

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VO090819\
 Data File : VX012219.D
 Acq On : 08 Sep 2019 13:23
 Operator : SY/SP
 Sample : VX0908SBS02
 Misc : 5.00g/5.0mL/MSVOA X/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0908SBS02

Manual Integrations
 APPROVED

MMDadoda
 9/9/2019 8:43:05 AM

Quant Time: Sep 09 02:17:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 03 15:26:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	121629	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	216673	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	199006	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	98913	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	88809	52.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.84%	
35) Dibromofluoromethane	5.48	113	68424	51.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.70%	
50) Toluene-d8	8.71	98	256273	52.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.82%	
62) 4-Bromofluorobenzene	11.14	95	114862	50.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	23321	20.792	ug/l	93
3) Chloromethane	1.31	50	20641	17.969	ug/l	97
4) Vinyl Chloride	1.39	62	20613	19.073	ug/l	97
5) Bromomethane	1.62	94	10750	20.052	ug/l	98
6) Chloroethane	1.70	64	13618	20.270	ug/l	96
7) Trichlorofluoromethane	1.91	101	36123	21.520	ug/l	98
8) Diethyl Ether	2.17	74	12238	21.098	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.36	101	25637	20.621	ug/l #	84
10) Methyl Iodide	2.50	142	12515	15.541	ug/l	92
11) Tert butyl alcohol	3.03	59	19905	123.484	ug/l #	93
12) 1,1-Dichloroethene	2.36	96	22223	18.555	ug/l	86
13) Acrolein	2.28	56	5555	120.052	ug/l	93
14) Allyl chloride	2.71	41	43163	19.917	ug/l	95
15) Acrylonitrile	3.12	53	40094	109.996	ug/l	99
16) Acetone	2.43	43	44145	110.050	ug/l	97
17) Carbon Disulfide	2.55	76	46792	13.368	ug/l	99
18) Methyl Acetate	2.76	43	20156	21.330	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	83192	21.336	ug/l	96
20) Methylene Chloride	2.84	84	30291	18.805	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	25076	17.842	ug/l	91
22) Diisopropyl ether	3.84	45	95188	21.549	ug/l	96
23) Vinyl Acetate	3.80	43	310301	108.594	ug/l	98
24) 1,1-Dichloroethane	3.68	63	52563	20.517	ug/l	99
25) 2-Butanone	4.66	43	58249	114.076	ug/l	96
26) 2,2-Dichloropropane	4.56	77	50832	21.491	ug/l	96
27) cis-1,2-Dichloroethene	4.58	96	32537	19.750	ug/l	90
28) Bromochloromethane	5.00	49	21227	20.757	ug/l #	79
29) Tetrahydrofuran	5.12	42	33917	110.247	ug/l	98
30) Chloroform	5.20	83	58337	21.222	ug/l	100
31) Cyclohexane	5.56	56	37592	18.271	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	50199	20.967	ug/l	97
36) 1,1-Dichloropropene	5.79	75	37426	19.612	ug/l	94
37) Ethyl Acetate	4.81	43	24834	23.931	ug/l	98
38) Carbon Tetrachloride	5.77	117	41530	20.653	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	40296	18.193	ug/l	95
40) Benzene	6.13	78	109546	19.996	ug/l	97
41) Methacrylonitrile	5.02	41	15098	24.397	ug/l	93
42) 1,2-Dichloroethane	6.18	62	44825	22.736	ug/l	98
43) Isopropyl Acetate	6.43	43	49616	23.514	ug/l	98
44) Trichloroethene	7.20	130	29954	20.271	ug/l	81
45) 1,2-Dichloropropane	7.50	63	30255	21.375	ug/l	96
46) Dibromomethane	7.65	93	17330	20.973	ug/l #	75
47) Bromodichloromethane	7.89	83	45069	21.458	ug/l	98
48) Methyl methacrylate	7.76	41	24412	23.009	ug/l	95
49) 1,4-Dioxane	7.74	88	6316	436.696	ug/l #	82
51) 4-Methyl-2-Pentanone	8.64	43	134112	124.957	ug/l	98
52) Toluene	8.78	92	71957	20.187	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	45822	21.073	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	50075	20.709	ug/l	93
55) 1,1,2-Trichloroethane	9.21	97	27213	23.036	ug/l	97
56) Ethyl methacrylate	9.17	69	37293	22.040	ug/l	93
57) 1,3-Dichloropropane	9.37	76	45615	22.377	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	79177	103.791	ug/l	93
59) 2-Hexanone	9.48	43	98654	125.973	ug/l	97
60) Dibromochloromethane	9.57	129	30989	22.011	ug/l	97
61) 1,2-Dibromoethane	9.67	107	25213	22.088	ug/l	95
64) Tetrachloroethene	9.33	164	26582	21.425	ug/l	90
65) Chlorobenzene	10.14	112	84773	21.590	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	32808	22.851	ug/l	96
67) Ethyl Benzene	10.25	91	150033	20.962	ug/l	94
68) m/p-Xylenes	10.36	106	109511	41.528	ug/l	88
69) o-Xylene	10.70	106	55441	21.681	ug/l	90
70) Styrene	10.71	104	97509	21.954	ug/l	95
71) Bromoform	10.85	173	18058	22.900	ug/l #	96
73) Isopropylbenzene	11.01	105	153854	21.200	ug/l	95
74) N-amyl acetate	10.89	43	49236	22.946	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.26	83	36149	23.893	ug/l	97
76) 1,2,3-Trichloropropane	11.29	75	27368m	22.645	ug/l	
77) Bromobenzene	11.25	156	35788	22.049	ug/l	69
78) n-propylbenzene	11.35	91	184514	21.045	ug/l	94
79) 2-Chlorotoluene	11.42	91	114909	21.633	ug/l	92
80) 1,3,5-Trimethylbenzene	11.50	105	134867	21.206	ug/l	94
81) trans-1,4-Dichloro-2-buten	11.07	75	10635	20.804	ug/l	89
82) 4-Chlorotoluene	11.51	91	141294	22.317	ug/l	90
83) tert-Butylbenzene	11.76	119	135326	22.324	ug/l	91
84) 1,2,4-Trimethylbenzene	11.80	105	141918	21.711	ug/l	93
85) sec-Butylbenzene	11.94	105	159931	21.241	ug/l	94
86) p-Isopropyltoluene	12.06	119	143970	21.026	ug/l	94
87) 1,3-Dichlorobenzene	12.02	146	72375	22.253	ug/l	91
88) 1,4-Dichlorobenzene	12.09	146	73174	22.501	ug/l	93
89) n-Butylbenzene	12.39	91	139450	20.965	ug/l	96
90) Hexachloroethane	12.59	117	26598	19.454	ug/l	58
91) 1,2-Dichlorobenzene	12.39	146	69739	23.808	ug/l	93
92) 1,2-Dibromo-3-Chloropropan	12.99	75	7334	23.164	ug/l	64

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VX0908SBSD02

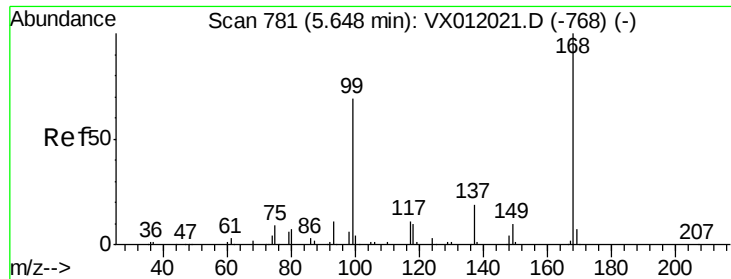
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	47025	22.555	ug/l	96
94) Hexachlorobutadiene	13.78	225	23282	22.153	ug/l	97
95) Naphthalene	13.83	128	106807	23.670	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	42422	23.128	ug/l	95

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX012219.D

Acq: 08 Sep 2019 13:23

Instrument :

MSVOA_X

ClientSampleId :

VX0908SBS02

Tot Ion:168 Resp: 121629

Ion Ratio Lower Upper

168 100

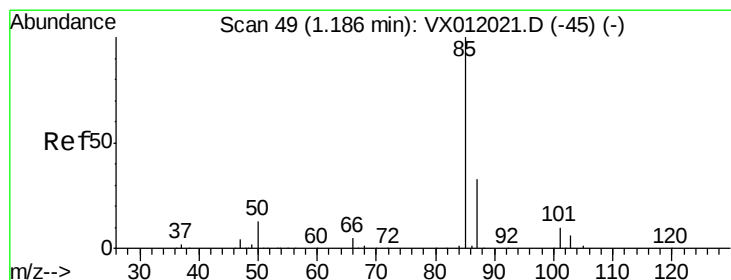
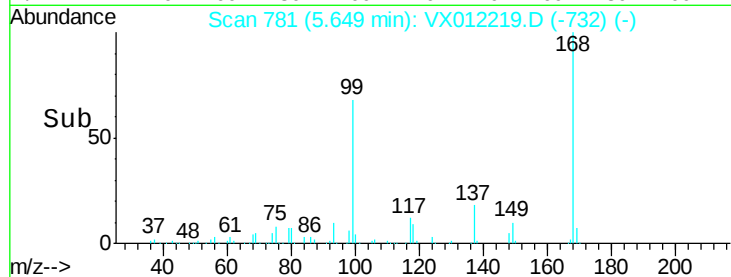
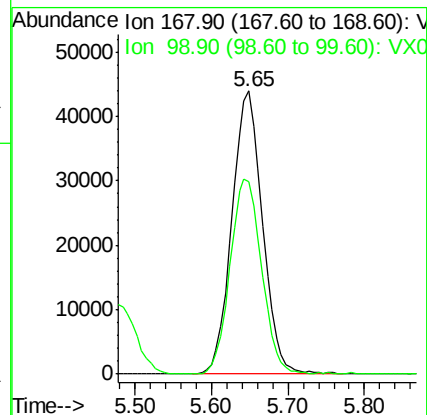
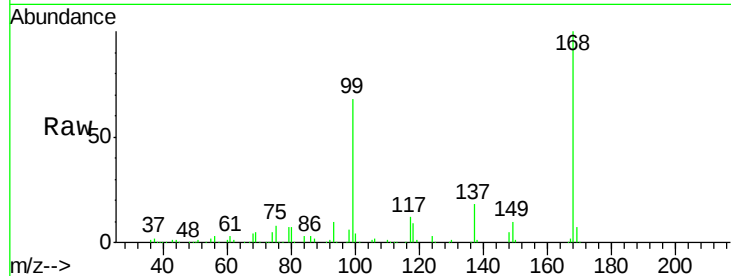
99 67.7 37.6 56.4#

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 20.792 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.00 min

Lab File: VX012219.D

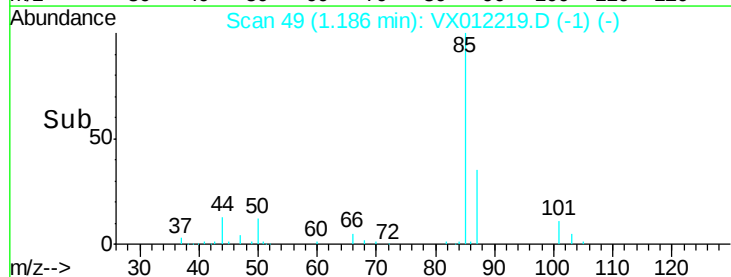
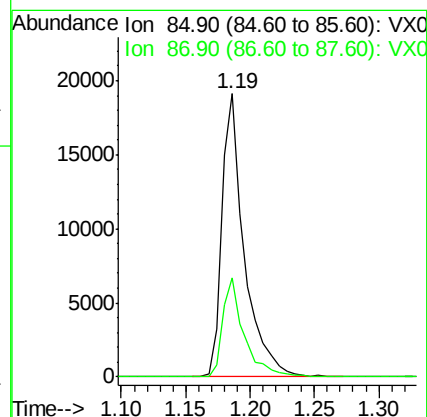
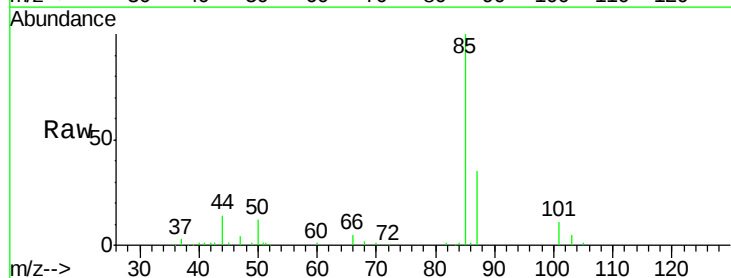
Acq: 08 Sep 2019 13:23

Tgt Ion: 85 Resp: 23321

Ion Ratio Lower Upper

85 100

87 35.2 15.6 46.8





#3

Chloromethane

Concen: 17.969 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX012219.D

Acq: 08 Sep 2019 13:23

Instrument :

MSVOA_X

ClientSampleId :

VX0908SBS02

Tot Ion: 50 Resp: 20641

Ion Ratio Lower Upper

50 100

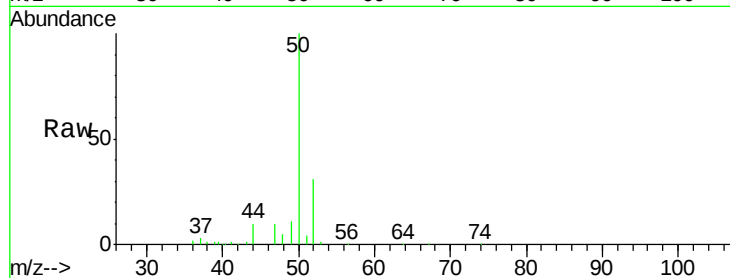
52 31.3 26.5 39.7

Manual Integrations

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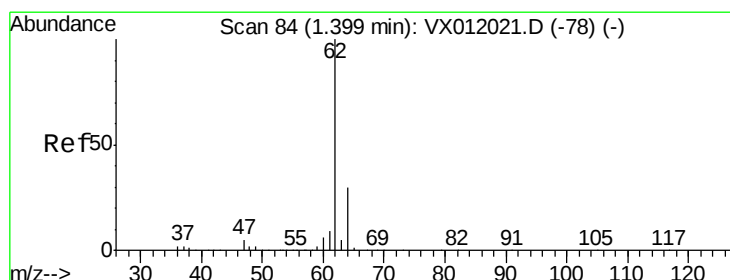
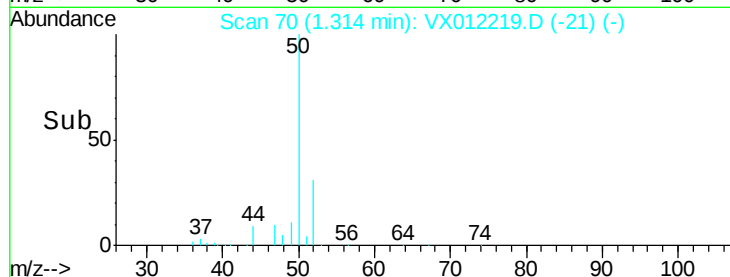
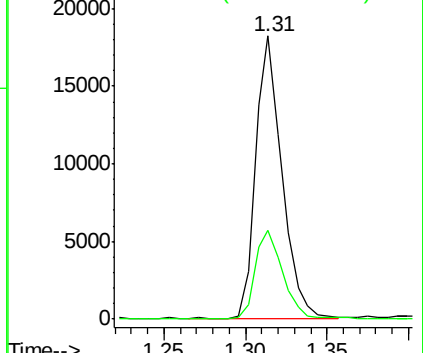
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 19.073 ug/l

RT: 1.39 min Scan# 83

Delta R.T. -0.00 min

Lab File: VX012219.D

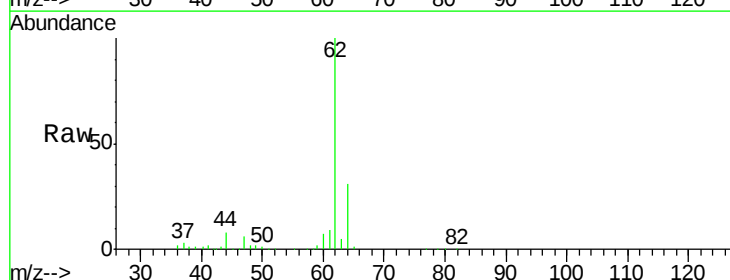
Acq: 08 Sep 2019 13:23

Tgt Ion: 62 Resp: 20613

Ion Ratio Lower Upper

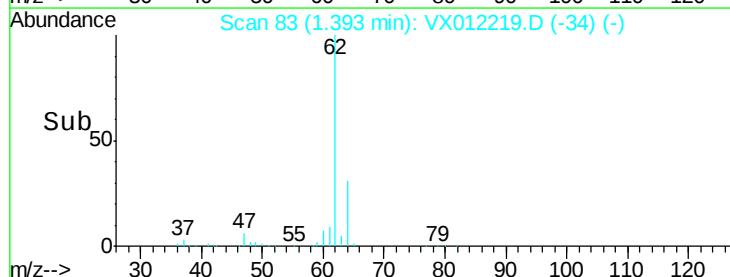
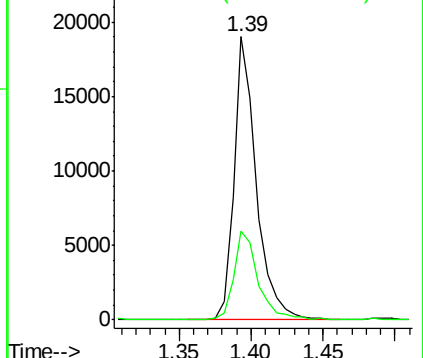
62 100

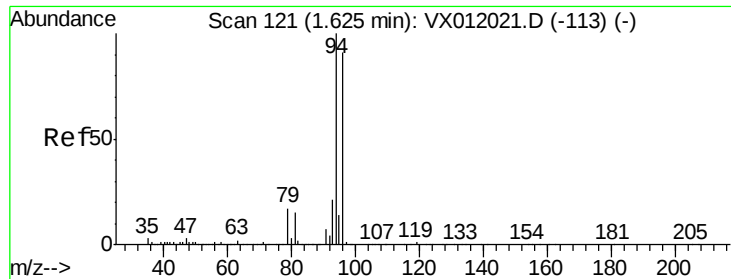
64 31.2 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 20.052 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX012219.D

Acq: 08 Sep 2019 13:23

Instrument :

MSVOA_X

ClientSampleId :

VX0908SBS02

Tot Ion: 94 Resp: 10750

Ion Ratio Lower Upper

94 100

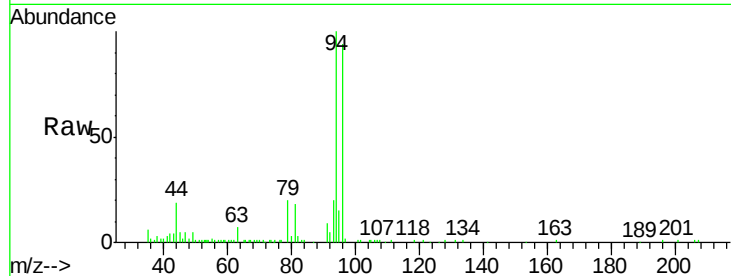
96 93.3 76.3 114.5

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

12000

10000

8000

6000

4000

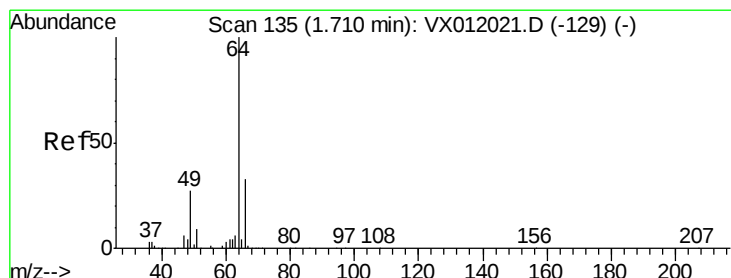
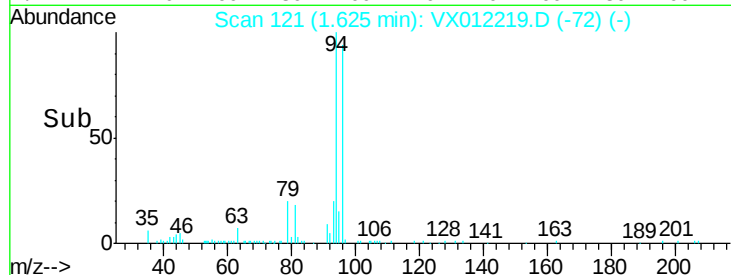
2000

0

Time--> 1.50

1.60

1.70



#6

Chloroethane

Concen: 20.270 ug/l

RT: 1.70 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX012219.D

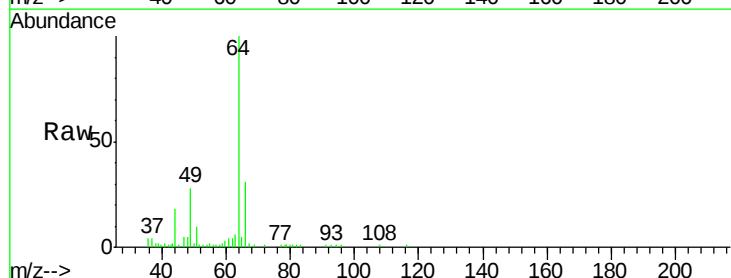
Acq: 08 Sep 2019 13:23

Tgt Ion: 64 Resp: 13618

Ion Ratio Lower Upper

64 100

66 30.5 26.3 39.5



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

10000

8000

6000

4000

2000

0

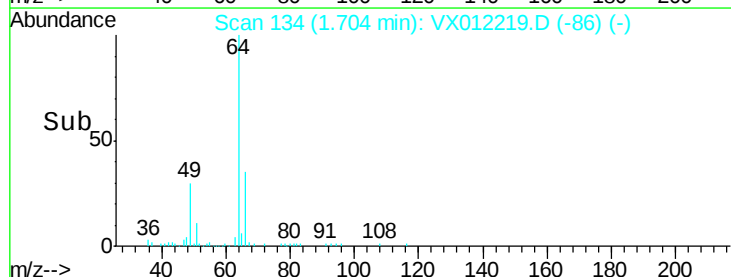
Time--> 1.65

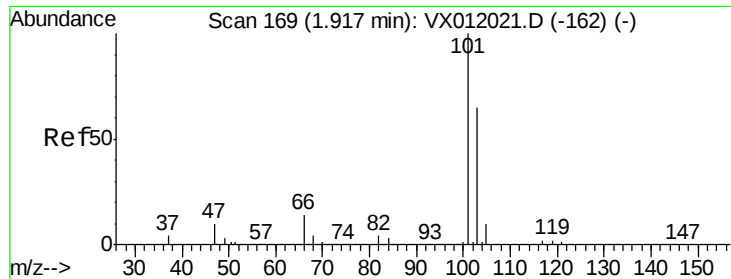
1.70

1.75

1.80

1.85





#7

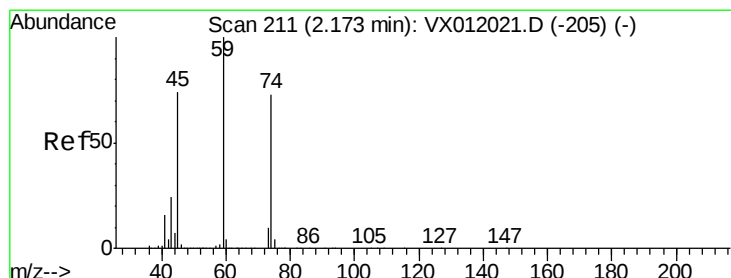
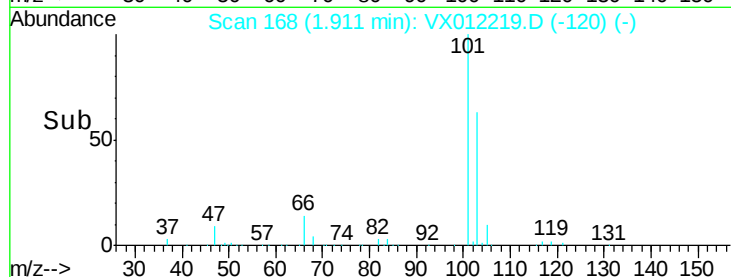
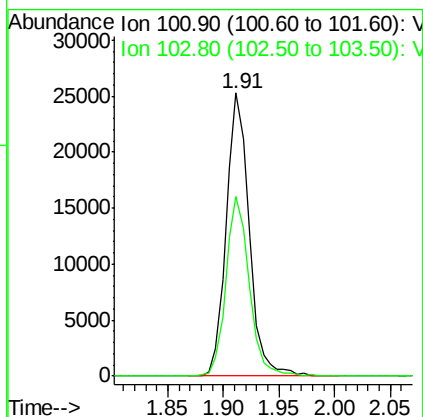
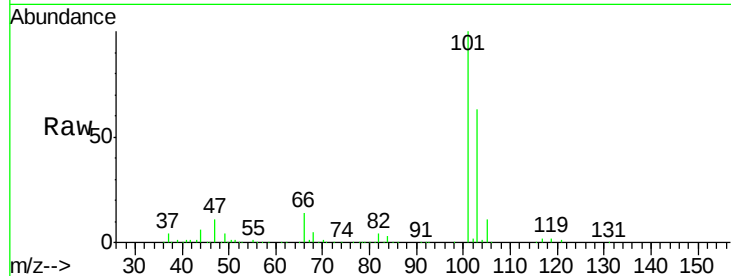
Trichlorofluoromethane
 Concen: 21.520 ug/l
 RT: 1.91 min Scan# 168
 Delta R.T. -0.01 min
 Lab File: VX012219.D
 Acq: 08 Sep 2019 13:23

