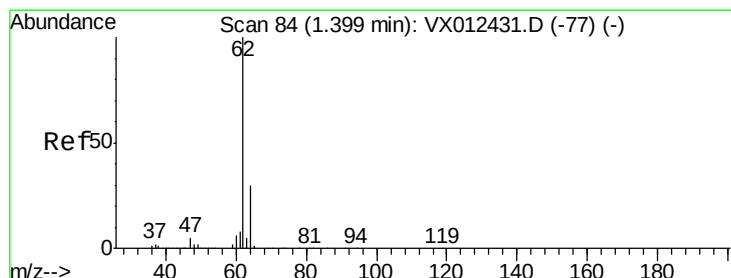
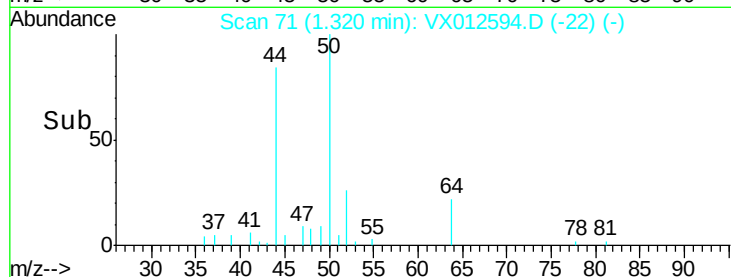
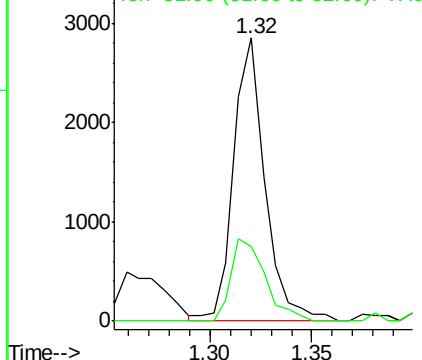
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 1.902 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012594.D

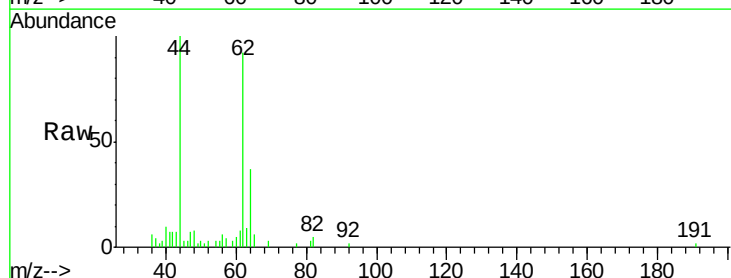
Acq: 23 Sep 2019 10:09

Tgt Ion: 62 Resp: 2705

Ion Ratio Lower Upper

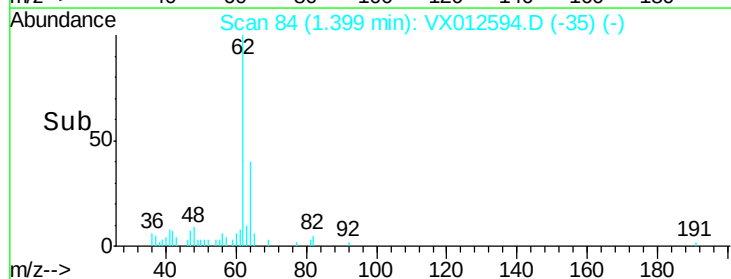
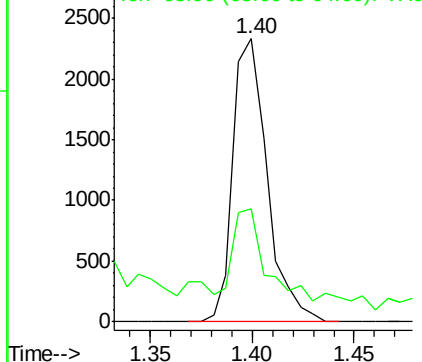
62 100

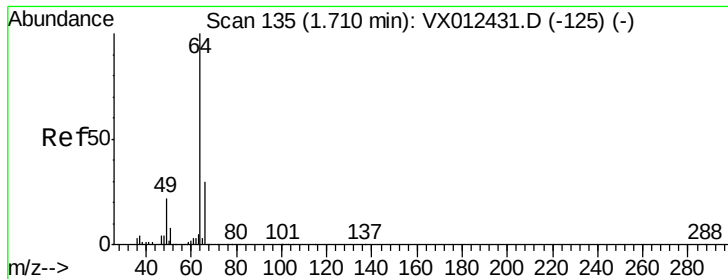
64 31.1 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#6

Chloroethane

Concen: 1.736 ug/l

RT: 1.72 min Scan# 137

Delta R.T. 0.01 min

Lab File: VX012594.D

Acq: 23 Sep 2019 10:09

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

Tot Ion: 64 Resp: 1899

Ion Ratio Lower Upper

64 100

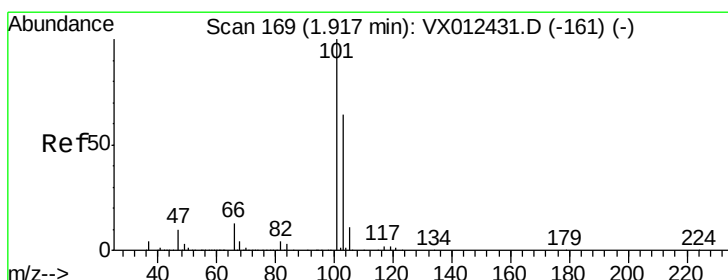
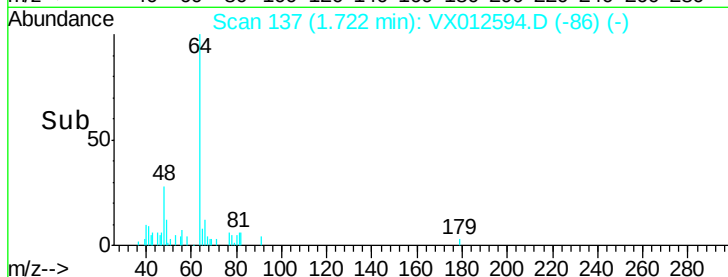
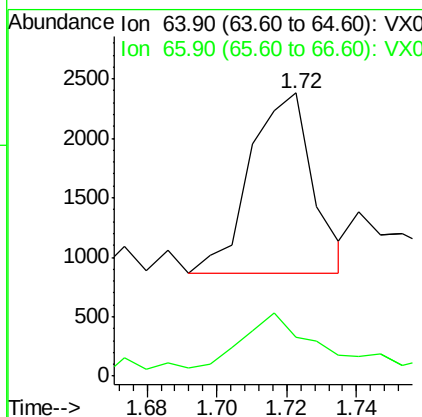
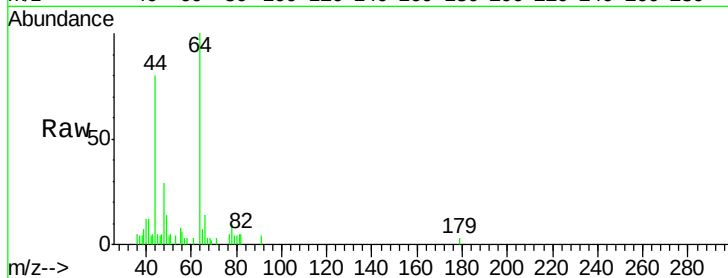
66 17.4 24.6 37.0#

Manual Integrations

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#7

Trichlorofluoromethane

Concen: 1.669 ug/l

RT: 1.92 min Scan# 170

Delta R.T. 0.01 min

Lab File: VX012594.D

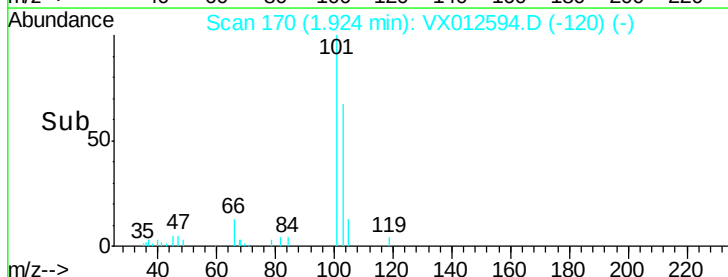
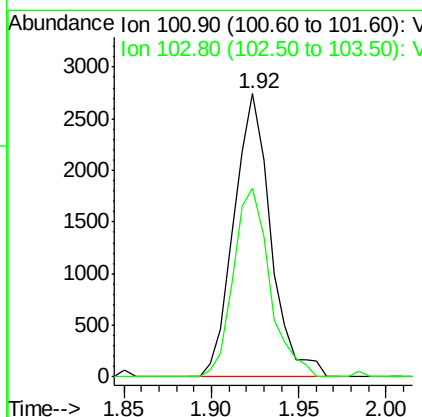
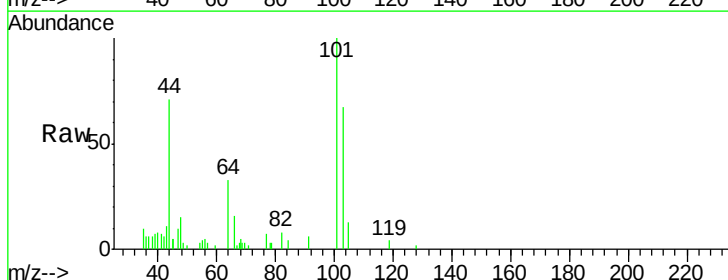
Acq: 23 Sep 2019 10:09

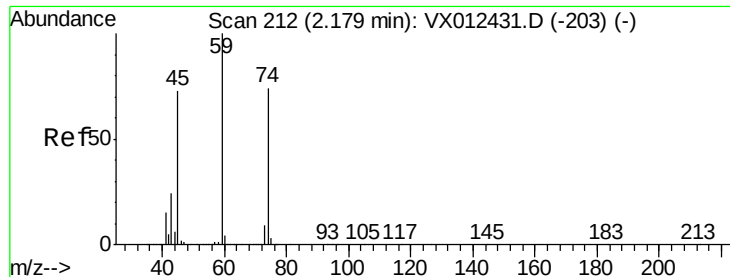
Tgt Ion: 101 Resp: 4028

Ion Ratio Lower Upper

101 100

103 66.8 51.7 77.5





#8

Diethyl Ether

Concen: 1.599 ug/l

RT: 2.17 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX012594.D

Acq: 23 Sep 2019 10:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 74 Resp: 1716

Ion Ratio Lower Upper

74 100

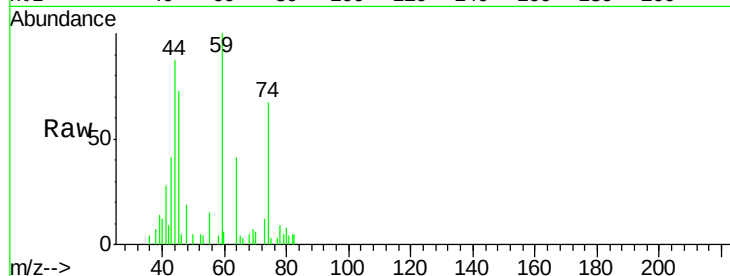
45 92.3 50.0 149.8

Manual Integrations

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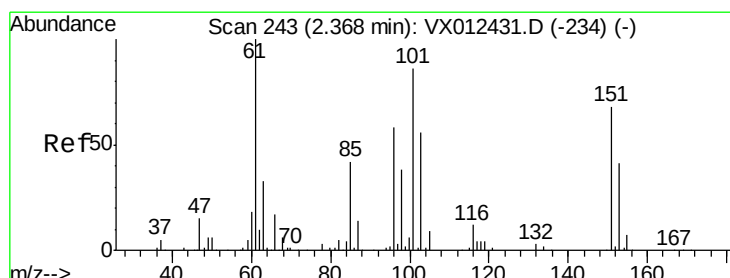
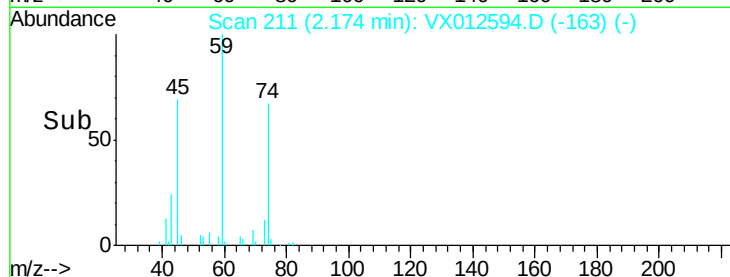
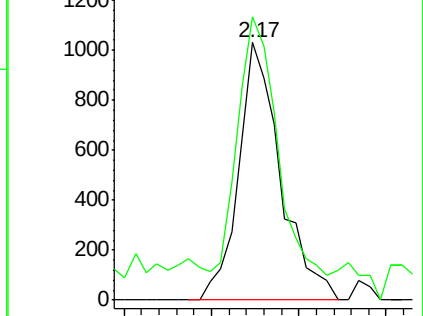
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Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.403 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.01 min

Lab File: VX012594.D

Acq: 23 Sep 2019 10:09

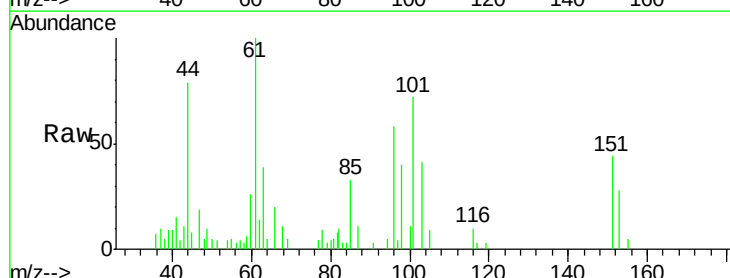
Tgt Ion: 101 Resp: 2383

Ion Ratio Lower Upper

101 100

85 44.1 35.8 53.6

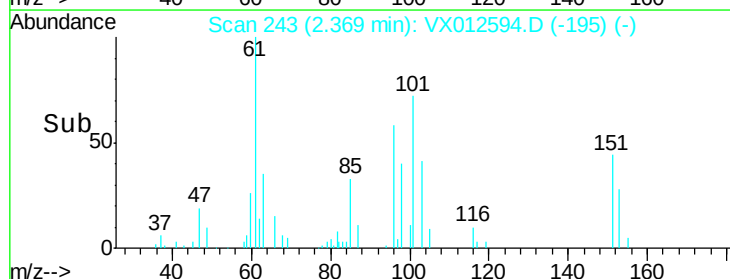
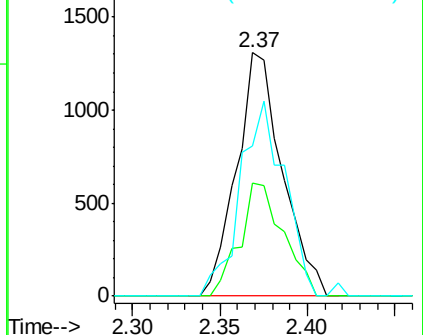
151 77.4 57.4 86.2

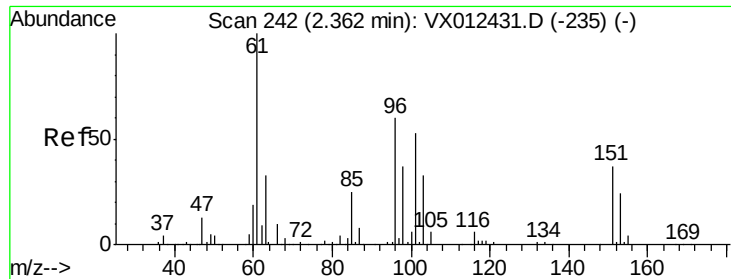


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V





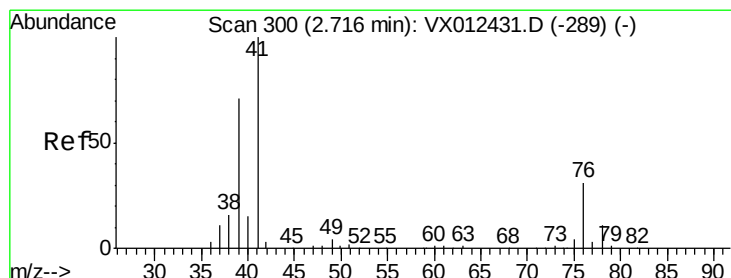
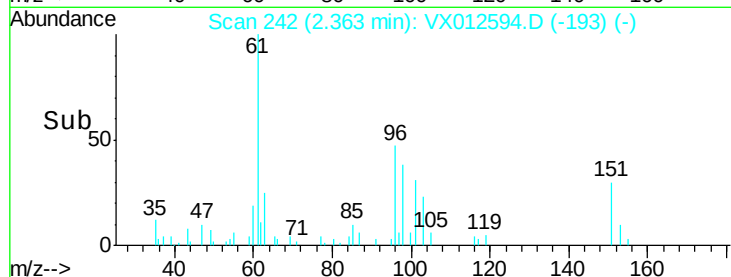
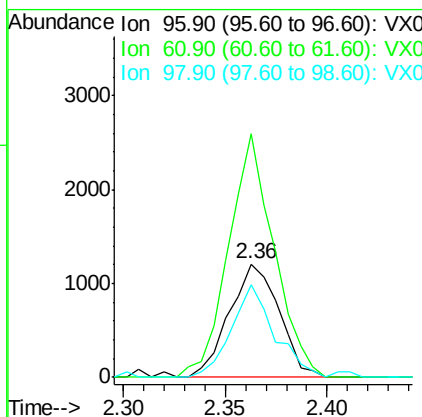
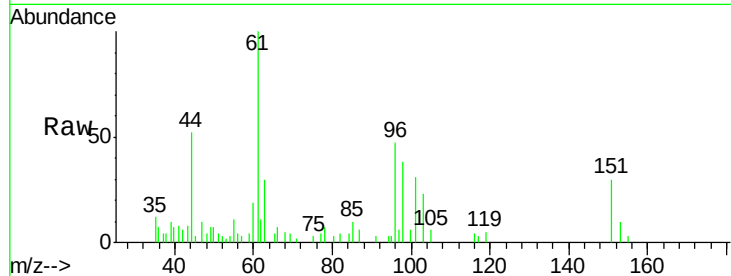
#12
 1,1-Dichloroethene
 Concen: 1.429 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. 0.00 min
 Lab File: VX012594.D
 Acq: 23 Sep 2019 10:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
96	100		
61	214.7	133.4	200.0#
98	81.8	48.8	73.2#

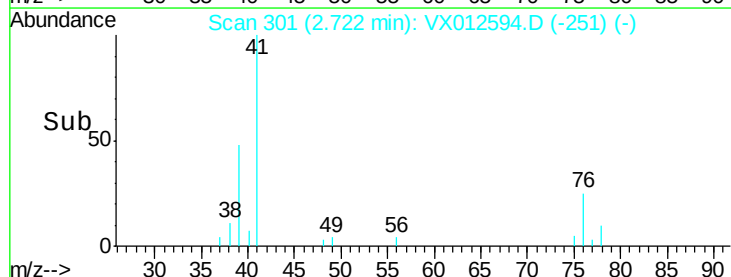
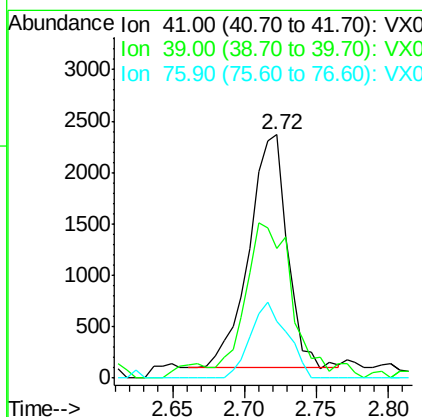
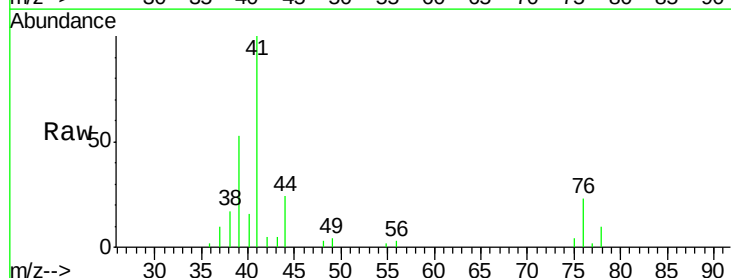
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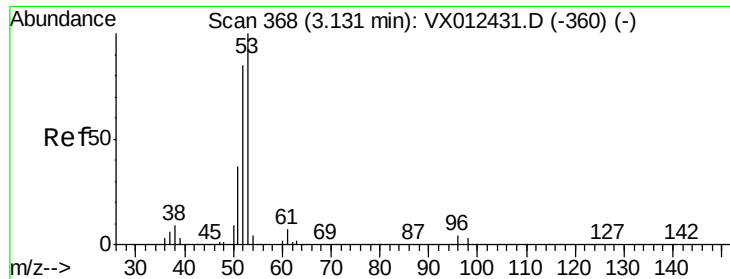
MMDadoda
 9/24/2019 10:07:37 AM



#14
 Allyl chloride
 Concen: 1.313 ug/l
 RT: 2.72 min Scan# 301
 Delta R.T. 0.01 min
 Lab File: VX012594.D
 Acq: 23 Sep 2019 10:09

Tgt Ion	Ratio	Lower	Upper
41	100		
39	83.7	52.1	78.1#
76	30.9	25.0	37.6





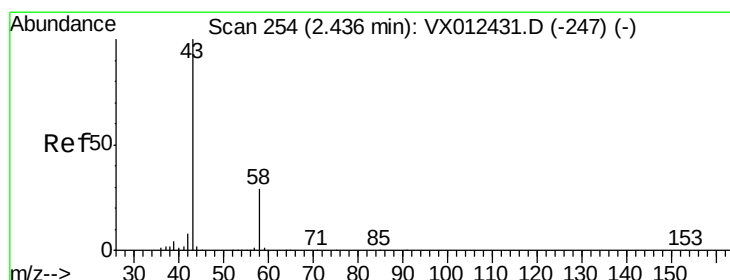
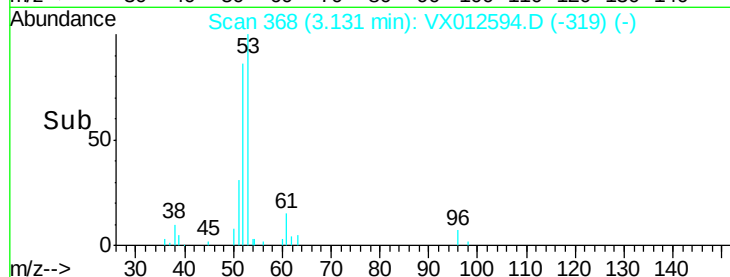
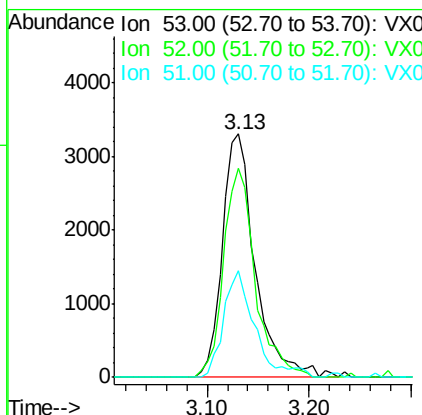
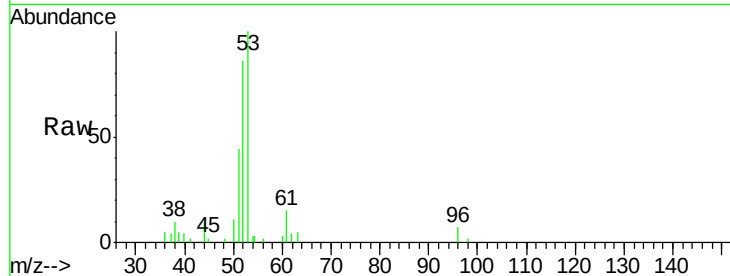
#15
 Acrylonitrile
 Concen: 5.684 ug/l
 RT: 3.13 min Scan# 368
 Delta R.T. 0.00 min
 Lab File: VX012594.D
 Acq: 23 Sep 2019 10:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
53	100		
52	83.1	66.1	99.1
51	41.3	29.2	43.8

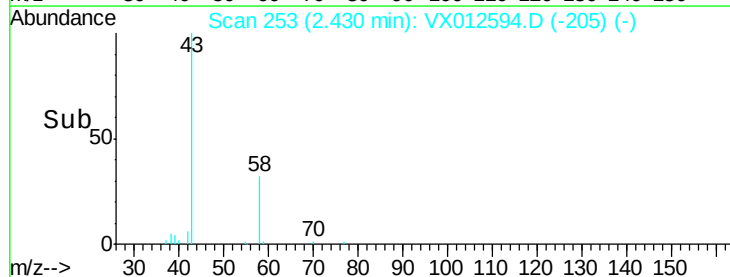
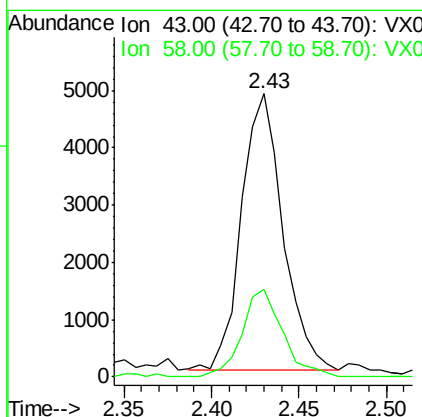
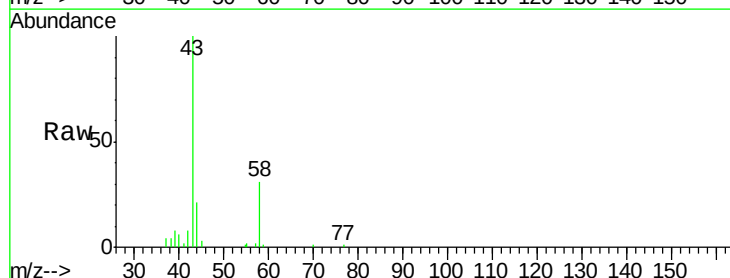
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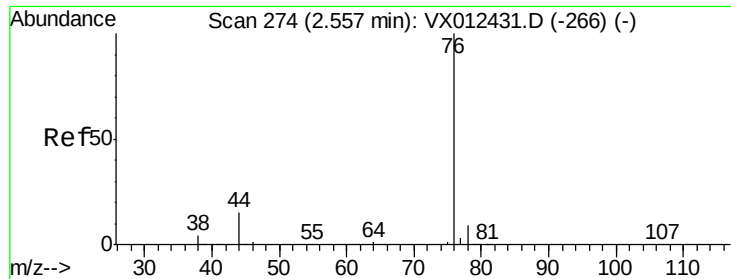
MMDadoda
 9/24/2019 10:07:37 AM



#16
 Acetone
 Concen: 5.267 ug/l
 RT: 2.43 min Scan# 253
 Delta R.T. -0.01 min
 Lab File: VX012594.D
 Acq: 23 Sep 2019 10:09

Tgt Ion	Ratio	Lower	Upper
43	100		
58	31.9	24.3	36.5





#17

Carbon Disulfide

Concen: 2.821 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX012594.D

Acq: 23 Sep 2019 10:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 76 Resp: 6430

Ion Ratio Lower Upper

76 100

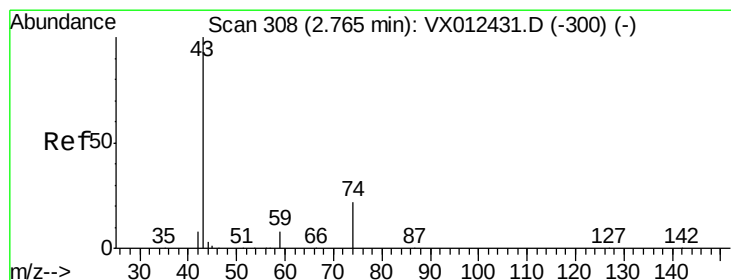
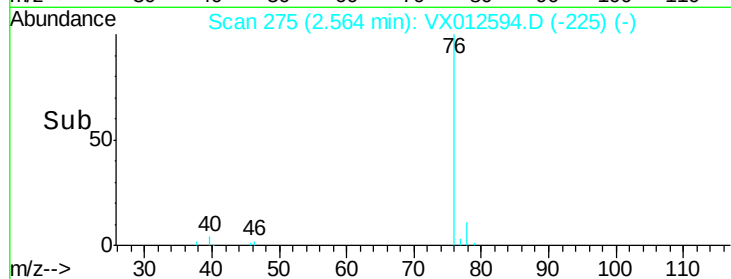
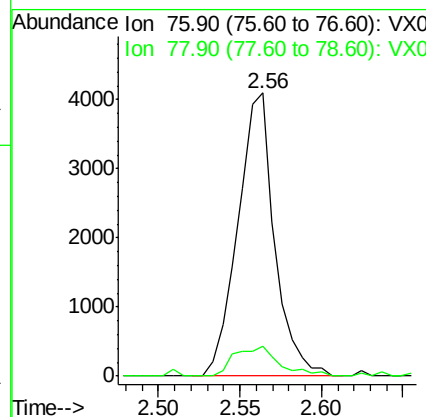
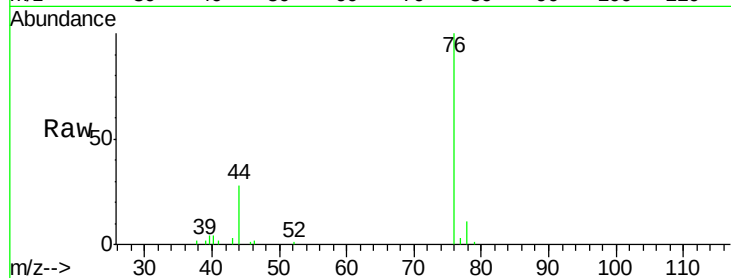
78 10.5 7.1 10.7