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 VX0908SBS02

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.3	51.6	77.4

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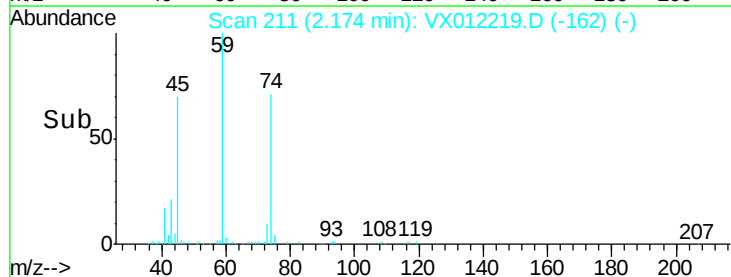
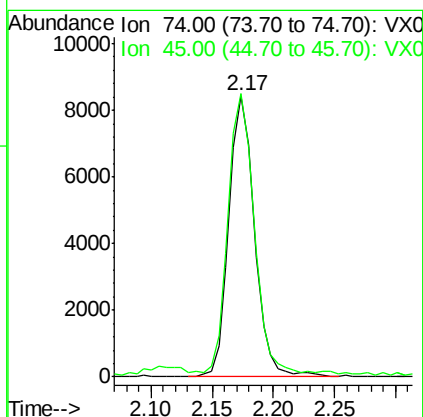
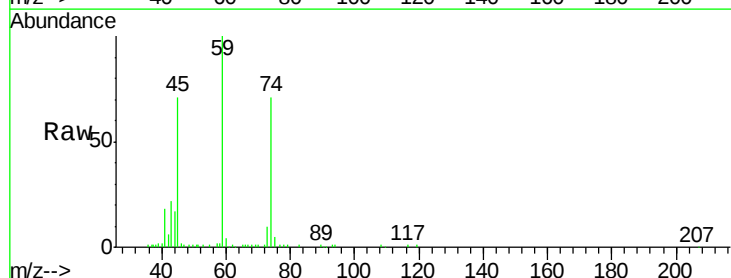
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 9/9/2019 8:43:05 AM

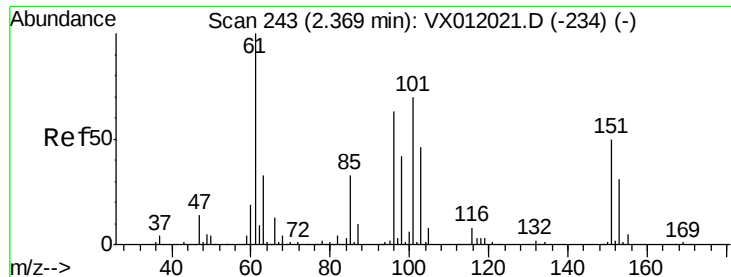


#8

Diethyl Ether
 Concen: 21.098 ug/l
 RT: 2.17 min Scan# 211
 Delta R.T. -0.00 min
 Lab File: VX012219.D
 Acq: 08 Sep 2019 13:23

Tgt Ion	Ratio	Lower	Upper
74	100		
45	100.2	45.9	137.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.621 ug/l

RT: 2.36 min Scan# 242

Delta R.T. -0.01 min

Lab File: VX012219.D

Acq: 08 Sep 2019 13:23

Instrument :

MSVOA_X

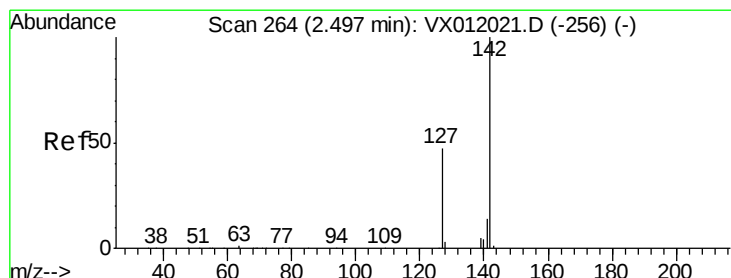
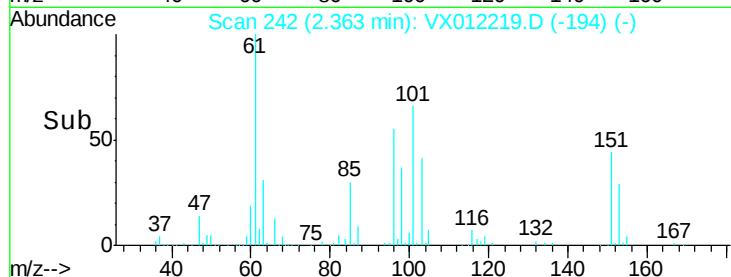
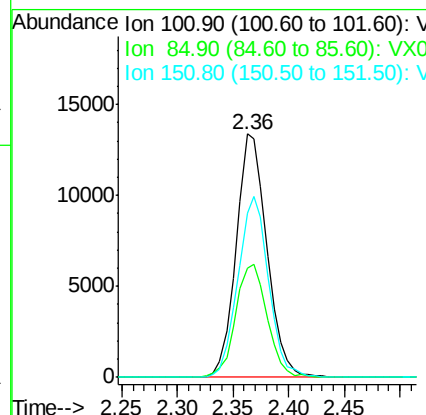
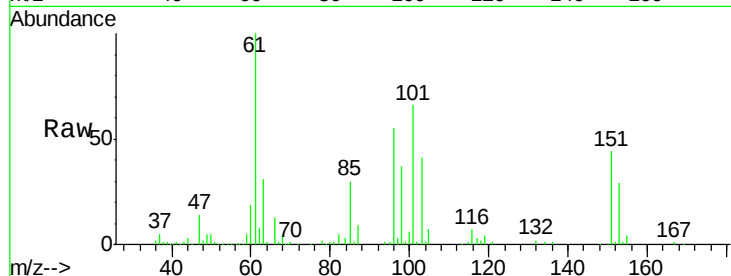
ClientSampleId :

VX0908SBS02

Tot Ion	Ratio	Resp	Lower	Upper
101	100	25637		
85	47.5		34.5	51.7
151	73.6		75.0	112.4

Manual Integrations
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#10

Methyl Iodide

Concen: 15.541 ug/l

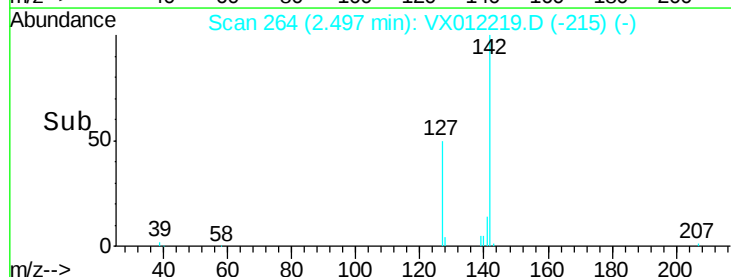
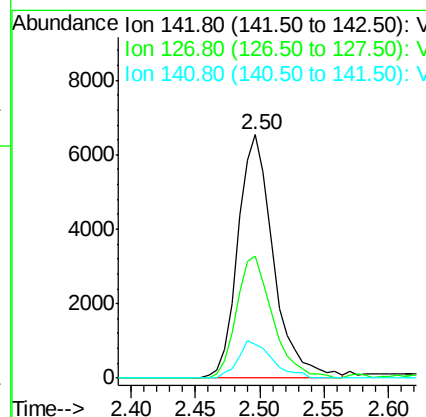
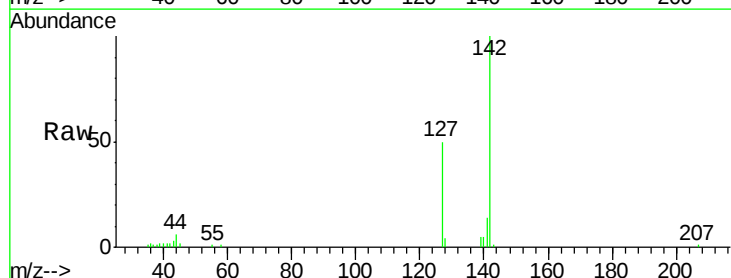
RT: 2.50 min Scan# 264

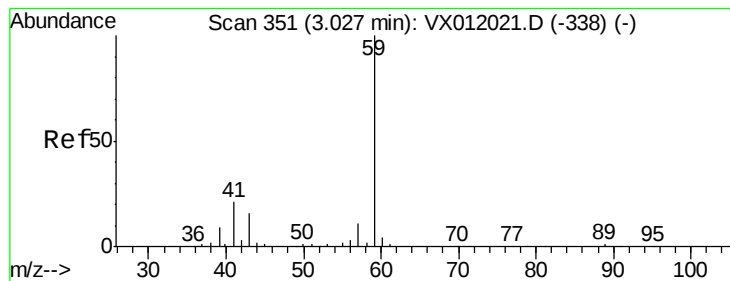
Delta R.T. 0.00 min

Lab File: VX012219.D

Acq: 08 Sep 2019 13:23

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	12515		
127	50.7		35.4	53.2
141	14.7		11.4	17.2





#11

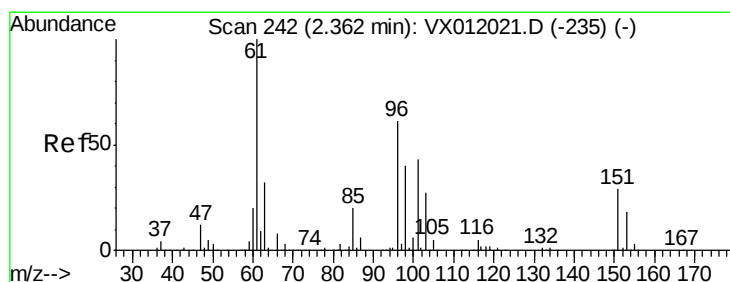
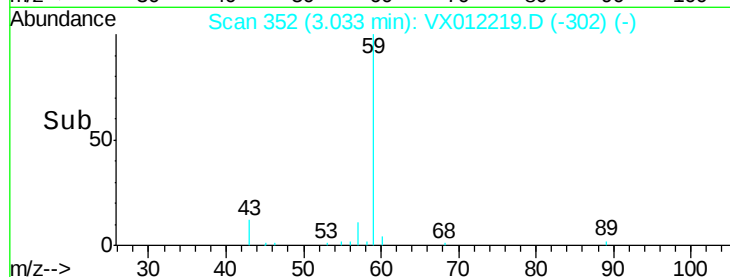
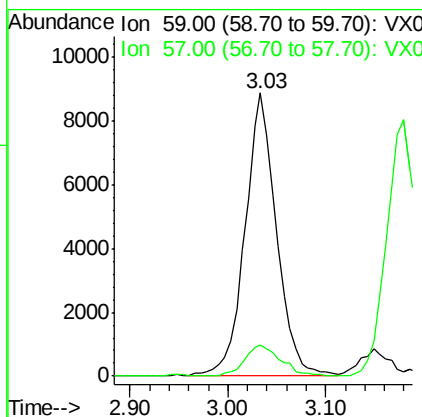
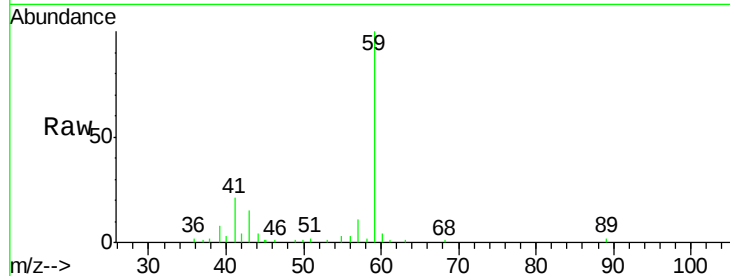
Tert butyl alcohol
 Concen: 123.484 ug/l
 RT: 3.03 min Scan# 352
 Delta R.T. 0.01 min
 Lab File: VX012219.D
 Acq: 08 Sep 2019 13:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0908SBS02

Tot Ion	Ratio	Lower	Upper
59	100		
57	12.4	7.9	11.9#

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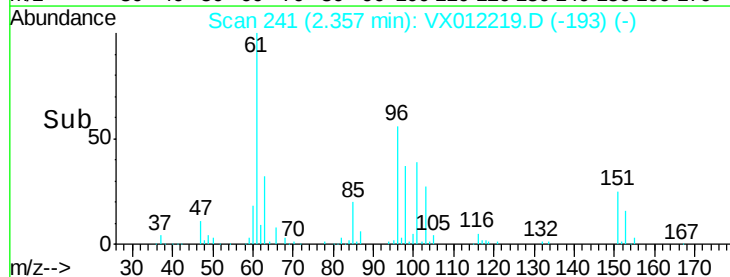
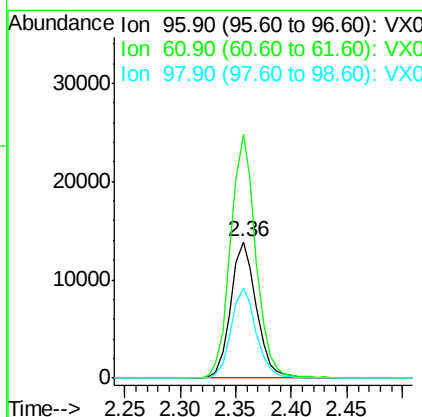
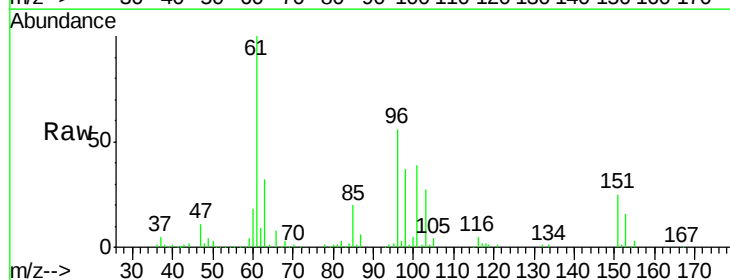
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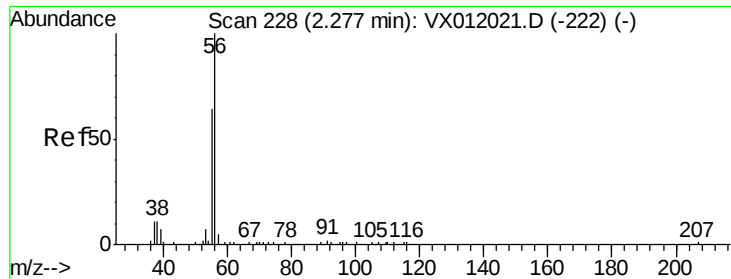


#12

1,1-Dichloroethene
 Concen: 18.555 ug/l
 RT: 2.36 min Scan# 241
 Delta R.T. -0.01 min
 Lab File: VX012219.D
 Acq: 08 Sep 2019 13:23

Tgt Ion	Ratio	Lower	Upper
96	100		
61	178.3	124.1	186.1
98	65.6	50.2	75.2





#13

Acrolein

Concen: 120.052 ug/l

RT: 2.28 min Scan# 228

Delta R.T. 0.00 min

Lab File: VX012219.D

Acq: 08 Sep 2019 13:23

Instrument :

MSVOA_X

ClientSampleId :

VX0908SBS02

Tot Ion: 56 Resp: 5555

Ion Ratio Lower Upper

56 100

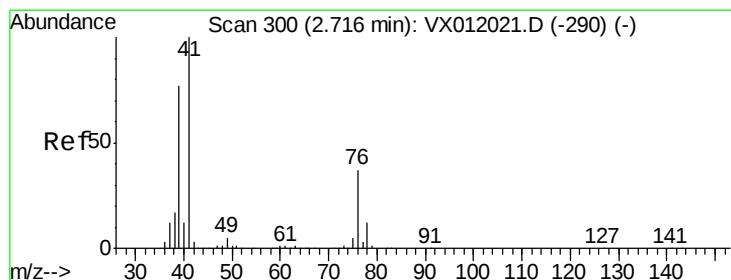
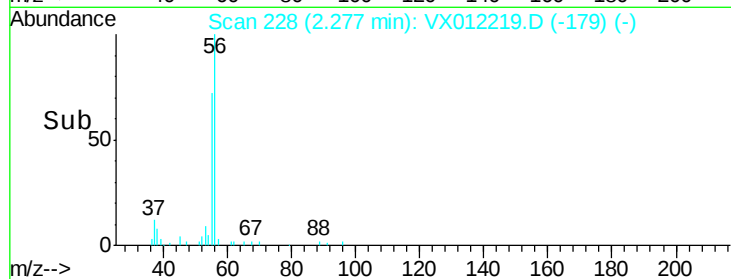
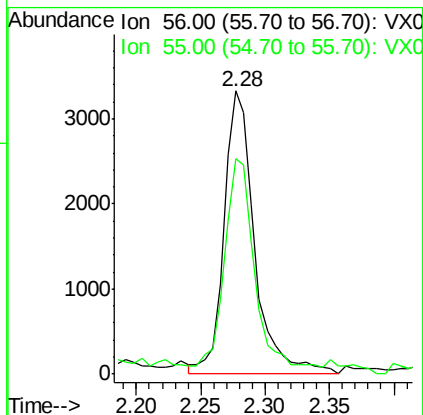
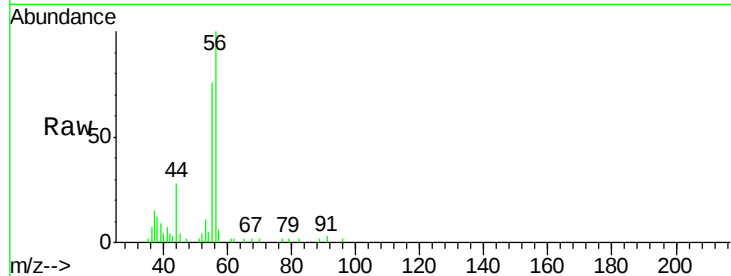
55 67.8 59.2 88.8

Manual Integrations

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#14

Allyl chloride

Concen: 19.917 ug/l

RT: 2.71 min Scan# 299

Delta R.T. -0.01 min

Lab File: VX012219.D

Acq: 08 Sep 2019 13:23

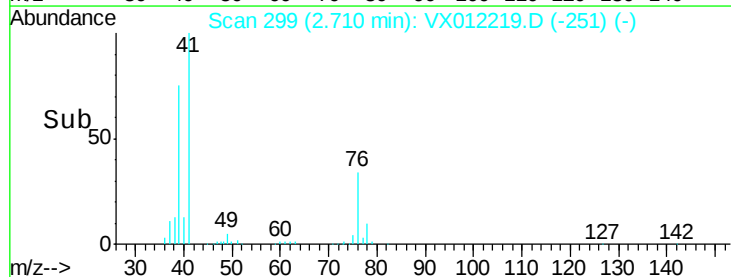
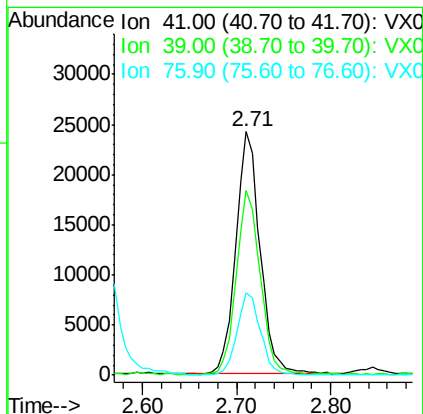
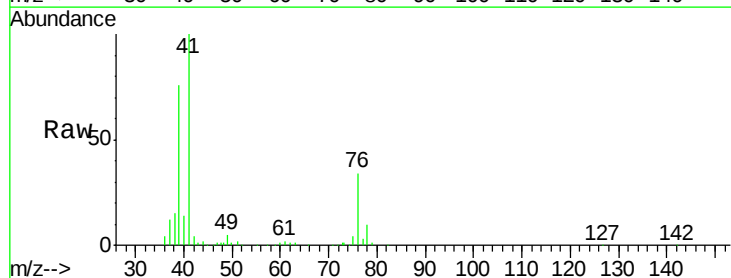
Tgt Ion: 41 Resp: 43163

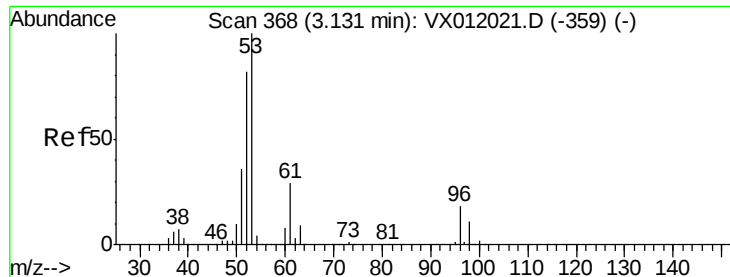
Ion Ratio Lower Upper

41 100

39 76.2 57.9 86.9

76 32.9 28.5 42.7





#15

Acrylonitrile

Concen: 109.996 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.00 min

Lab File: VX012219.D

Acq: 08 Sep 2019 13:23

Instrument :

MSVOA_X

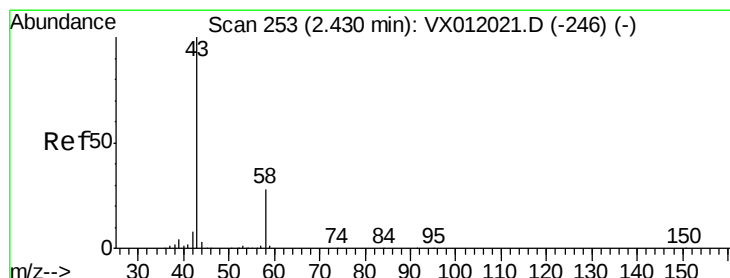
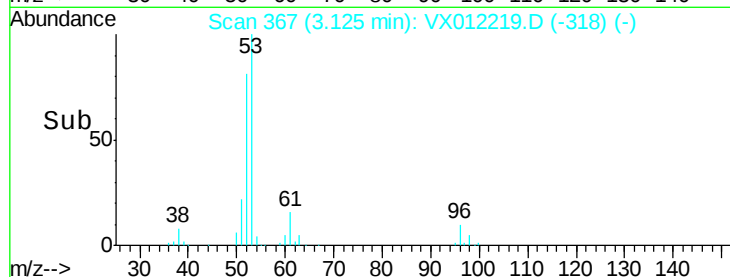
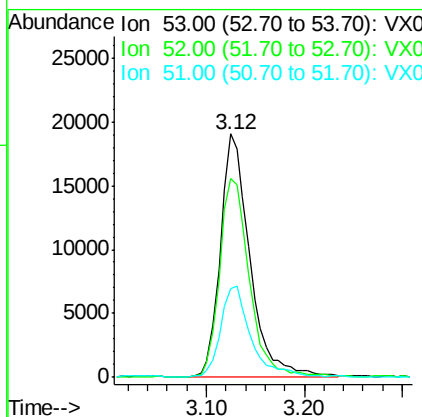
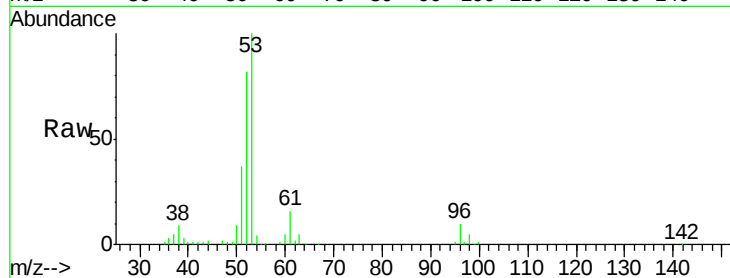
ClientSampleId :

VX0908SBS02

Tot Ion:	53	Resp:	40094
Ion	Ratio	Lower	Upper
53	100		
52	82.8	65.6	98.4
51	38.8	29.8	44.6

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#16

Acetone

Concen: 110.050 ug/l

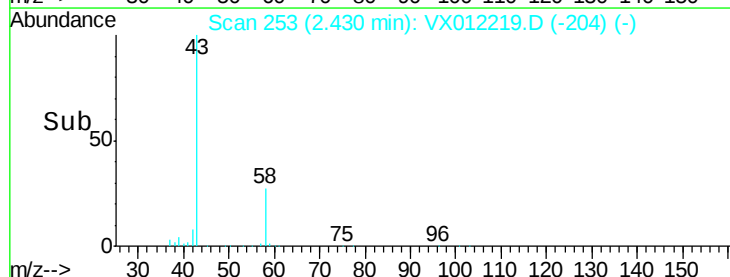
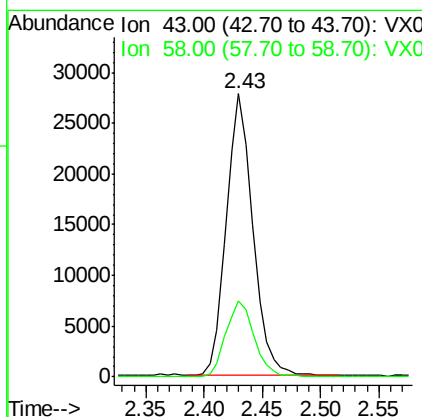
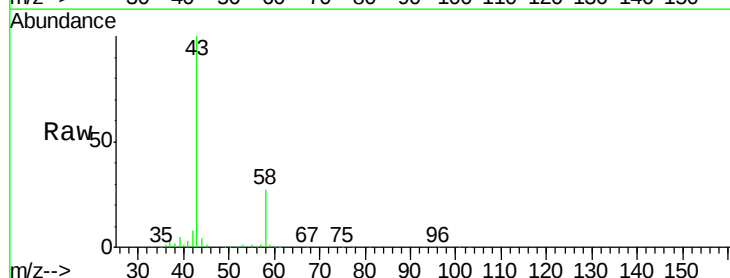
RT: 2.43 min Scan# 253

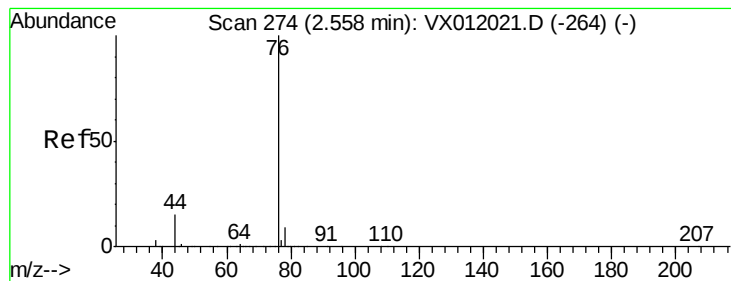
Delta R.T. -0.00 min

Lab File: VX012219.D

Acq: 08 Sep 2019 13:23

Tgt Ion:	43	Resp:	44145
Ion	Ratio	Lower	Upper
43	100		
58	27.2	22.8	34.2





#17

Carbon Disulfide

Concen: 13.368 ug/l

RT: 2.55 min Scan# 273

Delta R.T. -0.01 min

Lab File: VX012219.D

Acq: 08 Sep 2019 13:23

Instrument :

MSVOA_X

ClientSampleId :

VX0908SBS02

Tot Ion: 76 Resp: 46792

Ion Ratio Lower Upper

76 100

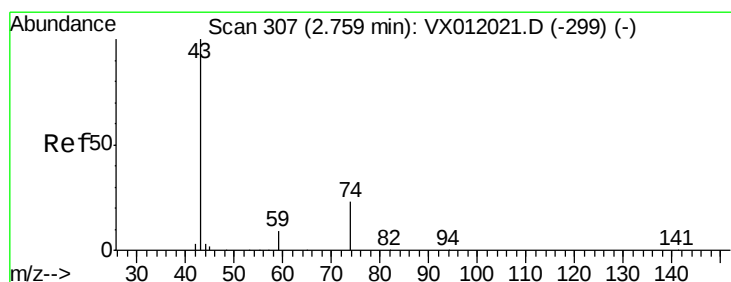
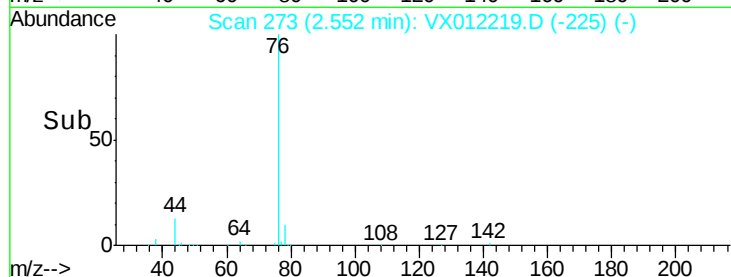
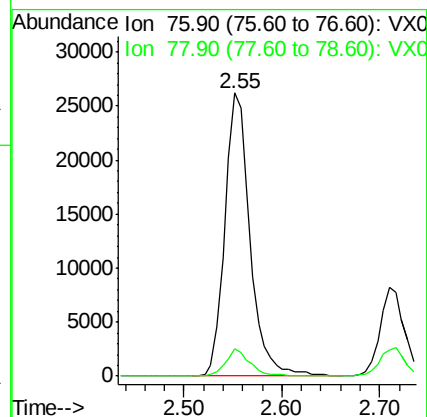
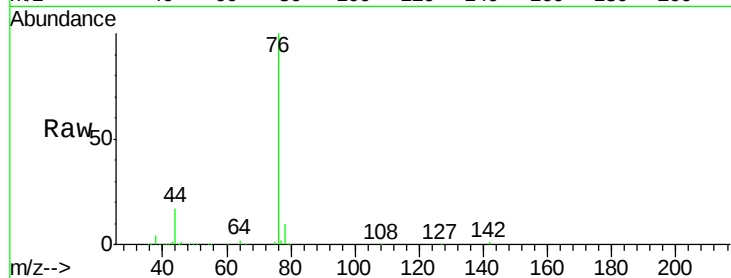
78 9.8 7.4 11.2

Manual Integrations

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#18

Methyl Acetate

Concen: 21.330 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.00 min

Lab File: VX012219.D

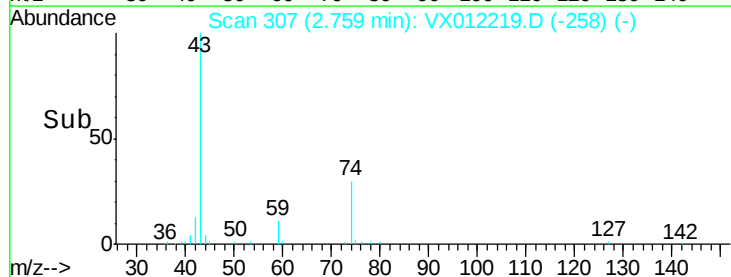
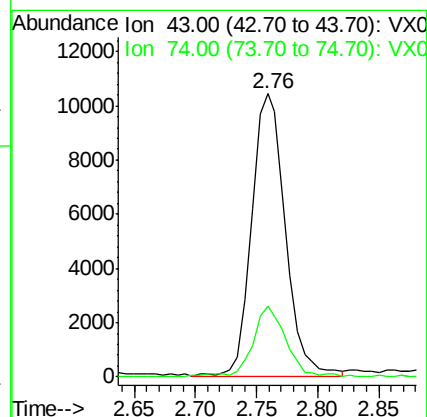
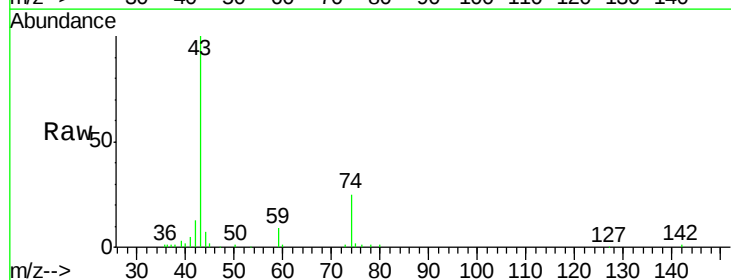
Acq: 08 Sep 2019 13:23

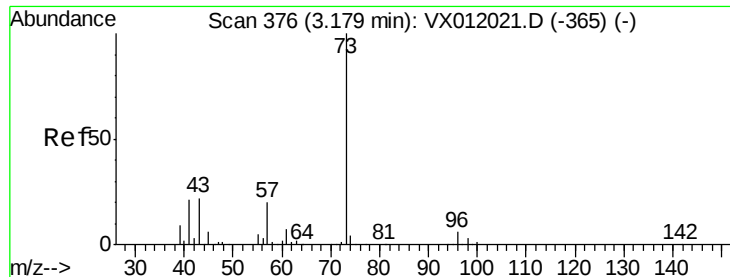
Tgt Ion: 43 Resp: 20156

Ion Ratio Lower Upper

43 100

74 24.8 19.5 29.3





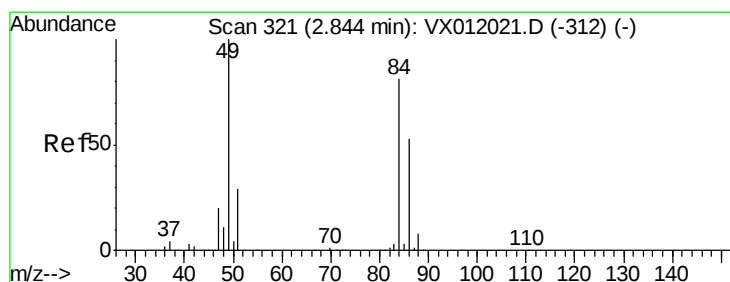
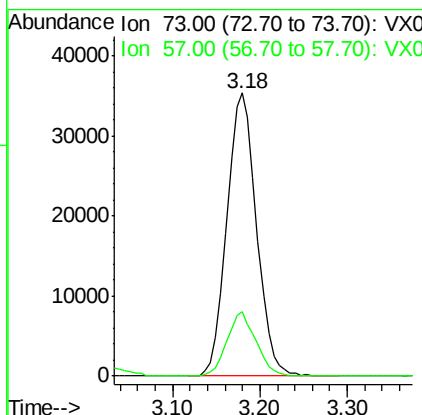
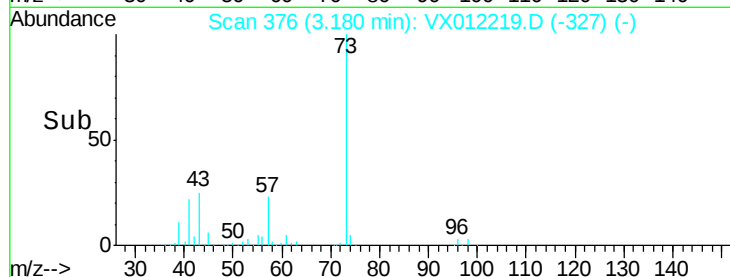
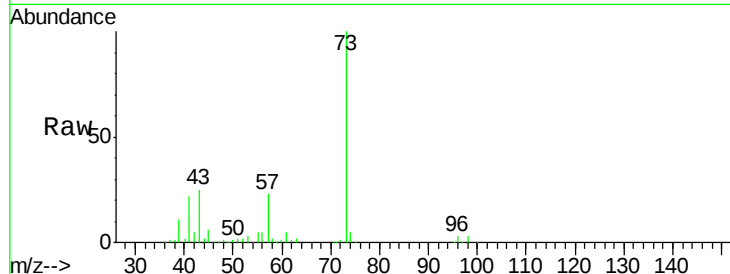
#19
Methvl tert-butvl Ether
Concen: 21.336 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.00 min
Lab File: VX012219.D
Acq: 08 Sep 2019 13:23

Instrument :
MSVOA_X
ClientSampleId :
VX0908SBS02

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.7	16.6	25.0

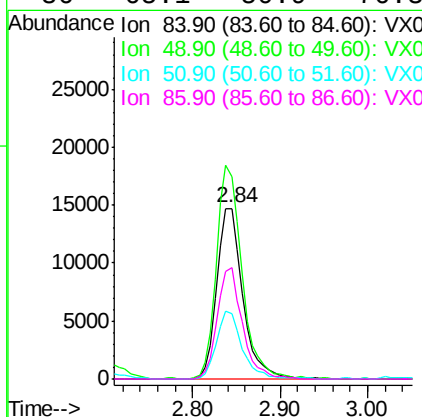
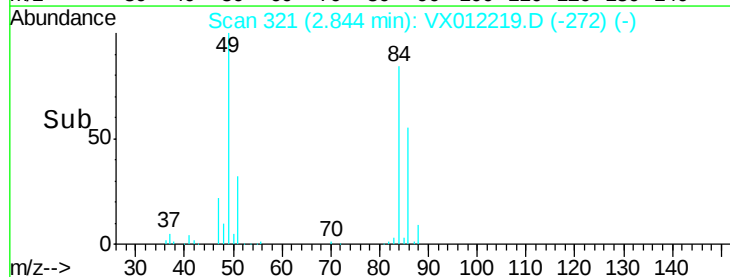
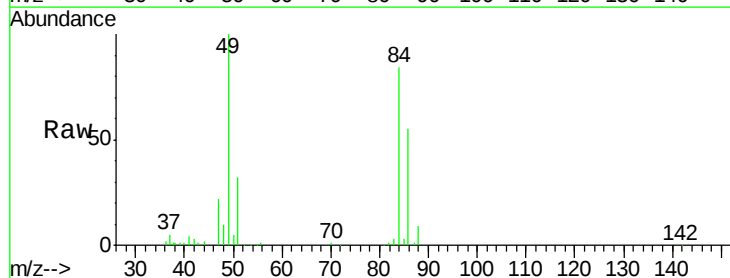
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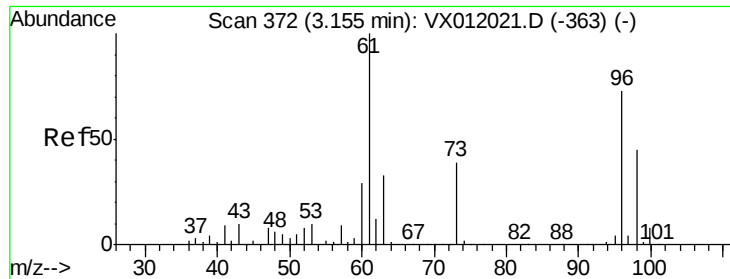
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#20
Methylene Chloride
Concen: 18.805 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX012219.D
Acq: 08 Sep 2019 13:23

Tgt Ion	Ratio	Lower	Upper
84	100		
49	118.6	95.8	143.8
51	38.1	28.6	43.0
86	65.1	50.9	76.3





#21

trans-1,2-Dichloroethene

Concen: 17.842 ug/l

RT: 3.15 min Scan# 371

Delta R.T. -0.00 min

Lab File: VX012219.D

Acq: 08 Sep 2019 13:23

Instrument :

MSVOA_X

ClientSampleId :

VX0908SBS02

Tot Ion: 96 Resp: 25076

Ion Ratio Lower Upper

96 100

61 149.2 107.0 160.6

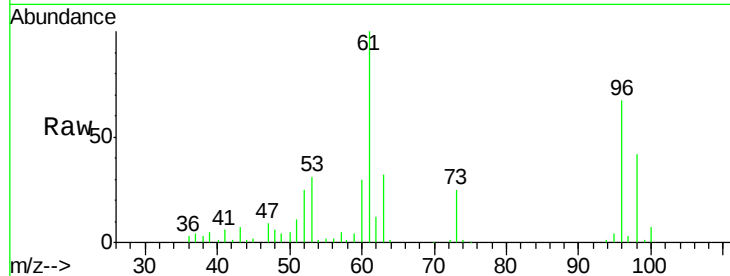
98 62.5 49.8 74.6

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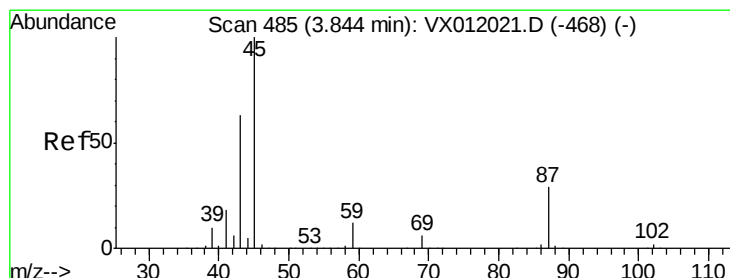
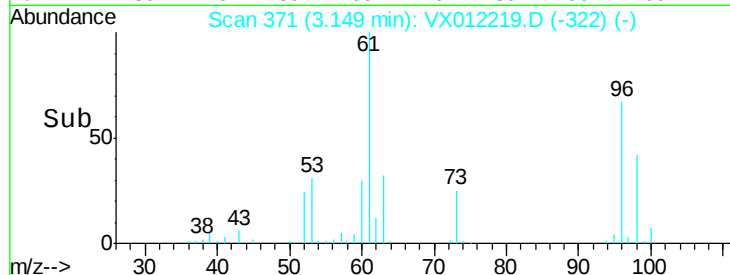
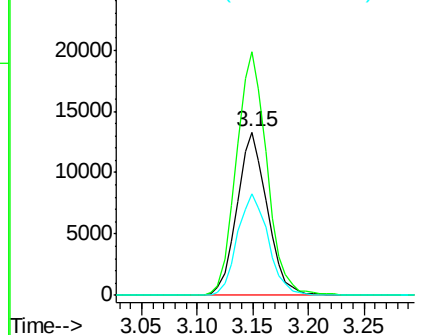
9/9/2019 8:43:05 AM



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 21.549 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.00 min

Lab File: VX012219.D

Acq: 08 Sep 2019 13:23

Tgt Ion: 45 Resp: 95188

Ion Ratio Lower Upper

45 100

43 71.7 54.2 81.4

87 27.7 23.4 35.0

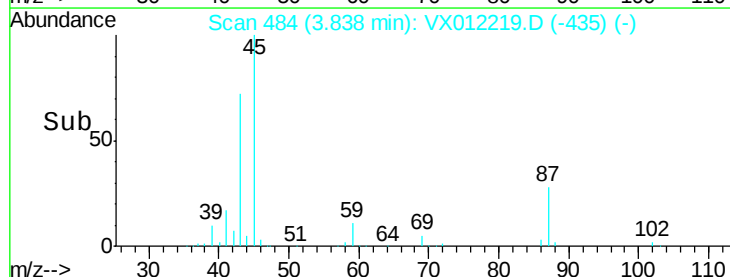
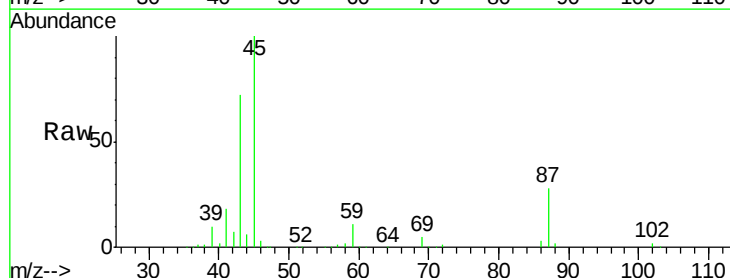
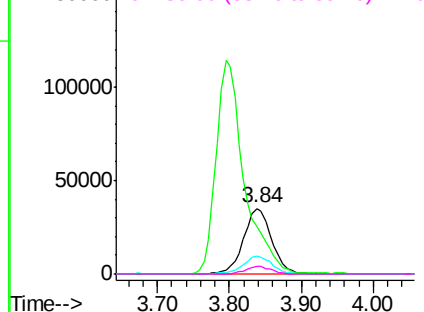
59 11.1 9.0 13.6

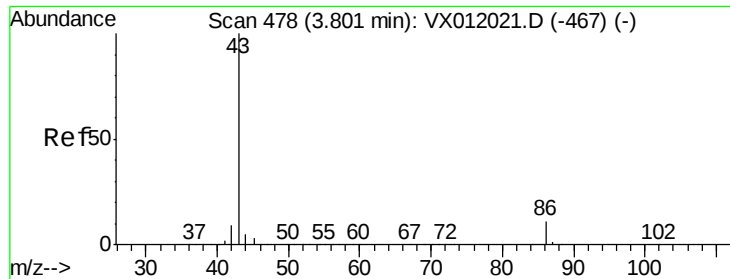
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 108.594 ug/l

RT: 3.80 min Scan# 477

Delta R.T. -0.01 min

Lab File: VX012219.D

Acq: 08 Sep 2019 13:23

Instrument :

MSVOA_X

ClientSampleId :

VX0908SBS02

Tot Ion: 43 Resp: 310301

Ion Ratio Lower Upper

43 100

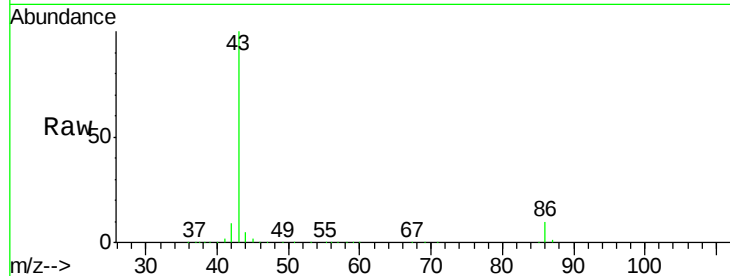
86 10.4 9.0 13.6

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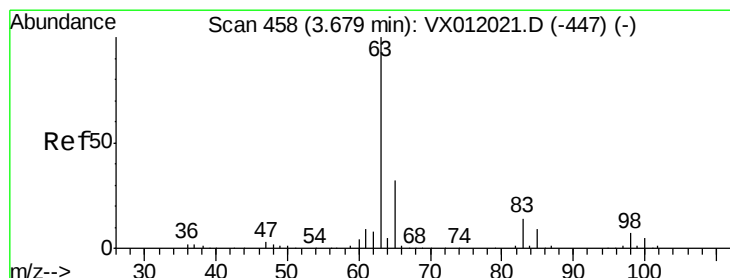
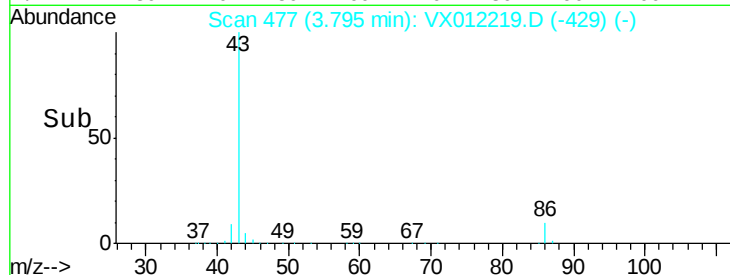
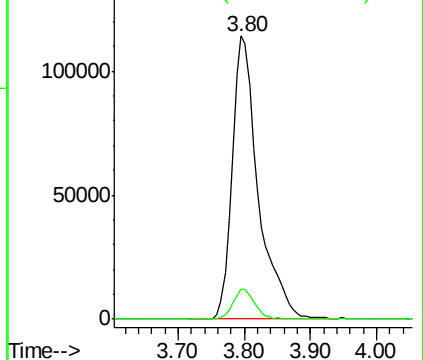
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 20.517 ug/l

RT: 3.68 min Scan# 458

Delta R.T. -0.00 min

Lab File: VX012219.D

Acq: 08 Sep 2019 13:23

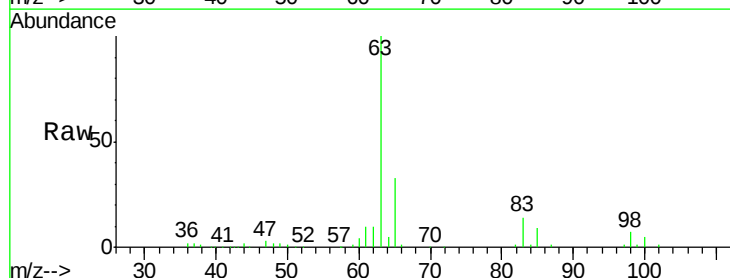
Tgt Ion: 63 Resp: 52563

Ion Ratio Lower Upper

63 100

98 7.2 3.9 11.7

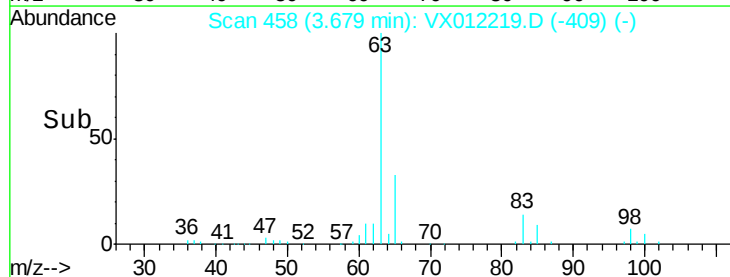
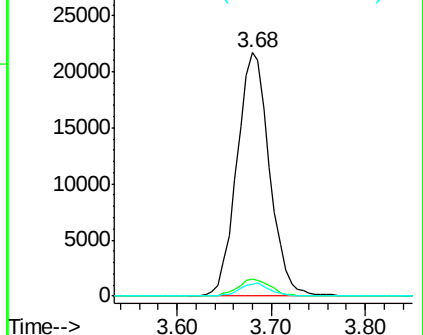
100 4.8 2.5 7.4

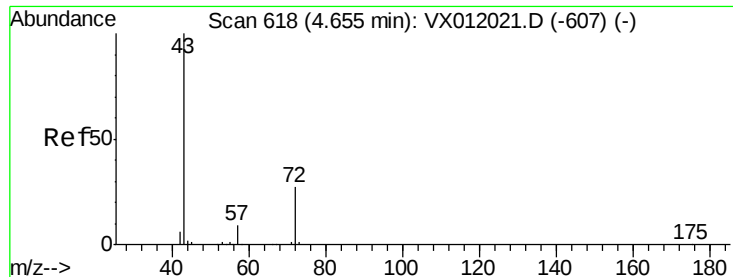


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 114.076 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.01 min

Lab File: VX012219.D

Acq: 08 Sep 2019 13:23

Instrument :

MSVOA_X

ClientSampleId :

VX0908SBS02

Tot Ion: 43 Resp: 58249

Ion Ratio Lower Upper

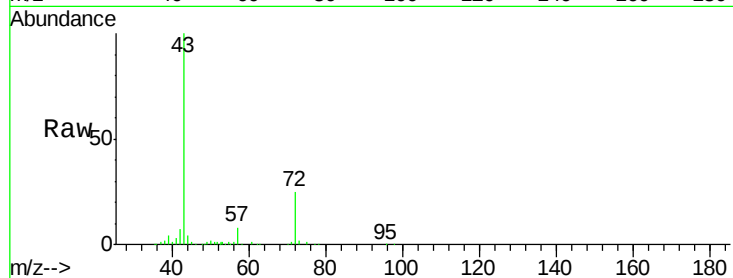
43 100

72 24.6 21.3 31.9

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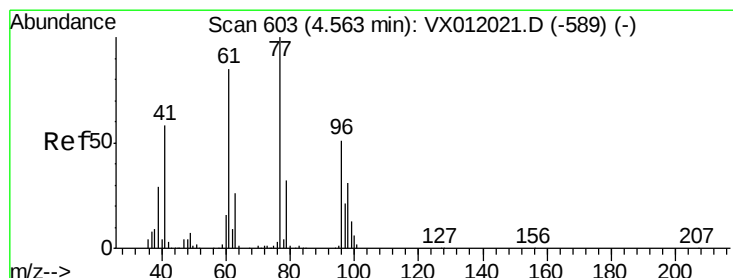
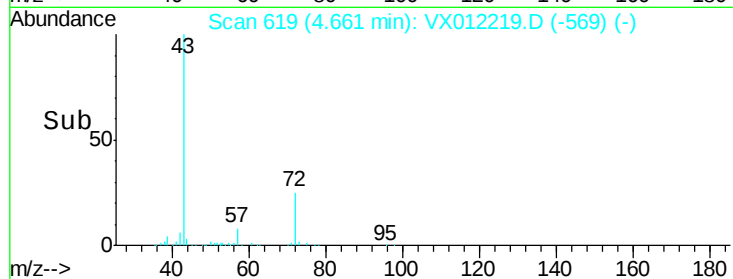
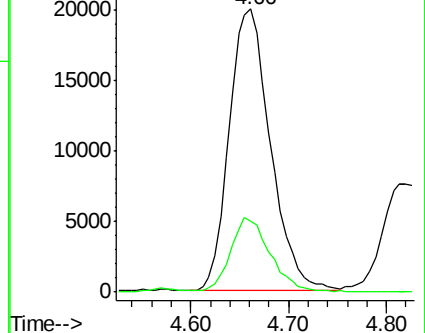
MMDadoda