Manual Integrations

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#18

Methyl Acetate

Concen: 1.319 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX012594.D

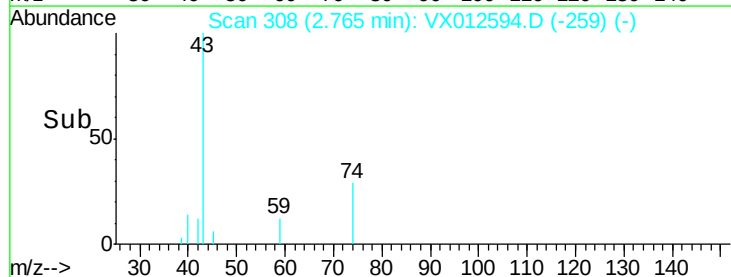
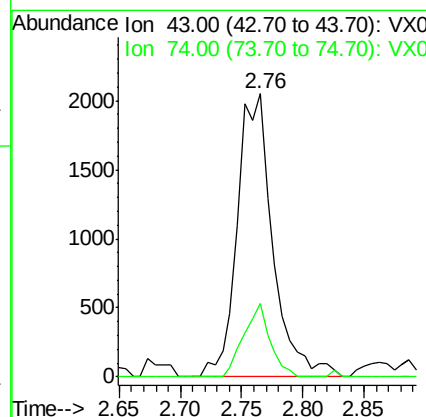
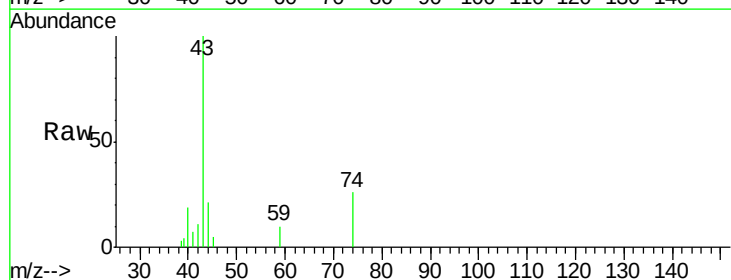
Acq: 23 Sep 2019 10:09

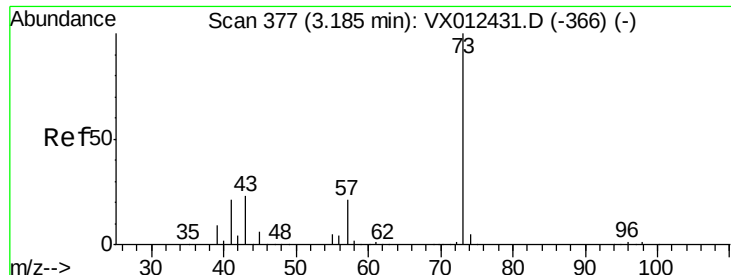
Tgt Ion: 43 Resp: 4121

Ion Ratio Lower Upper

43 100

74 19.1 18.6 27.8





#19

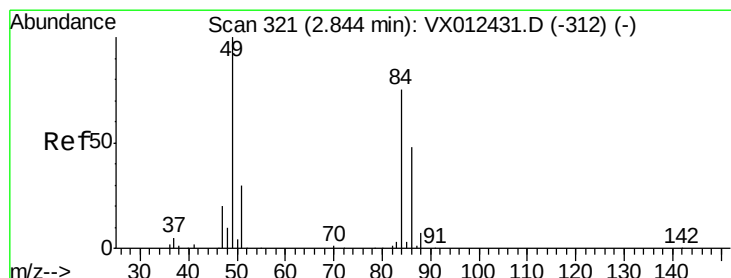
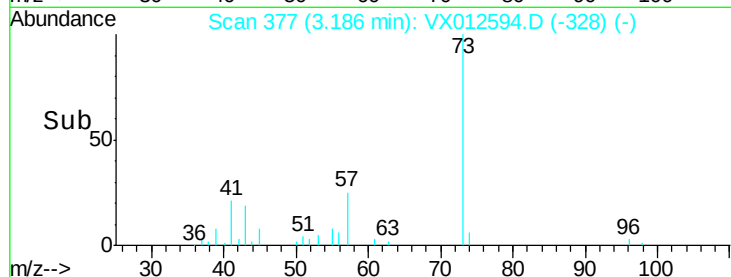
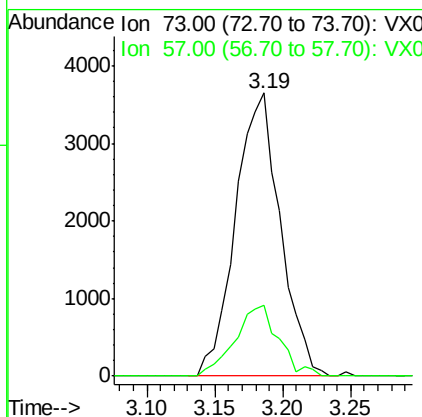
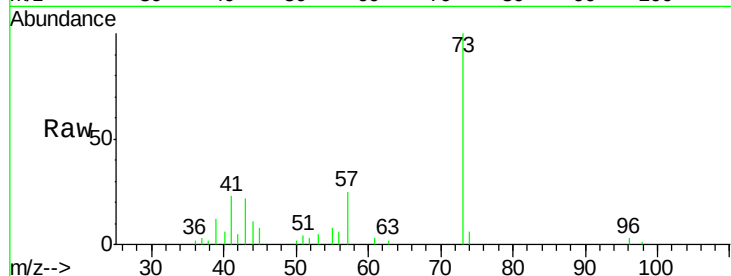
Methyl tert-butyl Ether
 Concen: 1.171 ug/l
 RT: 3.19 min Scan# 377
 Delta R.T. 0.00 min
 Lab File: VX012594.D
 Acq: 23 Sep 2019 10:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
73	100		
57	24.9	17.5	26.3

Manual Integrations
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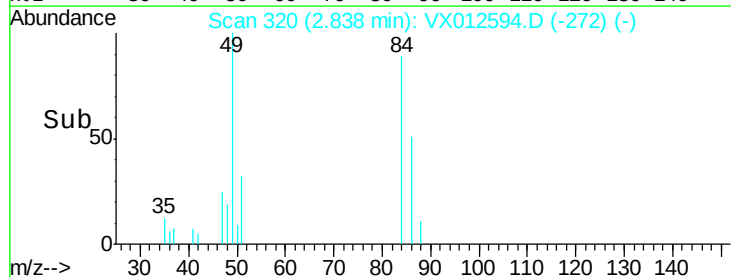
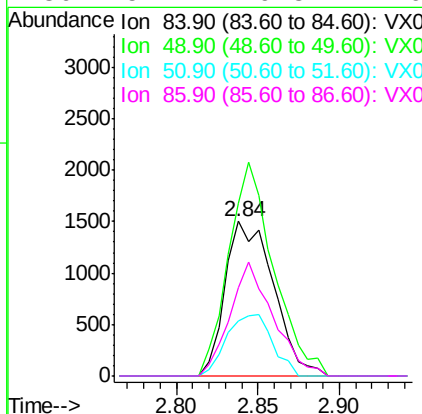
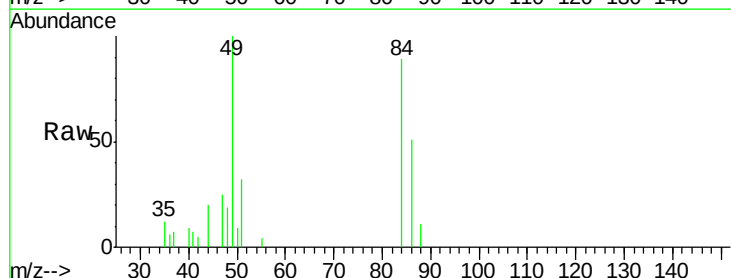
MMDadoda
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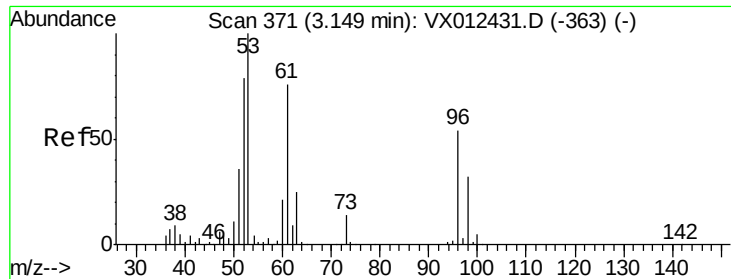


#20

Methylene Chloride
 Concen: 1.627 ug/l
 RT: 2.84 min Scan# 320
 Delta R.T. -0.01 min
 Lab File: VX012594.D
 Acq: 23 Sep 2019 10:09

Tgt Ion	Ratio	Lower	Upper
84	100		
49	112.0	99.3	148.9
51	35.8	30.4	45.6
86	57.4	49.8	74.6





#21

trans-1,2-Dichloroethene

Concen: 1.708 ug/l

RT: 3.15 min Scan# 371

Delta R.T. -0.01 min

Lab File: VX012594.D

Acq: 23 Sep 2019 10:09

Instrument :

MSVOA_X

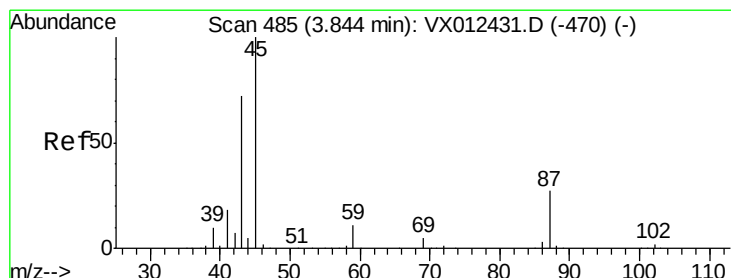
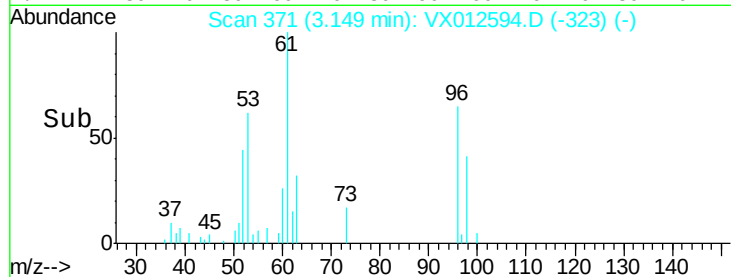
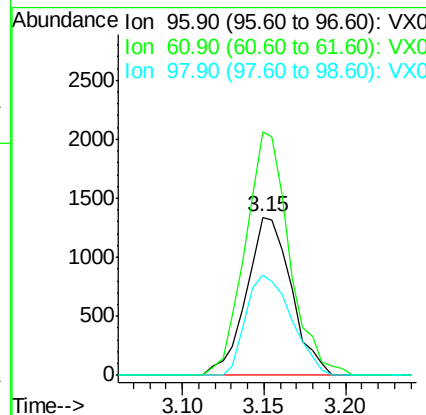
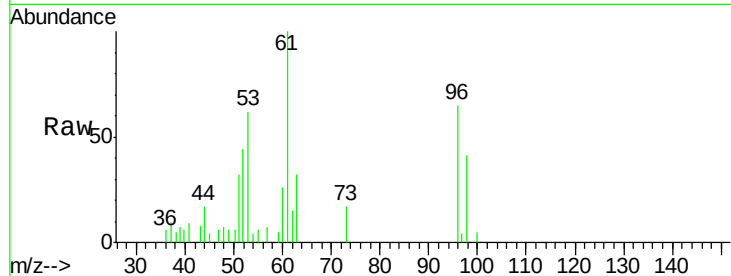
ClientSampled :

VSTDIC001

Tot Ion:	96	Resp:	2555
Ion	Ratio	Lower	Upper
96	100		
61	153.7	115.7	173.5
98	63.6	50.6	75.8

Manual Integrations
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#22

Diisopropyl ether

Concen: 1.240 ug/l

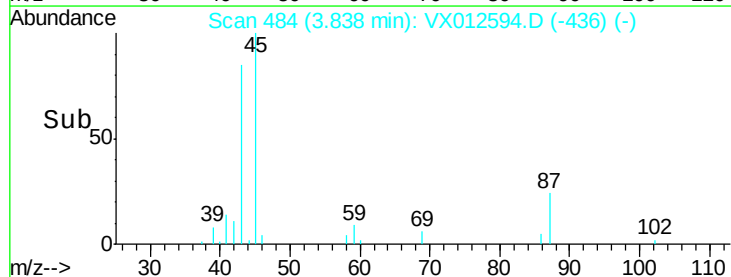
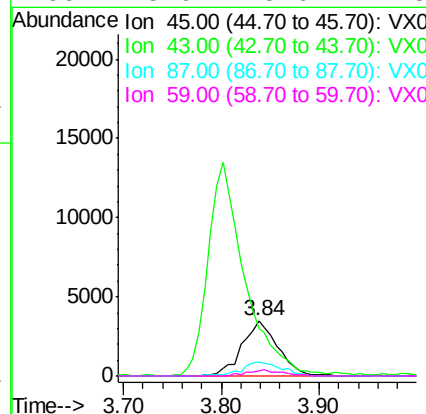
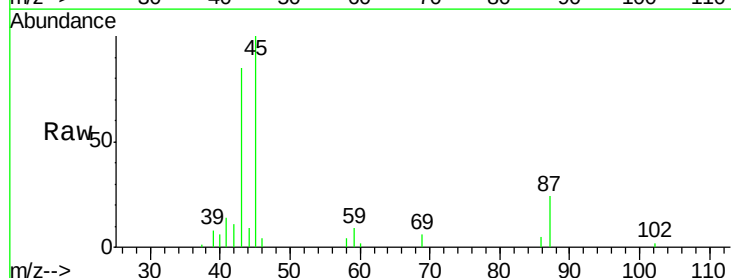
RT: 3.84 min Scan# 484

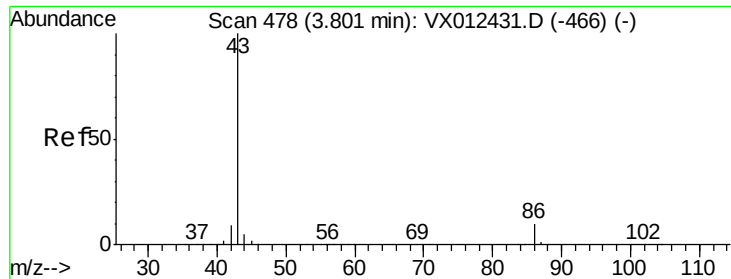
Delta R.T. -0.01 min

Lab File: VX012594.D

Acq: 23 Sep 2019 10:09

Tgt Ion:	45	Resp:	8914
Ion	Ratio	Lower	Upper
45	100		
43	79.6	60.8	91.2
87	24.4	21.9	32.9
59	8.9	8.6	12.8





#23

Vinyl Acetate

Concen: 5.903 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX012594.D

Acq: 23 Sep 2019 10:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 43 Resp: 35268

Ion Ratio Lower Upper

43 100

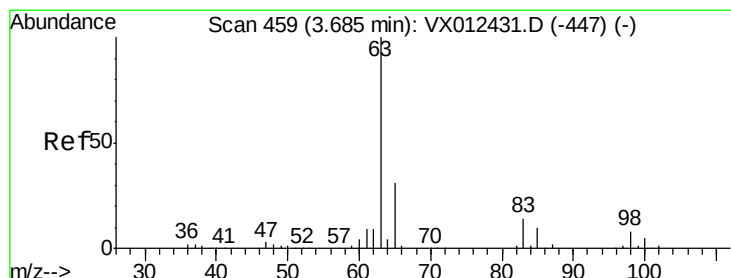
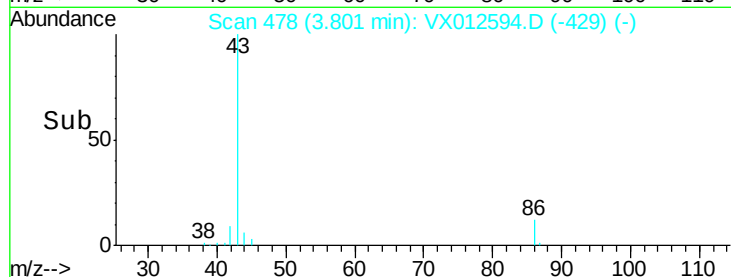
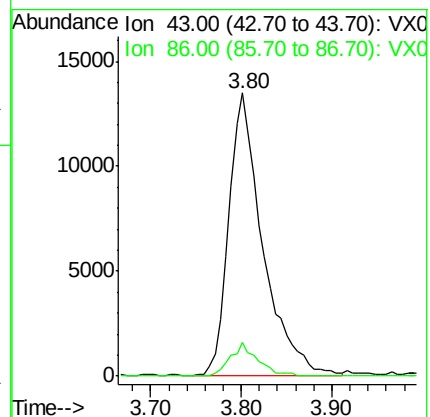
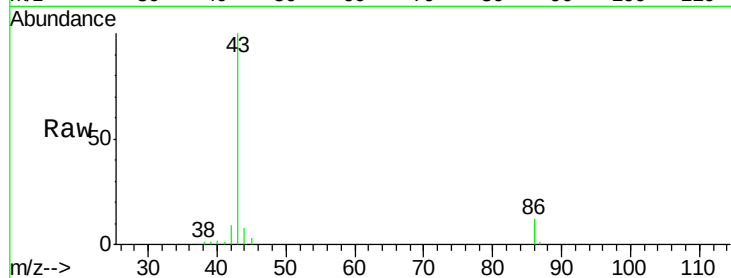
86 11.9 8.4 12.6

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 1.366 ug/l

RT: 3.68 min Scan# 458

Delta R.T. -0.01 min

Lab File: VX012594.D

Acq: 23 Sep 2019 10:09

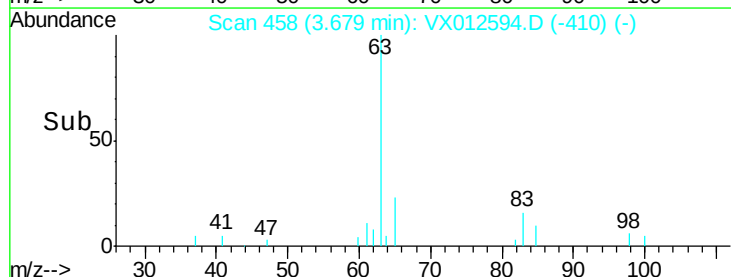
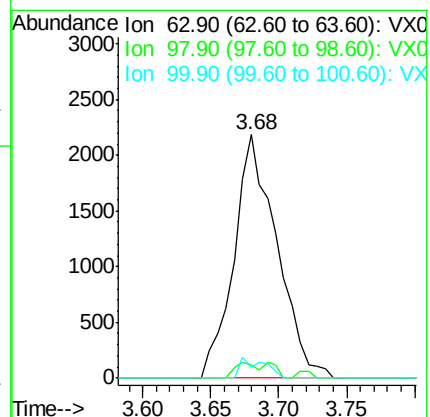
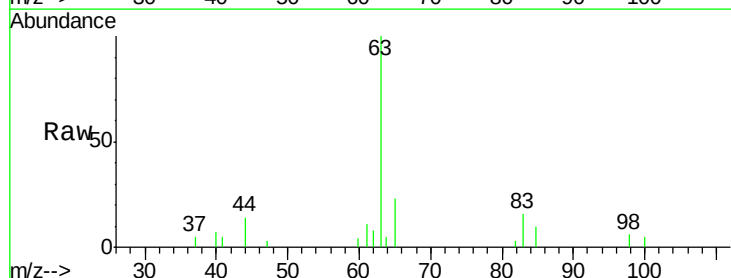
Tgt Ion: 63 Resp: 4807

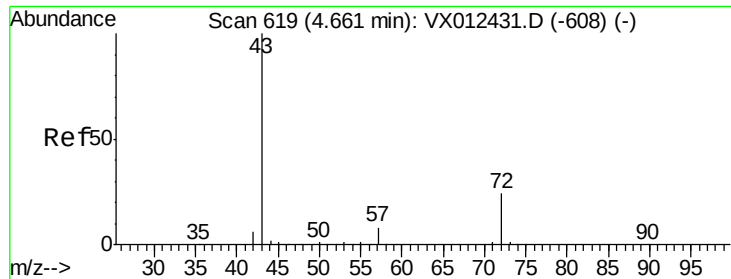
Ion Ratio Lower Upper

63 100

98 5.6 3.5 10.4

100 4.6 2.0 6.0





#25

2-Butanone

Concen: 5.415 ug/l

RT: 4.67 min Scan# 620

Delta R.T. 0.01 min

Lab File: VX012594.D

Acq: 23 Sep 2019 10:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 43 Resp: 11182

Ion Ratio Lower Upper

43 100

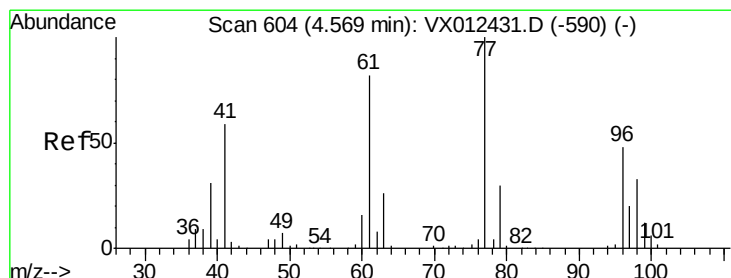
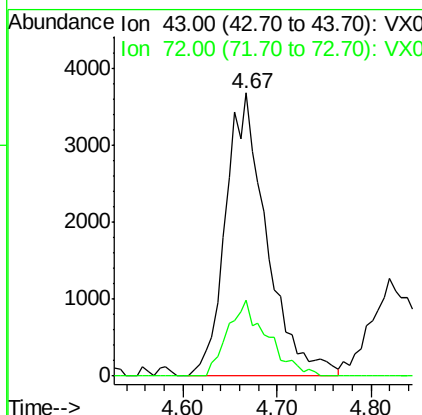
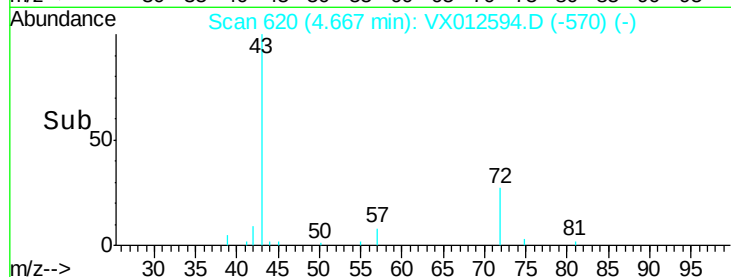
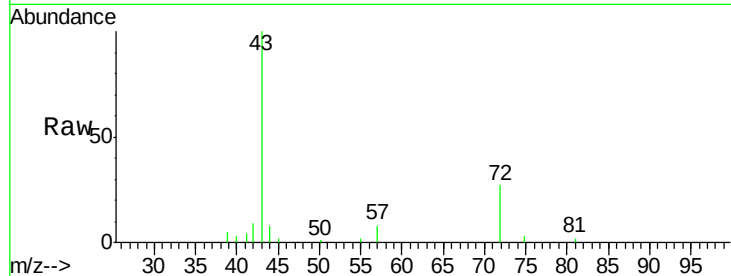
72 27.0 21.2 31.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 1.284 ug/l

RT: 4.56 min Scan# 602

Delta R.T. -0.02 min

Lab File: VX012594.D

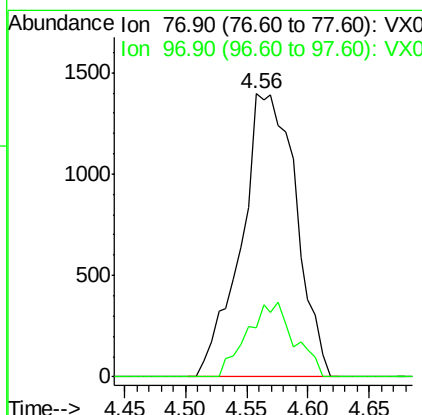
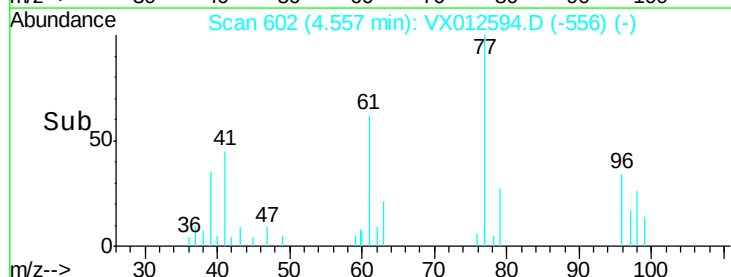
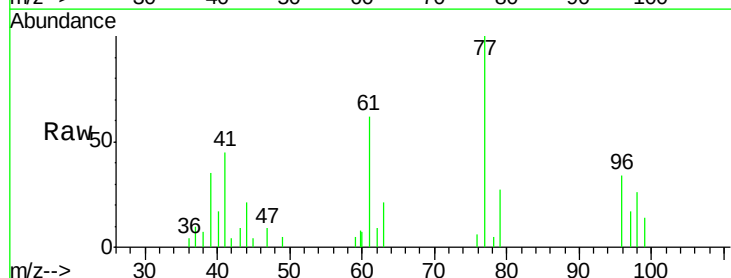
Acq: 23 Sep 2019 10:09

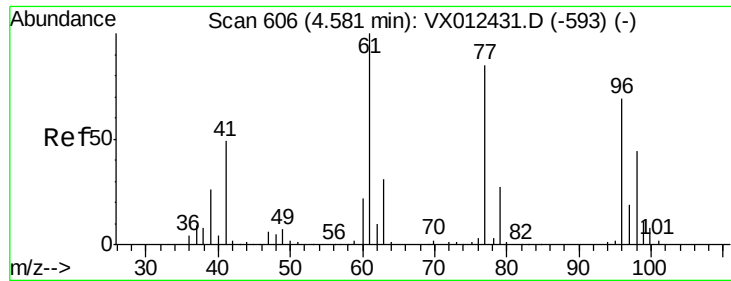
Tgt Ion: 77 Resp: 4364

Ion Ratio Lower Upper

77 100

97 22.6 10.9 32.9





#27

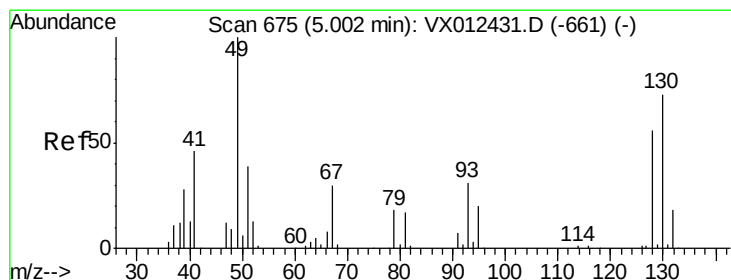
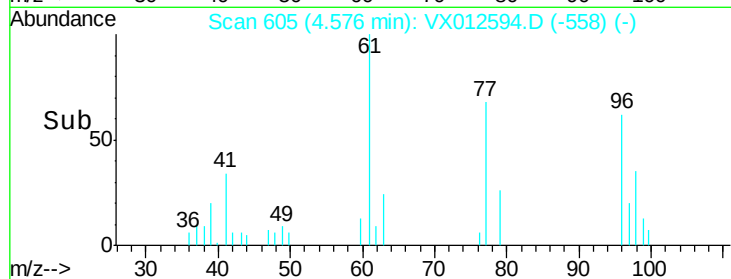
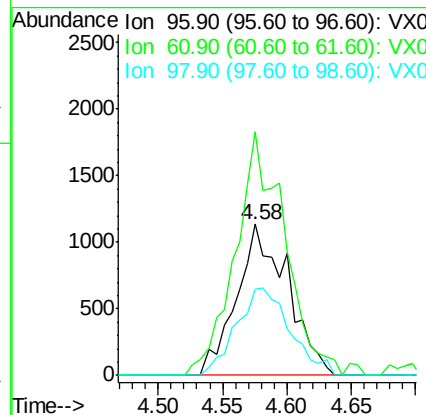
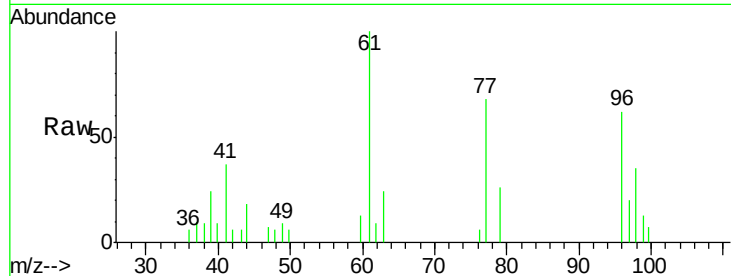
cis-1,2-Dichloroethene
Concen: 1.478 ug/l
RT: 4.58 min Scan# 605
Delta R.T. -0.01 min
Lab File: VX012594.D
Acq: 23 Sep 2019 10:09

Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
96	100		
61	156.4	0.0	303.8
98	60.8	0.0	127.6

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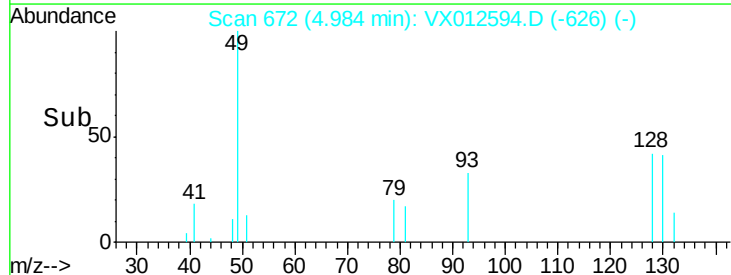
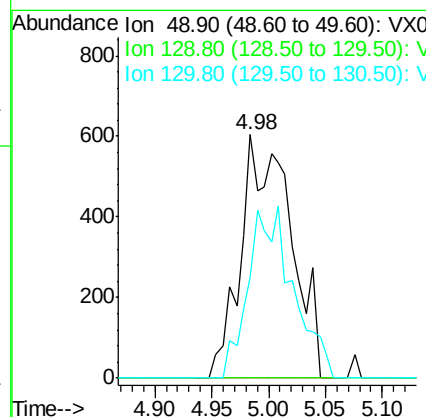
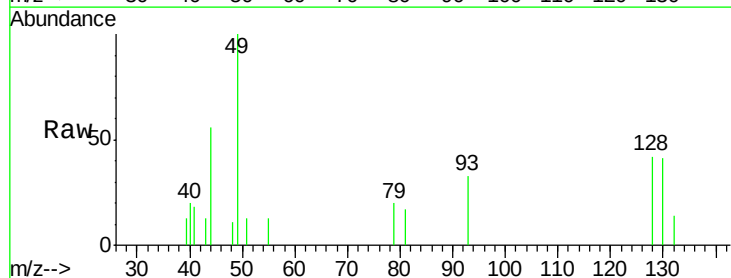
MMDadoda
9/24/2019 10:07:37 AM

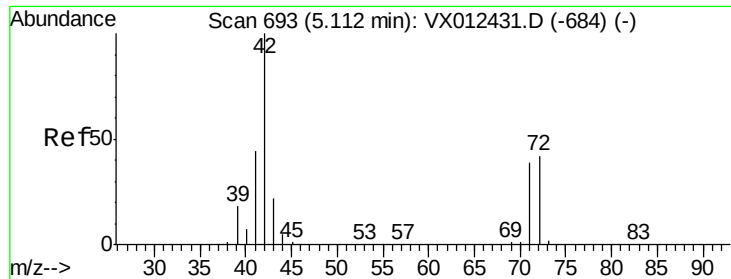


#28

Bromochloromethane
Concen: 1.067 ug/l m
RT: 4.98 min Scan# 672
Delta R.T. -0.02 min
Lab File: VX012594.D
Acq: 23 Sep 2019 10:09

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.0
130	0.0	57.0	85.6#





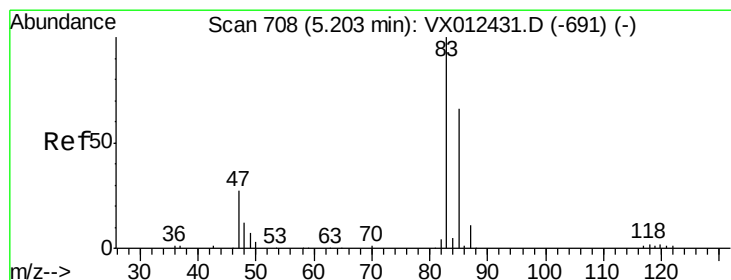
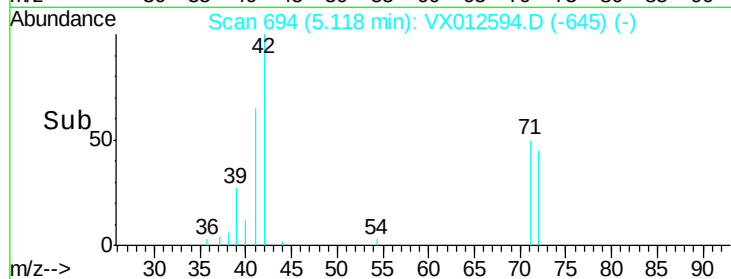
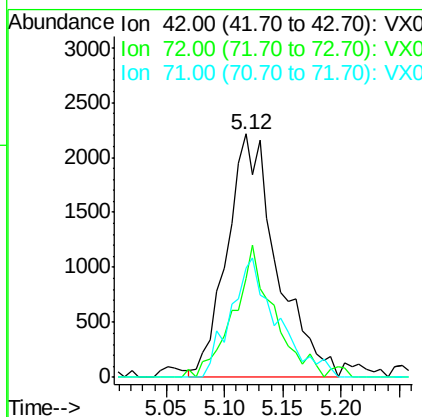
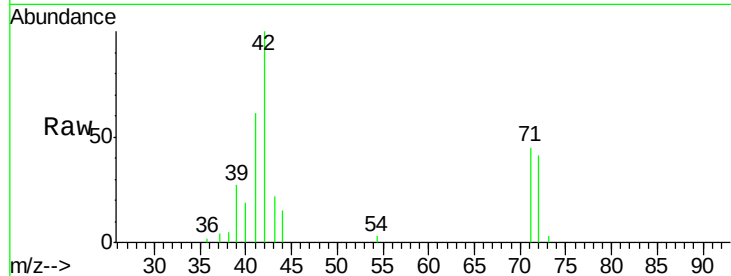
#29
Tetrahydrofuran
Concen: 5.703 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.00 min
Lab File: VX012594.D
Acq: 23 Sep 2019 10:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.7	34.6	51.8
71	45.5	32.6	48.8

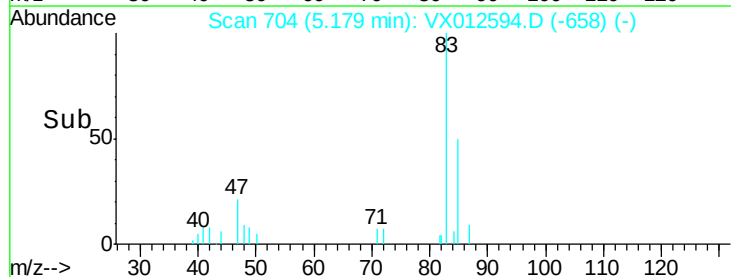
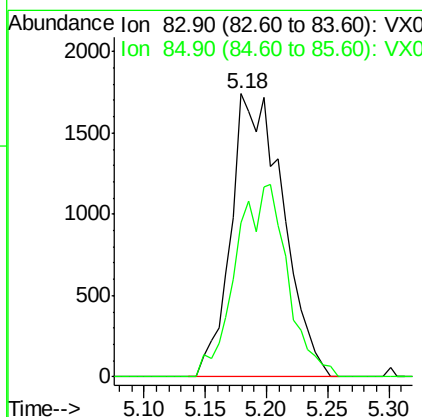
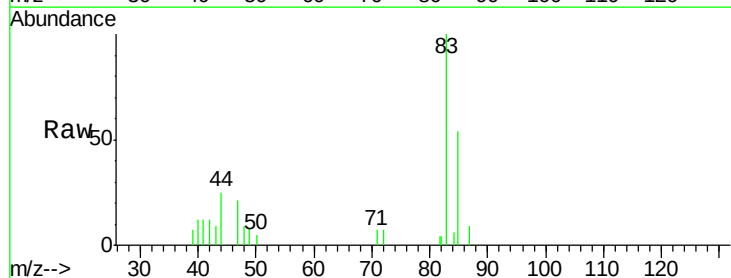
Manual Integrations
APPROVED

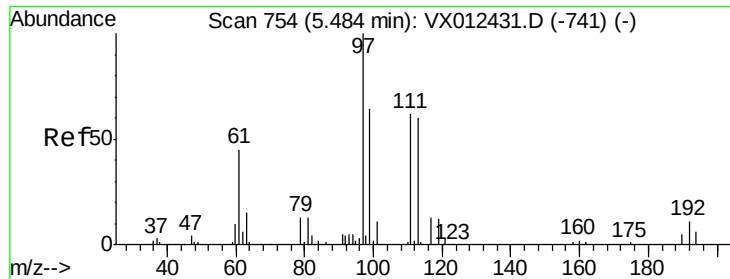
MMDadoda
9/24/2019 10:07:37 AM



#30
Chloroform
Concen: 1.297 ug/l
RT: 5.18 min Scan# 704
Delta R.T. -0.02 min
Lab File: VX012594.D
Acq: 23 Sep 2019 10:09

Tgt Ion	Ratio	Lower	Upper
83	100		
85	54.5	52.6	78.8





#32

1,1,1-Trichloroethane

Concen: 1.267 ug/l

RT: 5.47 min Scan# 752

Delta R.T. -0.01 min

Lab File: VX012594.D

Acq: 23 Sep 2019 10:09

Instrument :

MSVOA_X

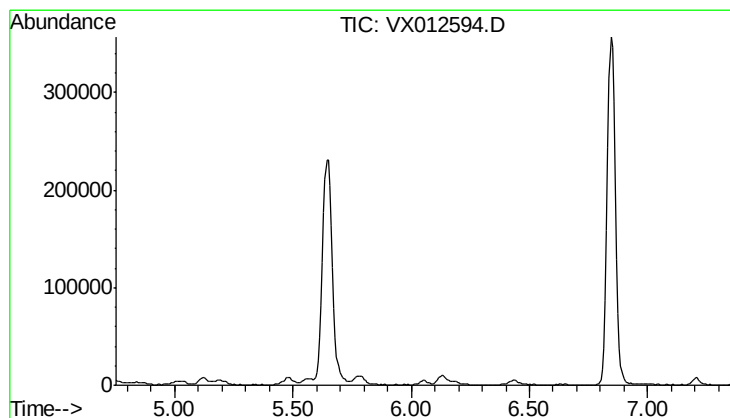
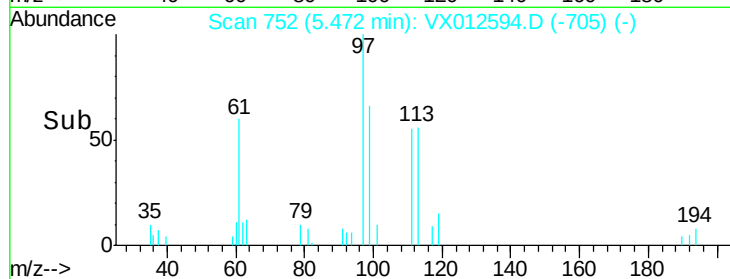
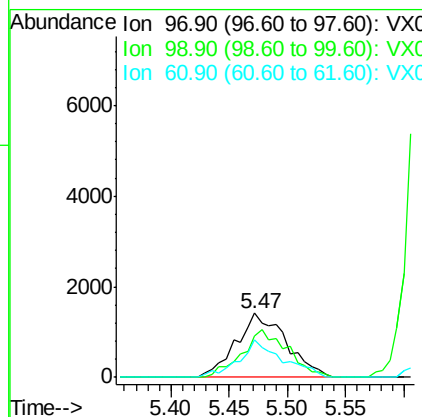
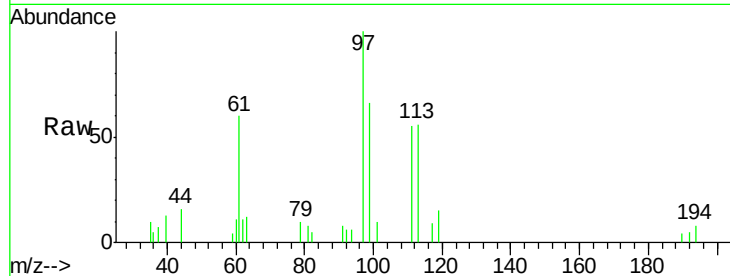
ClientSampleId :

VSTDIC001

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		4233		
99	0.0	51.3	76.9#		
61	50.7	35.5	53.3		

Manual Integrations
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9/24/2019 10:07:37 AM



#33

1,2-Dichloroethane-d4

Concen: 0.000 ug/l

Expected RT: 6.05 min

Lab File: VX012594.D

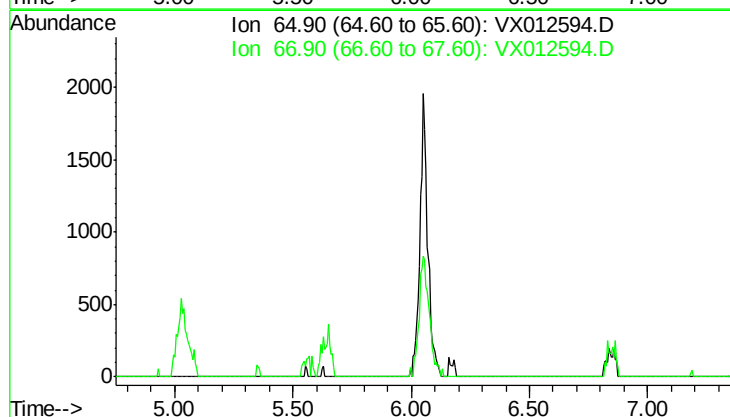
Acq: 23 Sep 2019 10:09

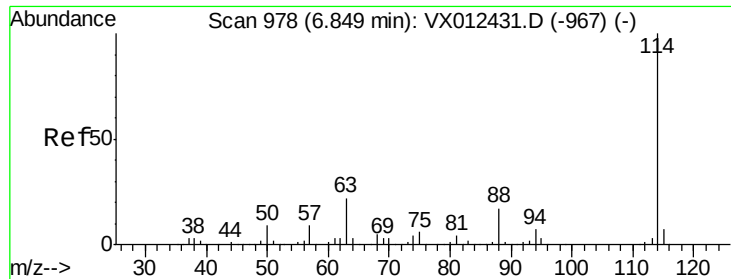
Tgt Ion: 65

Sig Exp Ratio

65 100

67 51.5





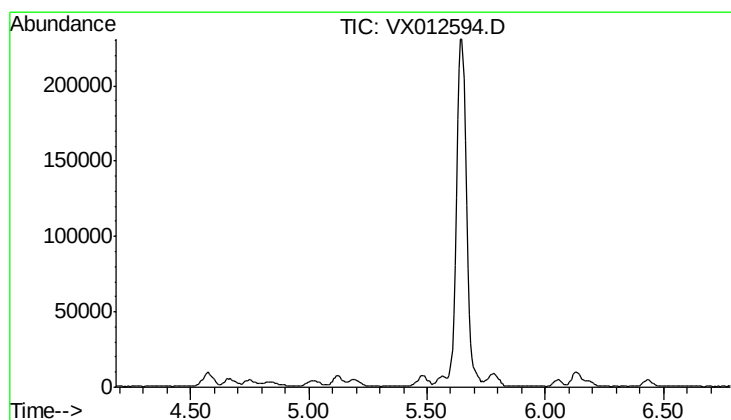
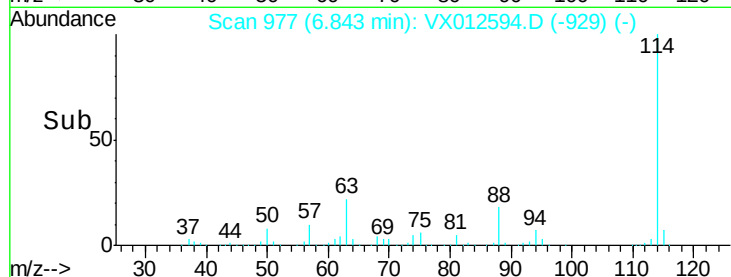
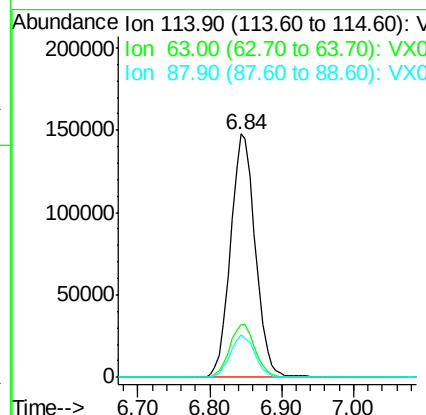
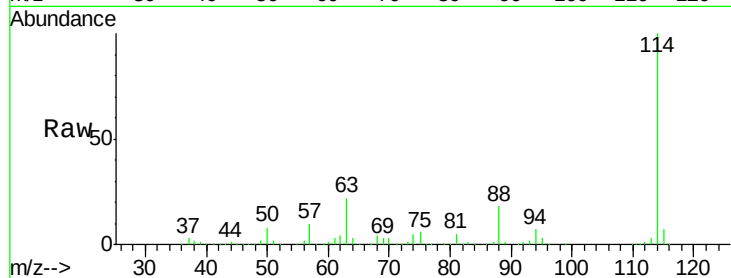
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: VX012594.D
 Acq: 23 Sep 2019 10:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ion	Ratio	Resp Lower	Upper
114	100			
63	21.8	0.0	44.4	
88	17.5	0.0	33.2	

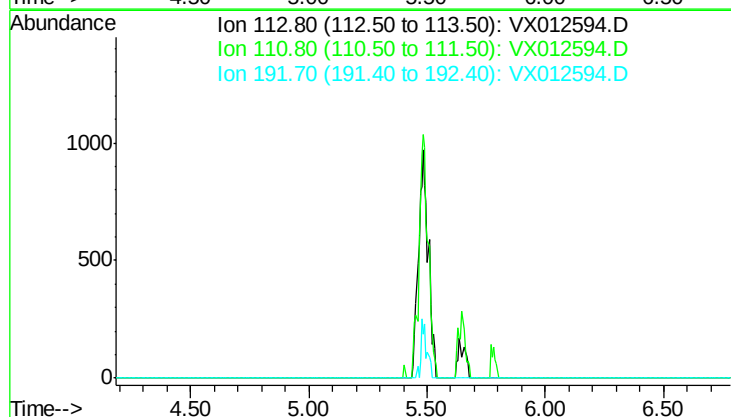
Manual Integrations
 APPROVED

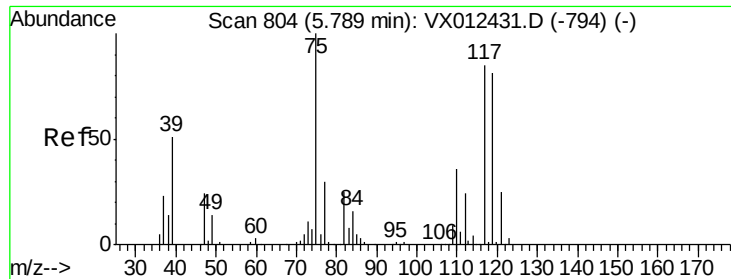
MMDadoda
 9/24/2019 10:07:37 AM



#35
 Dibromofluoromethane
 Concen: 0.000 ug/l
 Expected RT: 5.48 min
 Lab File: VX012594.D
 Acq: 23 Sep 2019 10:09

Tgt Ion	Sig	Exp Ratio
113	100	
111	102.2	
192	18.1	





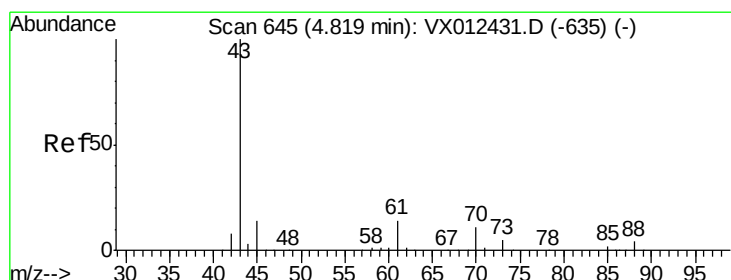
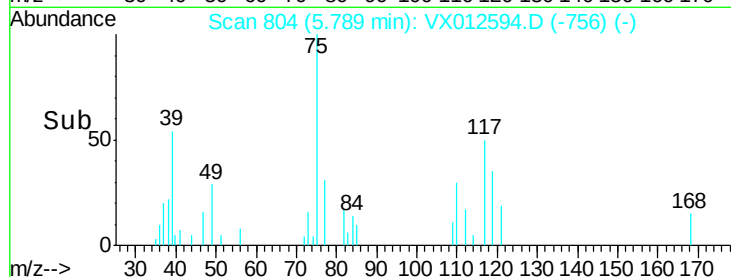
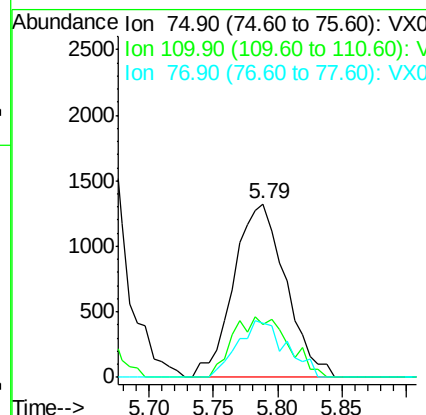
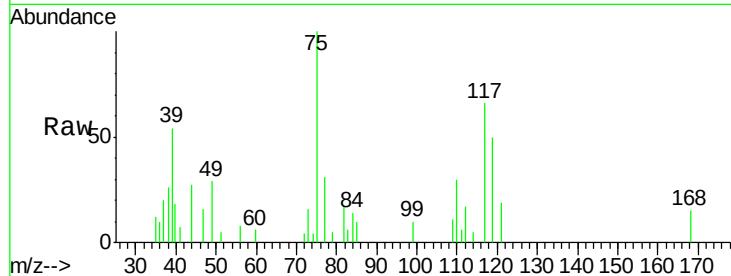
#36
 1,1-Dichloropropene
 Concen: 1.615 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX012594.D
 Acq: 23 Sep 2019 10:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
75	100		
110	37.1	17.6	52.8
77	30.4	25.1	37.7

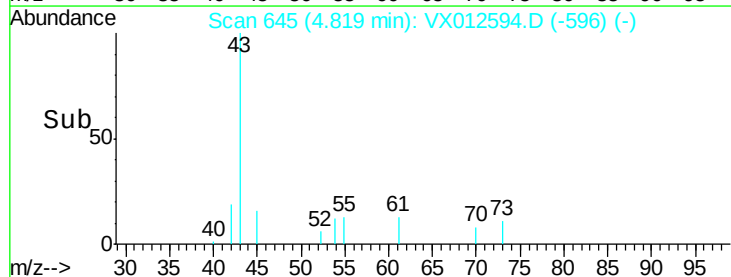
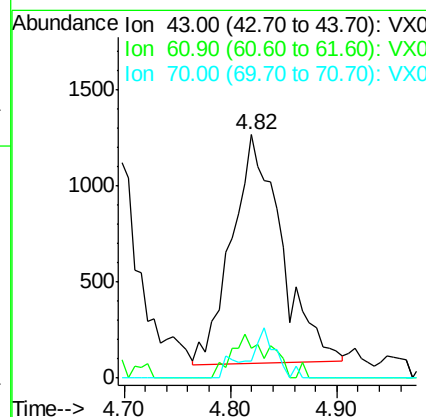
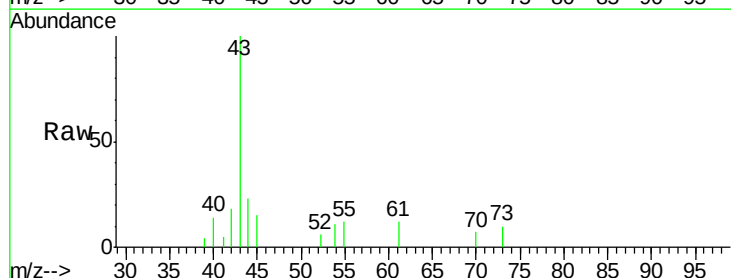
Manual Integrations
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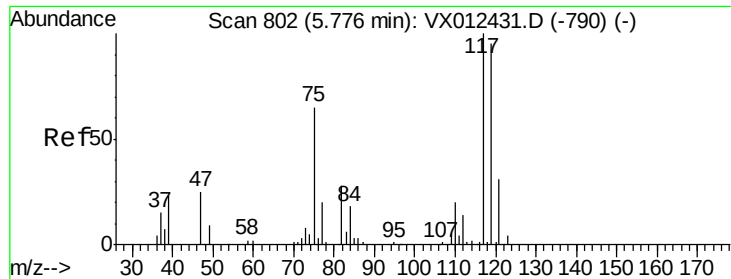
MMDadoda
 9/24/2019 10:07:37 AM



#37
 Ethyl Acetate
 Concen: 1.166 ug/l
 RT: 4.82 min Scan# 645
 Delta R.T. 0.00 min
 Lab File: VX012594.D
 Acq: 23 Sep 2019 10:09

Tgt Ion	Ratio	Lower	Upper
43	100		
61	10.5	10.8	16.2#
70	9.7	9.0	13.6





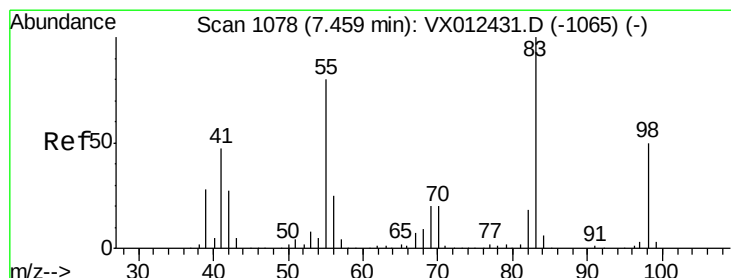
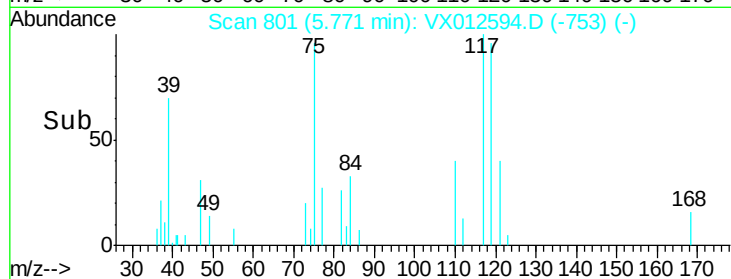
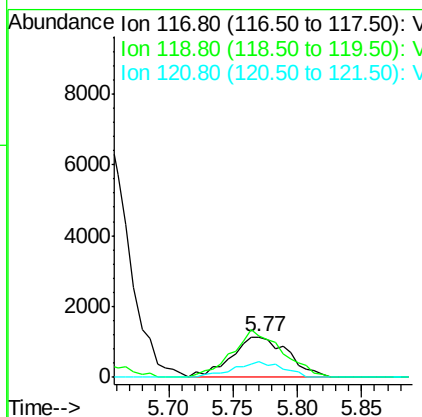
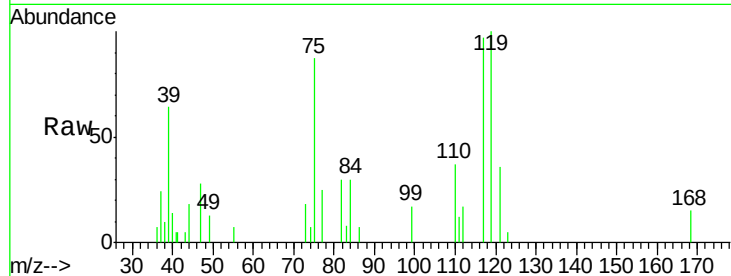
#38
Carbon Tetrachloride
Concen: 1.263 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX012594.D
Acq: 23 Sep 2019 10:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
117	100		
119	103.0	77.1	115.7
121	37.4	23.7	35.5#

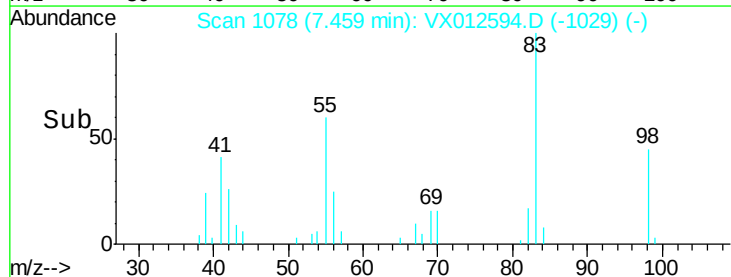
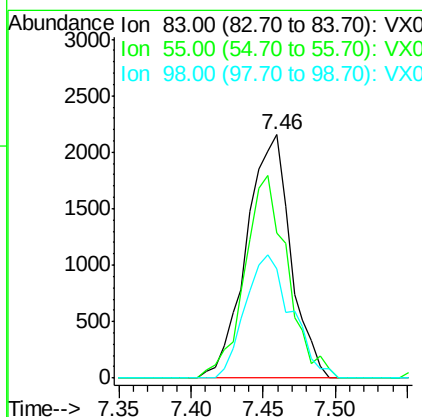
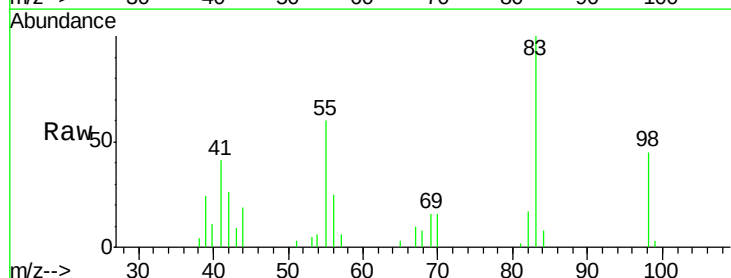
Manual Integrations
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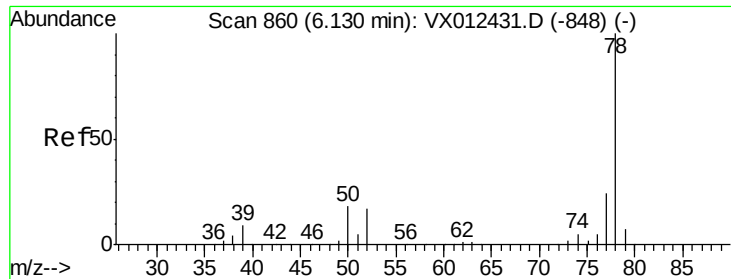
MMDadoda
9/24/2019 10:07:37 AM



#39
Methylcyclohexane
Concen: 1.948 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX012594.D
Acq: 23 Sep 2019 10:09

Tgt Ion	Ratio	Lower	Upper
83	100		
55	59.5	65.6	98.4#
98	45.0	39.4	59.0





#40

Benzene

Concen: 1.493 ug/l

RT: 6.13 min Scan# 860

Delta R.T. -0.01 min

Lab File: VX012594.D

Acq: 23 Sep 2019 10:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 78 Resp: 10825

Ion Ratio Lower Upper

78 100

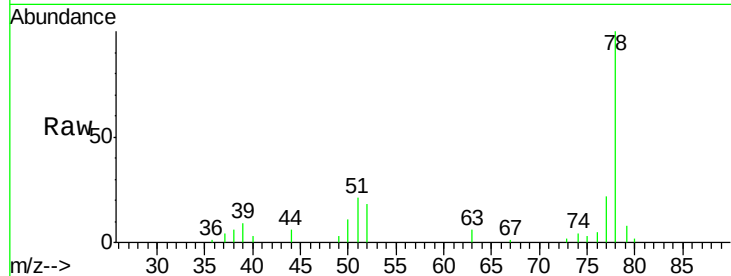
77 22.0 19.0 28.6

Manual Integrations

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MMDadoda

9/24/2019 10:07:37 AM



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

6.13

5000

4000

3000

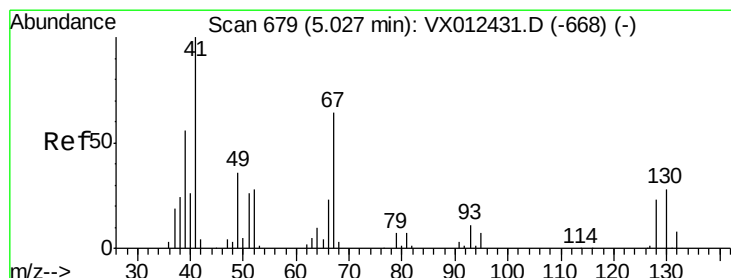
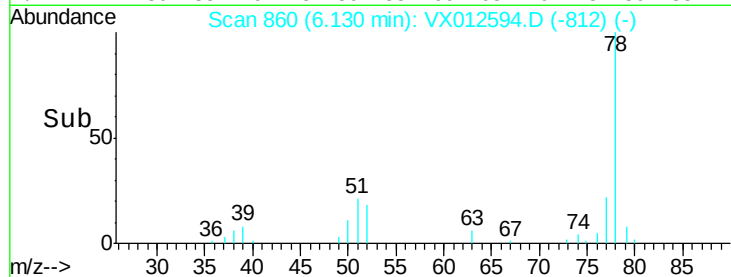
2000