9/9/2019 8:43:05 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 21.491 ug/l

RT: 4.56 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX012219.D

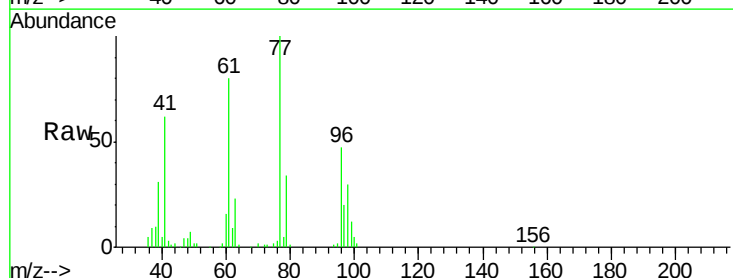
Acq: 08 Sep 2019 13:23

Tgt Ion: 77 Resp: 50832

Ion Ratio Lower Upper

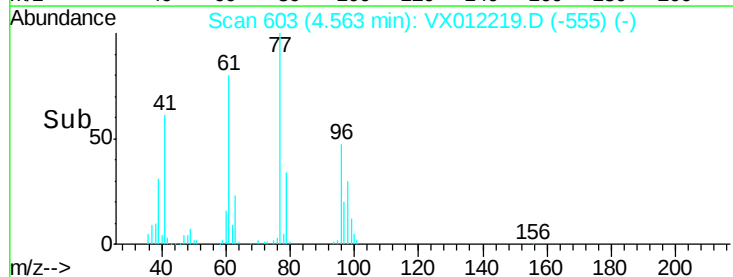
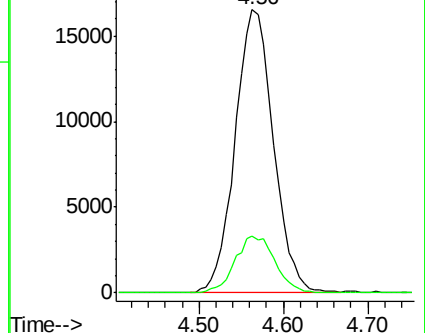
77 100

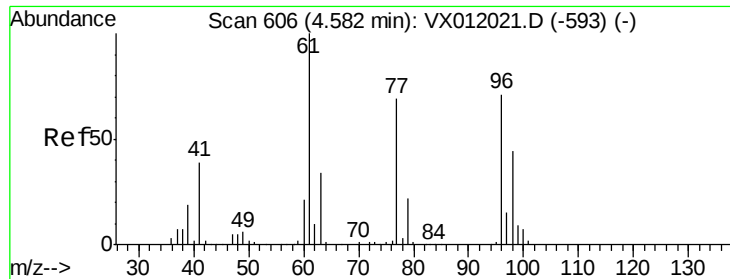
97 20.9 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

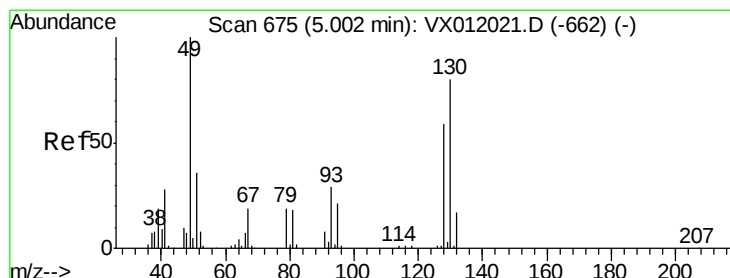
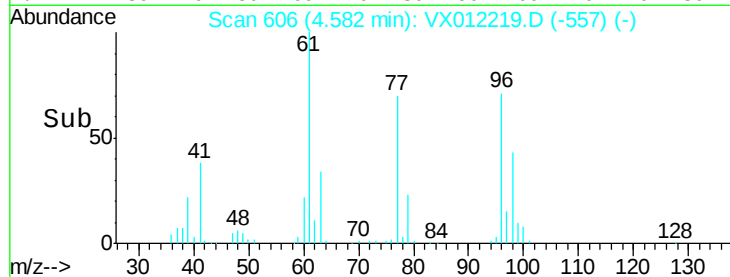
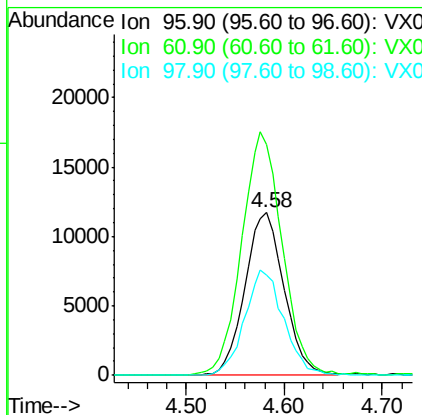
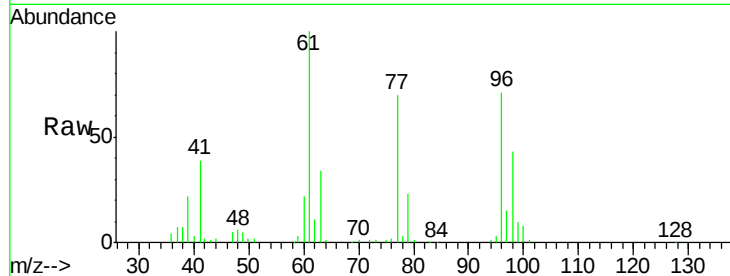
cis-1,2-Dichloroethene
Concen: 19.750 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.00 min
Lab File: VX012219.D
Acq: 08 Sep 2019 13:23

Instrument :
MSVOA_X
ClientSampleId :
VX0908SBS02

Tot Ion	Ratio	Lower	Upper
96	100		
61	155.0	0.0	277.0
98	64.6	0.0	128.4

Manual Integrations
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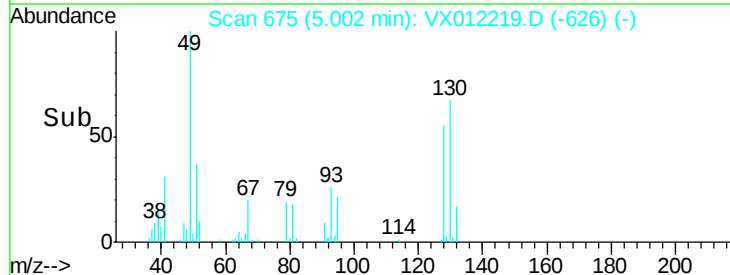
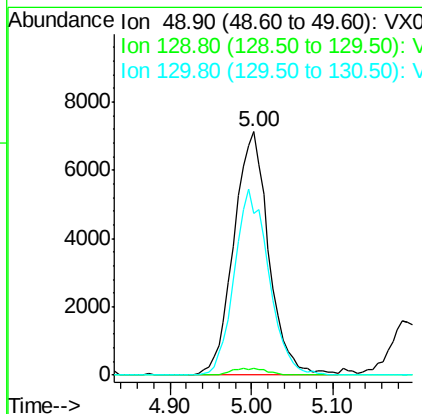
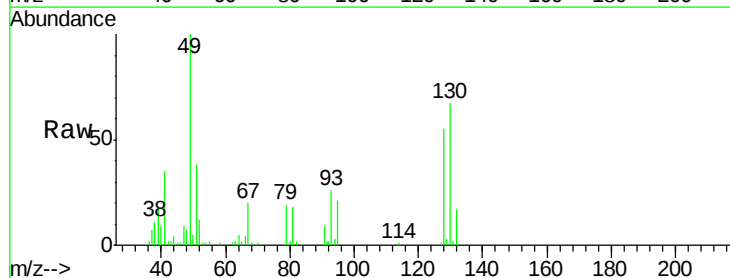
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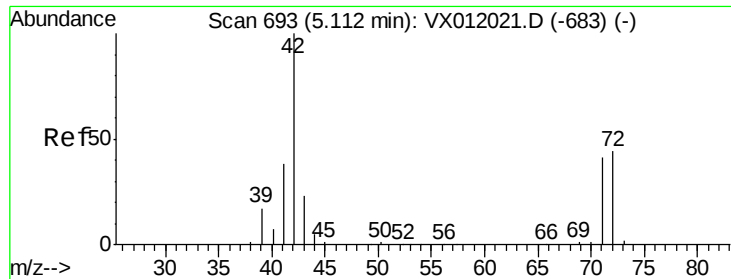


#28

Bromochloromethane
Concen: 20.757 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.00 min
Lab File: VX012219.D
Acq: 08 Sep 2019 13:23

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	5.6
130	75.3	76.7	115.1#





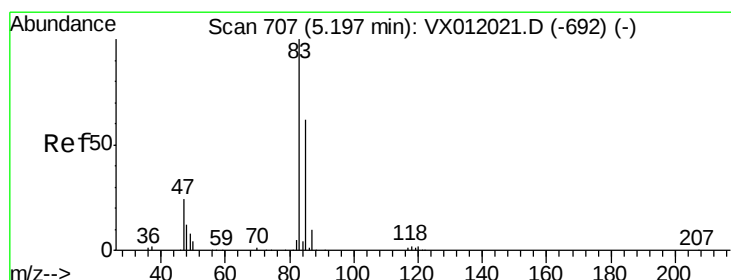
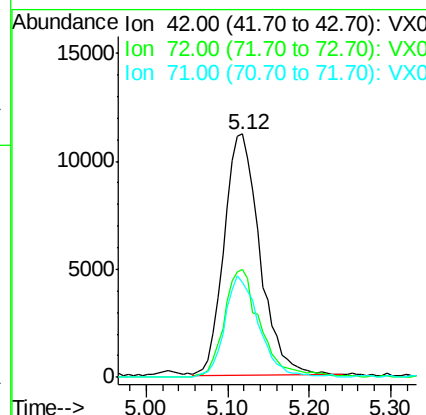
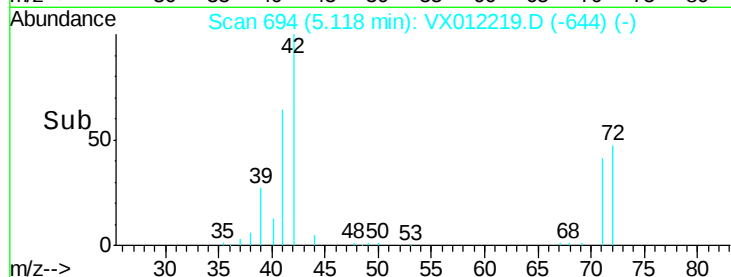
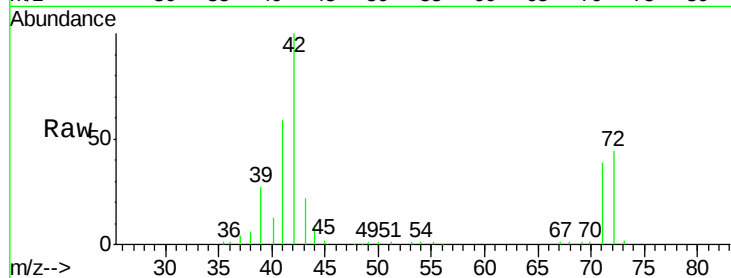
#29
Tetrahydrofuran
Concen: 110.247 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.01 min
Lab File: VX012219.D
Acq: 08 Sep 2019 13:23

Instrument :
MSVOA_X
ClientSampleId :
VX0908SBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.9	37.0	55.4
71	40.3	33.8	50.8

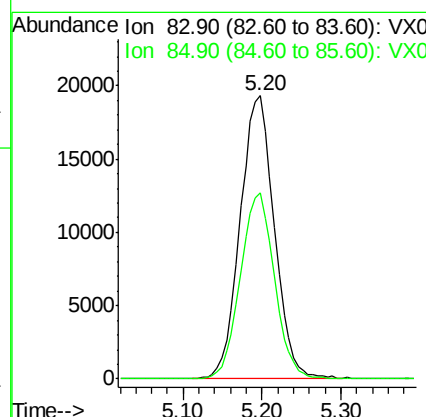
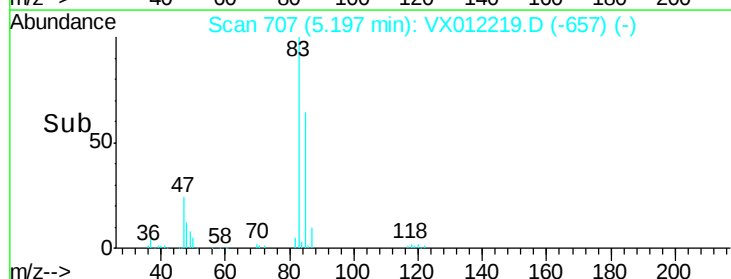
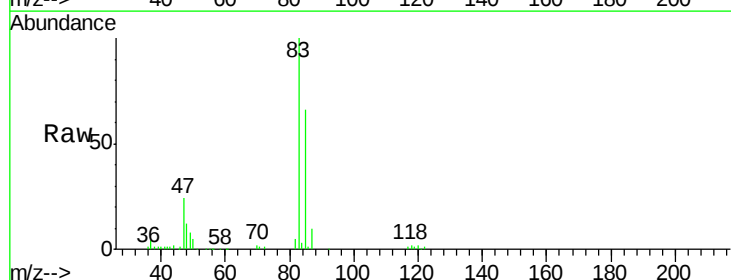
Manual Integrations
APPROVED

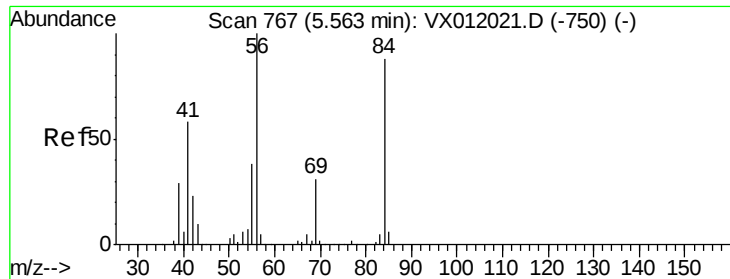
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#30
Chloroform
Concen: 21.222 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.01 min
Lab File: VX012219.D
Acq: 08 Sep 2019 13:23

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.9	52.6	78.8





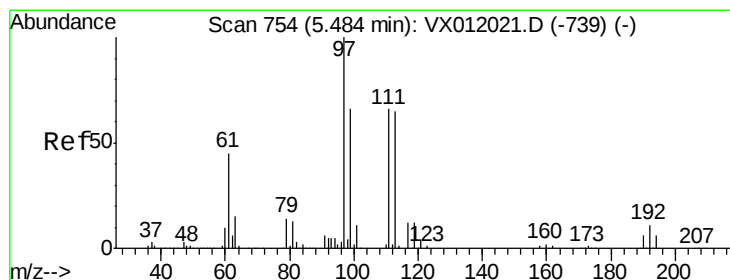
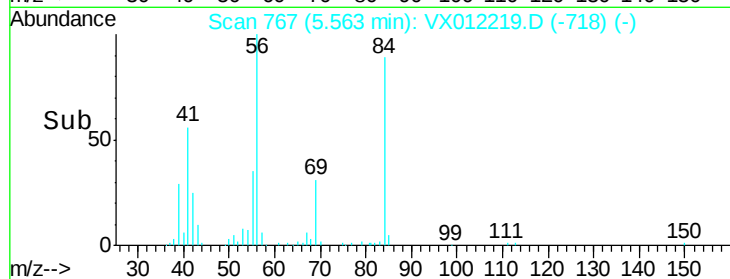
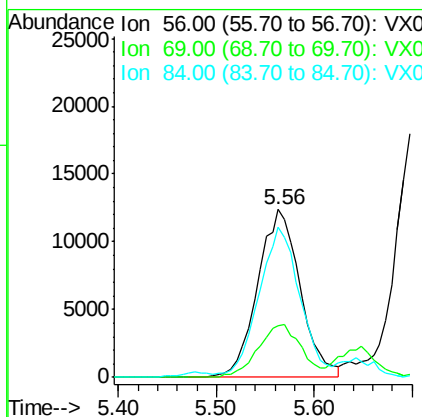
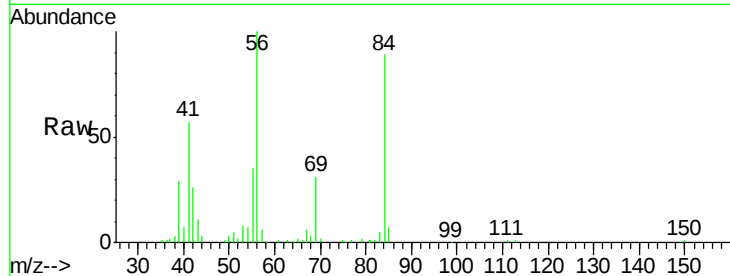
#31
Cyclohexane
Concen: 18.271 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.00 min
Lab File: VX012219.D
Acq: 08 Sep 2019 13:23

Instrument :
MSVOA_X
ClientSampleId :
VX0908SBS02

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.6	25.7	38.5
84	87.2	70.3	105.5

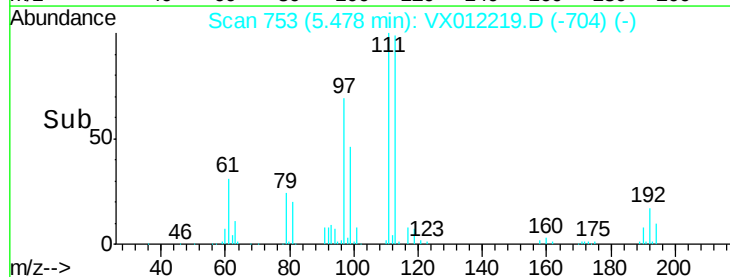
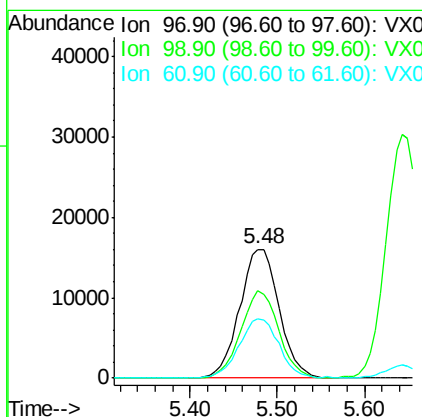
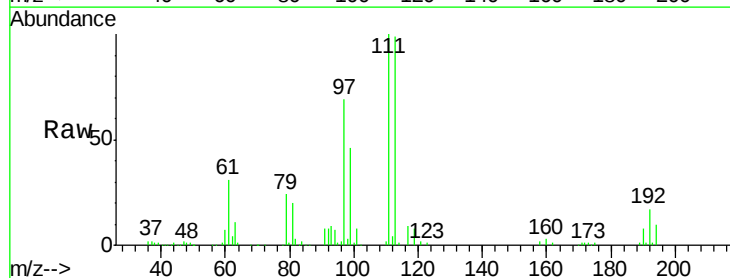
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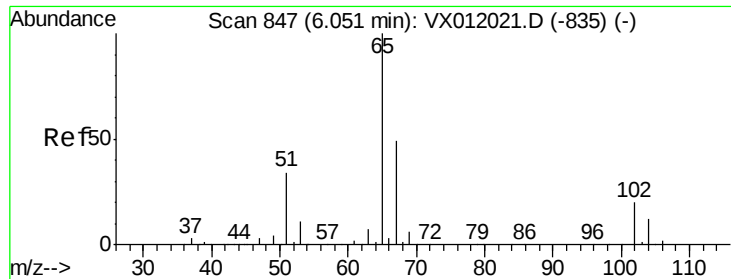
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#32
1,1,1-Trichloroethane
Concen: 20.967 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.00 min
Lab File: VX012219.D
Acq: 08 Sep 2019 13:23

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.1	52.1	78.1
61	46.5	32.8	49.2





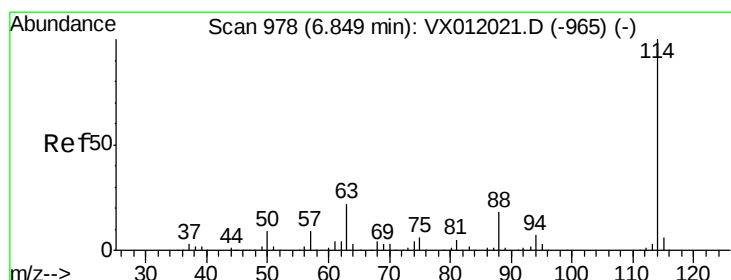
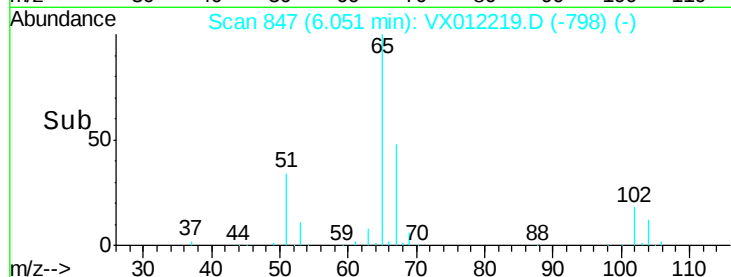
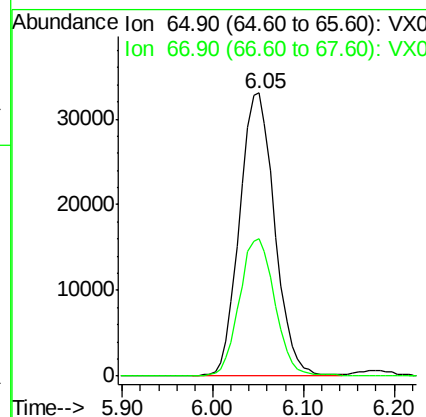
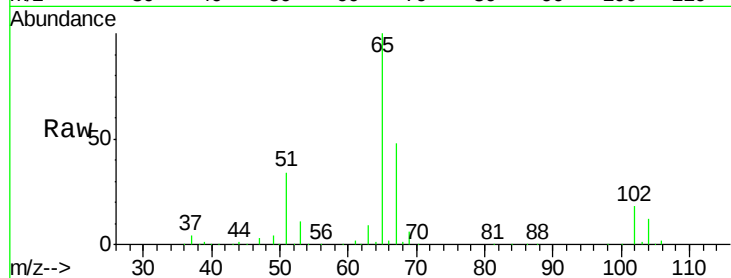
#33
 1,2-Dichloroethane-d4
 Concen: 52.918 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX012219.D
 Acq: 08 Sep 2019 13:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0908SBS02

Tot Ion	Ratio	Resp	Lower	Upper
65	100	88809		
67	49.0	0.0	0.0	102.0

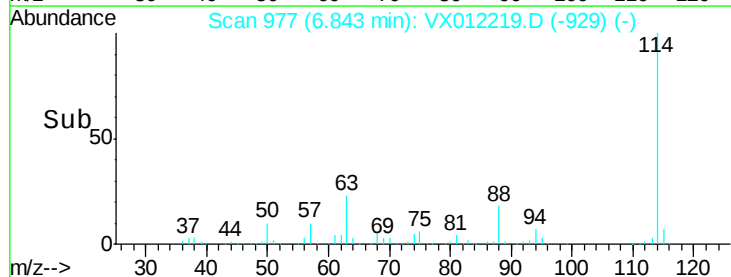
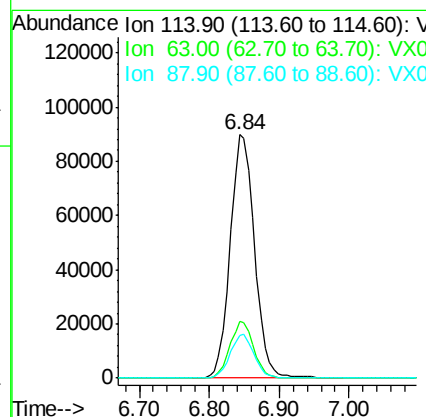
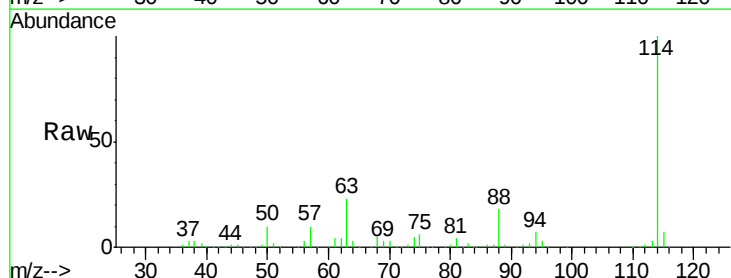
Manual Integrations
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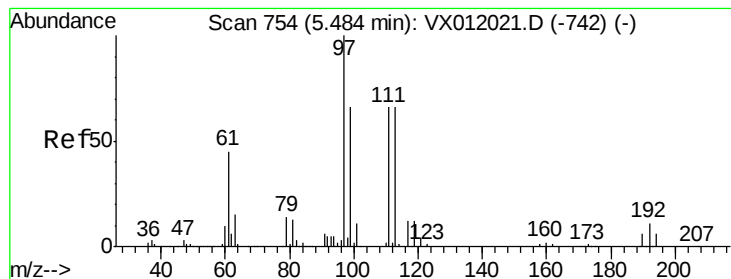
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: VX012219.D
 Acq: 08 Sep 2019 13:23