1000

0

6.10 6.20

Time-->



#41

Methacrylonitrile

Concen: 1.150 ug/l

RT: 5.03 min Scan# 679

Delta R.T. 0.00 min

Lab File: VX012594.D

Acq: 23 Sep 2019 10:09

Tgt Ion: 41 Resp: 2443

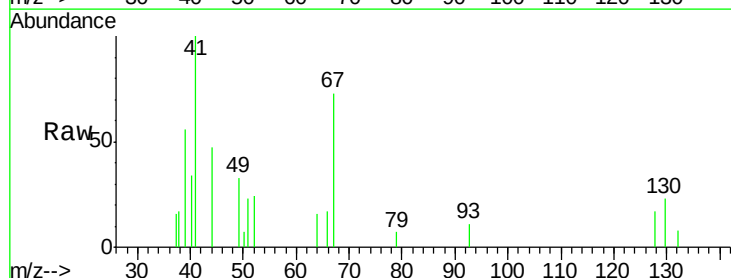
Ion Ratio Lower Upper

41 100

39 59.1 44.2 66.4

67 67.5 55.2 82.8

52 27.7 22.9 34.3



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

2000

1500

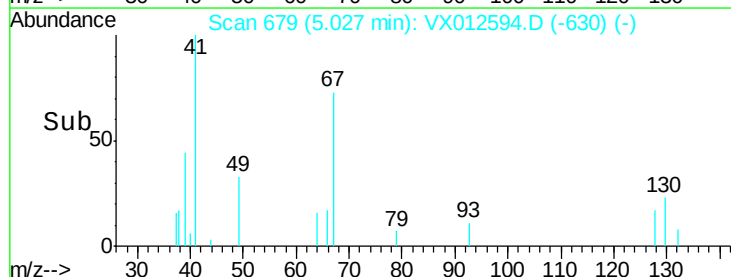
1000

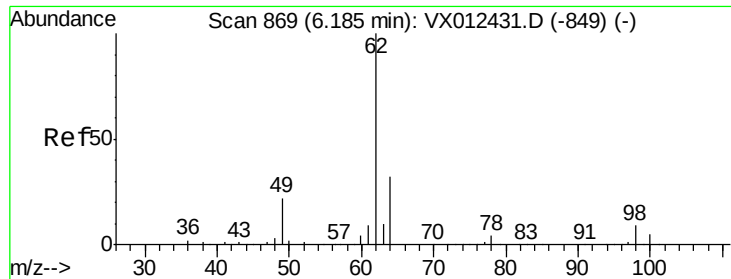
500

0

4.95 5.00 5.05 5.10

Time-->





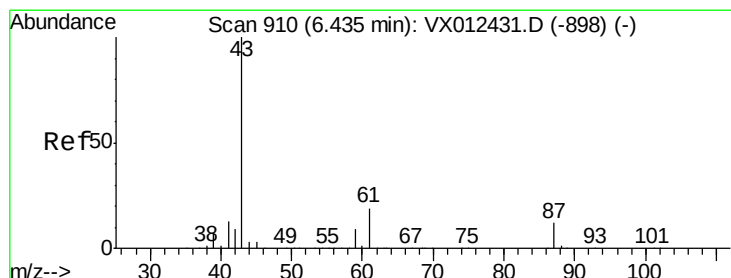
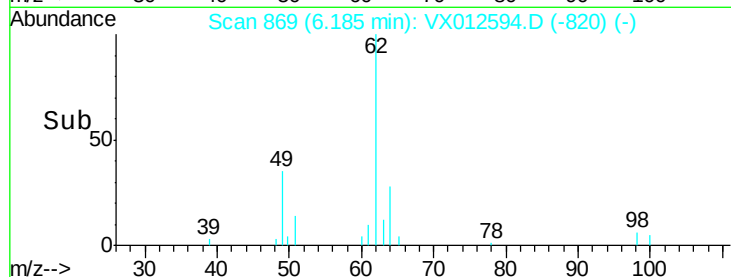
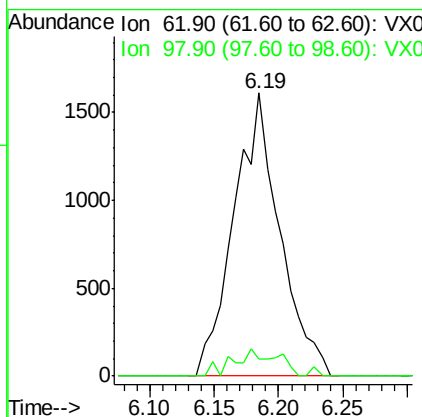
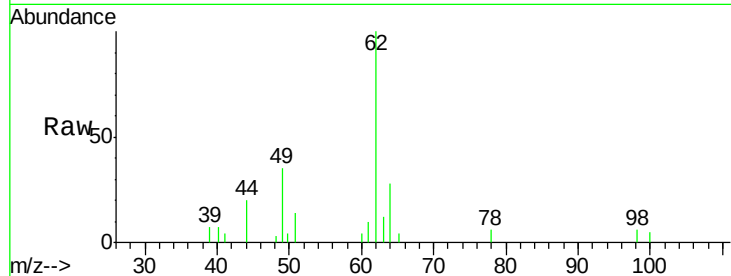
#42
 1,2-Dichloroethane
 Concen: 1.231 ug/l
 RT: 6.19 min Scan# 869
 Delta R.T. 0.00 min
 Lab File: VX012594.D
 Acq: 23 Sep 2019 10:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
62	100		
98	6.4	0.0	18.4

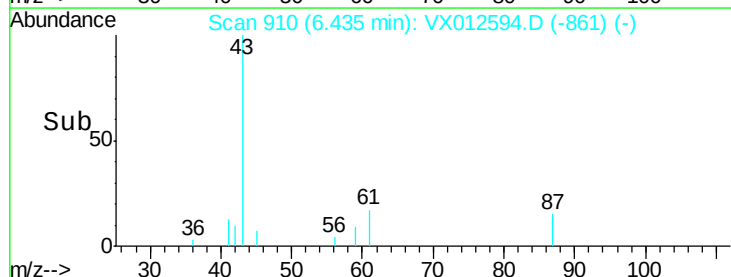
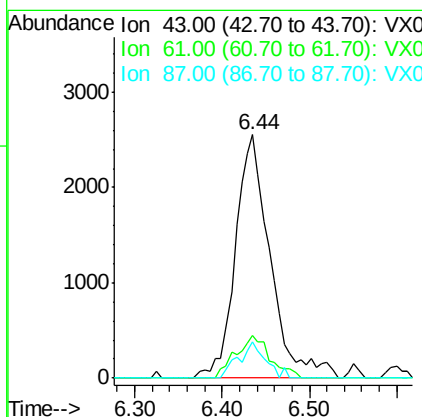
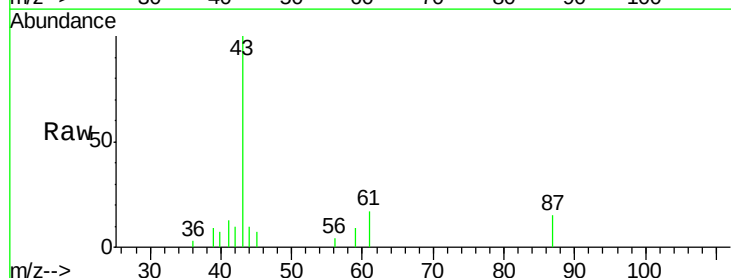
Manual Integrations
 APPROVED

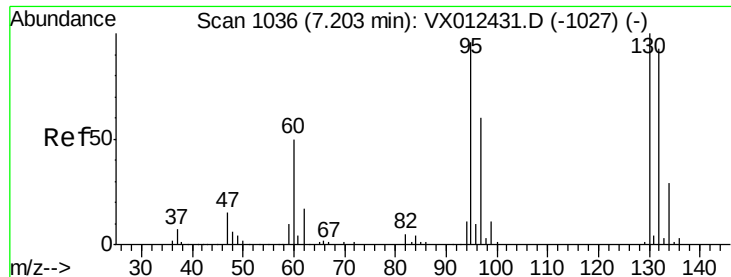
MMDadoda
 9/24/2019 10:07:37 AM



#43
 Isopropyl Acetate
 Concen: 1.189 ug/l
 RT: 6.44 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX012594.D
 Acq: 23 Sep 2019 10:09

Tgt Ion	Ratio	Lower	Upper
43	100		
61	16.9	15.8	23.8
87	11.4	10.2	15.4





#44

Trichloroethene

Concen: 1.450 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX012594.D

Acq: 23 Sep 2019 10:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:130 Resp: 2733

Ion Ratio Lower Upper

130 100

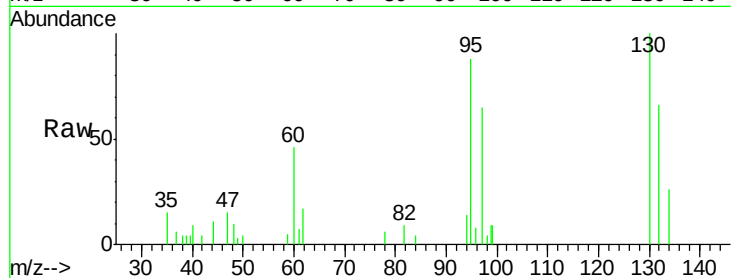
95 88.2 0.0 204.8

Manual Integrations

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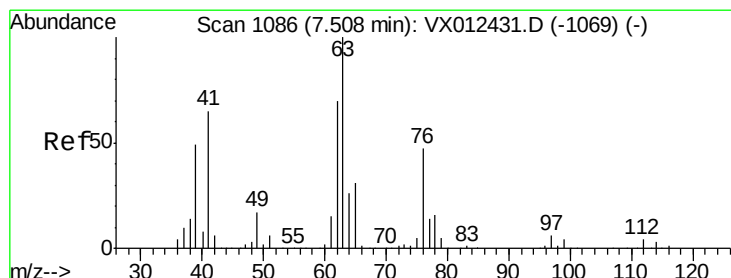
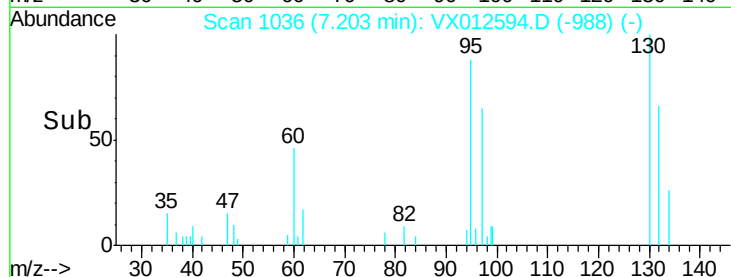
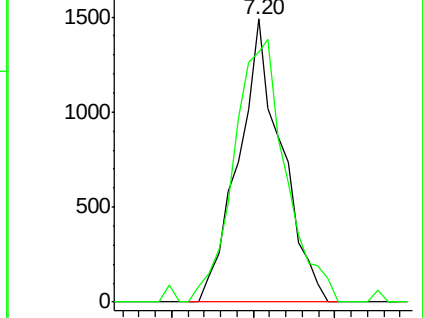
MMDadoda

9/24/2019 10:07:37 AM



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#45

1,2-Dichloropropane

Concen: 1.252 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX012594.D

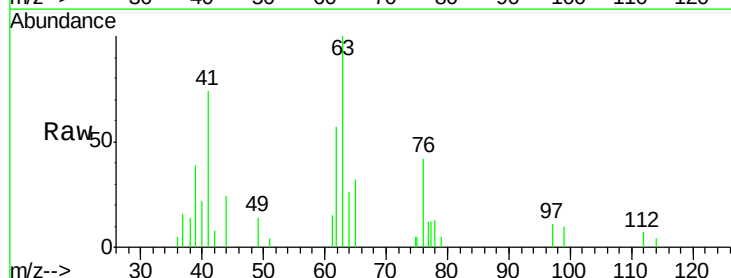
Acq: 23 Sep 2019 10:09

Tgt Ion: 63 Resp: 2696

Ion Ratio Lower Upper

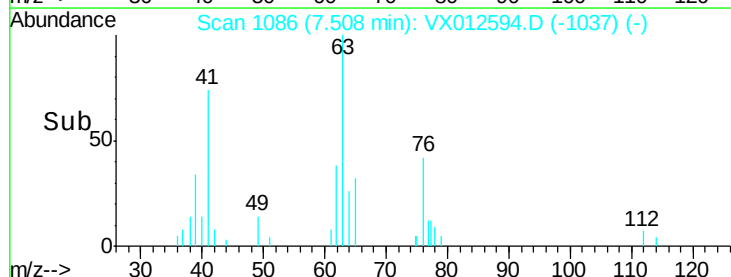
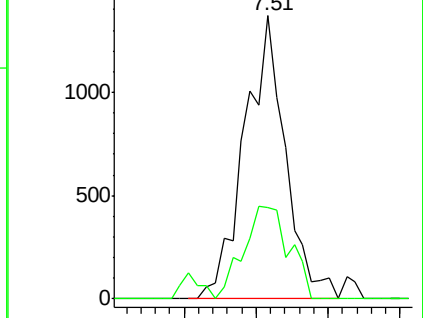
63 100

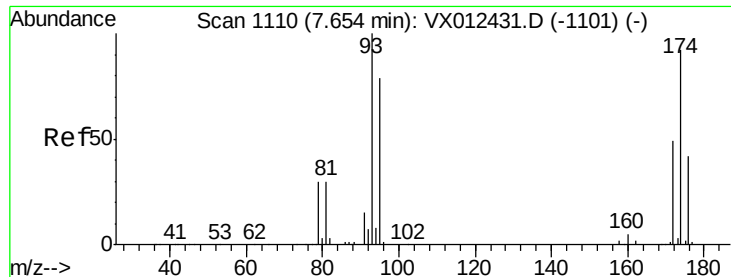
65 32.4 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0





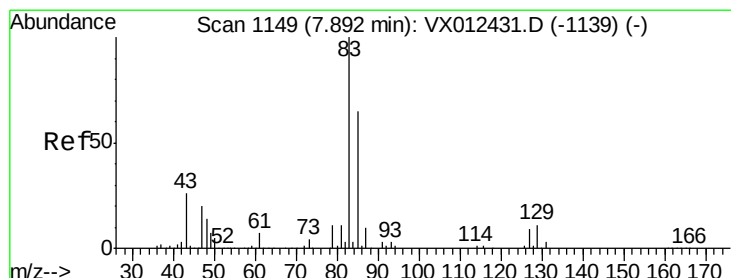
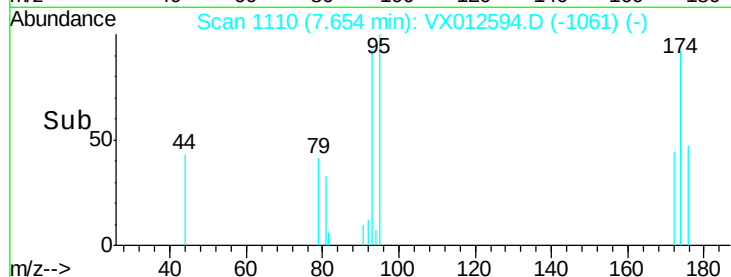
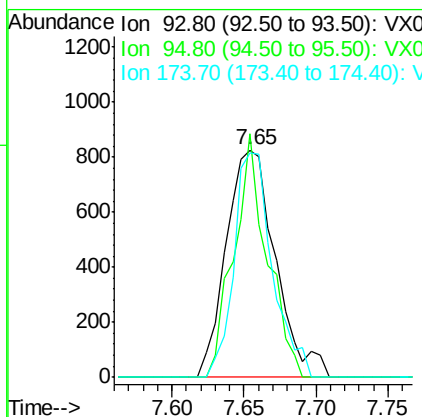
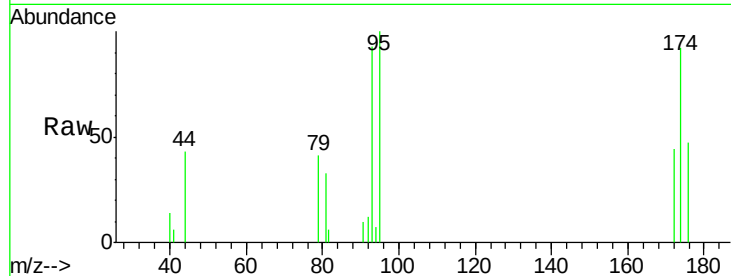
#46
Dibromomethane
Concen: 1.398 ug/l
RT: 7.65 min Scan# 1110
Delta R.T. 0.00 min
Lab File: VX012594.D
Acq: 23 Sep 2019 10:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
93	100		
95	72.3	65.4	98.0
174	77.3	72.0	108.0

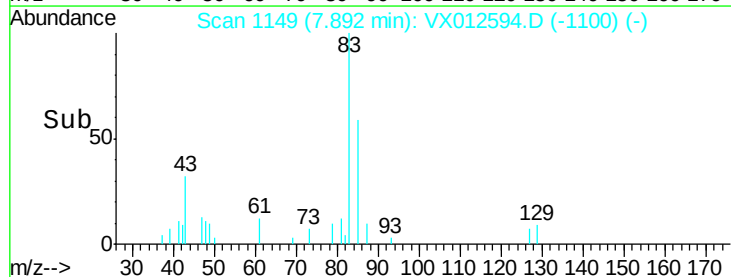
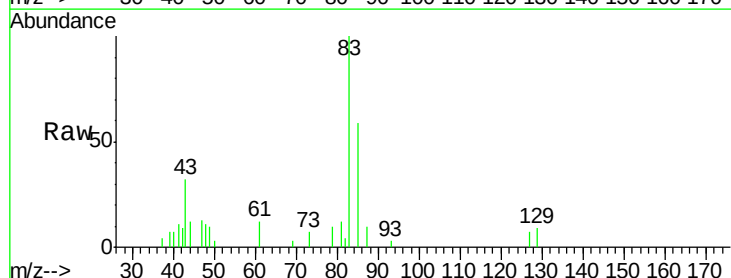
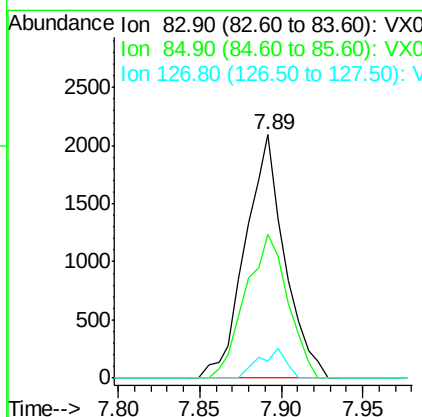
Manual Integrations
APPROVED

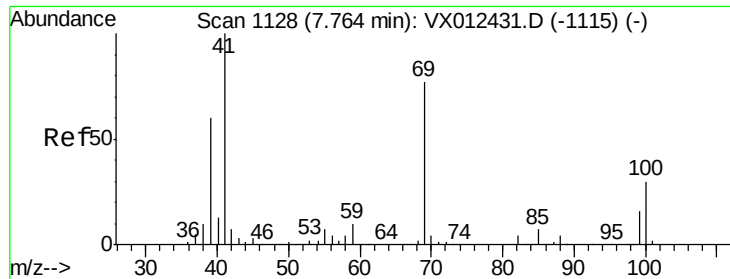
MMDadoda
9/24/2019 10:07:37 AM



#47
Bromodichloromethane
Concen: 1.146 ug/l
RT: 7.89 min Scan# 1149
Delta R.T. 0.00 min
Lab File: VX012594.D
Acq: 23 Sep 2019 10:09

Tgt Ion	Ratio	Lower	Upper
83	100		
85	59.2	51.8	77.6
127	7.0	6.2	9.4





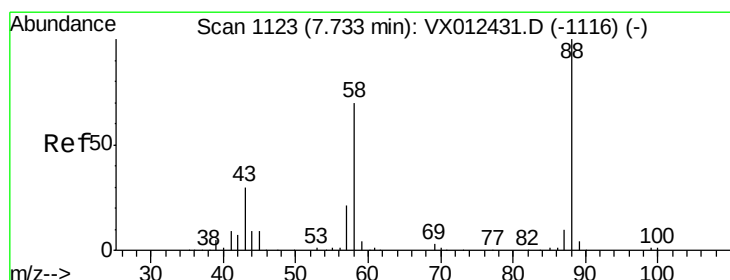
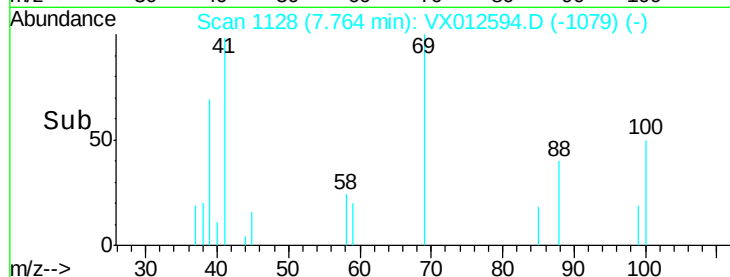
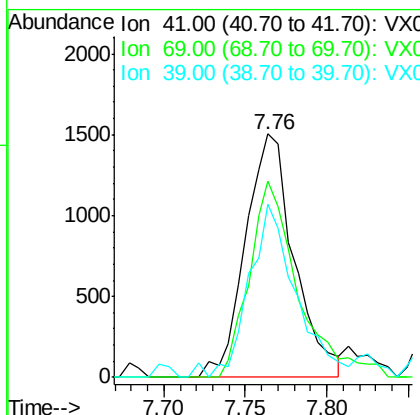
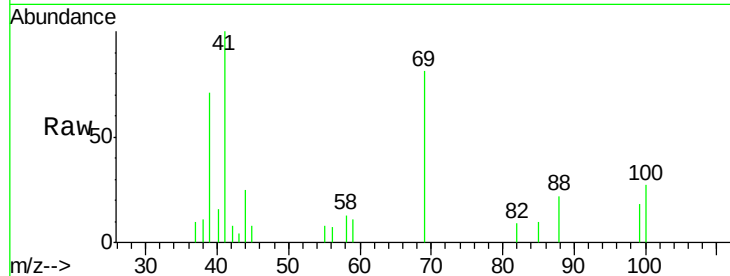
#48
Methvl methacrylate
Concen: 1.110 ug/l
RT: 7.76 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX012594.D
Acq: 23 Sep 2019 10:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Resp	Lower	Upper
41	100	3131		
69	80.6	62.6	93.8	
39	67.4	44.4	66.6	

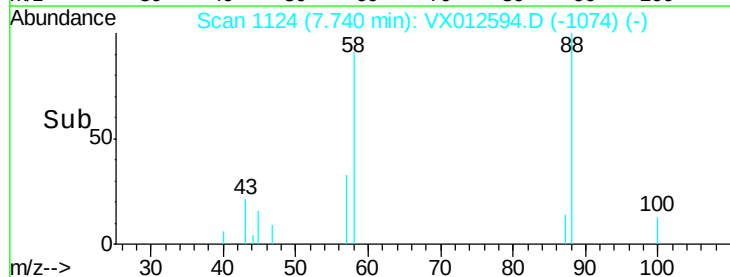
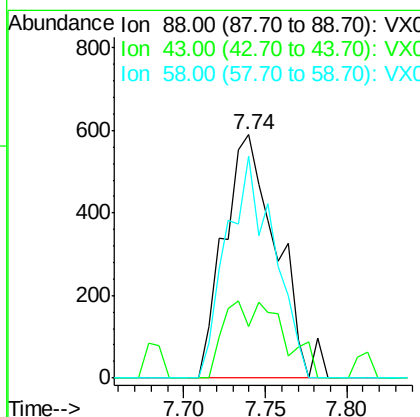
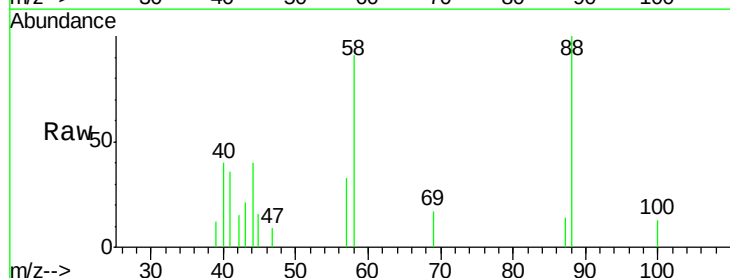
Manual Integrations
APPROVED

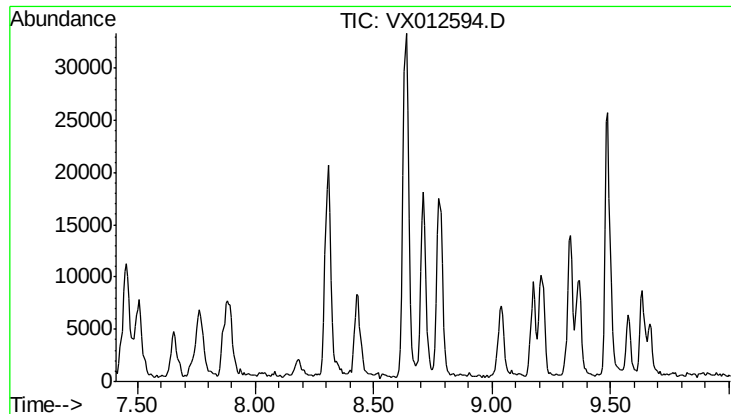
MMDadoda
9/24/2019 10:07:37 AM



#49
1,4-Dioxane
Concen: 19.210 ug/l
RT: 7.74 min Scan# 1124
Delta R.T. 0.01 min
Lab File: VX012594.D
Acq: 23 Sep 2019 10:09

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	1315		
43	16.1	27.6	41.4	
58	82.4	57.1	85.7	





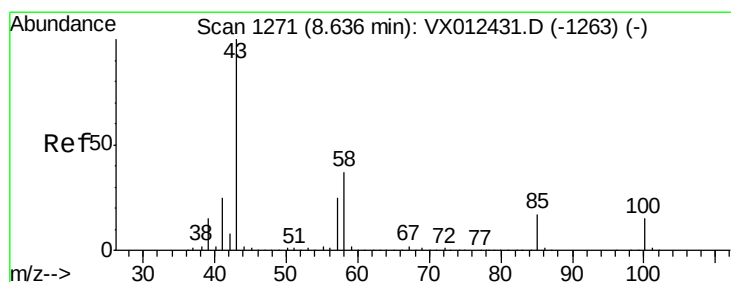
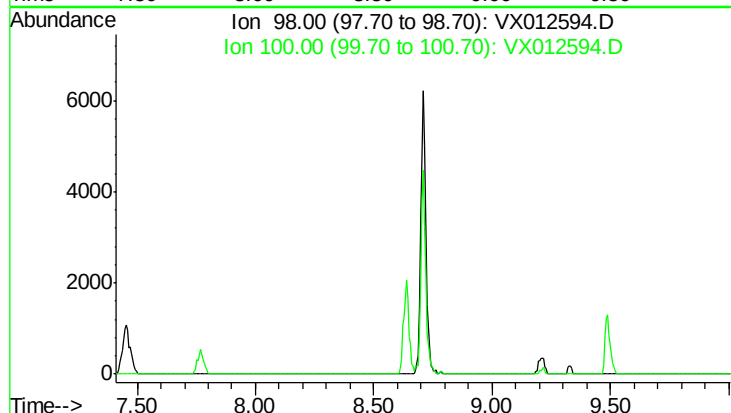
#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 8.71 min
Lab File: VX012594.D
Acq: 23 Sep 2019 10:09

Tot Ion: 98
Sig Exp Ratio
98 100
100 66.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

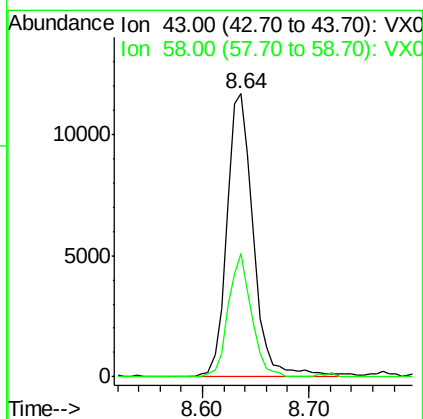
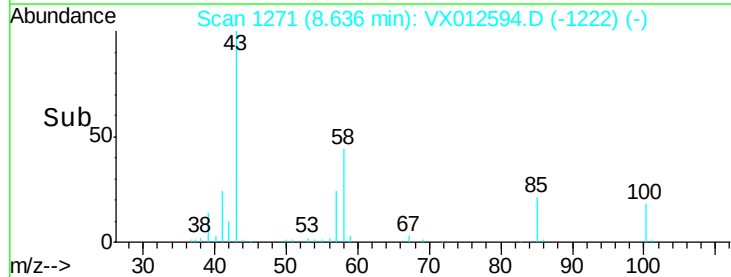
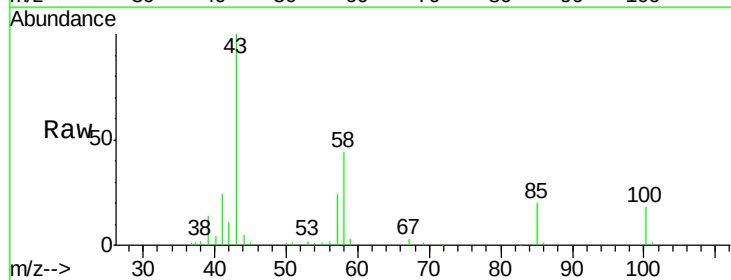
Manual Integrations
APPROVED

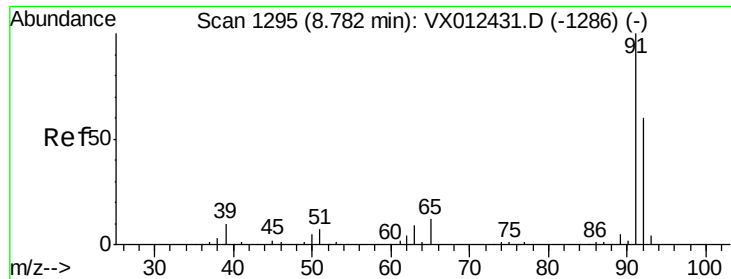
MMDadoda
9/24/2019 10:07:37 AM



#51
4-Methyl-2-Pentanone
Concen: 5.251 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX012594.D
Acq: 23 Sep 2019 10:09

Tgt Ion: 43 Resp: 20305
Ion Ratio Lower Upper
43 100
58 38.0 31.4 47.0





#52

Toluene

Concen: 1.428 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX012594.D

Acq: 23 Sep 2019 10:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 92 Resp: 6631

Ion Ratio Lower Upper

92 100

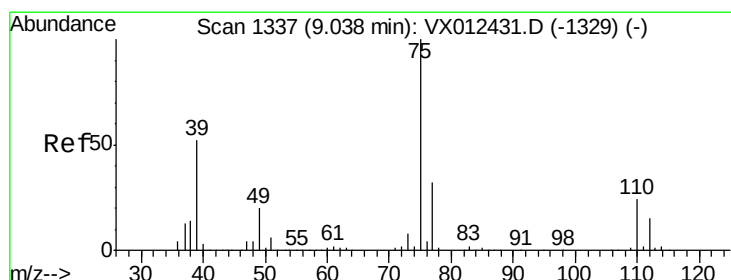
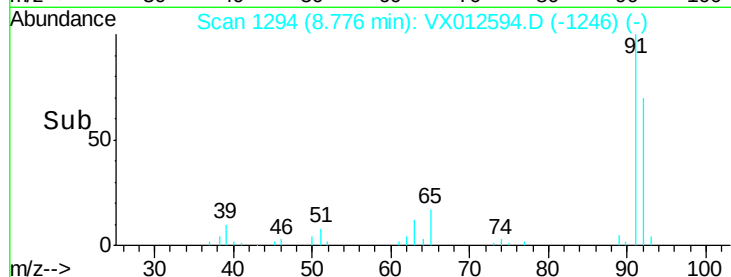
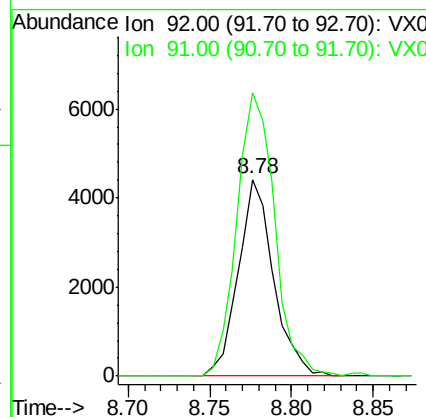
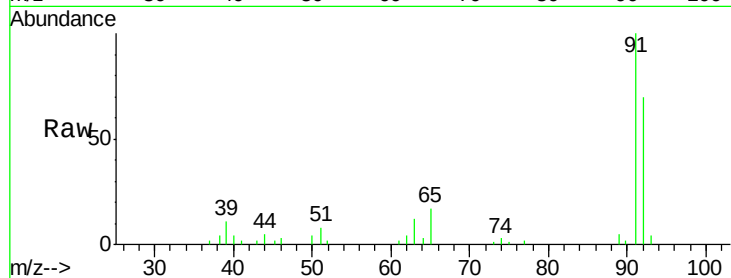
91 154.9 134.2 201.4

Manual Integrations

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#53

t-1,3-Dichloropropene

Concen: 1.126 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX012594.D

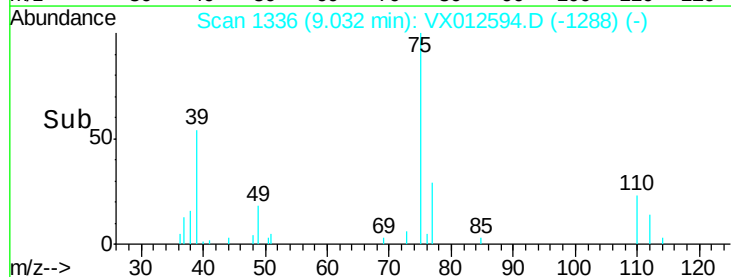
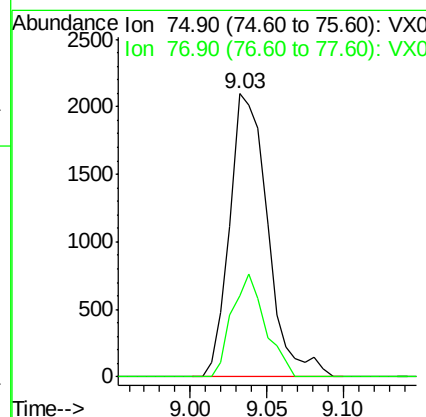
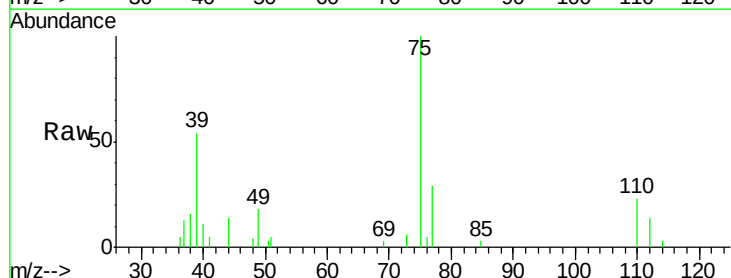
Acq: 23 Sep 2019 10:09

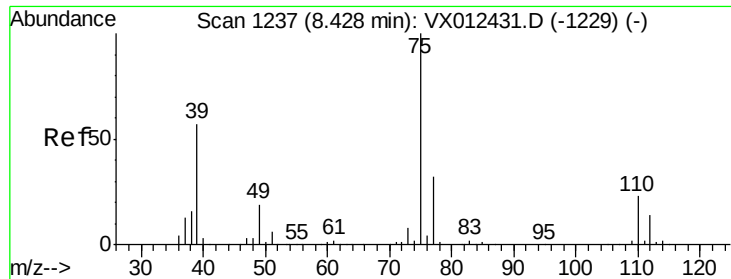
Tgt Ion: 75 Resp: 3620

Ion Ratio Lower Upper

75 100

77 28.8 24.9 37.3





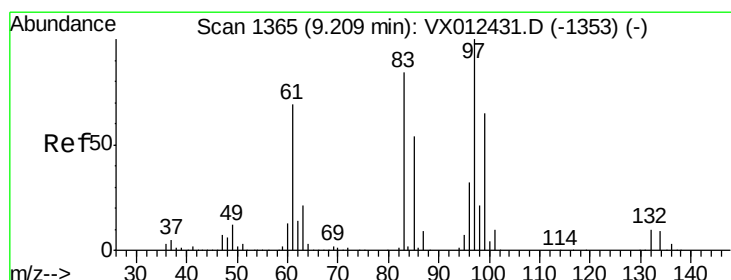
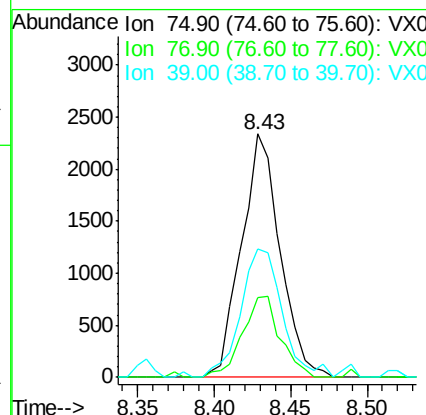
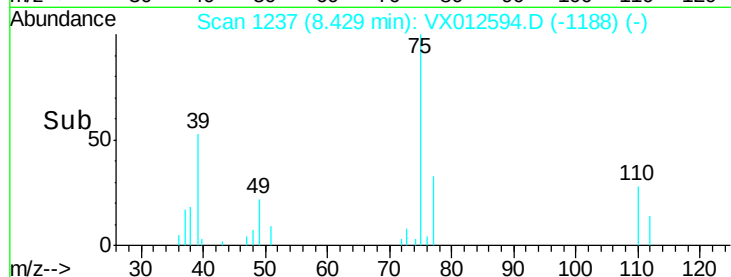
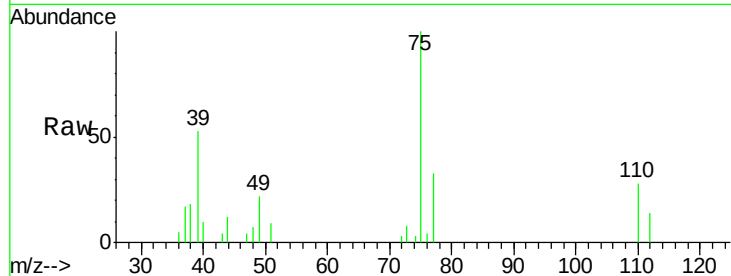
#54
 cis-1,3-Dichloropropene
 Concen: 1.218 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VX012594.D
 Acq: 23 Sep 2019 10:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
75	100		
77	33.0	25.5	38.3
39	52.9	40.7	61.1

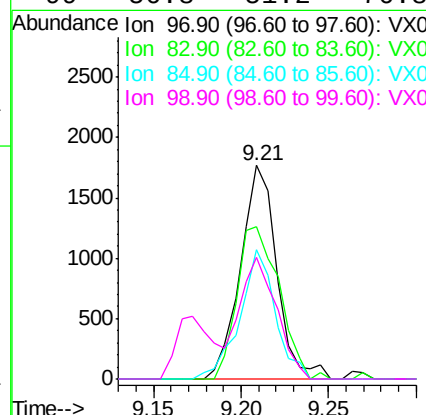
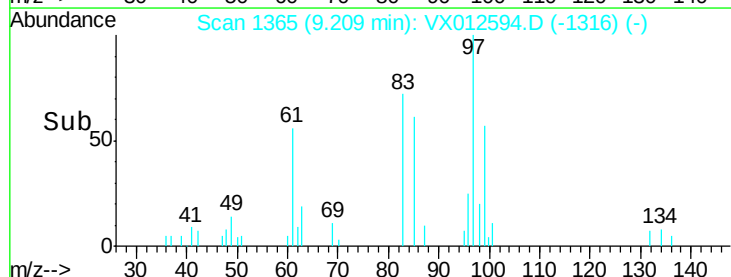
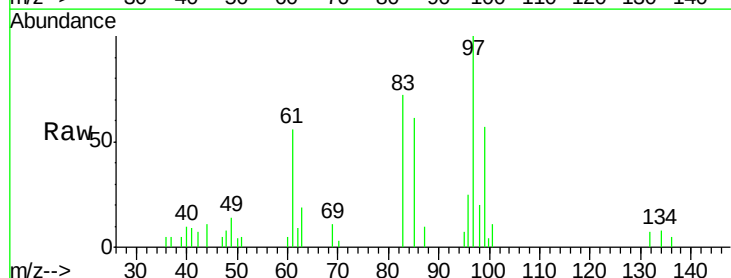
Manual Integrations
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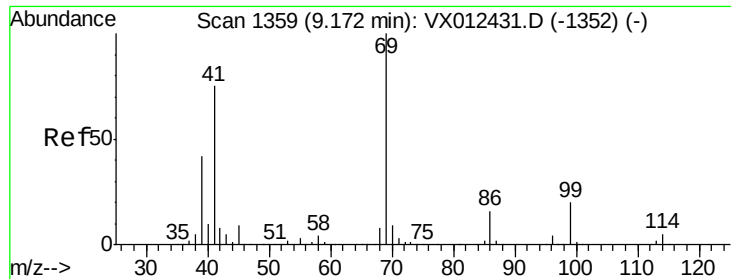
MMDadoda
 9/24/2019 10:07:37 AM



#55
 1,1,2-Trichloroethane
 Concen: 1.114 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX012594.D
 Acq: 23 Sep 2019 10:09

Tgt Ion	Ratio	Lower	Upper
97	100		
83	71.5	70.5	105.7
85	60.6	43.9	65.9
99	56.8	51.2	76.8





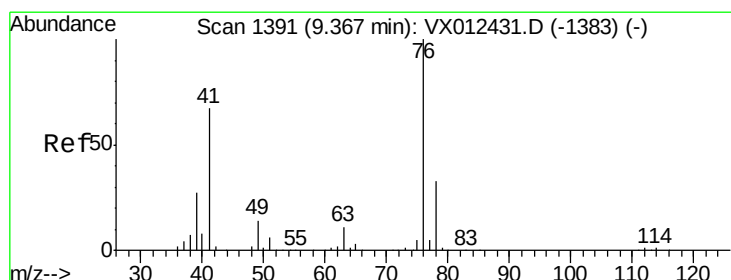
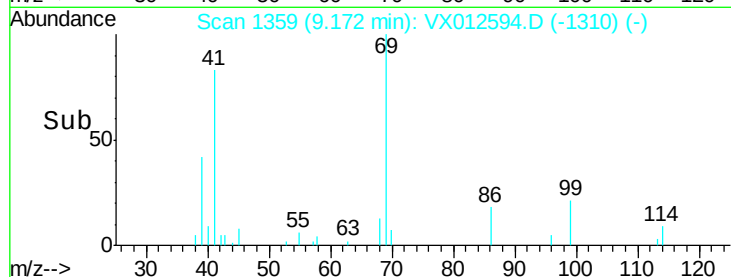
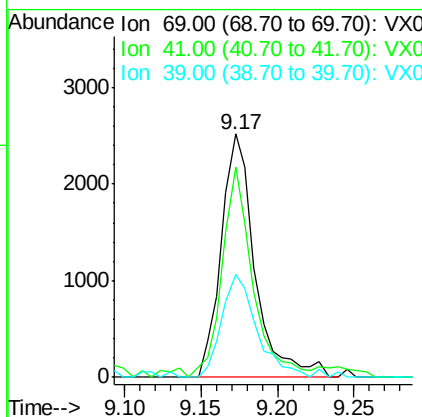
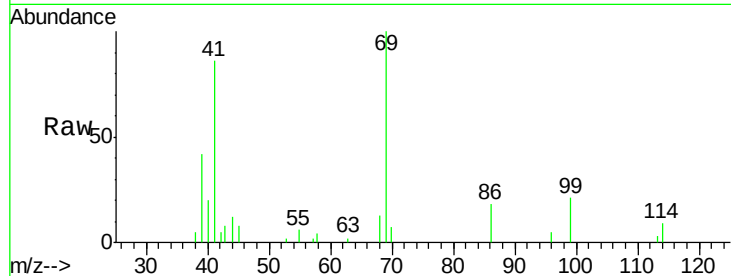
#56
Ethyl methacrylate
Concen: 1.066 ug/l
RT: 9.17 min Scan# 1359
Delta R.T. 0.00 min
Lab File: VX012594.D
Acq: 23 Sep 2019 10:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
69	100		
41	77.9	54.7	82.1
39	43.9	30.6	46.0

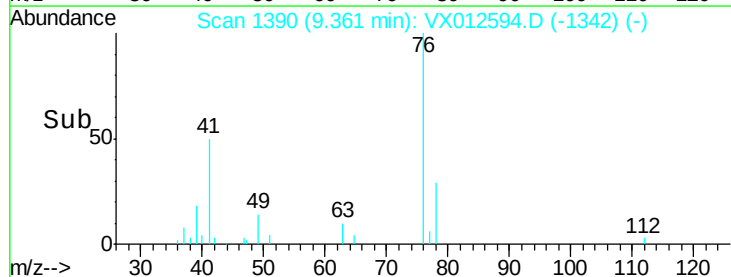
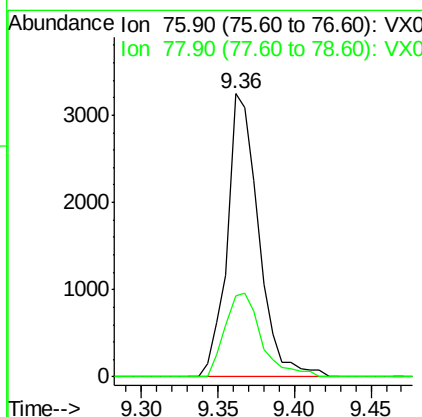
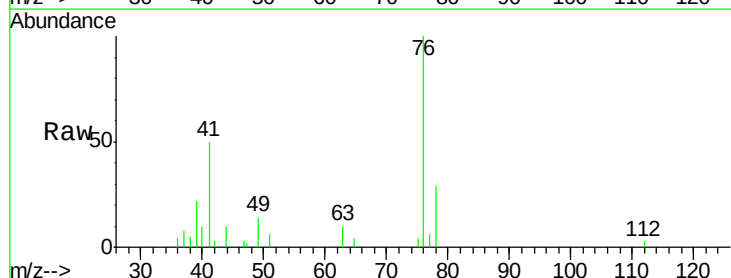
Manual Integrations
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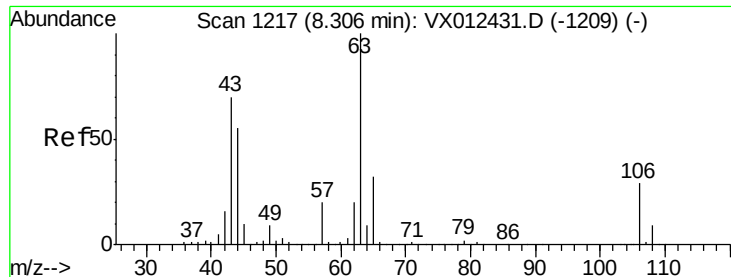
MMDadoda
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#57
1,3-Dichloropropane
Concen: 1.257 ug/l
RT: 9.36 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX012594.D
Acq: 23 Sep 2019 10:09

Tgt Ion	Ratio	Lower	Upper
76	100		
78	34.1	26.0	39.0





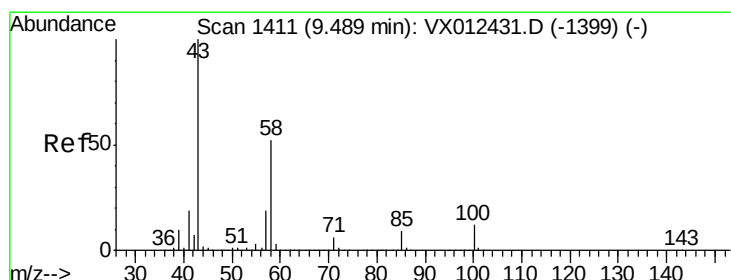
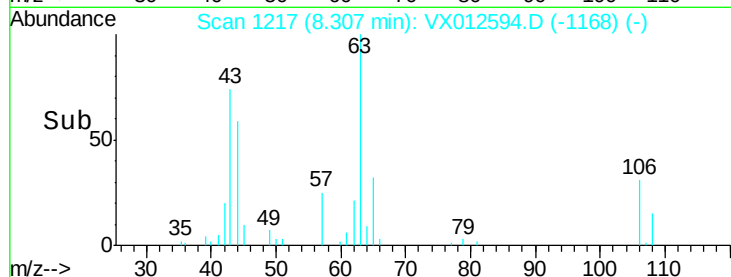
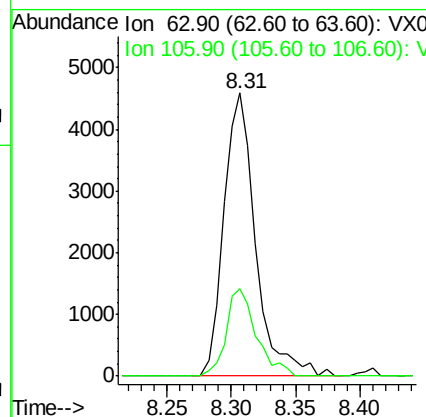
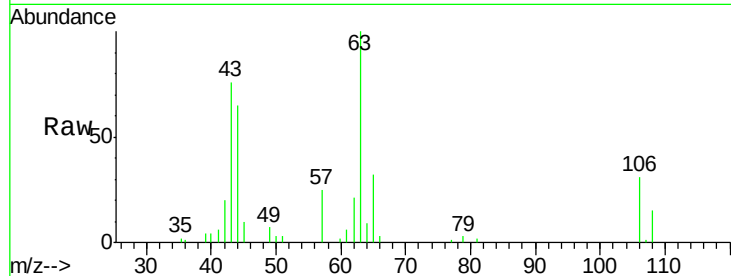
#58
2-Chloroethyl Vinyl ether
Concen: 4.300 ug/l
RT: 8.31 min Scan# 1217
Delta R.T. 0.00 min
Lab File: VX012594.D
Acq: 23 Sep 2019 10:09

Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

Tot Ion: 63 Resp: 7957
Ion Ratio Lower Upper
63 100
106 29.2 23.2 34.8

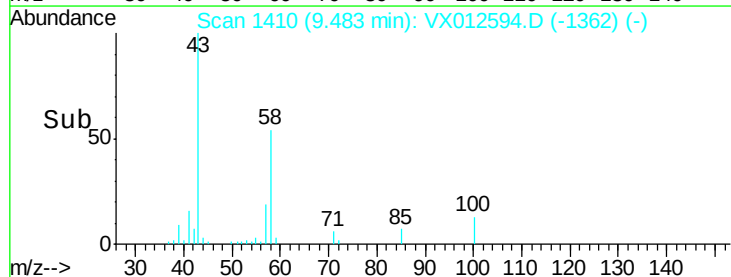
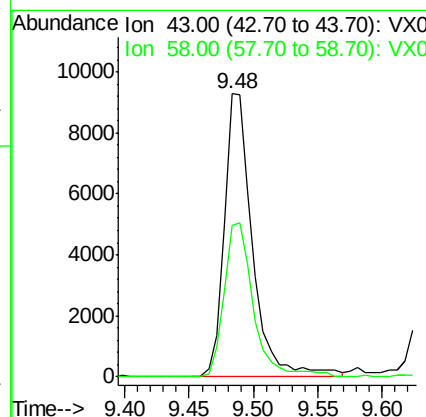
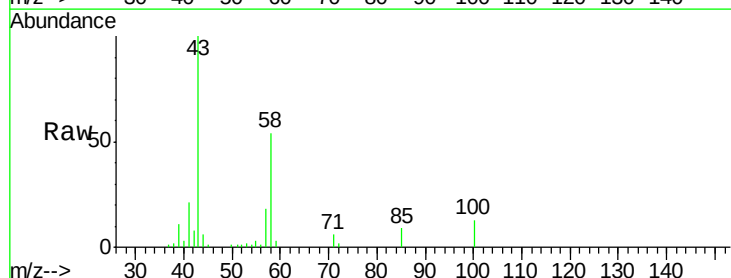
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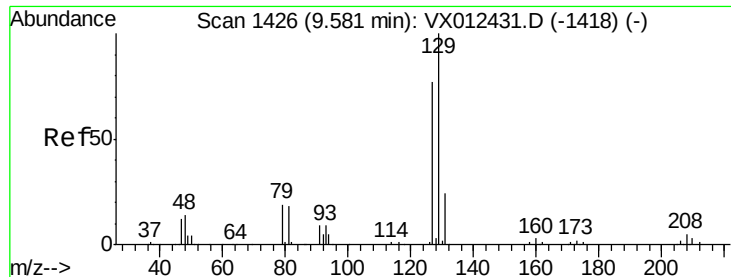
MMDadoda
9/24/2019 10:07:37 AM



#59
2-Hexanone
Concen: 4.746 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX012594.D
Acq: 23 Sep 2019 10:09

Tgt Ion: 43 Resp: 14336
Ion Ratio Lower Upper
43 100
58 56.4 26.8 80.4





#60

Dibromochloromethane

Concen: 1.000 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. -0.01 min

Lab File: VX012594.D

Acq: 23 Sep 2019 10:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:129 Resp: 2316

Ion Ratio Lower Upper

129 100

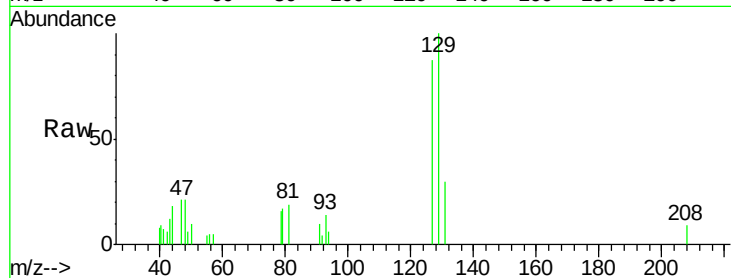
127 80.7 38.9 116.7

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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.57

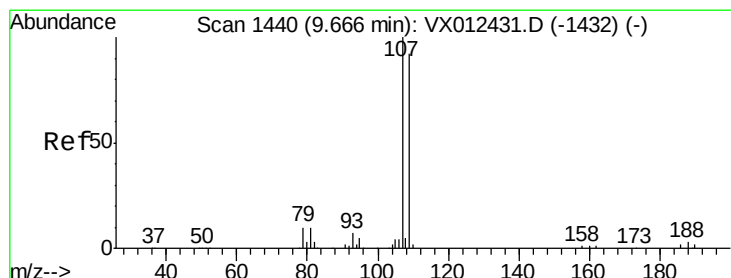
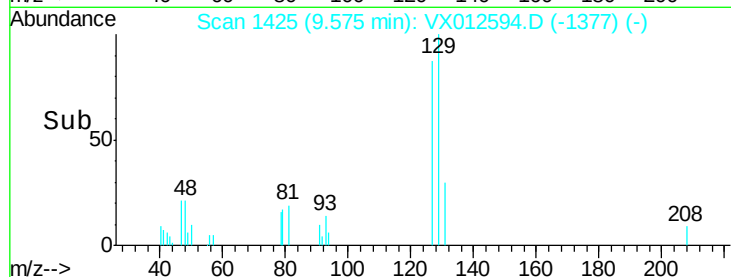
1500

1000

500

0

Time--> 9.50 9.55 9.60



#61

1,2-Dibromoethane

Concen: 1.203 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX012594.D

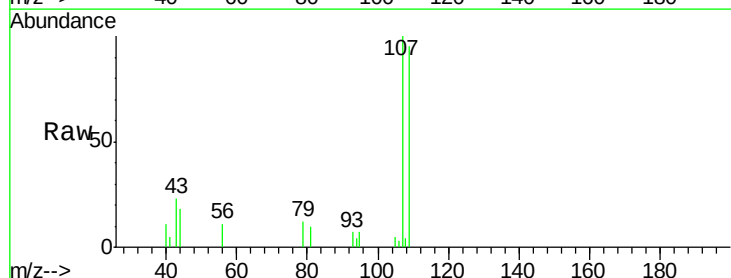
Acq: 23 Sep 2019 10:09

Tgt Ion:107 Resp: 2556

Ion Ratio Lower Upper

107 100

109 94.0 74.3 111.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

2000

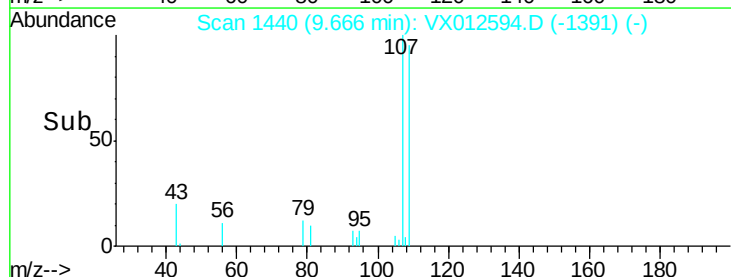
1500

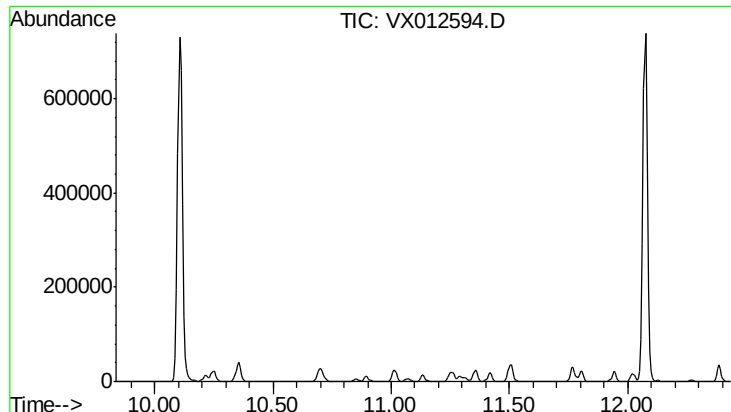
1000

500

0

Time--> 9.60 9.65 9.70





#62

4-Bromofluorobenzene

Concen: 0.000 ug/l

Expected RT: 11.14 min

Lab File: VX012594.D

Acq: 23 Sep 2019 10:09

Tot Ion: 95

Sig Exp Ratio

95 100

174 67.3

176 66.1

Instrument :

MSVOA_X

ClientSampleId :

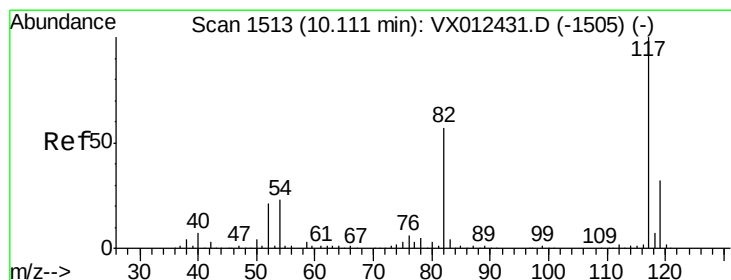
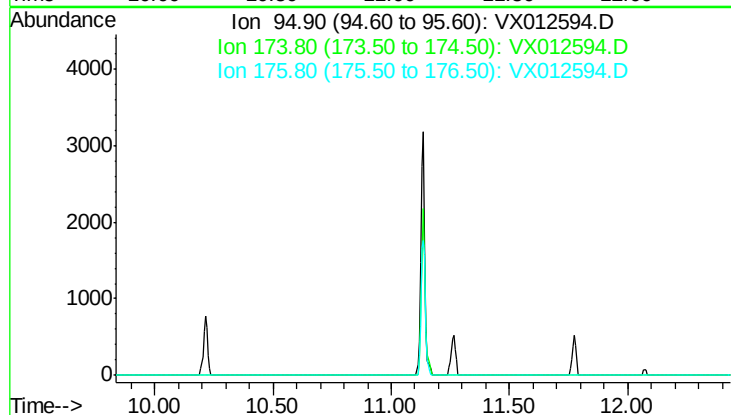
VSTDIC001