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	216673		
63	23.3	0.0	0.0	37.4
88	17.8	0.0	0.0	29.6





#35

Dibromofluoromethane

Concen: 51.351 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012219.D

Acq: 08 Sep 2019 13:23

Instrument :

MSVOA_X

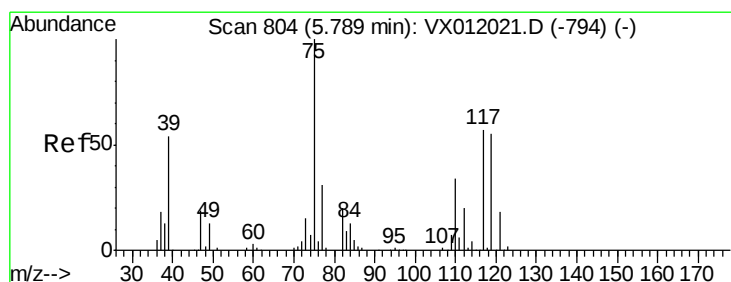
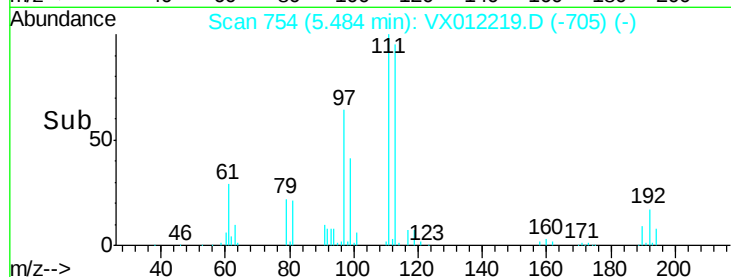
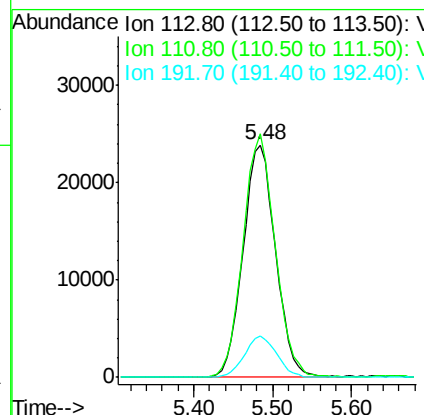
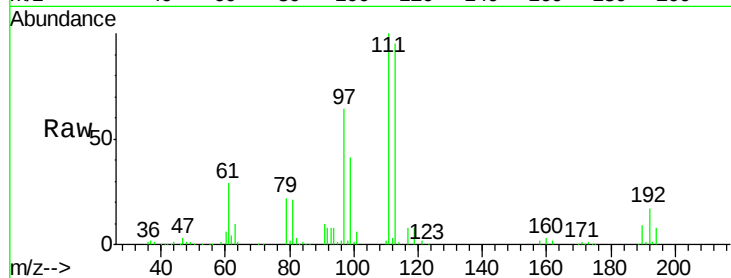
ClientSampleId :

VX0908SBS02

Tot Ion:	113	Resp:	68424
Ion Ratio	Lower	Upper	
113	100		
111	103.9	81.7	122.5
192	17.8	22.5	33.7#

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 19.612 ug/l

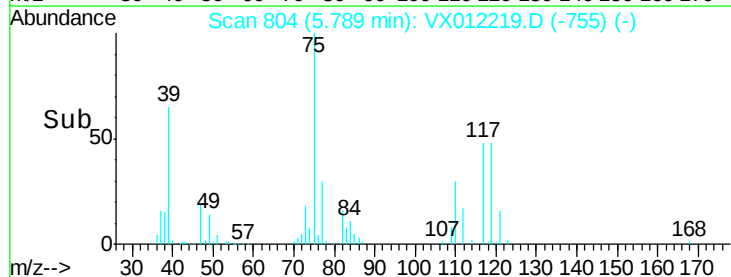
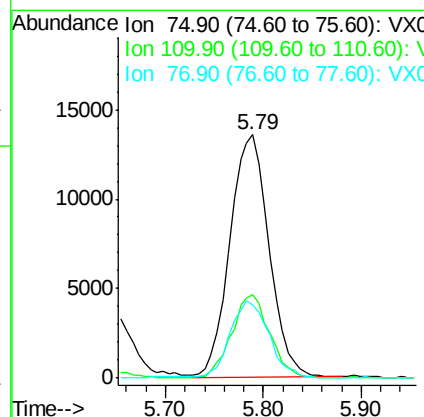
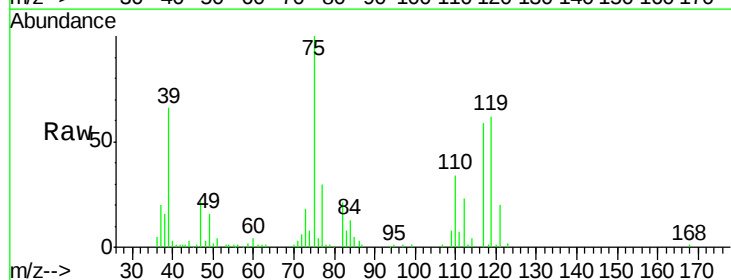
RT: 5.79 min Scan# 804

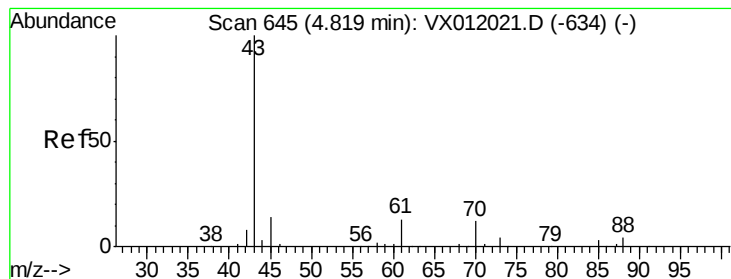
Delta R.T. -0.00 min

Lab File: VX012219.D

Acq: 08 Sep 2019 13:23

Tgt Ion:	75	Resp:	37426
Ion Ratio	Lower	Upper	
75	100		
110	33.7	19.5	58.5
77	32.3	24.6	37.0





#37

Ethyl Acetate

Concen: 23.931 ug/l

RT: 4.81 min Scan# 644

Delta R.T. -0.00 min

Lab File: VX012219.D

Acq: 08 Sep 2019 13:23

Instrument :

MSVOA_X

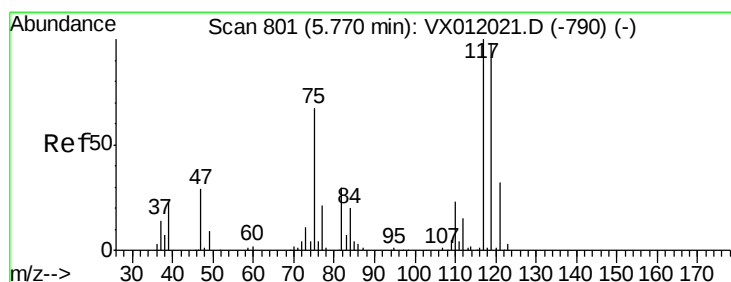
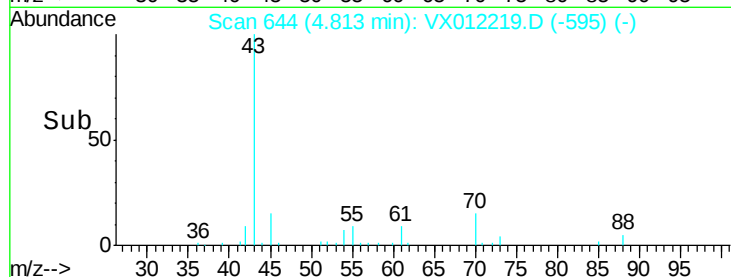
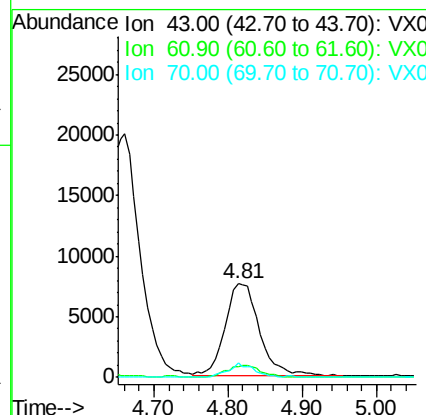
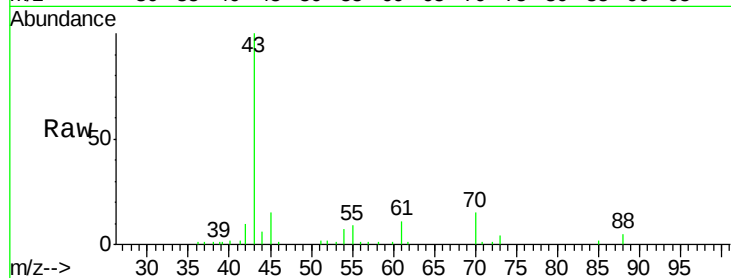
ClientSampled :

VX0908SBS02

Tot Ion:	43	Resp:	24834
Ion	Ratio	Lower	Upper
43	100		
61	12.6	10.9	16.3
70	11.9	9.4	14.0

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#38

Carbon Tetrachloride

Concen: 20.653 ug/l

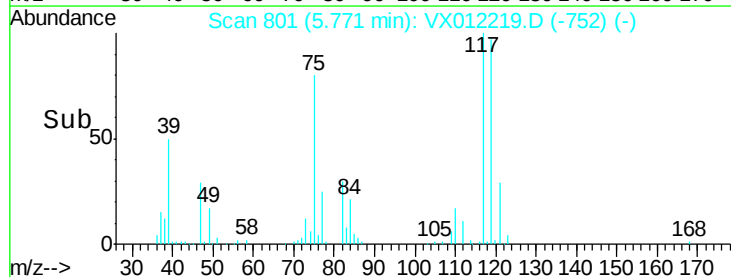
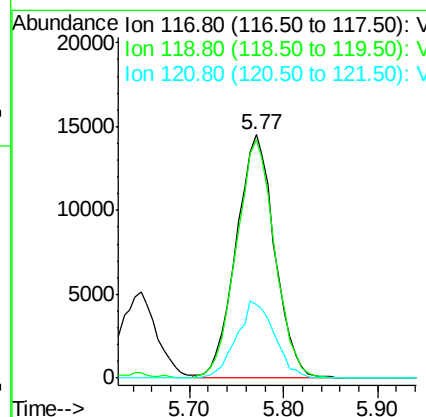
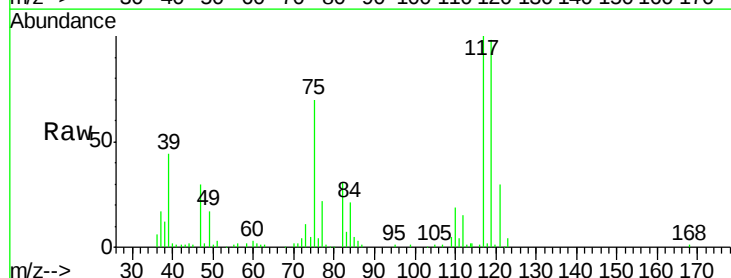
RT: 5.77 min Scan# 801

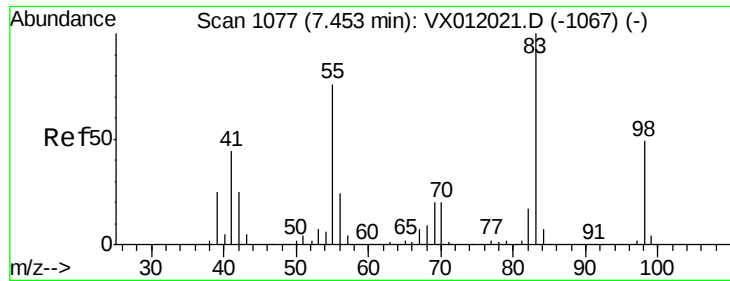
Delta R.T. -0.00 min

Lab File: VX012219.D

Acq: 08 Sep 2019 13:23

Tgt Ion:	117	Resp:	41530
Ion	Ratio	Lower	Upper
117	100		
119	98.1	78.3	117.5
121	30.1	24.2	36.2





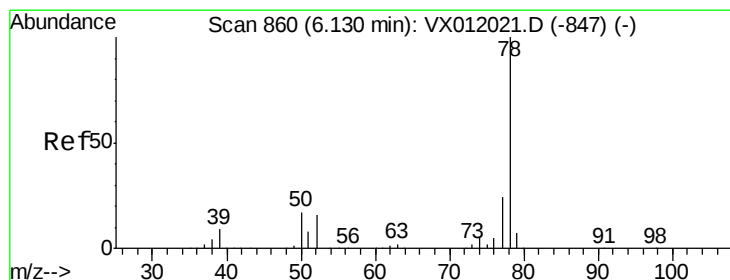
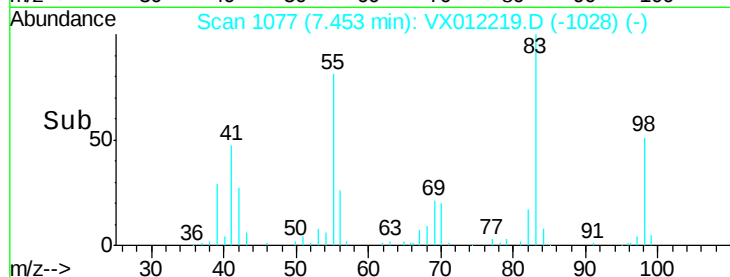
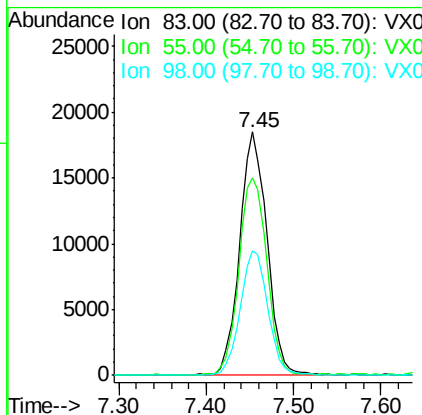
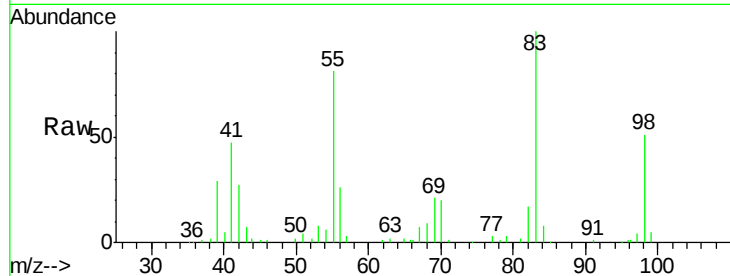
#39
Methvlcvclohexane
Concen: 18.193 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VX012219.D
Acq: 08 Sep 2019 13:23

Instrument :
MSVOA_X
ClientSampleId :
VX0908SBSD02

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	81.0	59.6	89.4	
98	51.0	41.4	62.0	

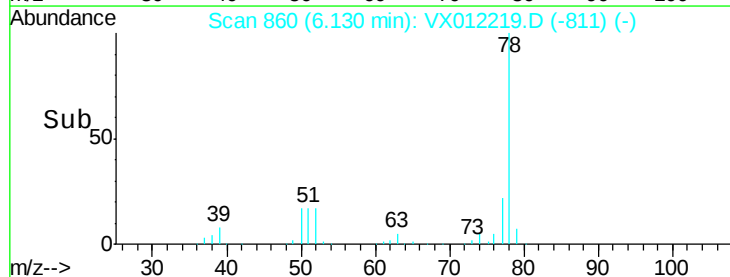
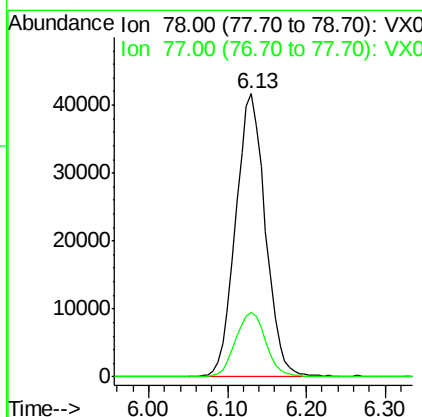
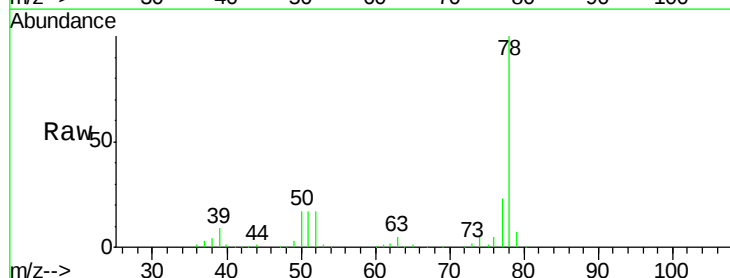
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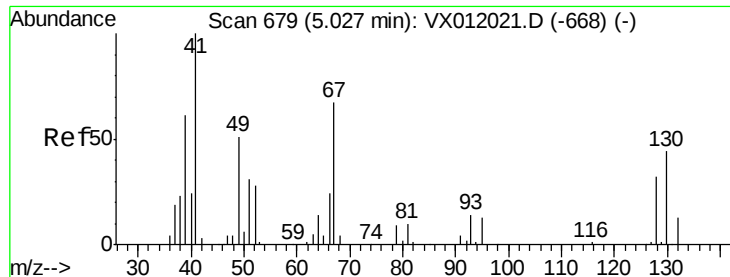
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#40
Benzene
Concen: 19.996 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX012219.D
Acq: 08 Sep 2019 13:23

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	22.9	19.3	28.9	





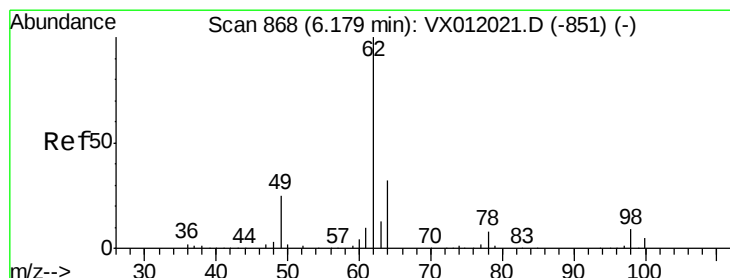
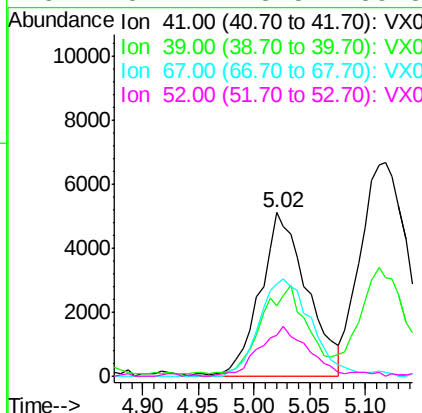
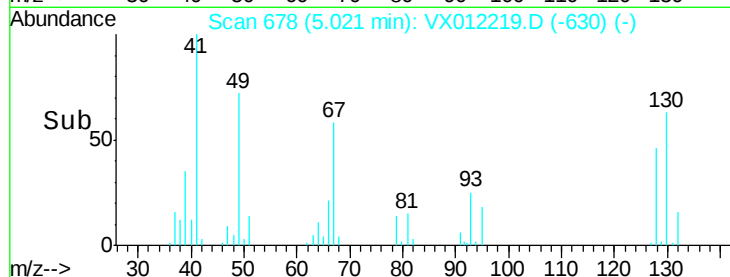
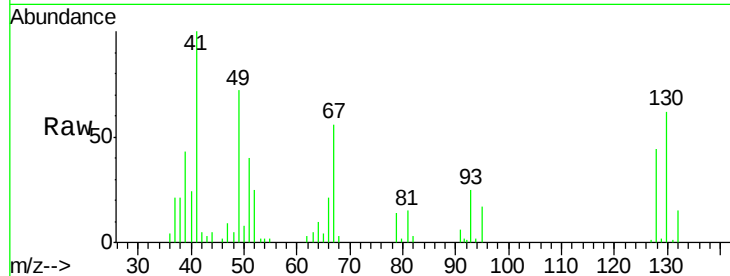
#41
Methacrylonitrile
Concen: 24.397 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX012219.D
Acq: 08 Sep 2019 13:23

Instrument :
MSVOA_X
ClientSampleId :
VX0908SBS02

Tot Ion:	41	Resp:	15098
Ion	Ratio	Lower	Upper
41	100		
39	52.5	46.7	70.1
67	65.7	57.0	85.6
52	31.1	23.5	35.3

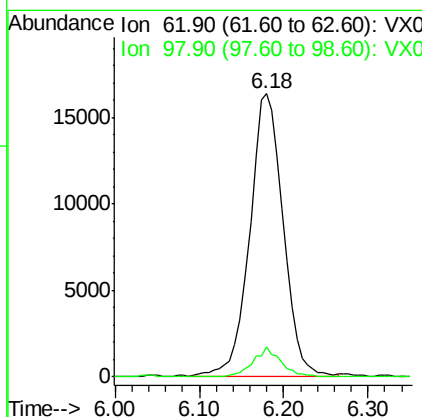
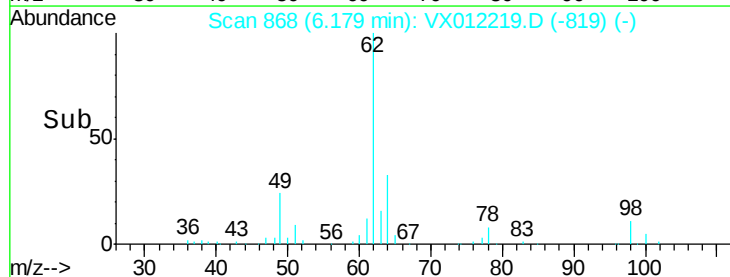
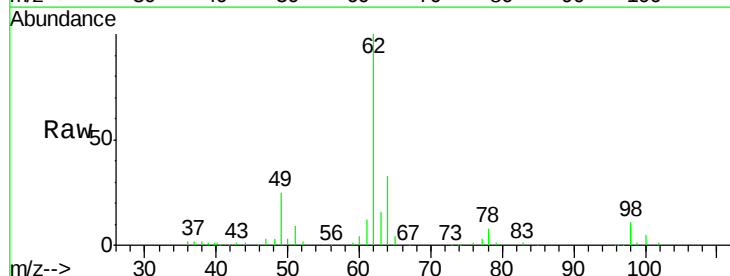
Manual Integrations
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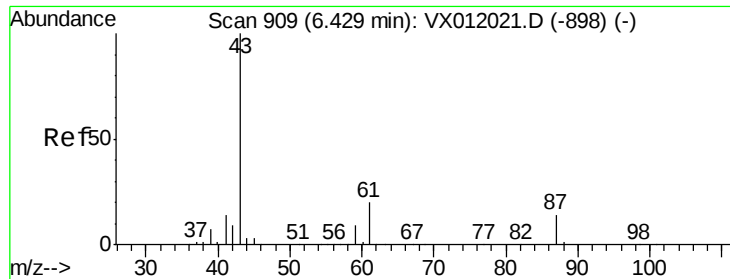
MMDadoda
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#42
1,2-Dichloroethane
Concen: 22.736 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX012219.D
Acq: 08 Sep 2019 13:23

Tgt Ion:	62	Resp:	44825
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	19.2





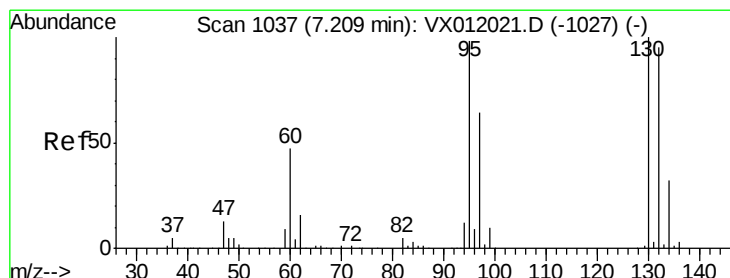
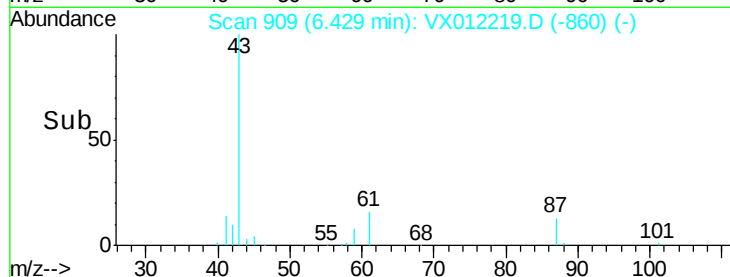
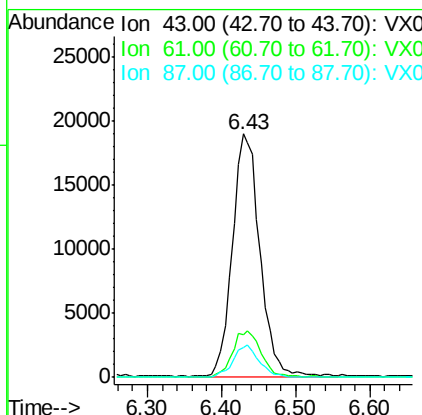
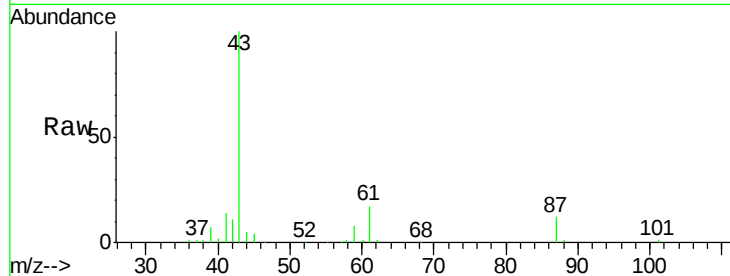
#43
Isopropyl Acetate
Concen: 23.514 ug/l
RT: 6.43 min Scan# 909
Delta R.T. -0.00 min
Lab File: VX012219.D
Acq: 08 Sep 2019 13:23