Manual Integrations

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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: VX012594.D

Acq: 23 Sep 2019 10:09

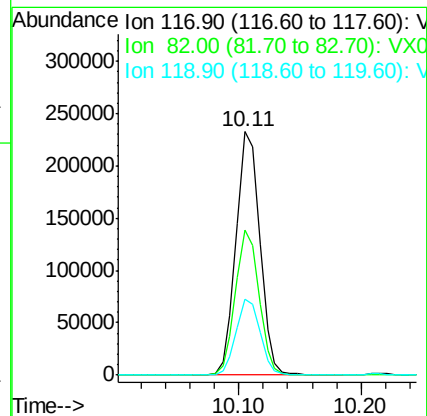
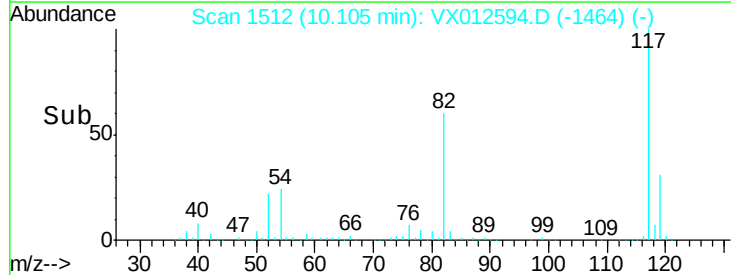
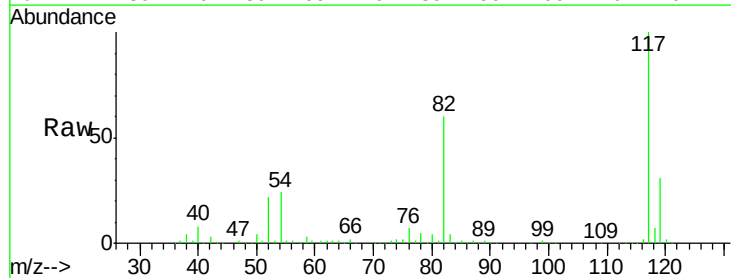
Tgt Ion: 117 Resp: 313378

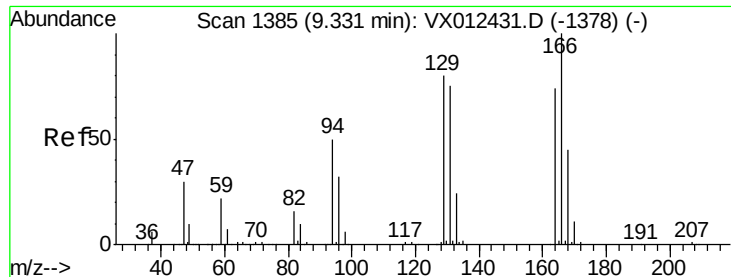
Ion Ratio Lower Upper

117 100

82 59.6 47.0 70.4

119 31.2 25.8 38.6





#64

Tetrachloroethene

Concen: 1.642 ug/l

RT: 9.32 min Scan# 1384

Delta R.T. -0.01 min

Lab File: VX012594.D

Acq: 23 Sep 2019 10:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:164 Resp: 2509

Ion Ratio Lower Upper

164 100

166 106.6 101.3 151.9

129 88.8 81.1 121.7

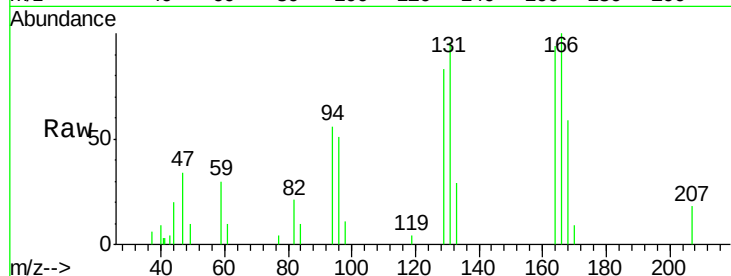
131 102.3 80.0 120.0

Manual Integrations

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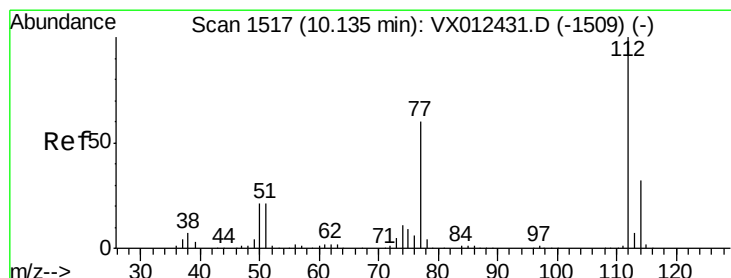
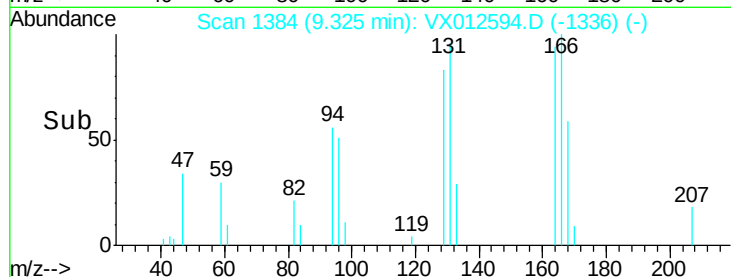
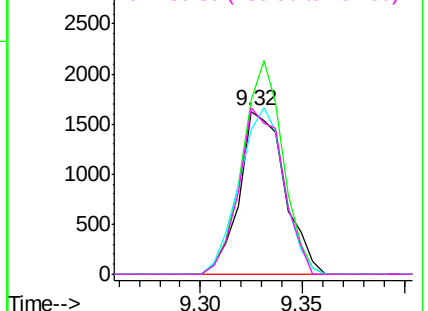


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 1.347 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX012594.D

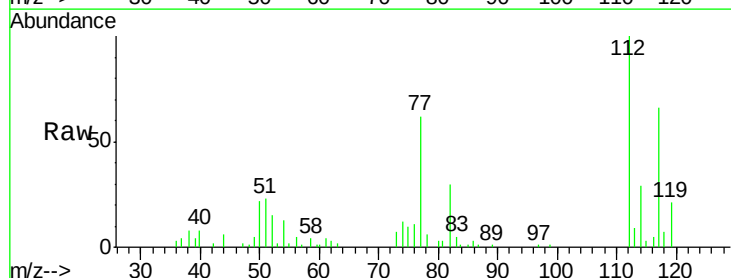
Acq: 23 Sep 2019 10:09

Tgt Ion:112 Resp: 7182

Ion Ratio Lower Upper

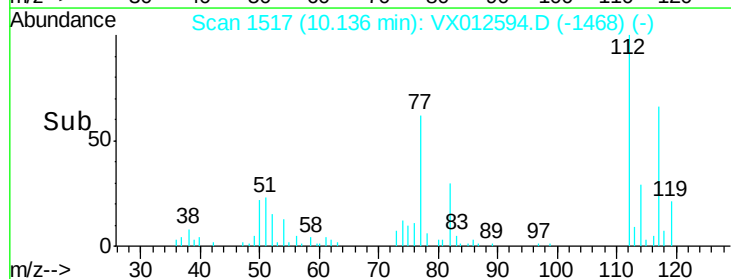
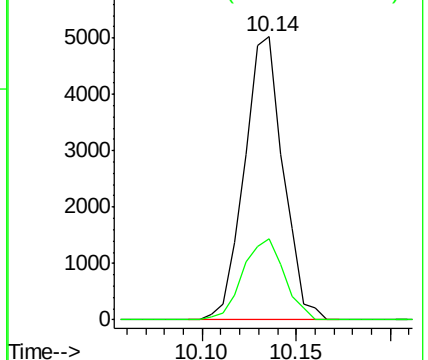
112 100

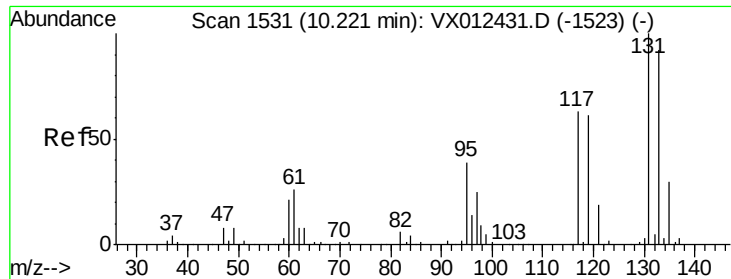
114 28.6 25.5 38.3



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





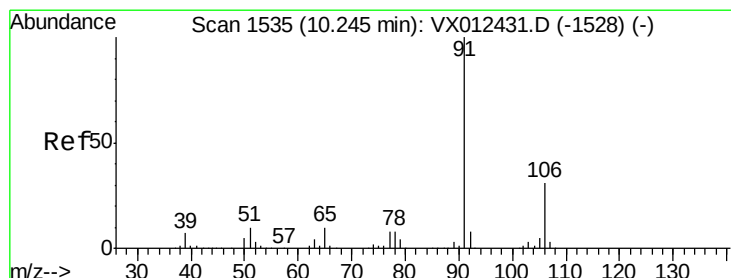
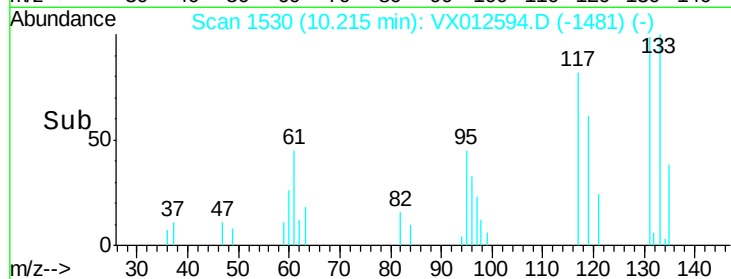
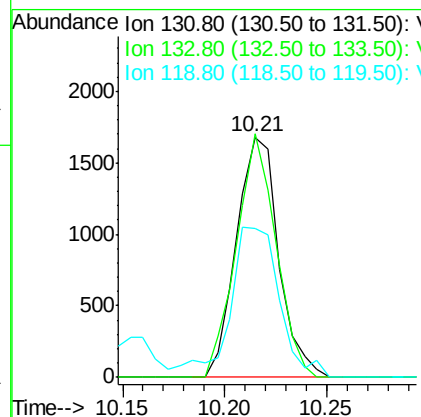
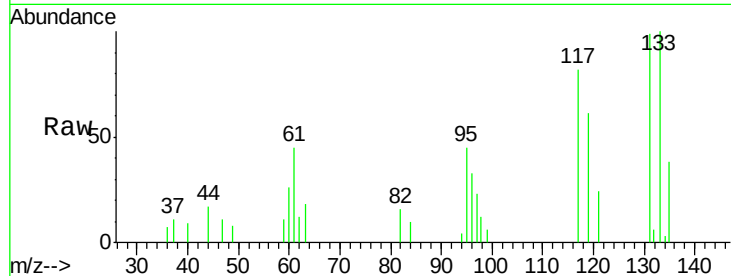
#66
 1,1,1,2-Tetrachloroethane
 Concen: 1.122 ug/l
 RT: 10.21 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VX012594.D
 Acq: 23 Sep 2019 10:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
131	100		
133	94.8	48.0	144.2
119	0.0	33.0	99.0

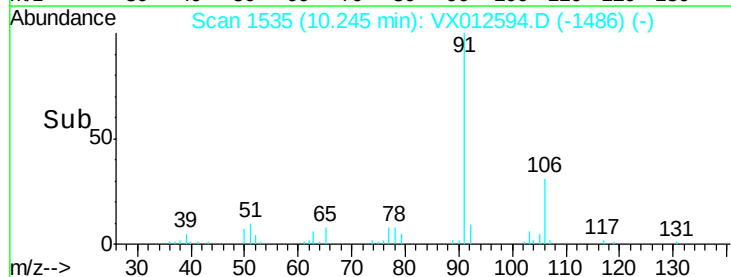
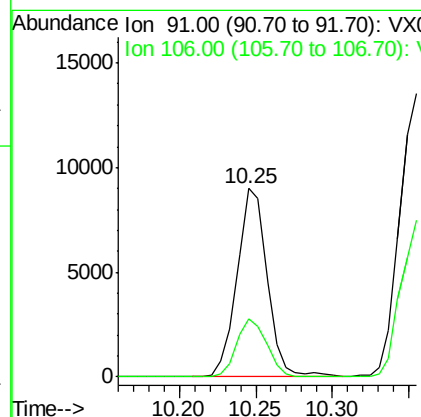
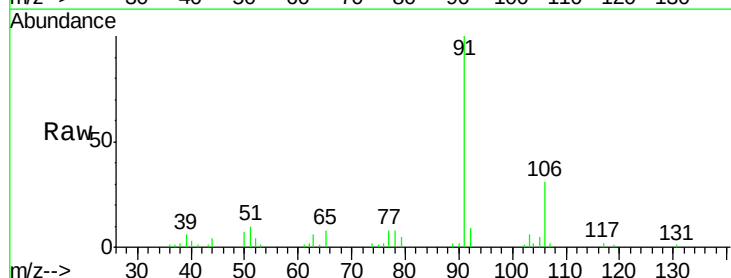
Manual Integrations
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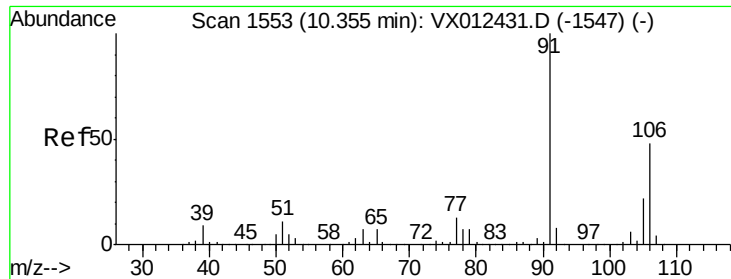
MMDadoda
 9/24/2019 10:07:37 AM



#67
 Ethyl Benzene
 Concen: 1.337 ug/l
 RT: 10.25 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VX012594.D
 Acq: 23 Sep 2019 10:09

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.2	23.8	35.6





#68

m/p-Xylenes

Concen: 2.820 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX012594.D

Acq: 23 Sep 2019 10:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:106 Resp: 9532

Ion Ratio Lower Upper

106 100

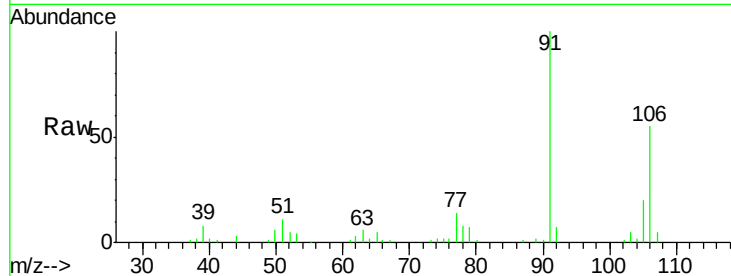
91 200.6 167.3 250.9

Manual Integrations

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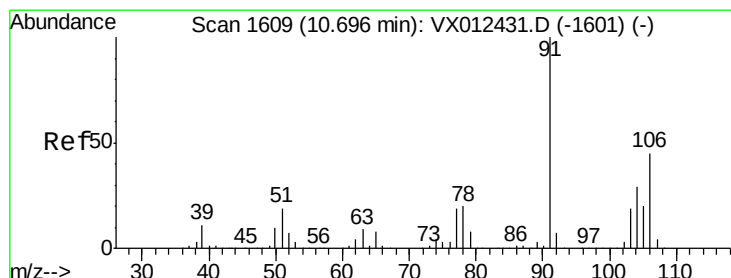
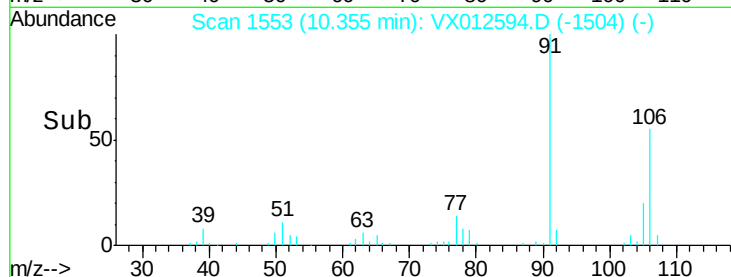
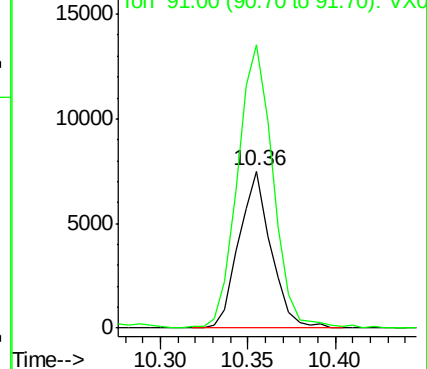
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 1.284 ug/l

RT: 10.70 min Scan# 1609

Delta R.T. 0.00 min

Lab File: VX012594.D

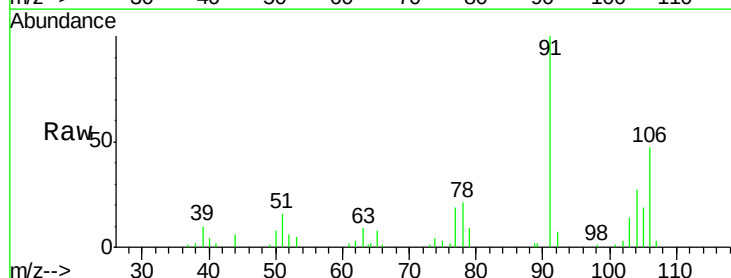
Acq: 23 Sep 2019 10:09

Tgt Ion:106 Resp: 4404

Ion Ratio Lower Upper

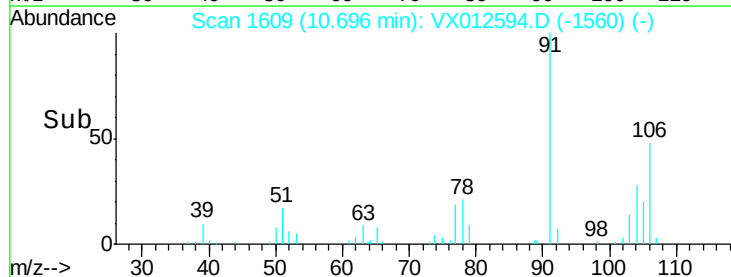
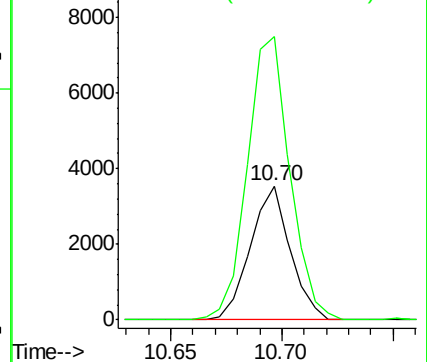
106 100

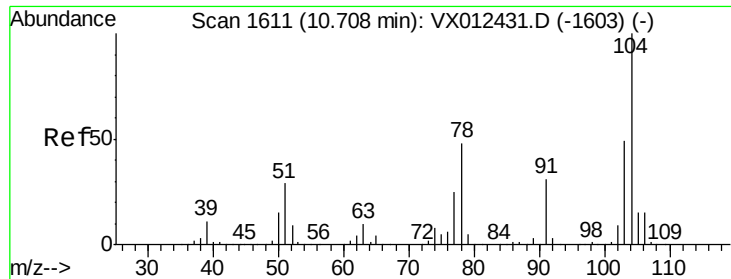
91 226.4 110.3 331.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





#70

Stvrene

Concen: 1.092 ug/l

RT: 10.71 min Scan# 1611

Delta R.T. 0.00 min

Lab File: VX012594.D

Acq: 23 Sep 2019 10:09

Instrument :

MSVOA_X

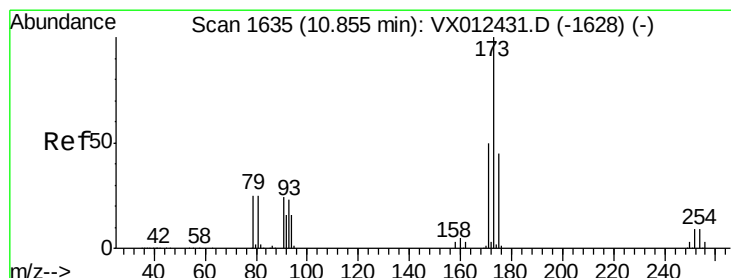
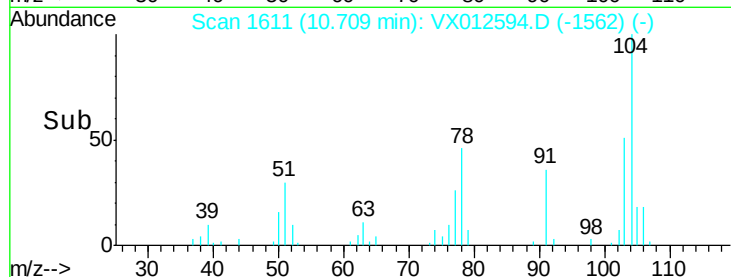
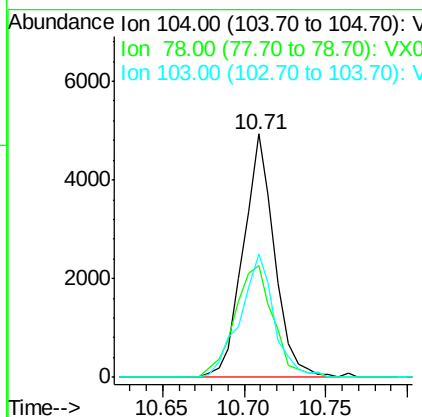
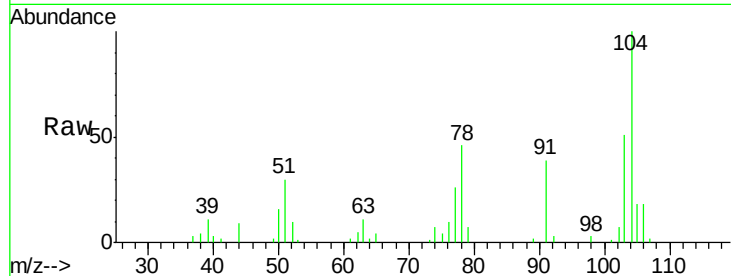
ClientSampleId :

VSTDIC001

Tot Ion:	104	Resp:	6579
Ion	Ratio	Lower	Upper
104	100		
78	56.9	43.4	65.2
103	55.7	43.4	65.2

Manual Integrations
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#71

Bromoform

Concen: 0.867 ug/l

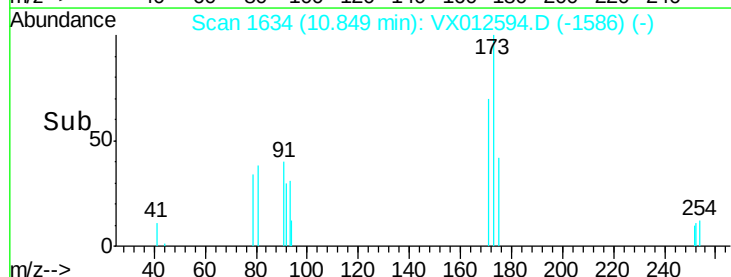
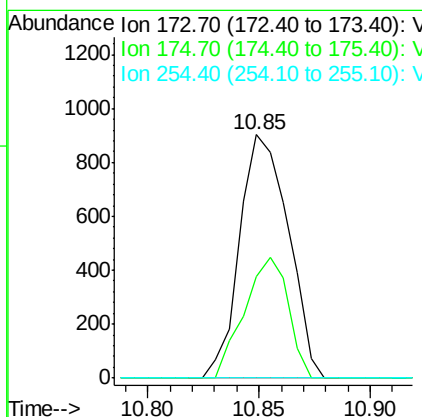
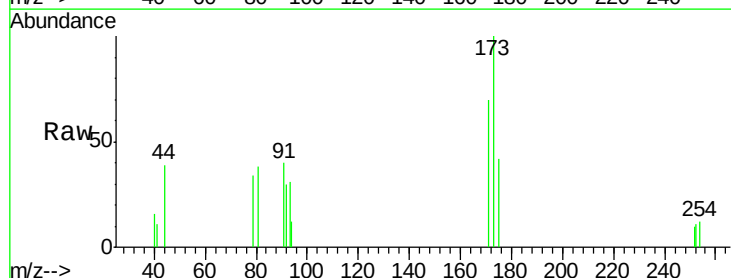
RT: 10.85 min Scan# 1634

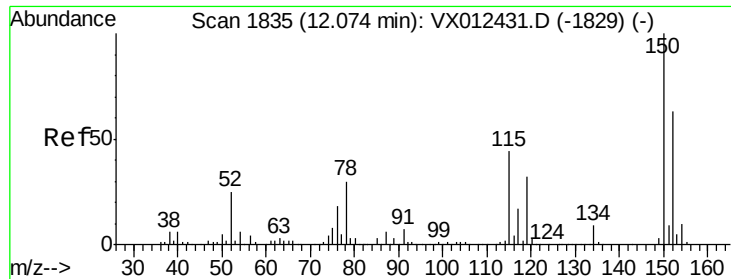
Delta R.T. -0.01 min

Lab File: VX012594.D

Acq: 23 Sep 2019 10:09

Tgt Ion:	173	Resp:	1376
Ion	Ratio	Lower	Upper
173	100		
175	44.5	24.6	73.8
254	0.0	0.1	0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012594.D

Acq: 23 Sep 2019 10:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:152 Resp: 132595

Ion Ratio Lower Upper

152 100

115 66.8 45.2 135.6

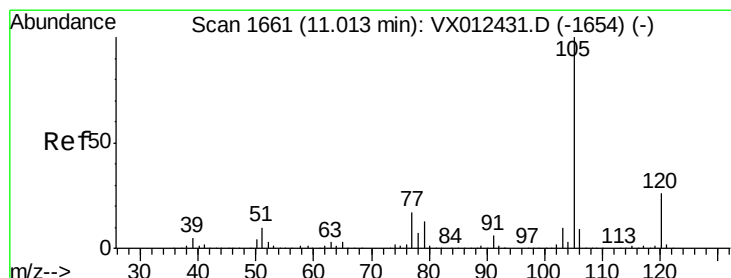
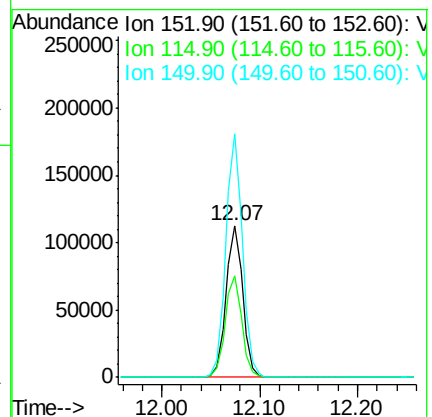
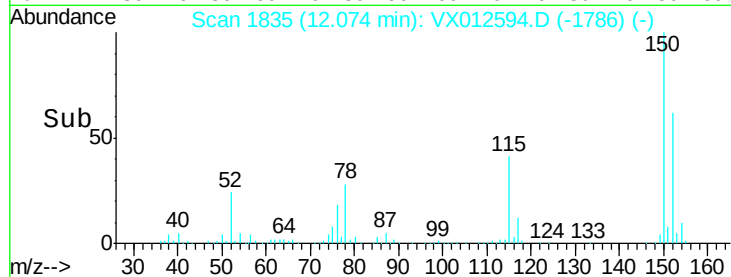
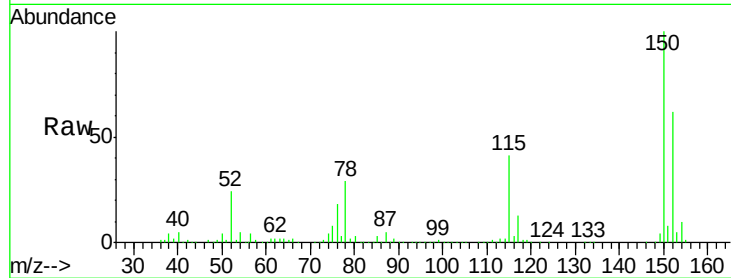
150 159.4 0.0 346.2

Manual Integrations

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#73

Isopropylbenzene

Concen: 1.363 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX012594.D

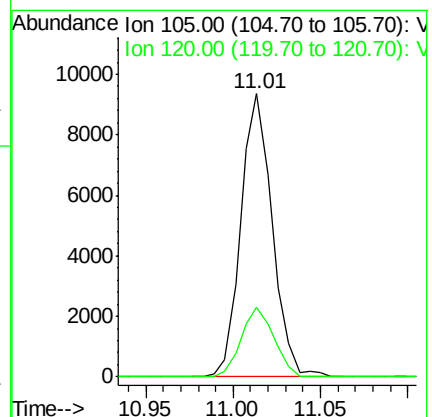
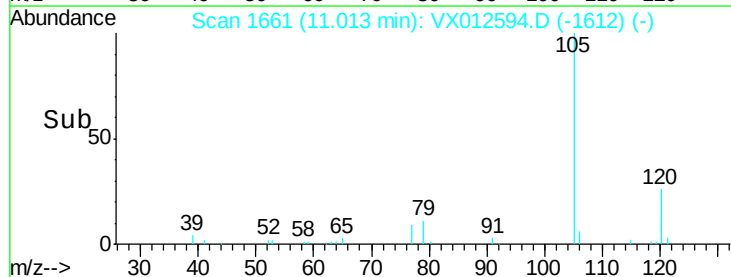
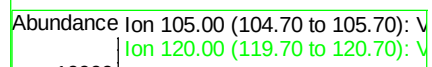
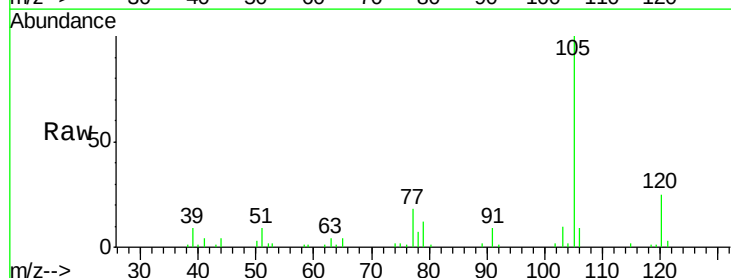
Acq: 23 Sep 2019 10:09

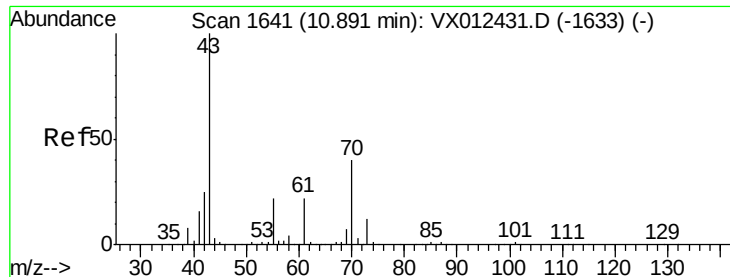
Tgt Ion:105 Resp: 11671

Ion Ratio Lower Upper

105 100

120 25.5 12.9 38.7





#74

N-amvl acetate

Concen: 1.114 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX012594.D

Acq: 23 Sep 2019 10:09

Instrument :

MSVOA_X

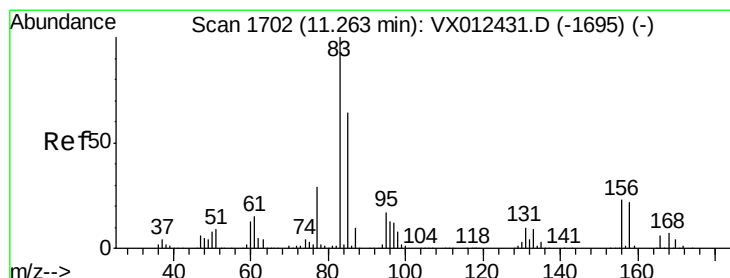
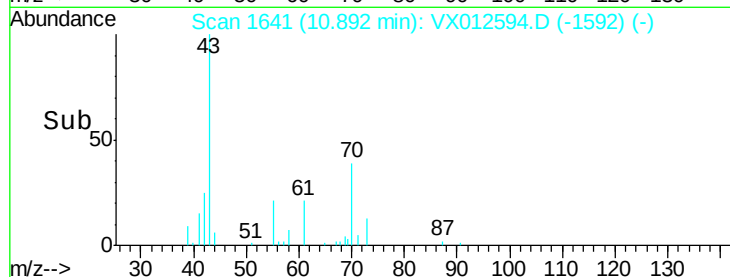
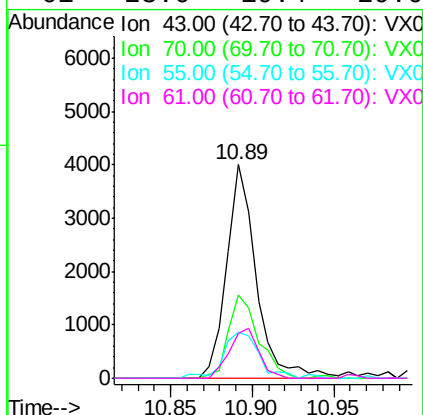
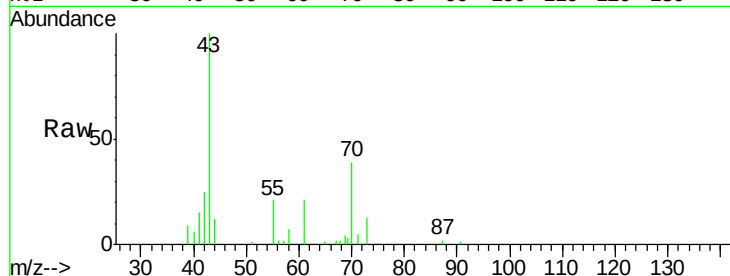
ClientSampled :

VSTDIC001

Tot Ion:	43	Resp:	5036
Ion	Ratio	Lower	Upper
43	100		
70	39.5	33.8	50.8
55	25.7	19.2	28.8
61	23.0	19.4	29.0

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#75

1,1,2,2-Tetrachloroethane

Concen: 1.155 ug/l

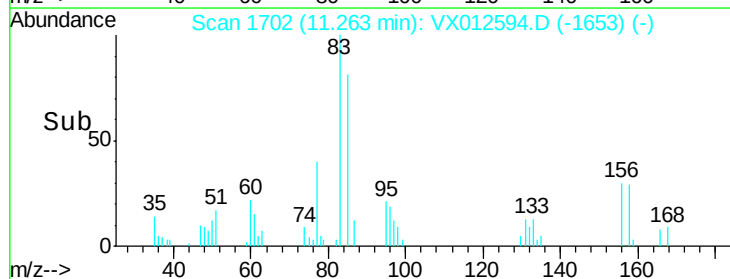
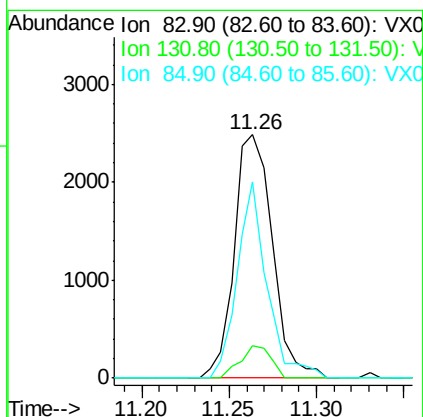
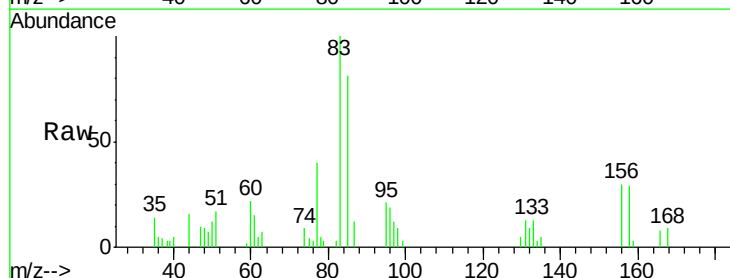
RT: 11.26 min Scan# 1702

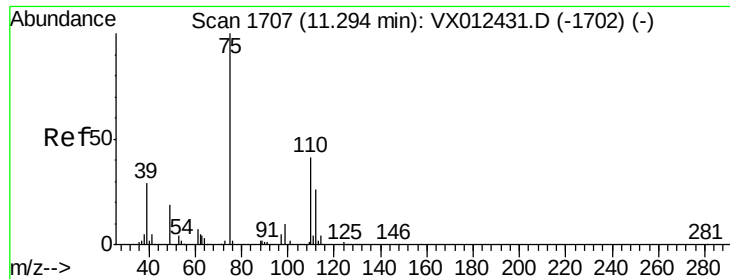
Delta R.T. 0.00 min

Lab File: VX012594.D

Acq: 23 Sep 2019 10:09

Tgt Ion:	83	Resp:	3774
Ion	Ratio	Lower	Upper
83	100		
131	10.6	5.1	15.4
85	62.7	32.0	96.2





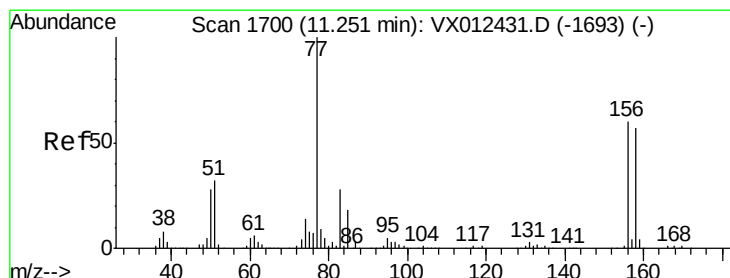
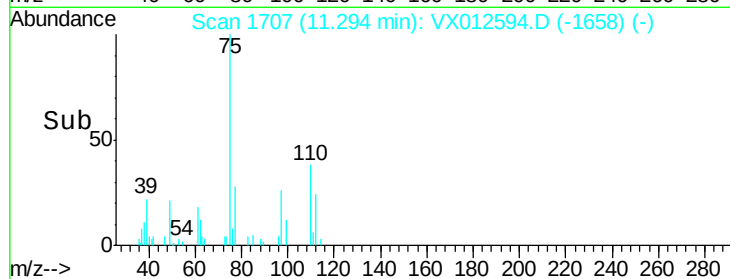
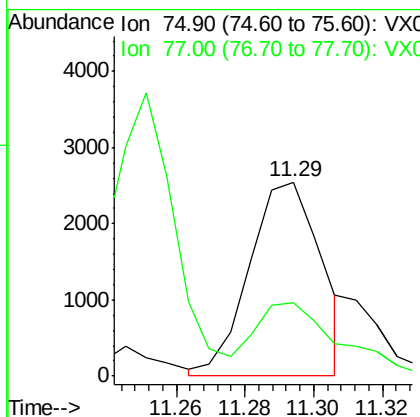
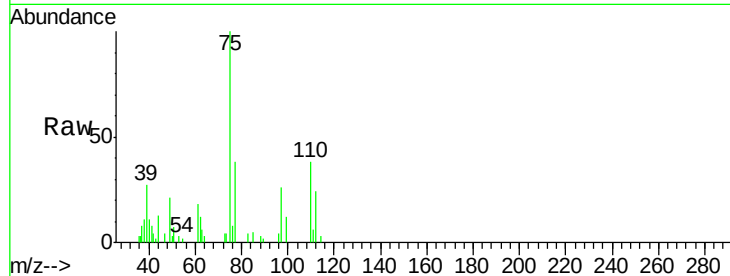
#76
 1,2,3-Trichloropropane
 Concen: 1.212 ug/l m
 RT: 11.29 min Scan# 1707
 Delta R.T. 0.00 min
 Lab File: VX012594.D
 Acq: 23 Sep 2019 10:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion: 75 Resp: 3718
 Ion Ratio Lower Upper
 75 100
 77 44.3 19.3 57.8

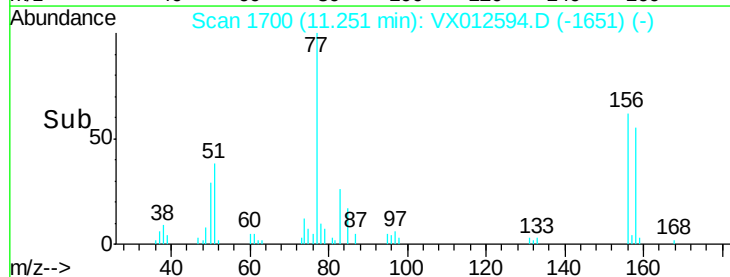
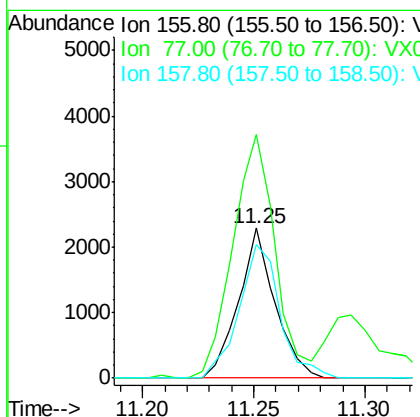
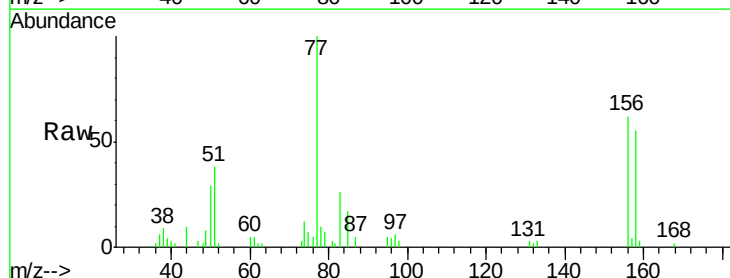
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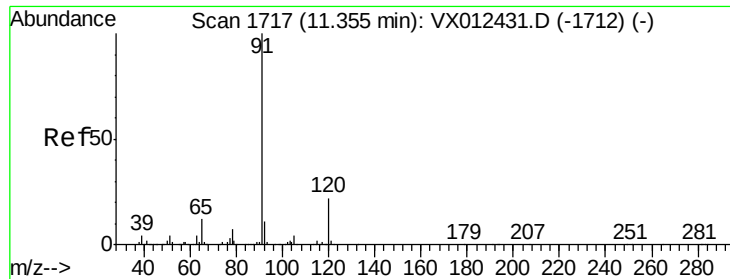
MMDadoda
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#77
 Bromobenzene
 Concen: 1.266 ug/l
 RT: 11.25 min Scan# 1700
 Delta R.T. 0.00 min
 Lab File: VX012594.D
 Acq: 23 Sep 2019 10:09

Tgt Ion: 156 Resp: 2610
 Ion Ratio Lower Upper
 156 100
 77 188.1 91.2 273.6
 158 100.8 48.0 144.2





#78

n-propylbenzene

Concen: 1.358 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX012594.D

Acq: 23 Sep 2019 10:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 91 Resp: 12964

Ion Ratio Lower Upper

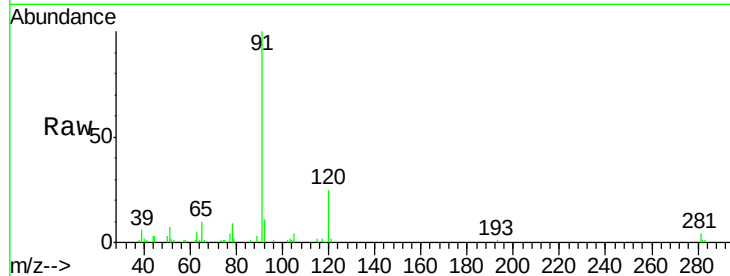
91 100

120 21.9 11.3 33.8

Manual Integrations
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

12000

10000

8000

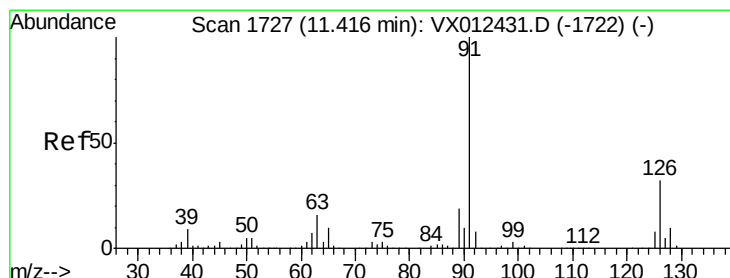
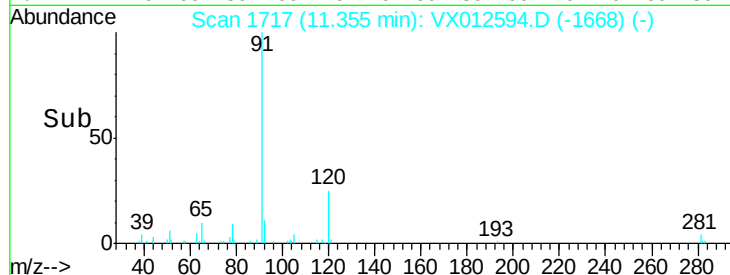
6000

4000

2000

0

Time--> 11.30 11.35 11.40



#79

2-Chlorotoluene

Concen: 1.397 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX012594.D

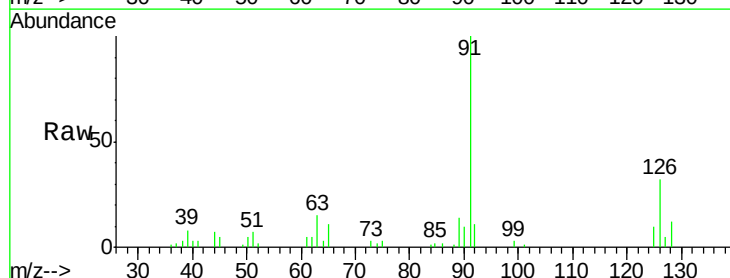
Acq: 23 Sep 2019 10:09

Tgt Ion: 91 Resp: 8642

Ion Ratio Lower Upper

91 100

126 29.4 16.1 48.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

12000

10000

8000

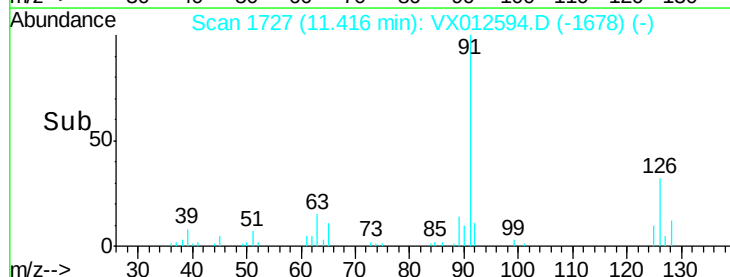
6000

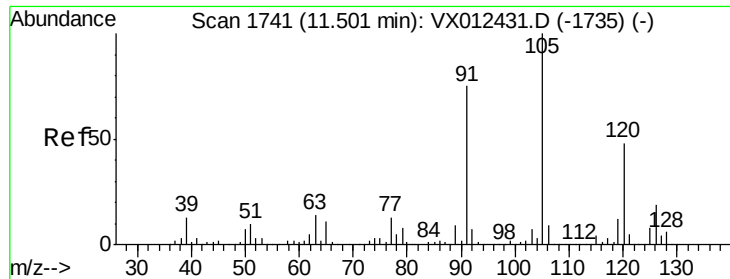
4000

2000

0

Time--> 11.40 11.45





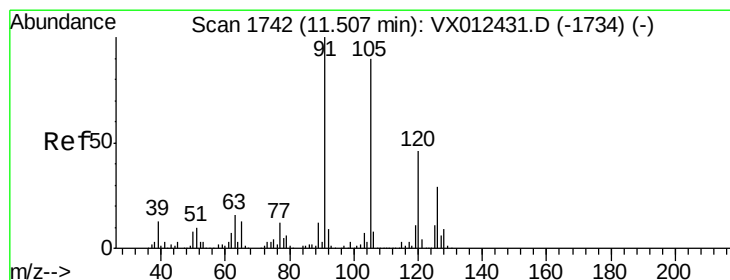
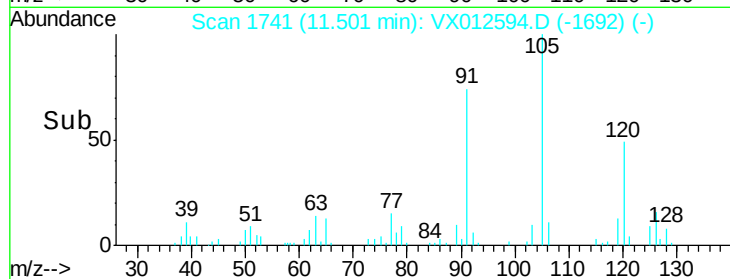
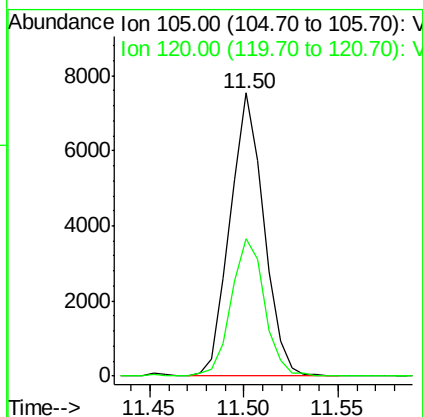
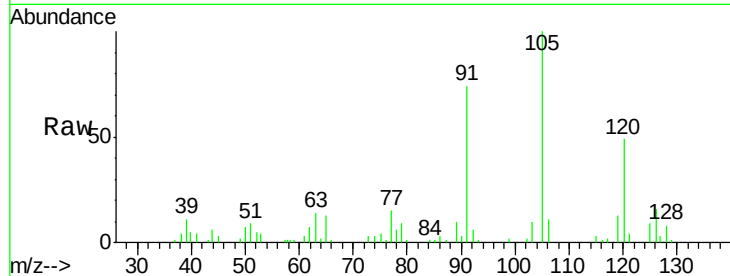
#80
 1,3,5-Trimethylbenzene
 Concen: 1.291 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX012594.D
 Acq: 23 Sep 2019 10:09

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC001

Tot Ion:105 Resp: 9397
 Ion Ratio Lower Upper
 105 100
 120 47.6 24.1 72.2

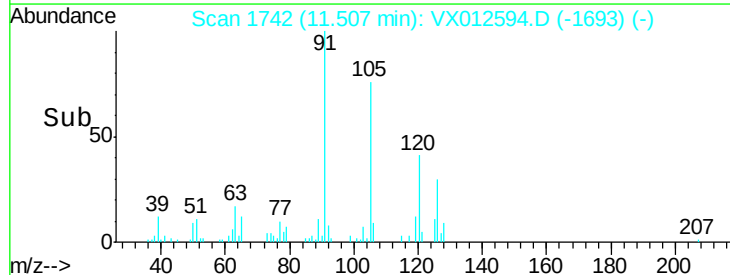
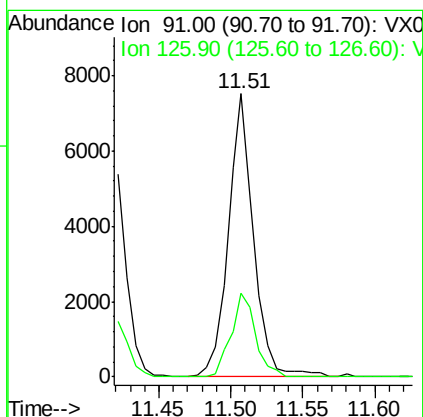
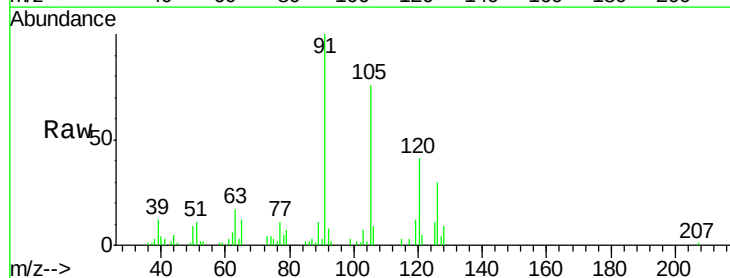
Manual Integrations
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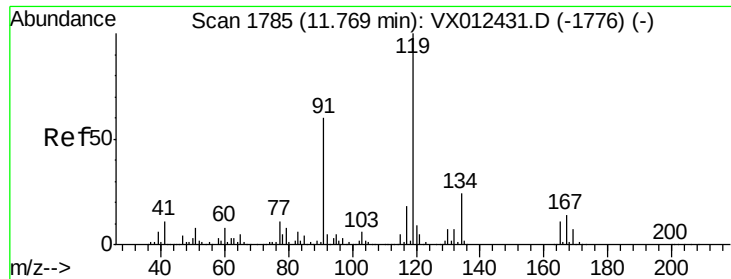
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#82
 4-Chlorotoluene
 Concen: 1.302 ug/l
 RT: 11.51 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: VX012594.D
 Acq: 23 Sep 2019 10:09

Tgt Ion: 91 Resp: 9233
 Ion Ratio Lower Upper
 91 100
 126 28.7 13.9 41.7





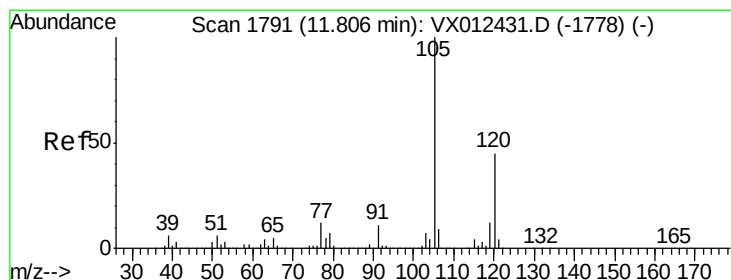
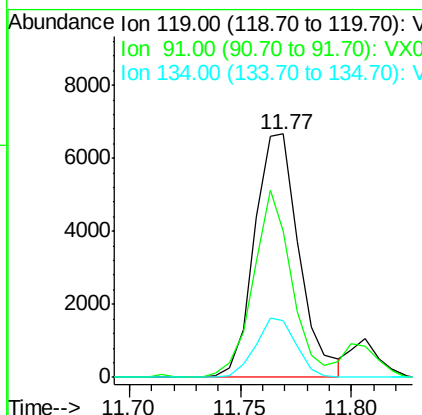
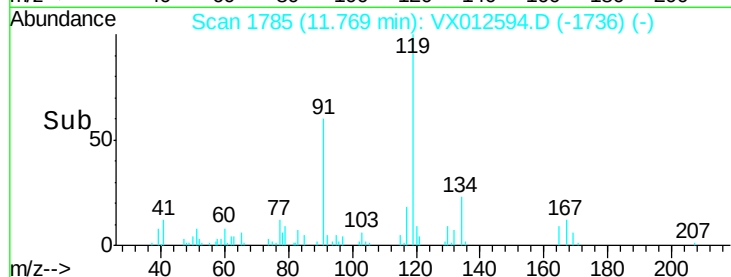
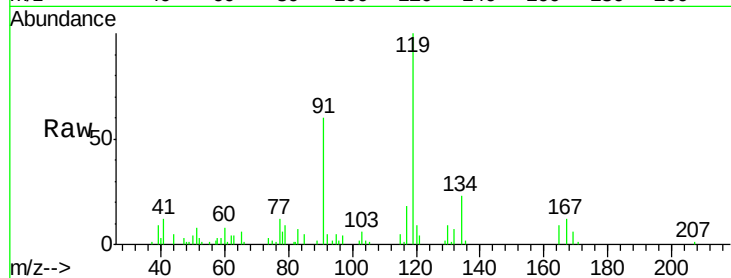
#83
tert-Butylbenzene
Concen: 1.219 ug/l
RT: 11.77 min Scan# 1785
Delta R.T. 0.00 min
Lab File: VX012594.D
Acq: 23 Sep 2019 10:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
119	100		
91	65.7	31.1	93.5
134	22.0	11.5	34.5

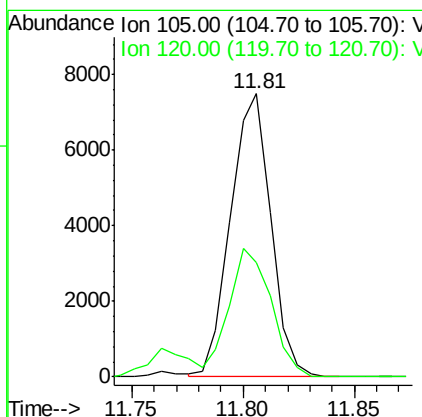
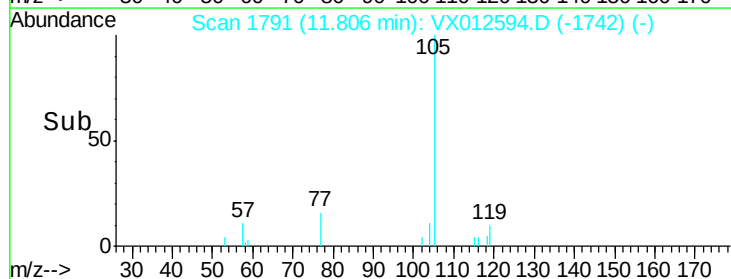
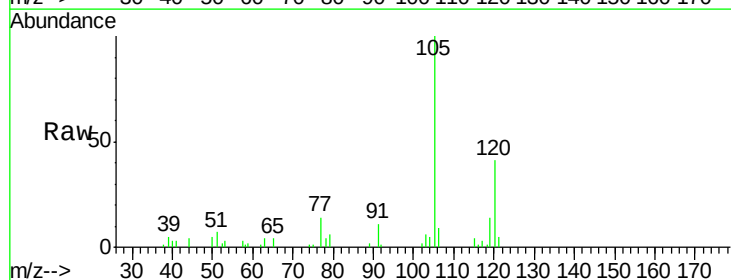
Manual Integrations
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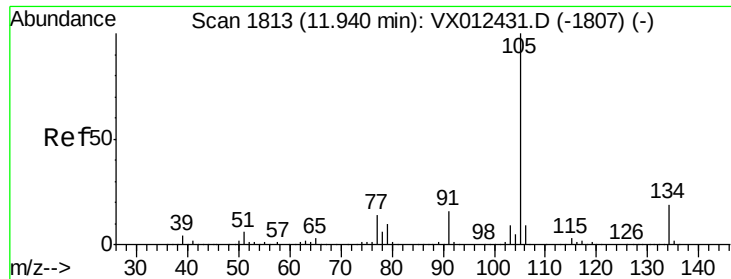
MMDadoda
9/24/2019 10:07:37 AM



#84
1,2,4-Trimethylbenzene
Concen: 1.263 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. 0.00 min
Lab File: VX012594.D
Acq: 23 Sep 2019 10:09