Instrument :
MSVOA_X
ClientSampleId :
VX0908SBS02

Tot Ion:	43	Resp:	49616
Ion	Ratio	Lower	Upper
43	100		
61	19.6	16.1	24.1
87	12.4	11.3	16.9

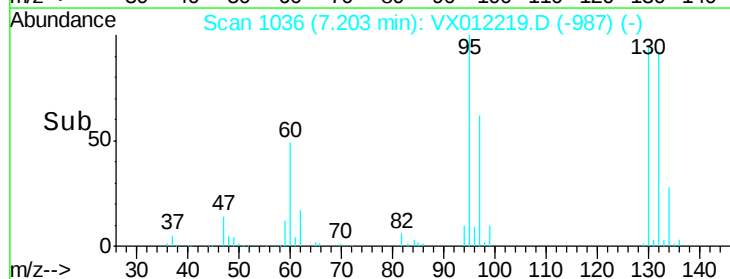
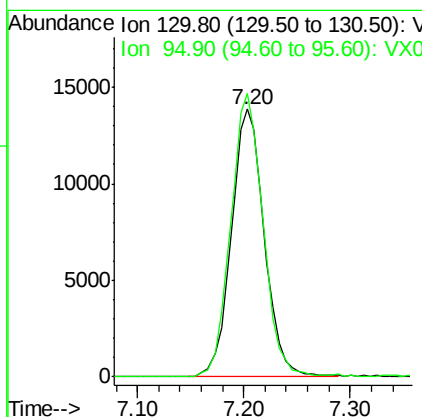
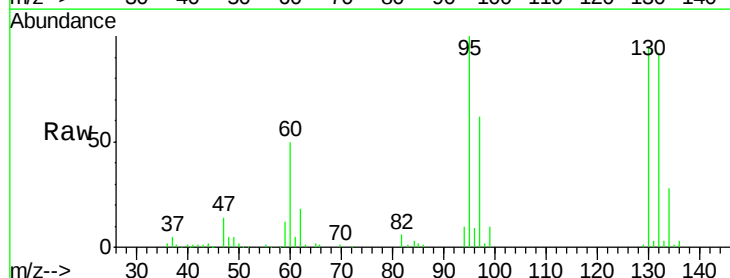
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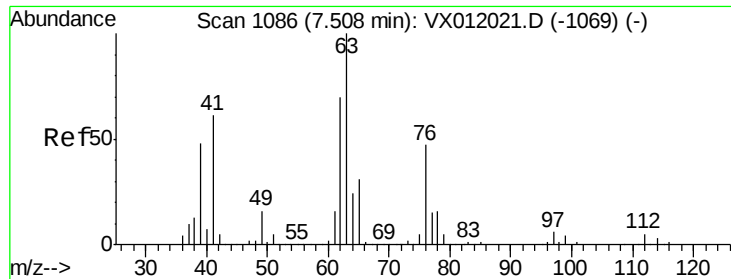
MMDadoda
9/9/2019 8:43:05 AM



#44
Trichloroethene
Concen: 20.271 ug/l
RT: 7.20 min Scan# 1036
Delta R.T. -0.00 min
Lab File: VX012219.D
Acq: 08 Sep 2019 13:23

Tgt Ion:	130	Resp:	29954
Ion	Ratio	Lower	Upper
130	100		
95	105.7	0.0	176.4





#45

1,2-Dichloropropane

Concen: 21.375 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX012219.D

Acq: 08 Sep 2019 13:23

Instrument :

MSVOA_X

ClientSampleId :

VX0908SBS02

Tot Ion: 63 Resp: 30255

Ion Ratio Lower Upper

63 100

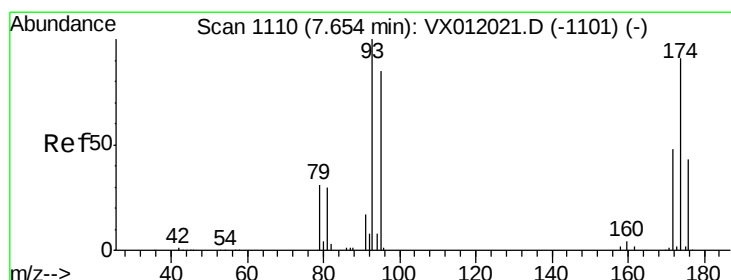
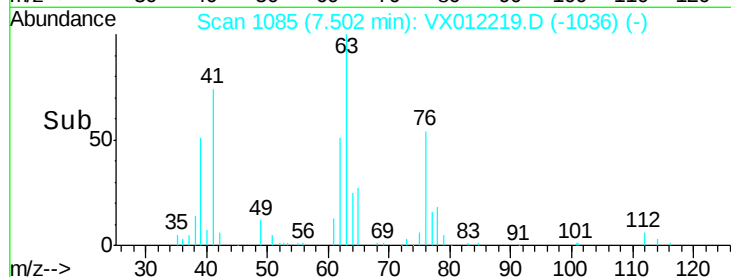
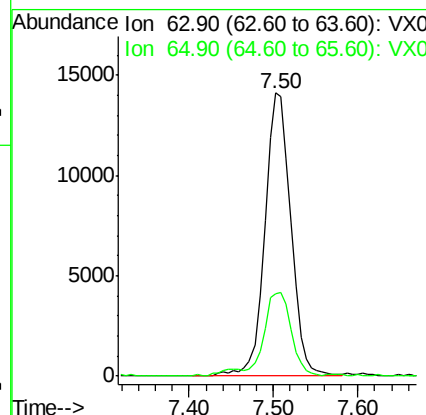
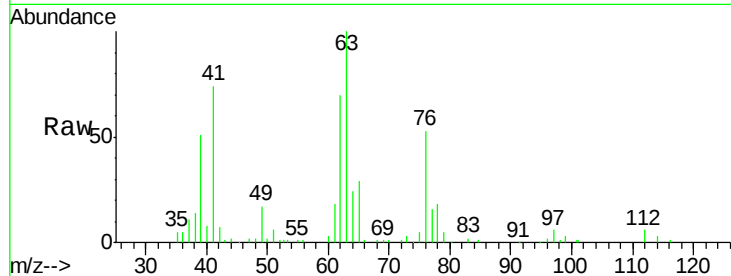
65 29.0 25.0 37.6

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#46

Dibromomethane

Concen: 20.973 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX012219.D

Acq: 08 Sep 2019 13:23

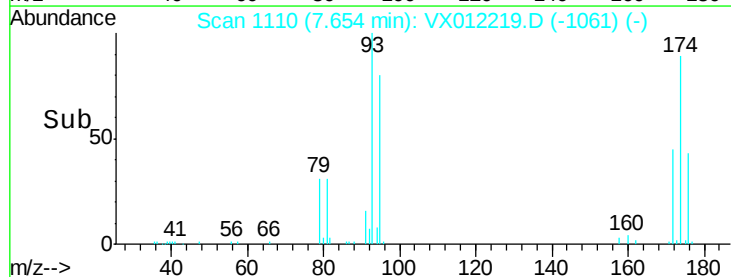
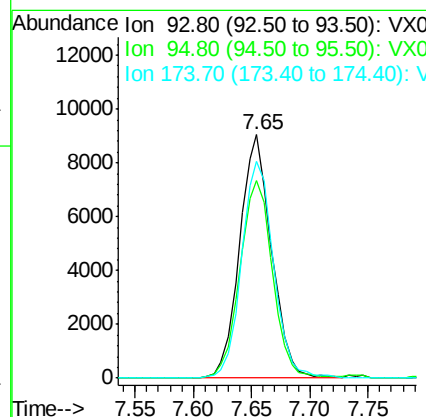
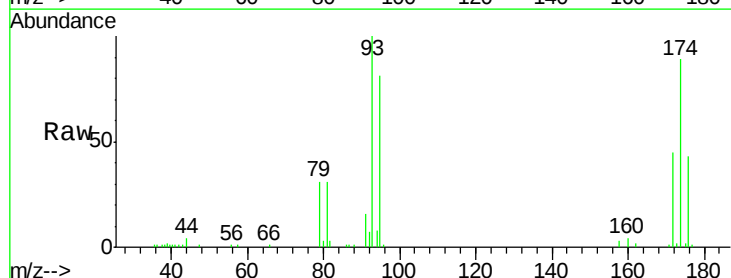
Tgt Ion: 93 Resp: 17330

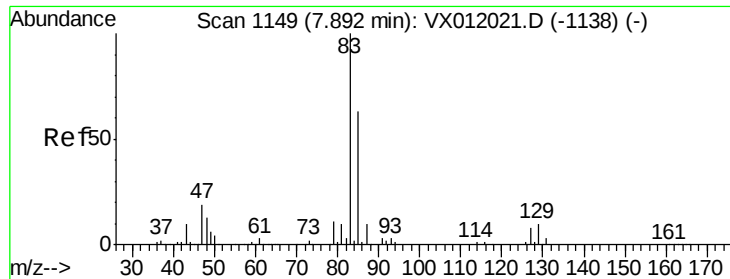
Ion Ratio Lower Upper

93 100

95 82.9 66.2 99.2

174 88.9 110.2 165.4#





#47

Bromodichloromethane

Concen: 21.458 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX012219.D

Acq: 08 Sep 2019 13:23

Instrument :

MSVOA_X

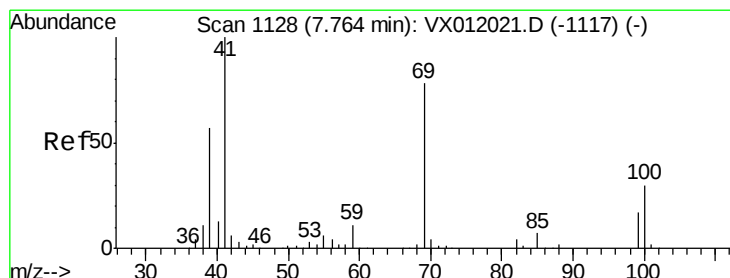
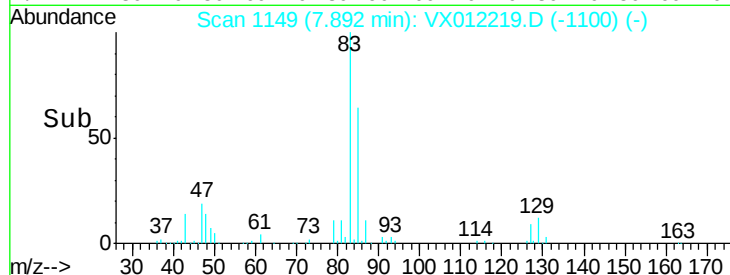
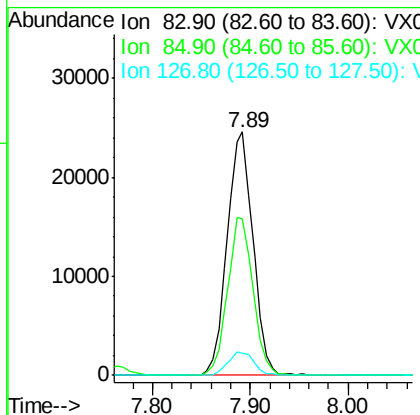
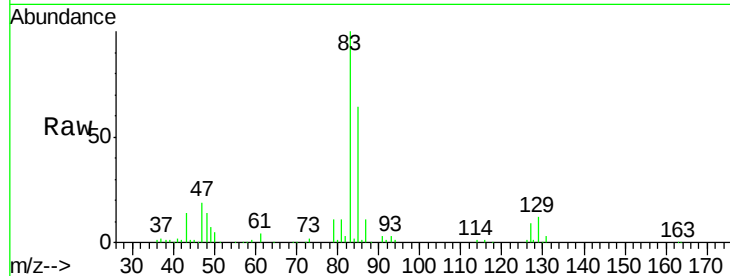
ClientSampleId :

VX0908SBS02

Tot Ion:	83	Resp:	45069
Ion Ratio	Lower	Upper	
83	100		
85	64.1	50.3	75.5
127	9.0	8.1	12.1

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#48

Methyl methacrylate

Concen: 23.009 ug/l

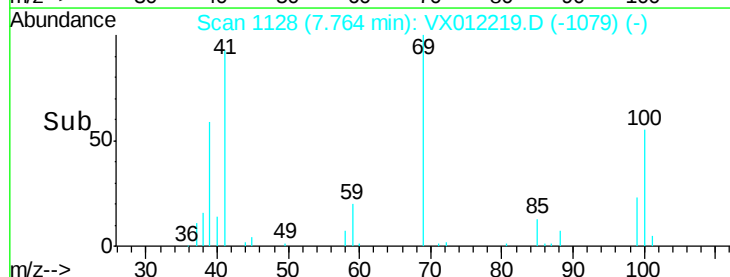
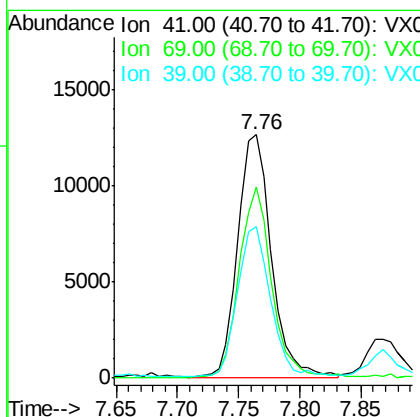
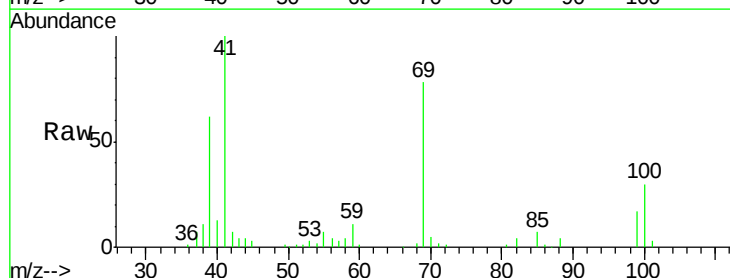
RT: 7.76 min Scan# 1128

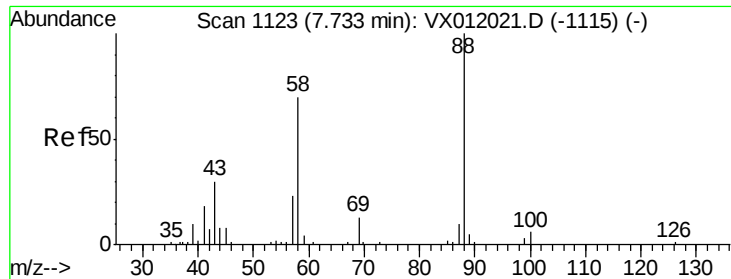
Delta R.T. -0.00 min

Lab File: VX012219.D

Acq: 08 Sep 2019 13:23

Tgt Ion:	41	Resp:	24412
Ion Ratio	Lower	Upper	
41	100		
69	75.9	66.3	99.5
39	59.6	48.1	72.1





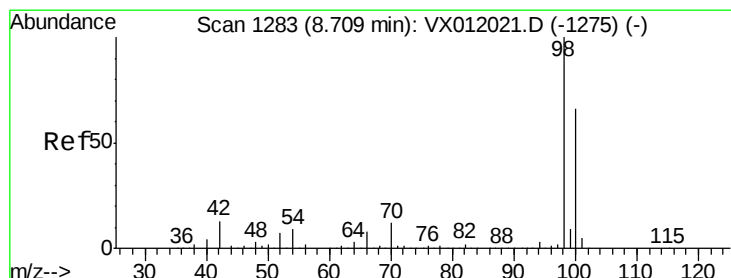
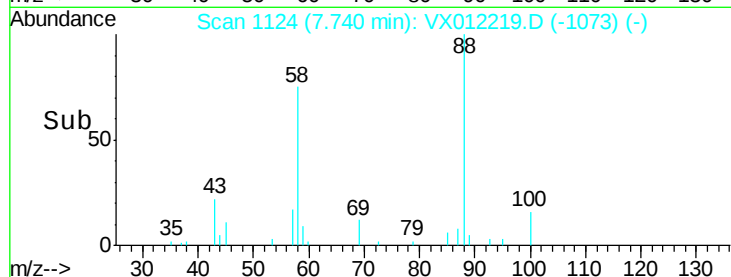
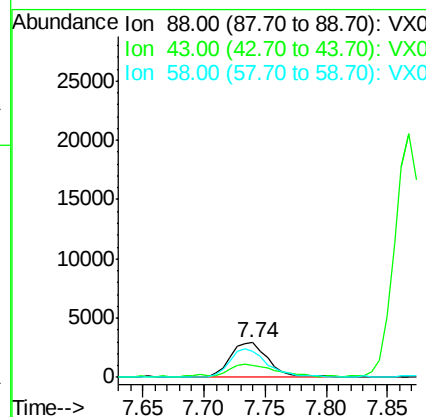
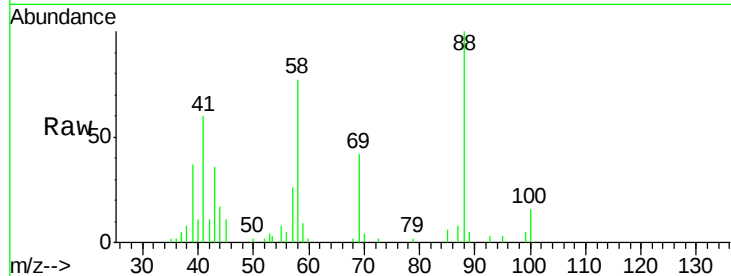
#49
1,4-Dioxane
Concen: 436.696 ug/l
RT: 7.74 min Scan# 1124
Delta R.T. 0.01 min
Lab File: VX012219.D
Acq: 08 Sep 2019 13:23

Instrument :
MSVOA_X
ClientSampleId :
VX0908SBS02

Tot Ion	Ratio	Lower	Upper
88	100		
43	51.7	29.8	44.6#
58	81.4	55.4	83.2

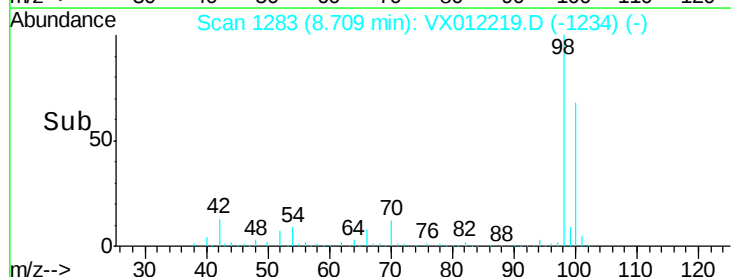
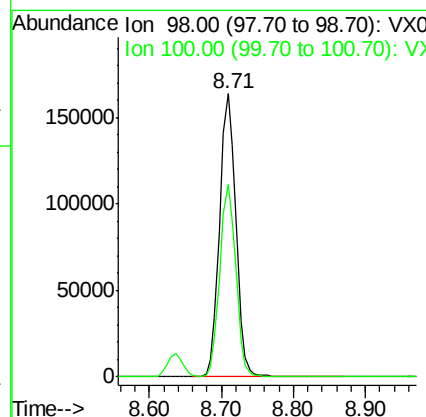
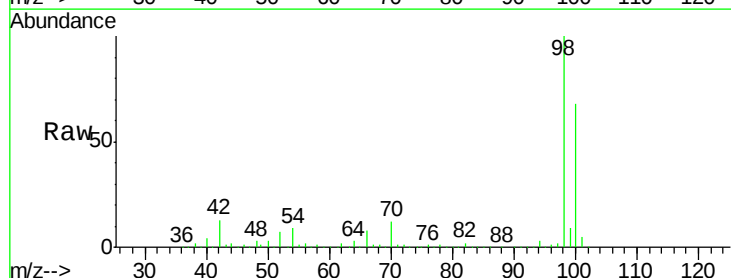
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#50
Toluene-d8
Concen: 52.412 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012219.D
Acq: 08 Sep 2019 13:23

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.8	53.3	79.9





#51

4-Methyl-2-Pentanone

Concen: 124.957 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX012219.D

Acq: 08 Sep 2019 13:23

Instrument :

MSVOA_X

ClientSampleId :

VX0908SBS02

Tot Ion: 43 Resp: 134112

Ion Ratio Lower Upper

43 100

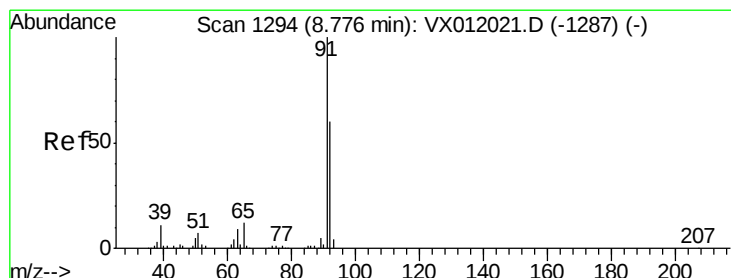
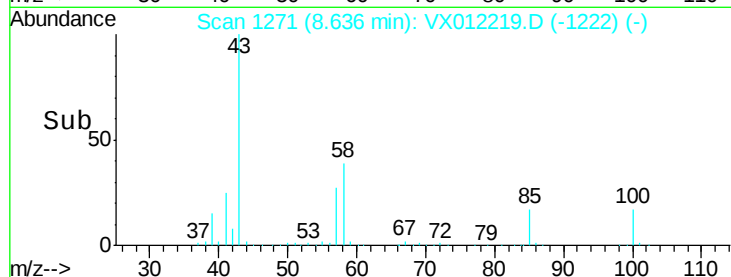
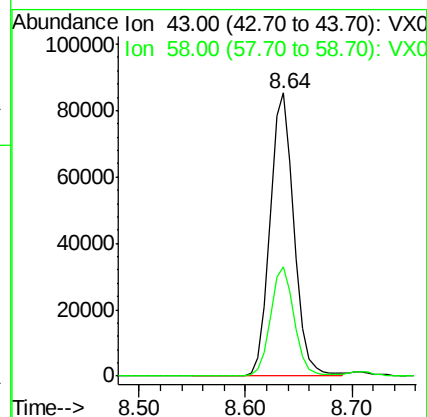
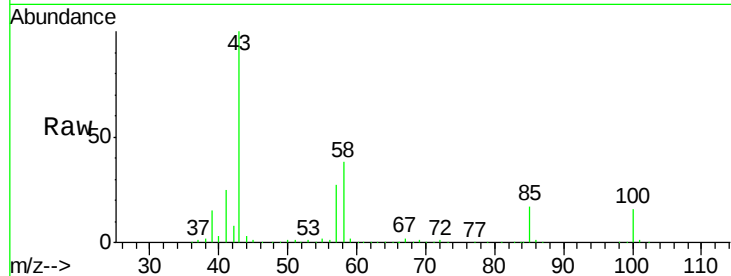
58 38.0 31.5 47.3

Manual Integrations

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#52

Toluene

Concen: 20.187 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX012219.D

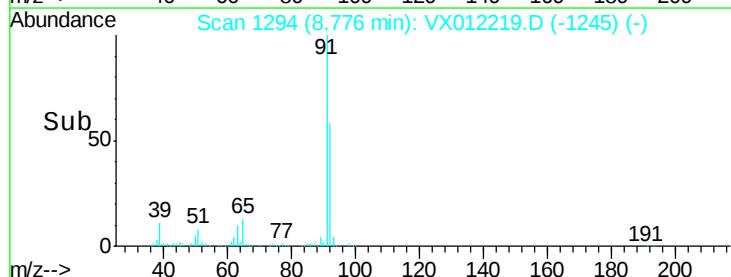
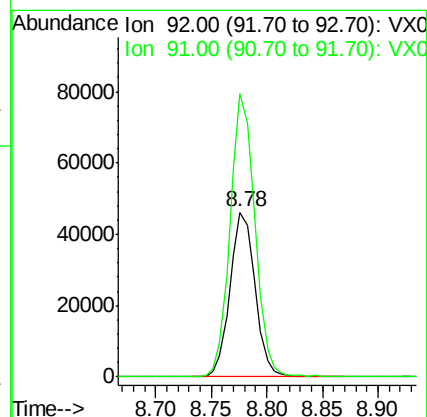
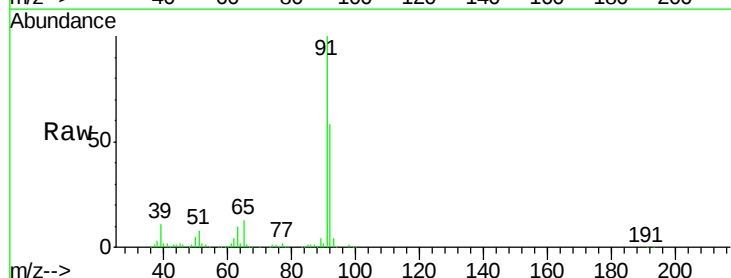
Acq: 08 Sep 2019 13:23

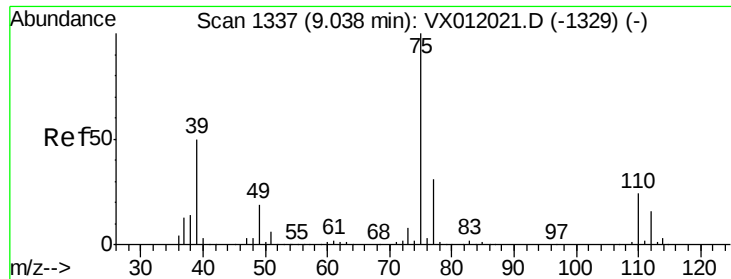
Tgt Ion: 92 Resp: 71957

Ion Ratio Lower Upper

92 100

91 171.0 136.0 204.0





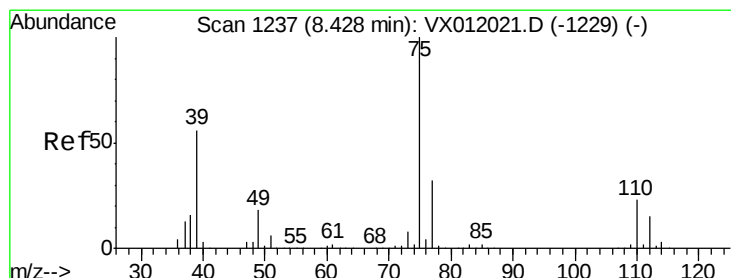
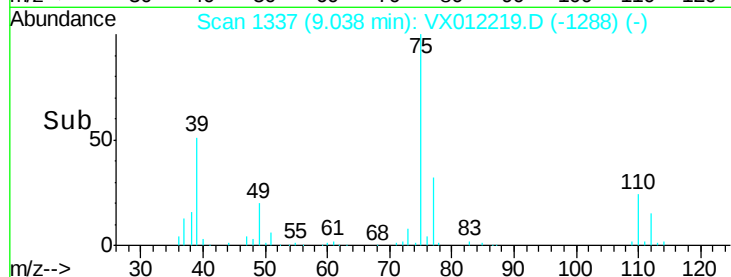
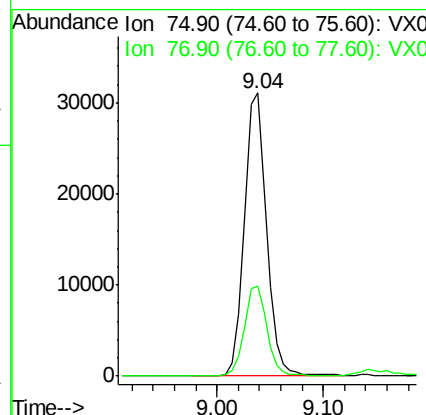
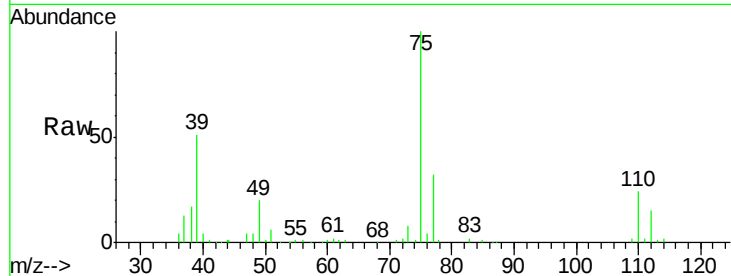
#53
 t-1,3-Dichloropropene
 Concen: 21.073 ug/l
 RT: 9.04 min Scan# 1337
 Delta R.T. -0.00 min
 Lab File: VX012219.D
 Acq: 08 Sep 2019 13:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0908SBS02

Tot Ion: 75 Resp: 45822
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.1 37.7

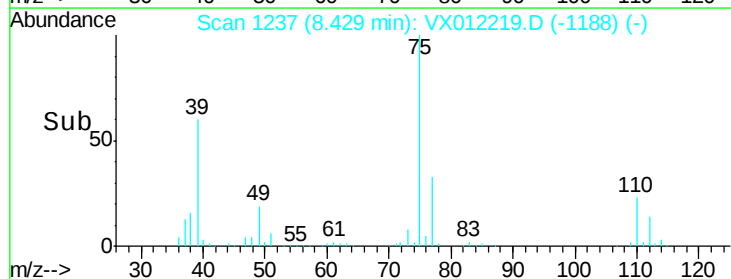
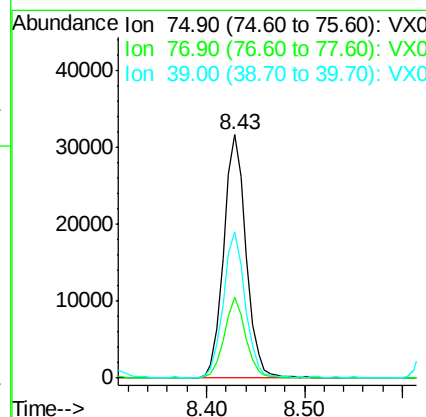
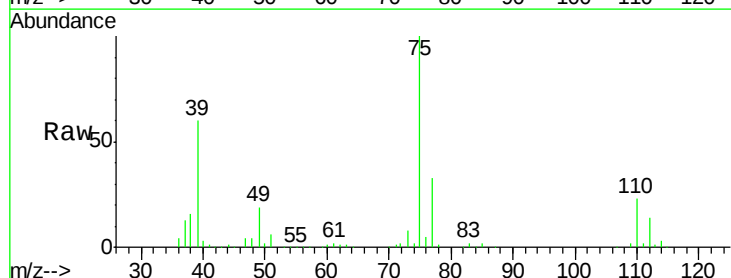
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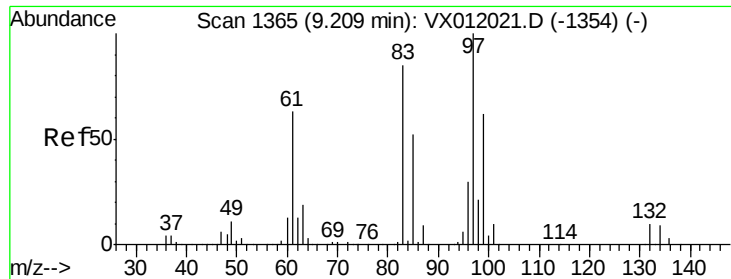
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#54
 cis-1,3-Dichloropropene
 Concen: 20.709 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VX012219.D
 Acq: 08 Sep 2019 13:23

Tgt Ion: 75 Resp: 50075
 Ion Ratio Lower Upper
 75 100
 77 33.4 25.5 38.3
 39 60.0 43.0 64.4





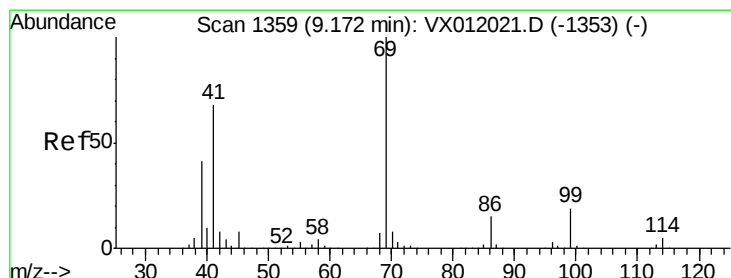
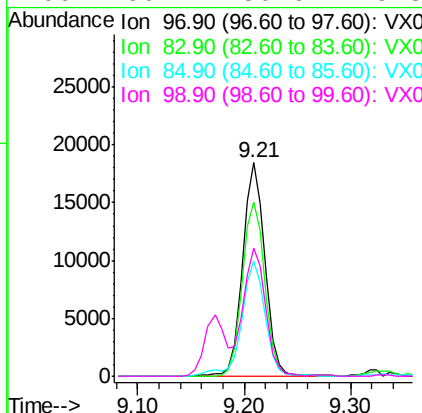
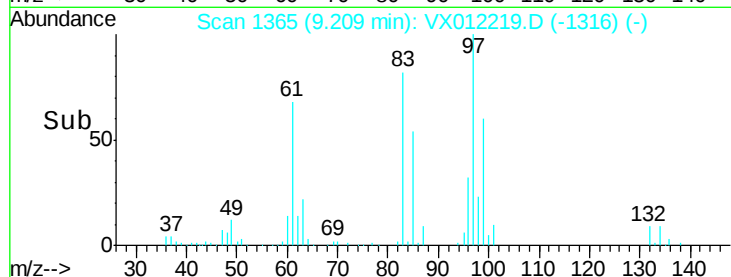
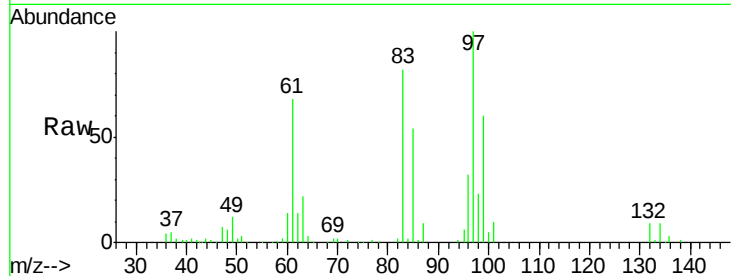
#55
 1,1,2-Trichloroethane
 Concen: 23.036 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX012219.D
 Acq: 08 Sep 2019 13:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0908SBS02

Tot Ion:	97	Resp:	27213
Ion	Ratio	Lower	Upper
97	100		
83	81.5	66.0	99.0
85	54.1	41.0	61.6
99	60.2	50.6	75.8

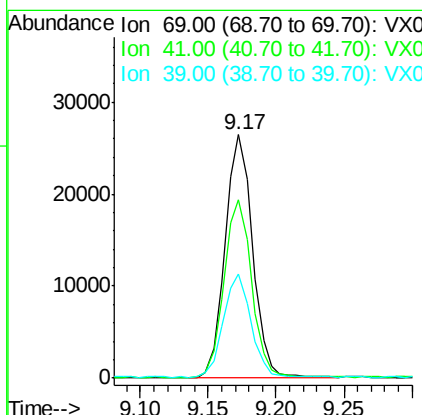
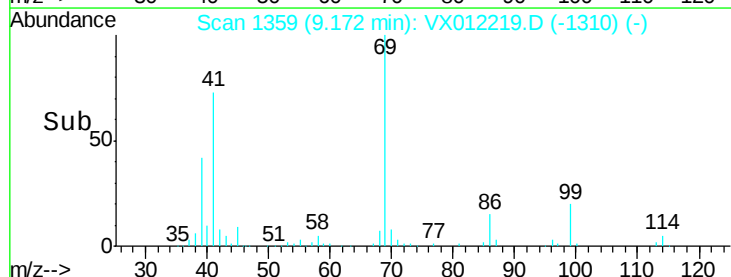
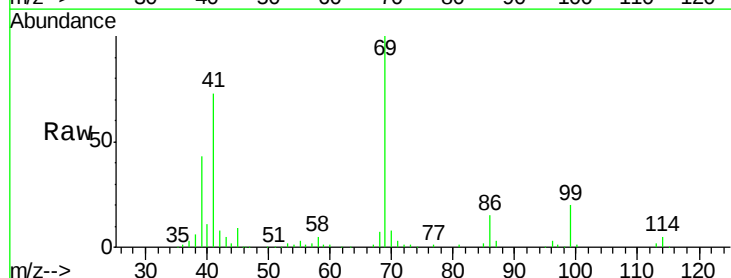
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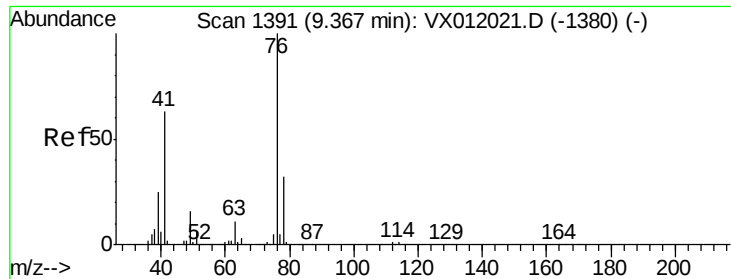
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#56
 Ethyl methacrylate
 Concen: 22.040 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX012219.D
 Acq: 08 Sep 2019 13:23

Tgt Ion:	69	Resp:	37293
Ion	Ratio	Lower	Upper
69	100		
41	73.4	53.9	80.9
39	43.1	31.1	46.7





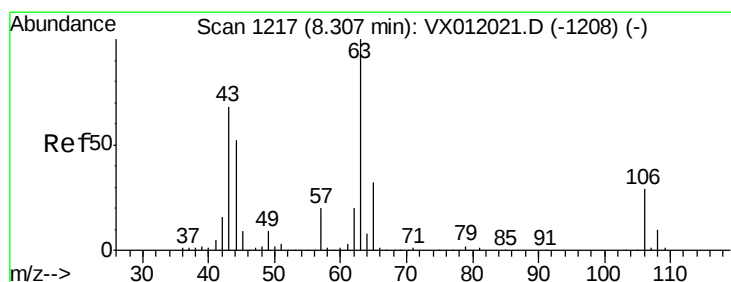
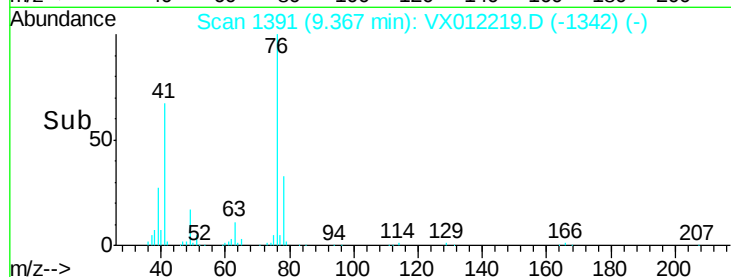
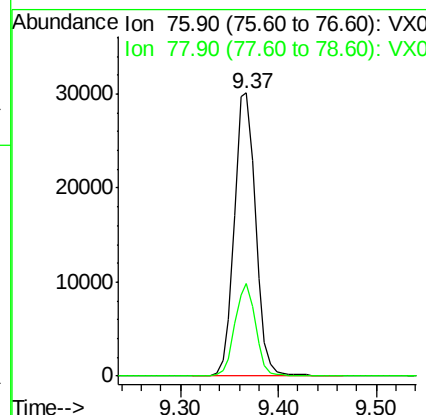
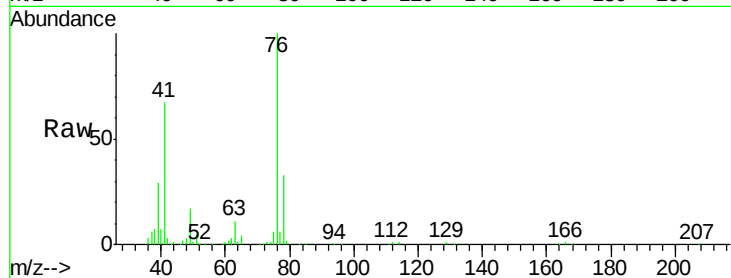
#57
 1,3-Dichloropropane
 Concen: 22.377 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VX012219.D
 Acq: 08 Sep 2019 13:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0908SBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.9	25.5	38.3

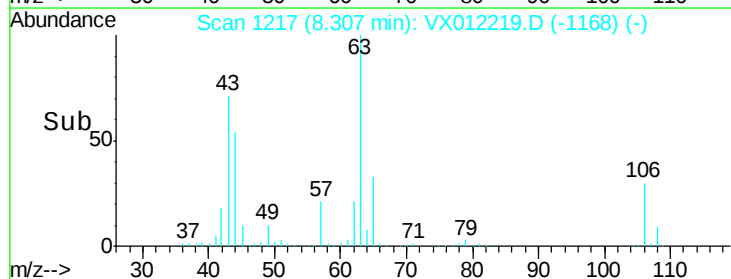
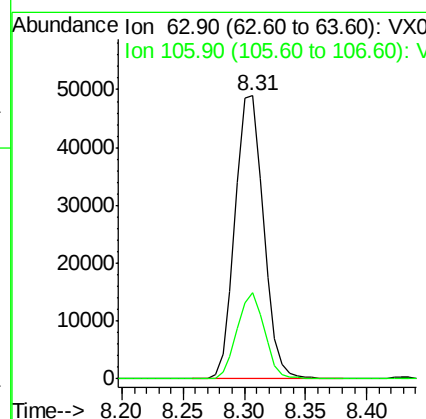
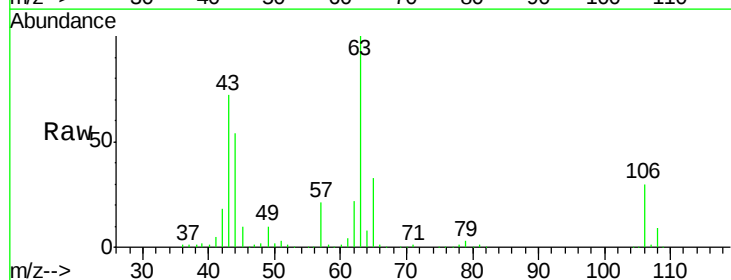
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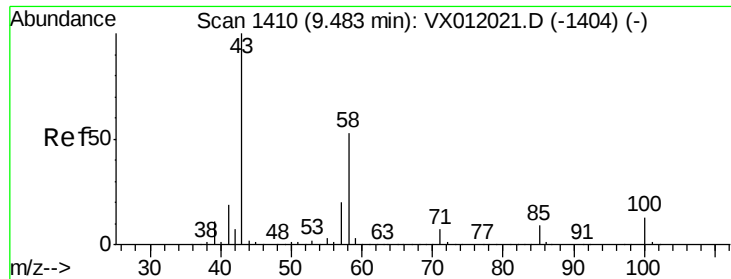
MMDadoda
 9/9/2019 8:43:05 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 103.791 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: VX012219.D
 Acq: 08 Sep 2019 13:23

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.4	26.5	39.7





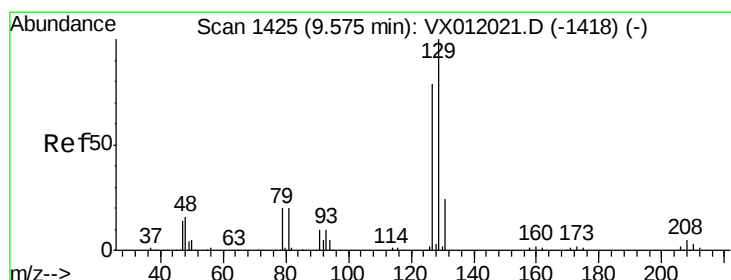
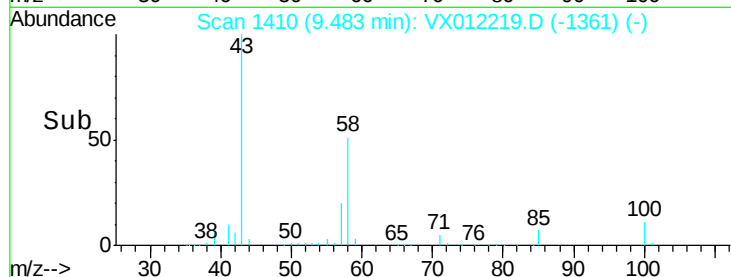
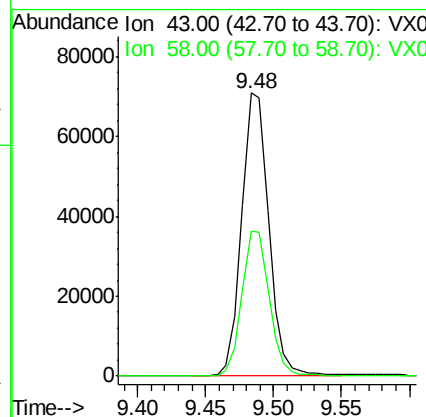
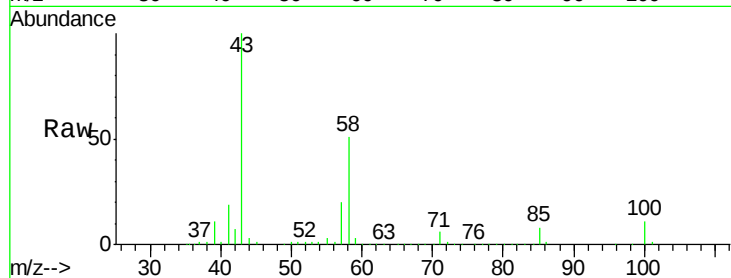
#59
2-Hexanone
Concen: 125.973 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX012219.D
Acq: 08 Sep 2019 13:23

Instrument :
MSVOA_X
ClientSampleId :
VX0908SBS02

Tot Ion: 43 Resp: 98654
Ion Ratio Lower Upper
43 100
58 52.3 27.2 81.6

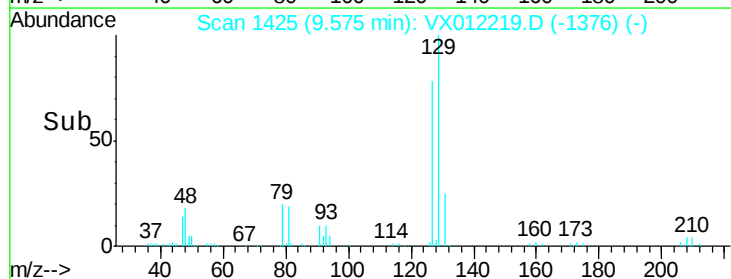
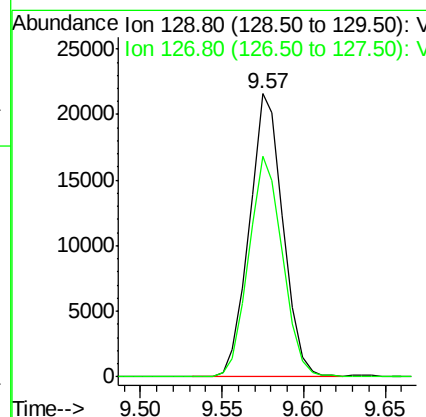
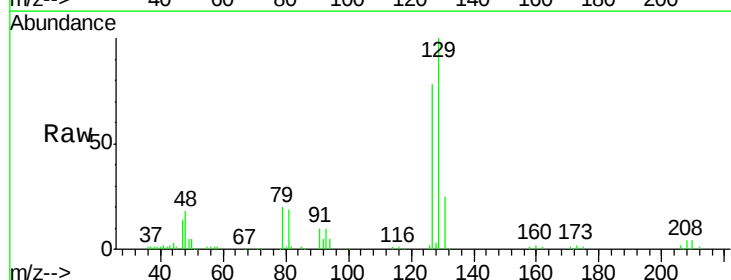
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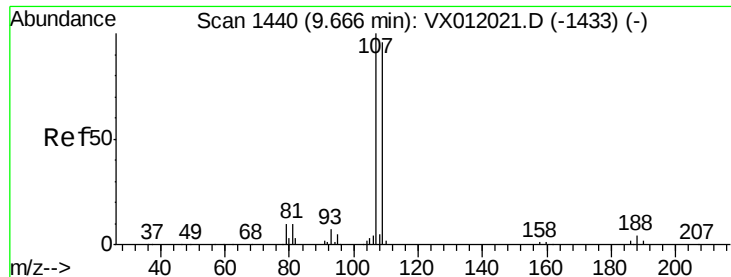
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#60
Dibromochloromethane
Concen: 22.011 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX012219.D
Acq: 08 Sep 2019 13:23

Tgt Ion: 129 Resp: 30989
Ion Ratio Lower Upper
129 100
127 78.5 38.1 114.5





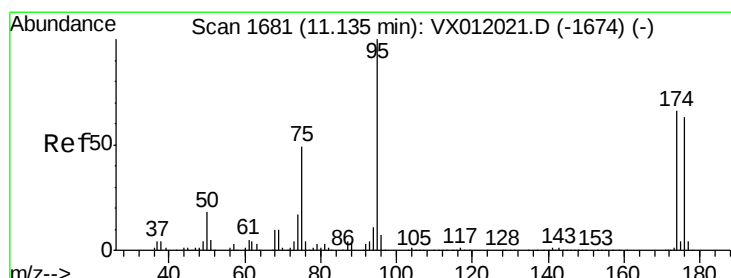
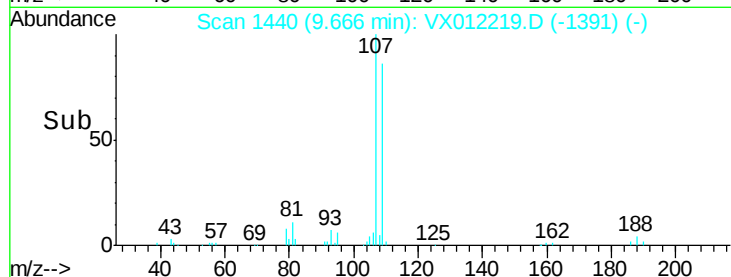
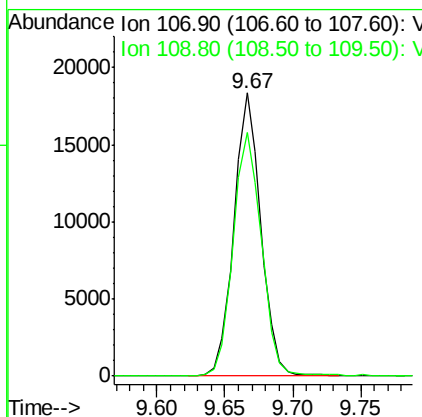
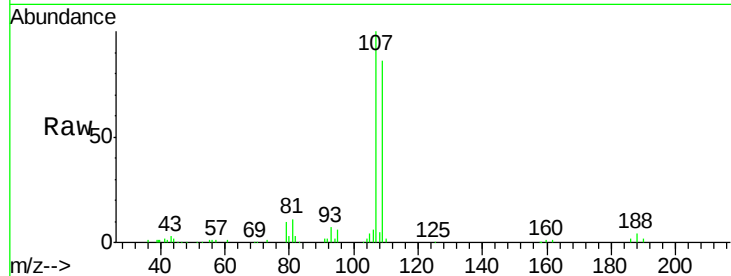
#61
 1,2-Dibromoethane
 Concen: 22.088 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VX012219.D
 Acq: 08 Sep 2019 13:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0908SBS02