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.4	22.3	66.8





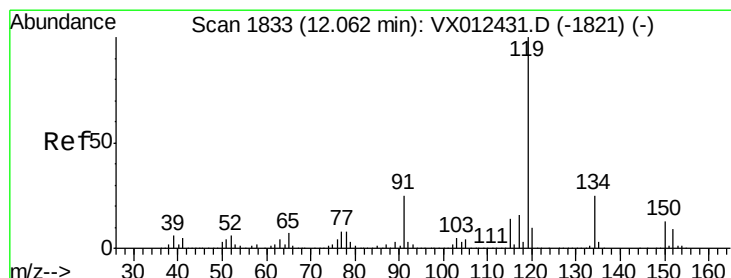
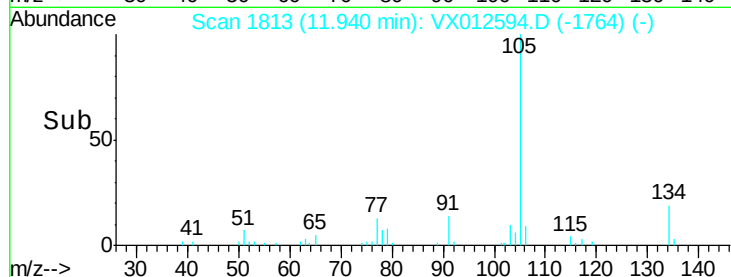
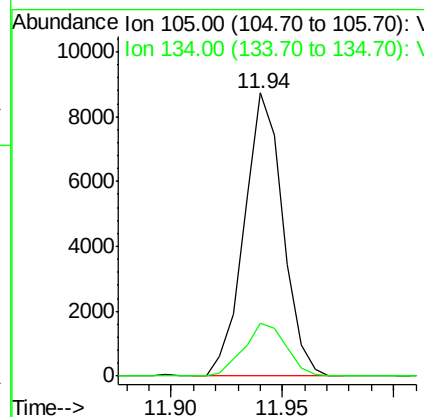
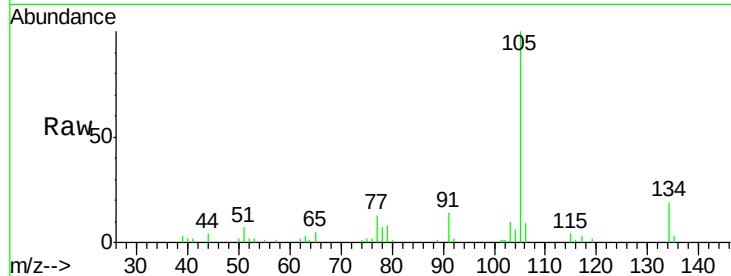
#85
 sec-Butylbenzene
 Concen: 1.241 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX012594.D
 Acq: 23 Sep 2019 10:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion:105 Resp: 10570
 Ion Ratio Lower Upper
 105 100
 134 20.2 9.7 29.1

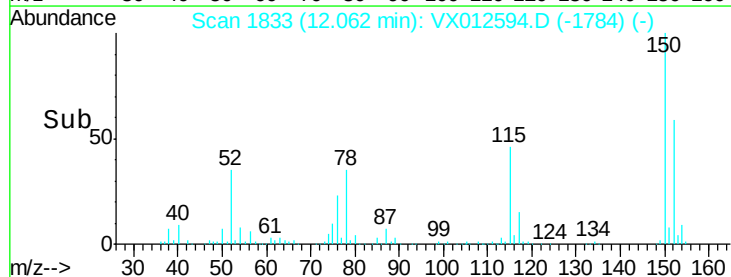
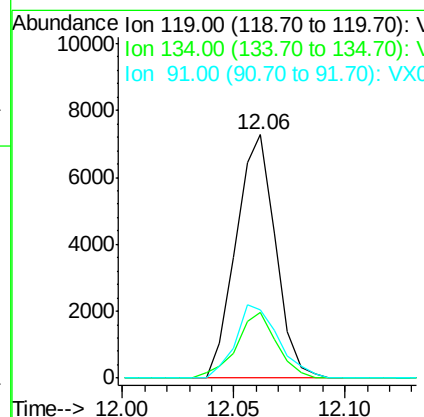
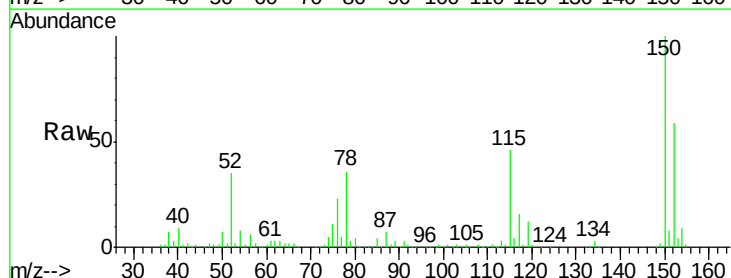
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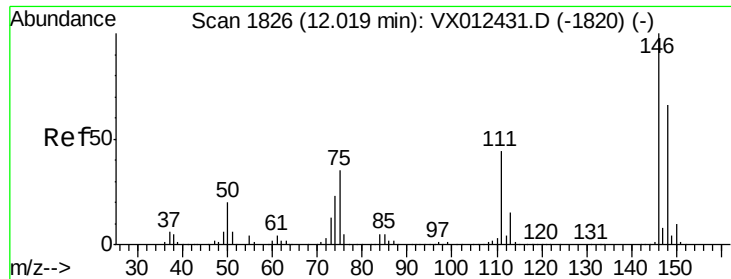
MMDadoda
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#86
 p-Isopropyltoluene
 Concen: 1.147 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX012594.D
 Acq: 23 Sep 2019 10:09

Tgt Ion:119 Resp: 8957
 Ion Ratio Lower Upper
 119 100
 134 27.5 12.4 37.4
 91 32.7 12.8 38.4





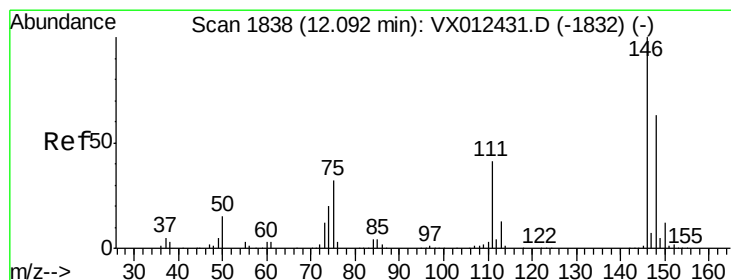
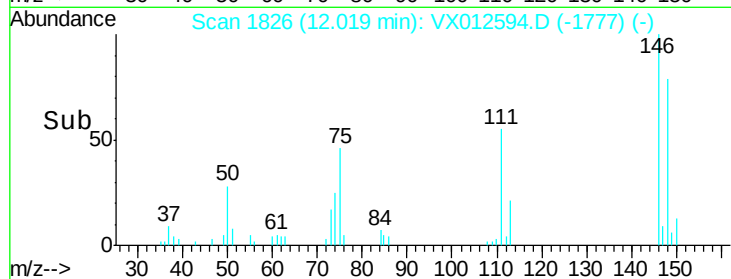
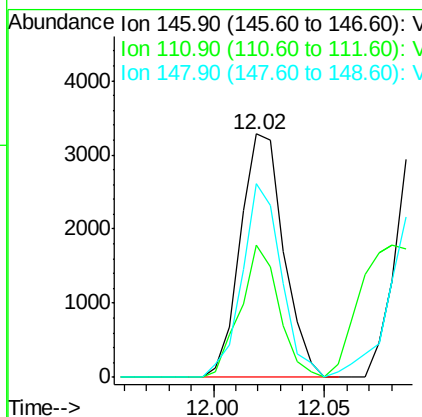
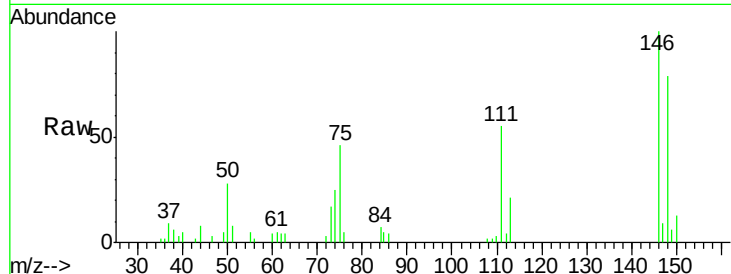
#87
 1,3-Dichlorobenzene
 Concen: 1.154 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX012594.D
 Acq: 23 Sep 2019 10:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
146	100		
111	48.6	22.3	66.9
148	72.0	31.9	95.5

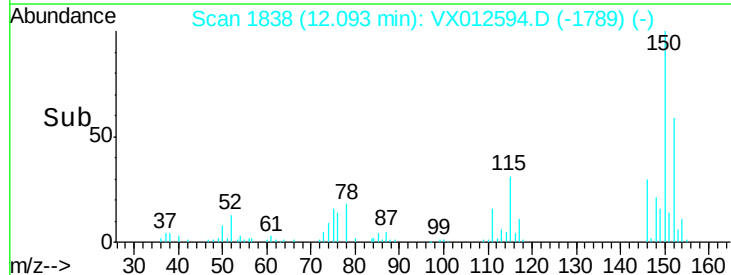
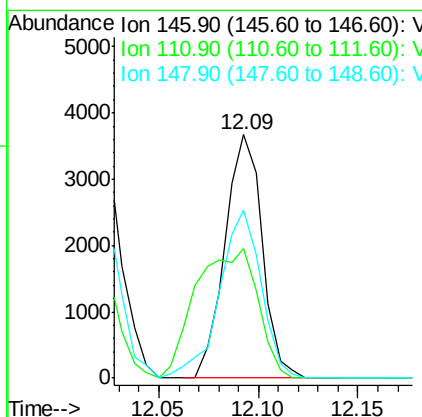
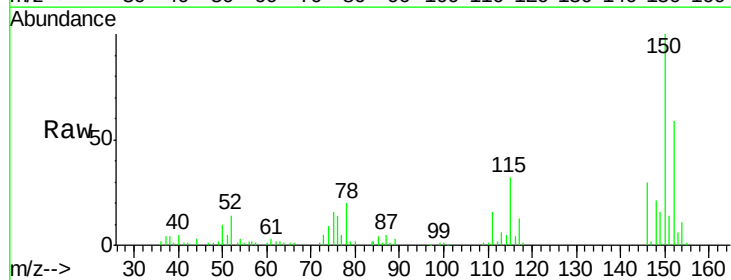
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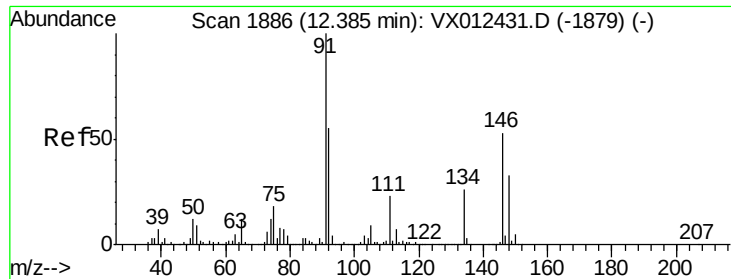
MMDadoda
 9/24/2019 10:07:37 AM



#88
 1,4-Dichlorobenzene
 Concen: 1.200 ug/l m
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX012594.D
 Acq: 23 Sep 2019 10:09

Tgt Ion	Ratio	Lower	Upper
146	100		
111	45.5	21.7	65.1
148	67.5	31.8	95.3





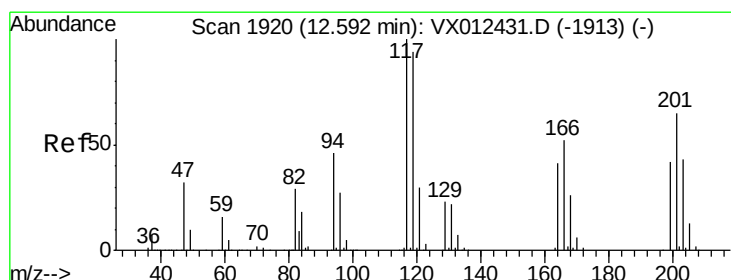
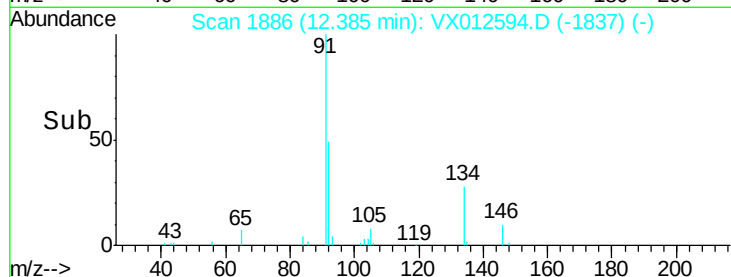
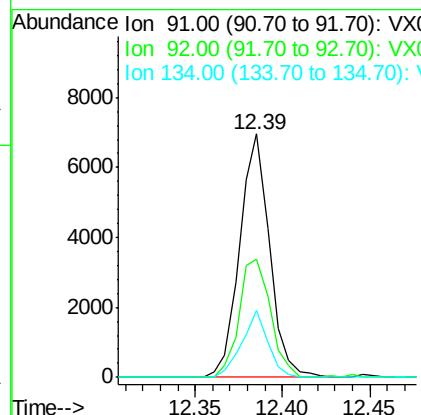
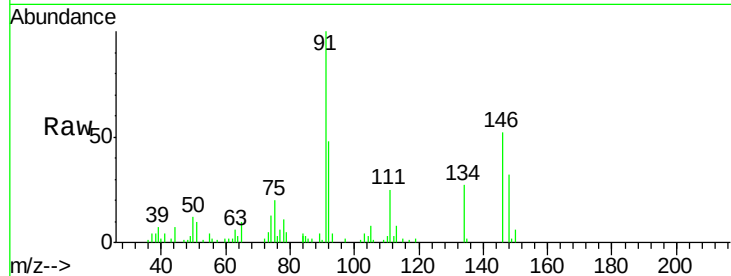
#89
n-Butylbenzene
Concen: 1.188 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX012594.D
Acq: 23 Sep 2019 10:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
91	100		
92	50.8	27.2	81.6
134	23.8	12.4	37.2

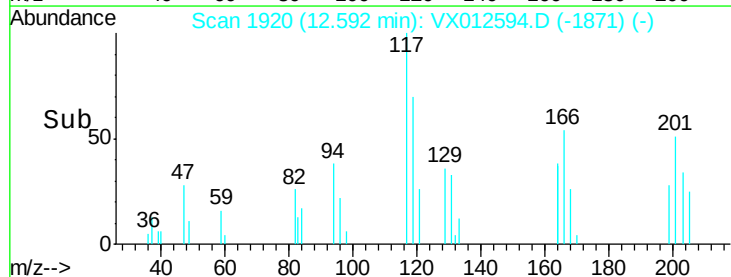
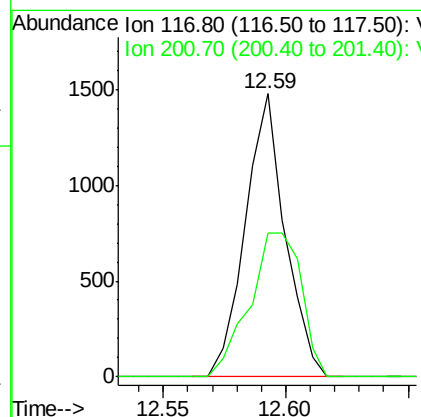
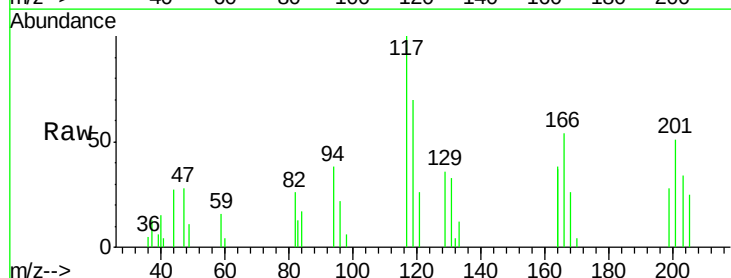
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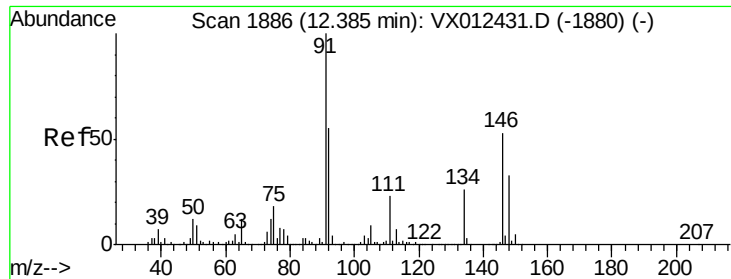
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#90
Hexachloroethane
Concen: 1.174 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX012594.D
Acq: 23 Sep 2019 10:09

Tgt Ion	Ratio	Lower	Upper
117	100		
201	66.3	34.0	101.8





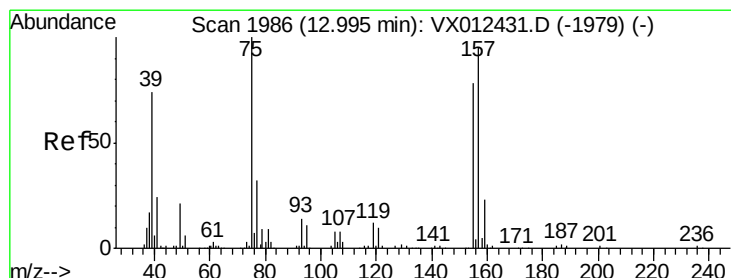
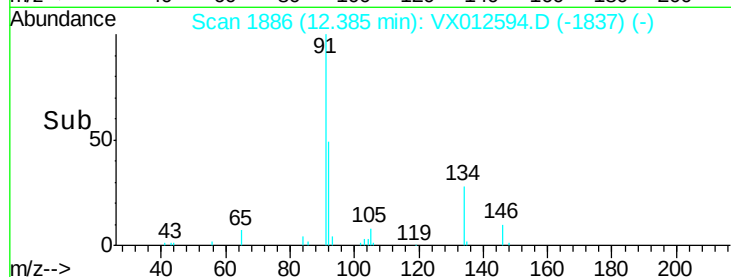
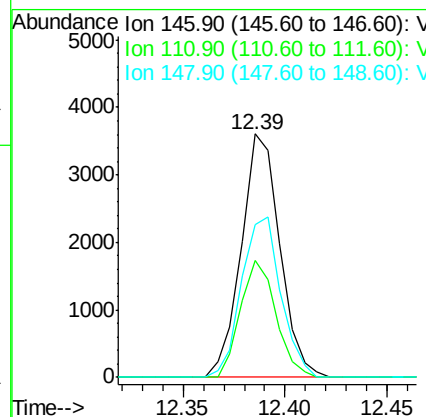
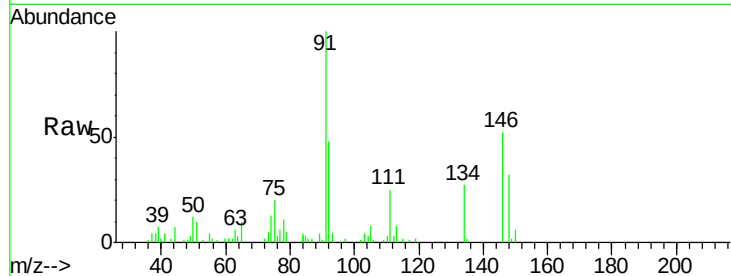
#91
 1,2-Dichlorobenzene
 Concen: 1.184 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX012594.D
 Acq: 23 Sep 2019 10:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.9	22.8	68.4
148	67.1	31.7	95.1

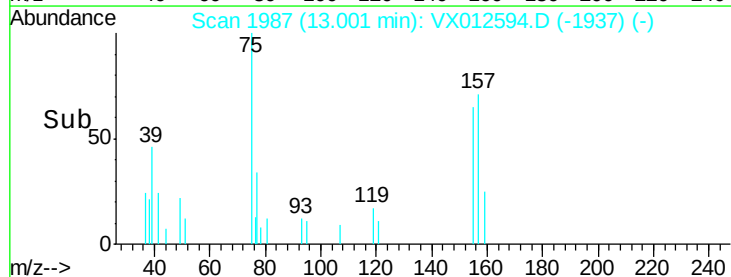
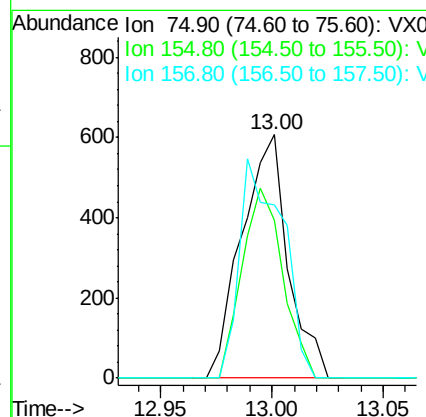
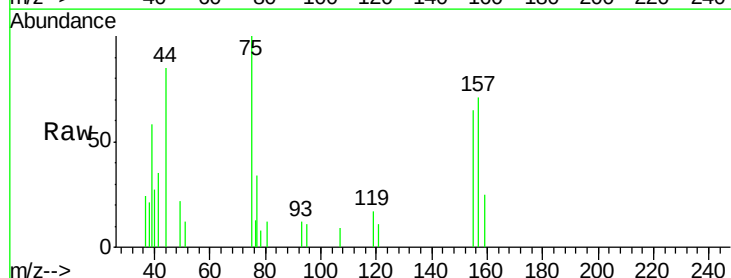
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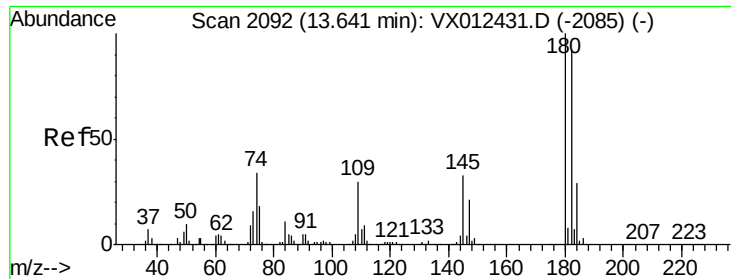
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.042 ug/l
 RT: 13.00 min Scan# 1987
 Delta R.T. 0.01 min
 Lab File: VX012594.D
 Acq: 23 Sep 2019 10:09

Tgt Ion	Ratio	Lower	Upper
75	100		
155	68.8	38.7	116.1
157	83.8	48.5	145.6





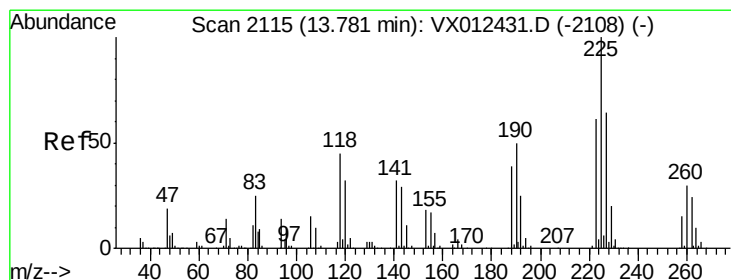
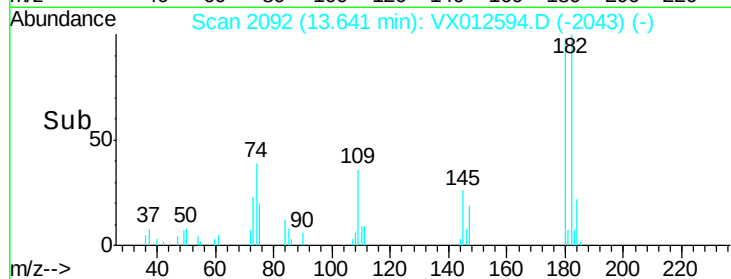
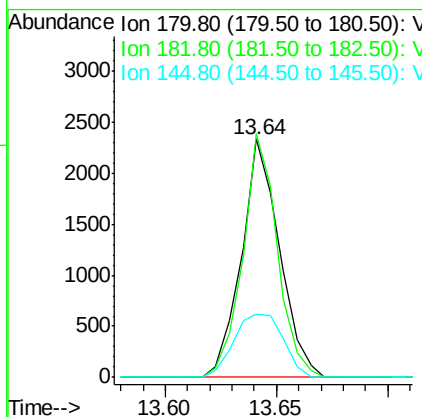
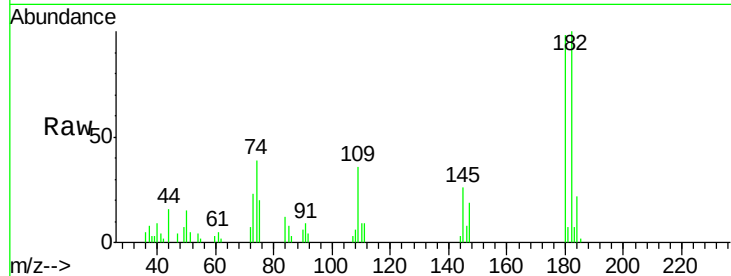
#93
 1,2,4-Trichlorobenzene
 Concen: 1.095 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX012594.D
 Acq: 23 Sep 2019 10:09

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.0	47.8	143.3
145	34.2	17.1	51.3

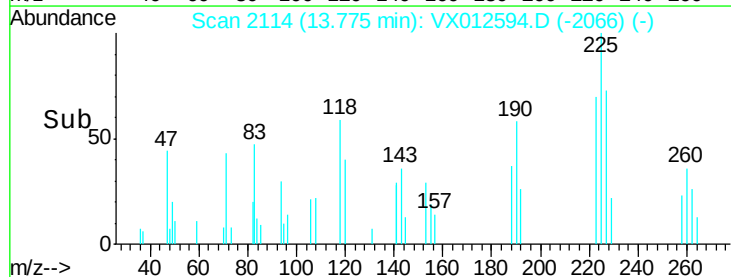
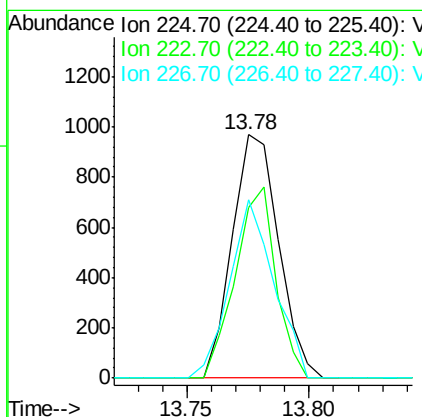
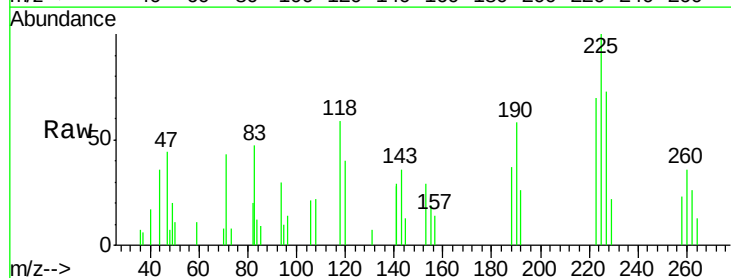
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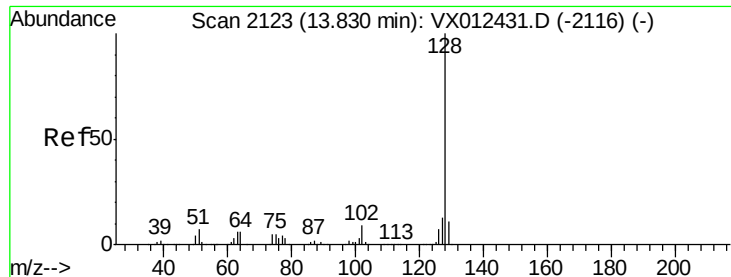
MMDadoda
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#94
 Hexachlorobutadiene
 Concen: 1.081 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.01 min
 Lab File: VX012594.D
 Acq: 23 Sep 2019 10:09

Tgt Ion	Ratio	Lower	Upper
225	100		
223	68.5	31.7	95.1
227	69.5	31.1	93.5





#95

Naphthalene

Concen: 0.962 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX012594.D

Acq: 23 Sep 2019 10:09

Instrument :

MSVOA_X

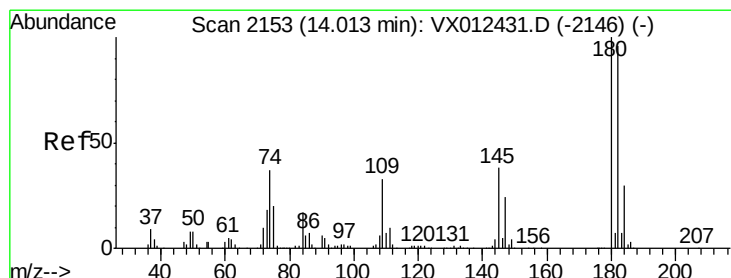
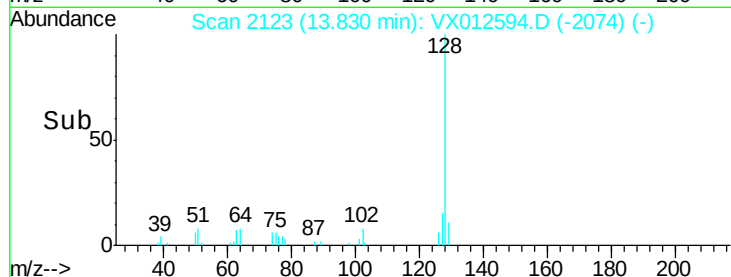
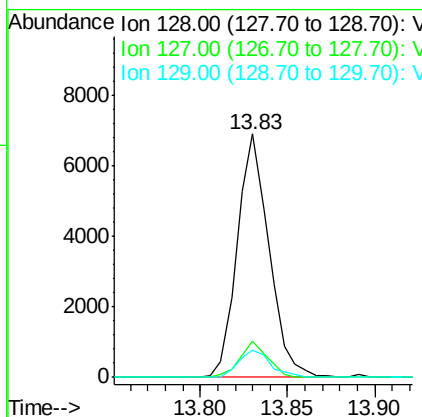
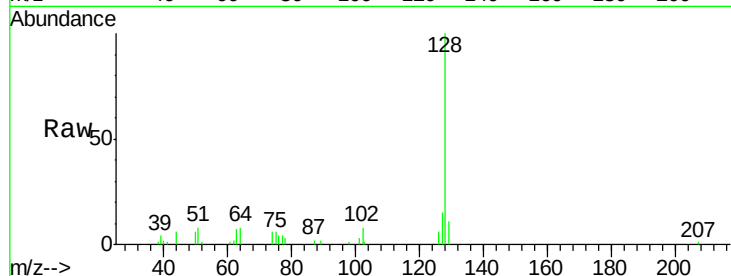
ClientSampleId :

VSTDIC001

Tot Ion:	128	Resp:	8749
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.2
129	11.3	8.6	12.8

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 1.055 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. -0.01 min

Lab File: VX012594.D

Acq: 23 Sep 2019 10:09

Tgt Ion:	180	Resp:	2730
Ion	Ratio	Lower	Upper
180	100		
182	99.0	46.8	140.3
145	33.6	18.4	55.0