Tot Ion	Ratio	Lower	Upper
107	100		
109	90.8	76.9	115.3

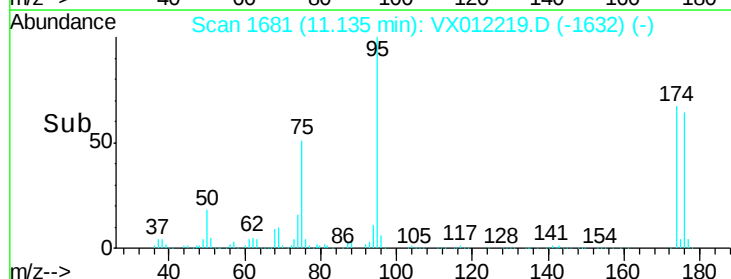
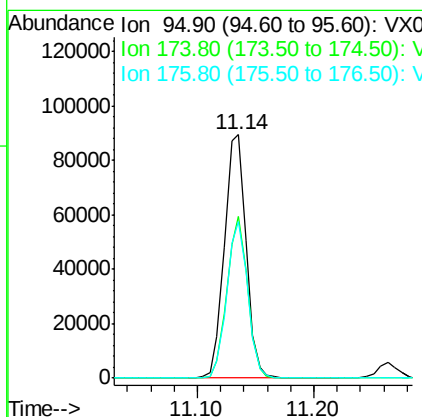
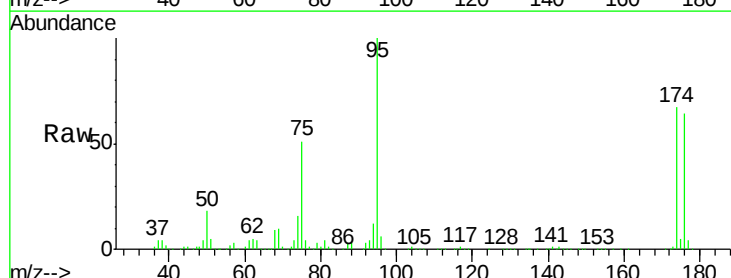
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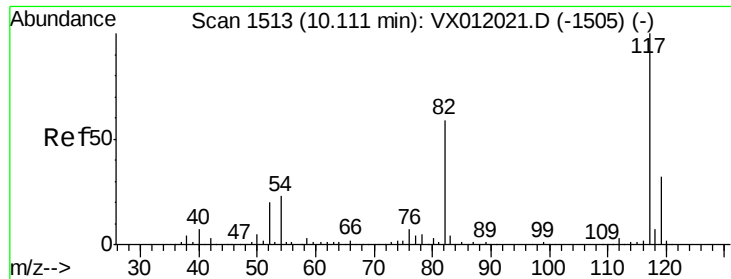
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 9/9/2019 8:43:05 AM



#62
 4-Bromofluorobenzene
 Concen: 50.512 ug/l
 RT: 11.14 min Scan# 1681
 Delta R.T. -0.00 min
 Lab File: VX012219.D
 Acq: 08 Sep 2019 13:23

Tgt Ion	Ratio	Lower	Upper
95	100		
174	63.3	0.0	205.4
176	62.3	0.0	201.8





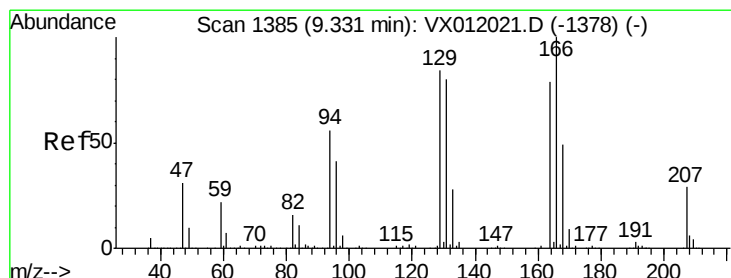
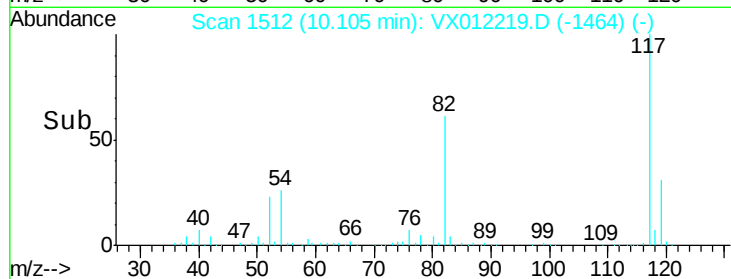
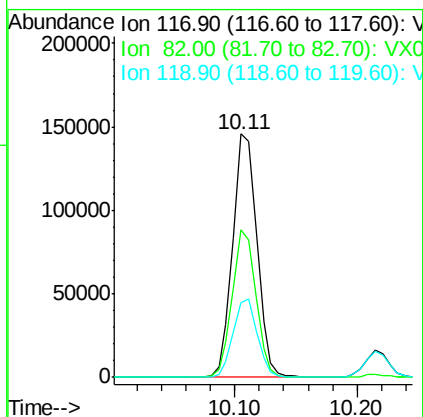
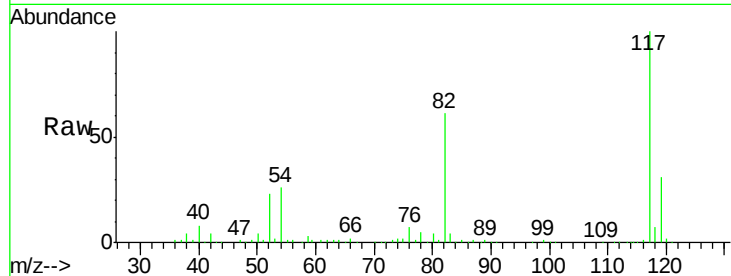
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX012219.D
Acq: 08 Sep 2019 13:23

Instrument :
MSVOA_X
ClientSampleId :
VX0908SBS02

Tot Ion	Ratio	Resp	Lower	Upper
117	100	199006		
82	60.8	39.4	59.0	
119	30.8	26.1	39.1	

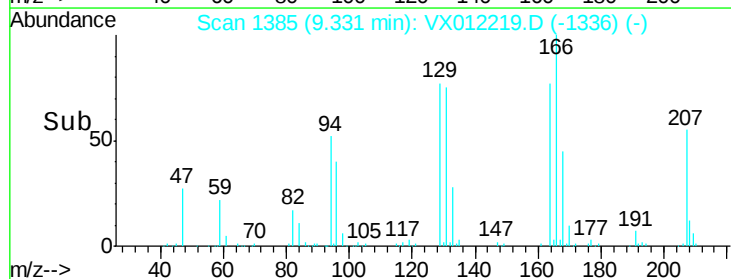
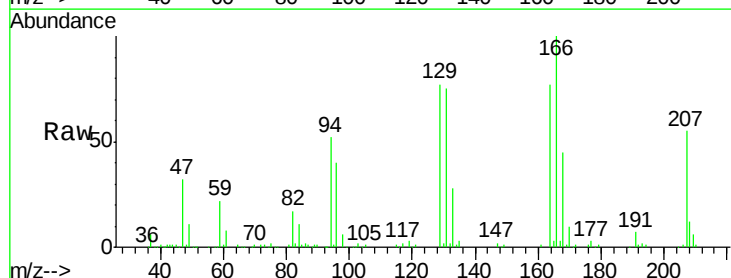
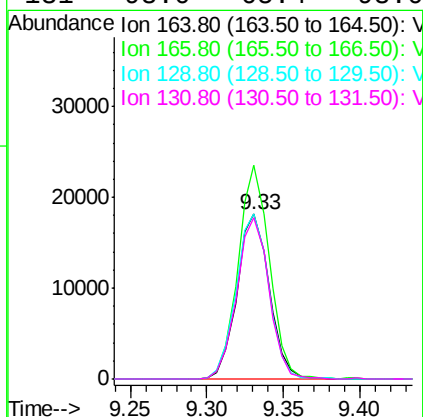
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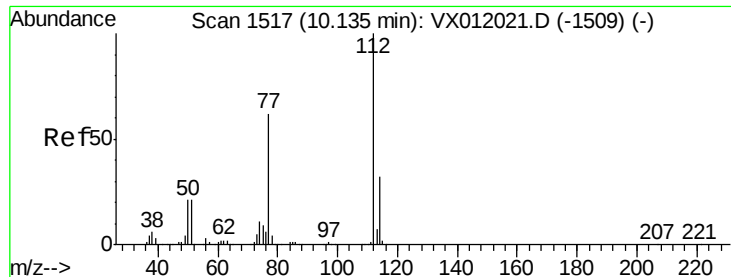
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#64
Tetrachloroethene
Concen: 21.425 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX012219.D
Acq: 08 Sep 2019 13:23

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	26582		
166	129.8	104.3	156.5	
129	100.4	68.3	102.5	
131	98.0	65.4	98.0	





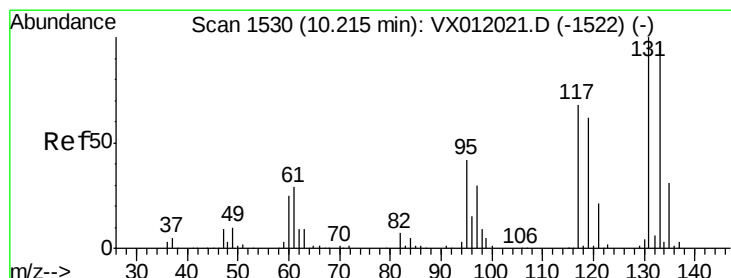
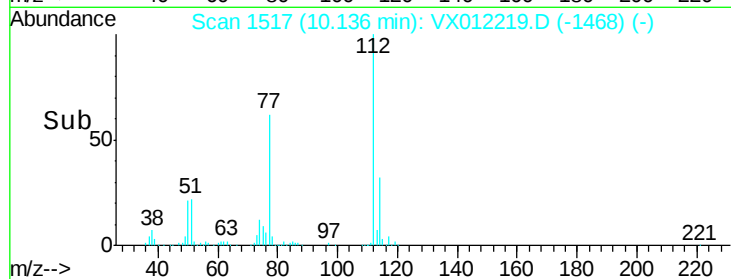
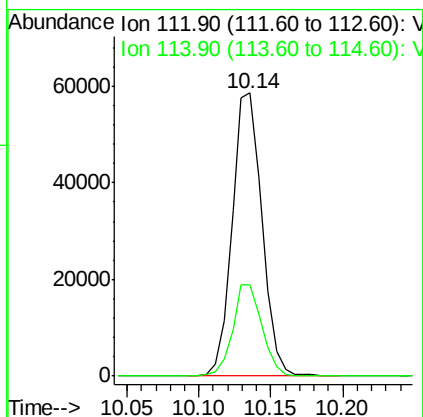
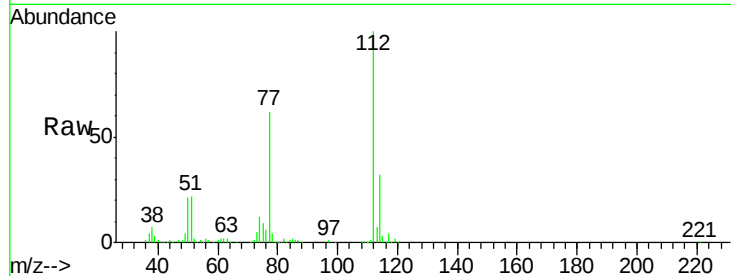
#65
Chlorobenzene
Concen: 21.590 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX012219.D
Acq: 08 Sep 2019 13:23

Instrument :
MSVOA_X
ClientSampleId :
VX0908SBS02

Tot Ion:112 Resp: 84773
Ion Ratio Lower Upper
112 100
114 32.1 26.2 39.2

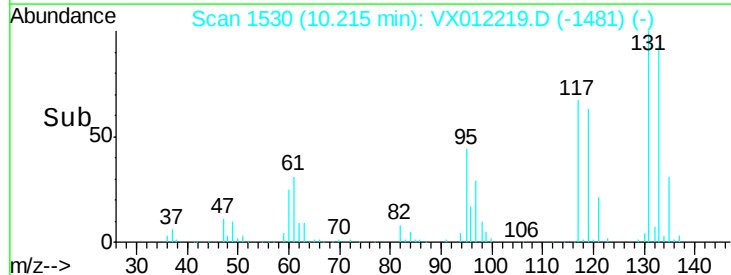
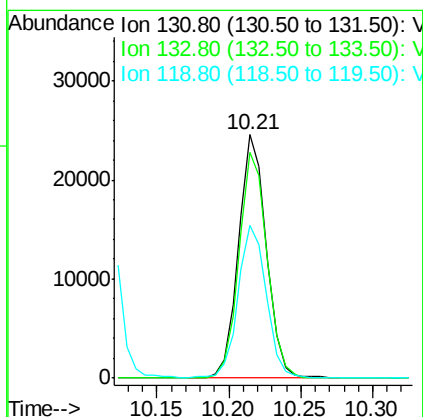
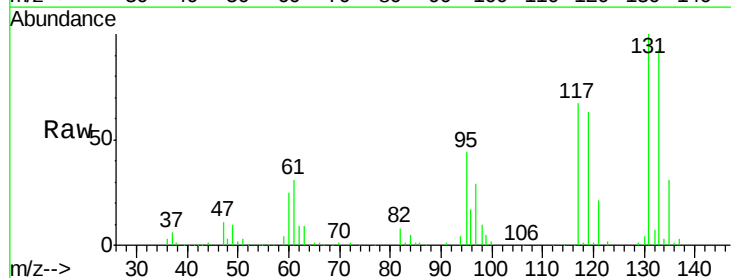
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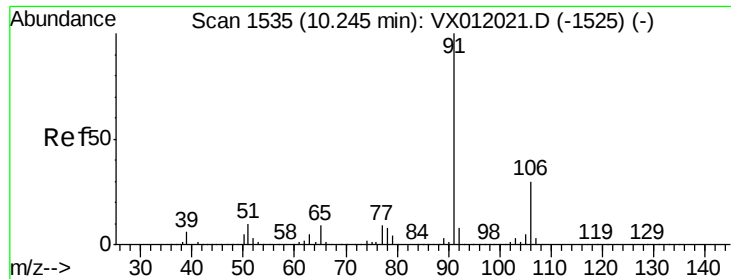
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#66
1,1,1,2-Tetrachloroethane
Concen: 22.851 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX012219.D
Acq: 08 Sep 2019 13:23

Tgt Ion:131 Resp: 32808
Ion Ratio Lower Upper
131 100
133 93.8 48.4 145.0
119 64.3 30.5 91.5





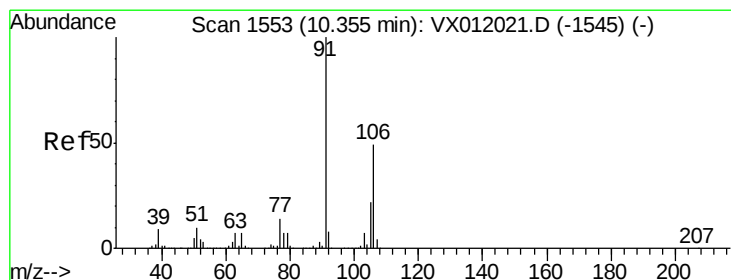
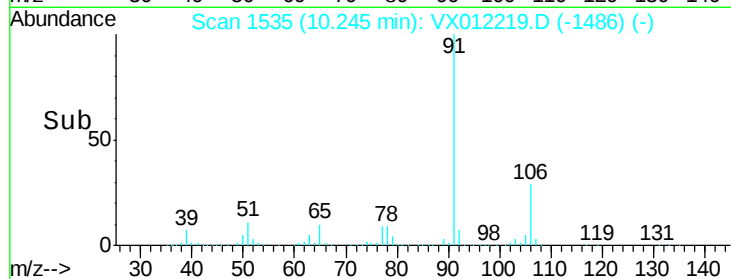
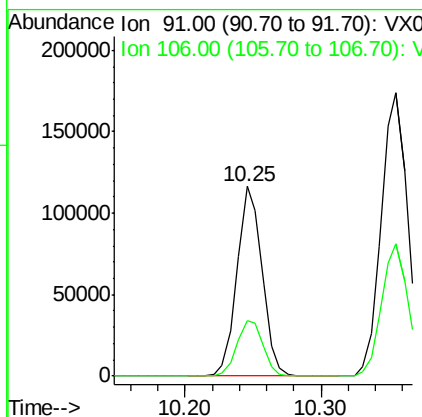
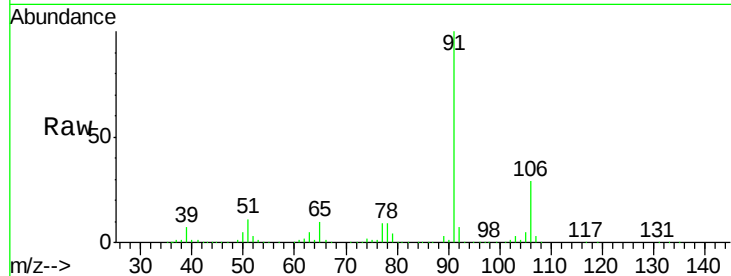
#67
Ethyl Benzene
Concen: 20.962 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX012219.D
Acq: 08 Sep 2019 13:23

Instrument :
MSVOA_X
ClientSampleId :
VX0908SBS02

Tot Ion: 91 Resp: 150033
Ion Ratio Lower Upper
91 100
106 29.2 25.8 38.8

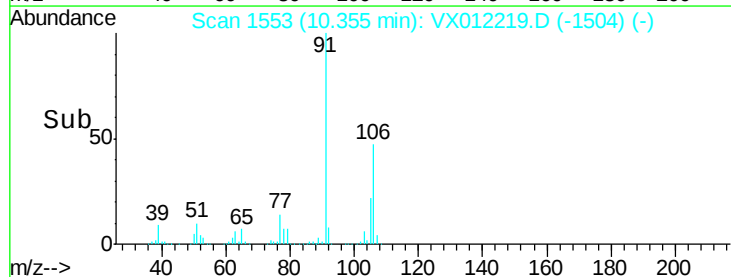
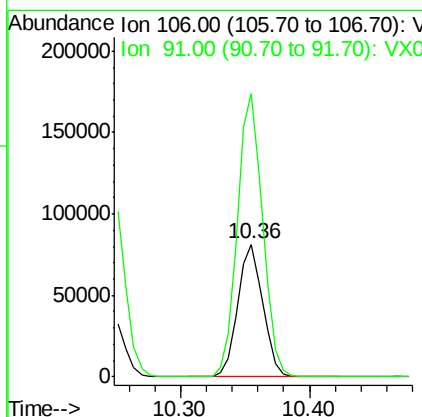
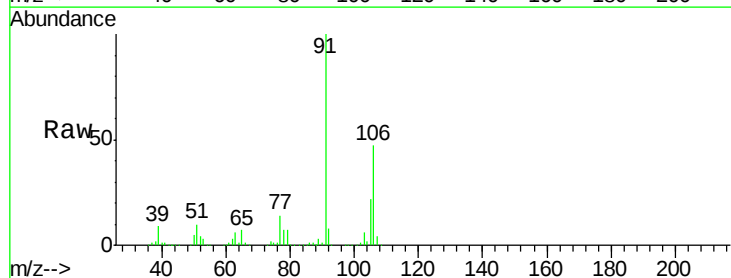
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#68
m/p-Xylenes
Concen: 41.528 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX012219.D
Acq: 08 Sep 2019 13:23

Tgt Ion: 106 Resp: 109511
Ion Ratio Lower Upper
106 100
91 215.6 157.5 236.3





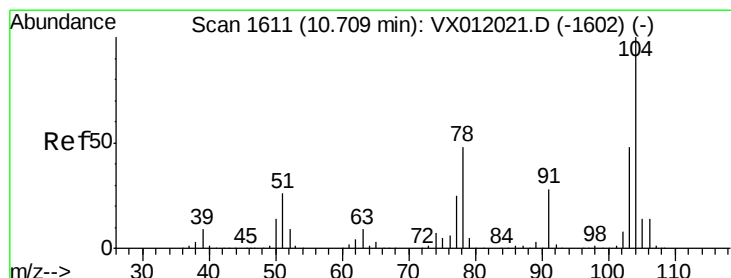
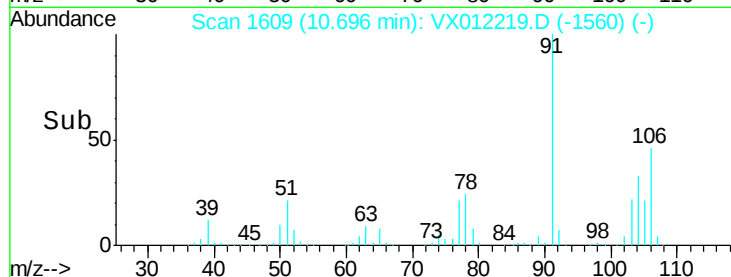
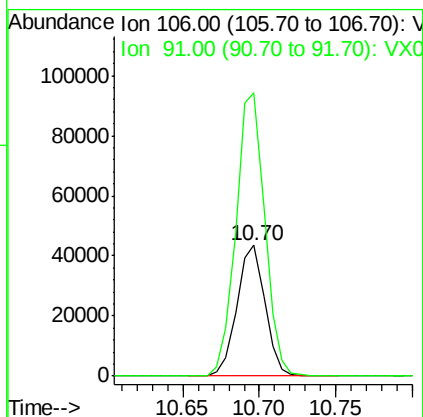
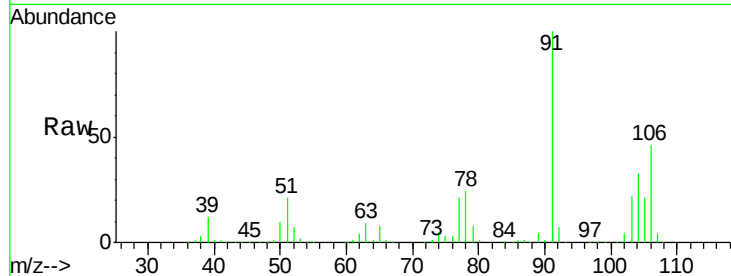
#69
o-Xylene
Concen: 21.681 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012219.D
Acq: 08 Sep 2019 13:23

Instrument :
MSVOA_X
ClientSampleId :
VX0908SBS02

Tot Ion:106 Resp: 55441
Ion Ratio Lower Upper
106 100
91 222.3 103.5 310.3

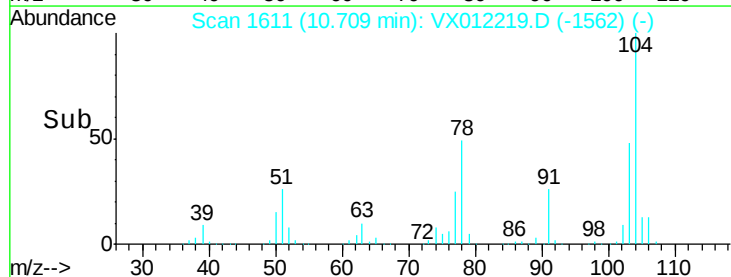
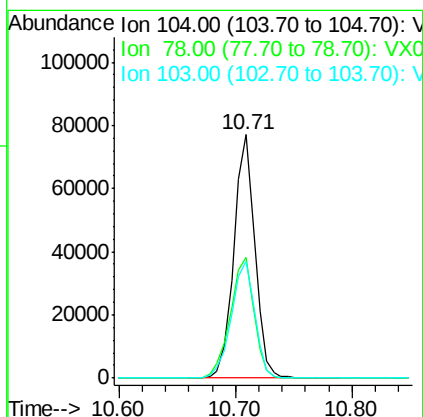
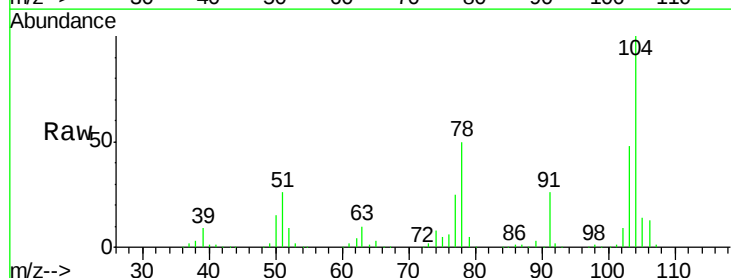
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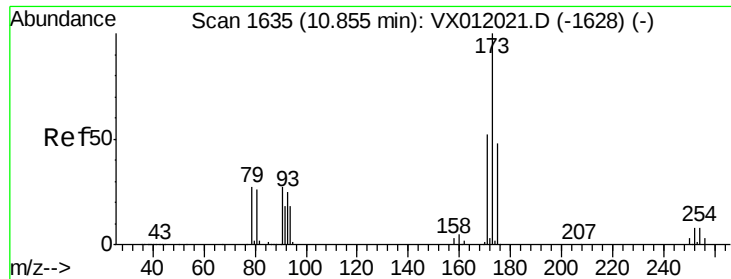
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#70
Styrene
Concen: 21.954 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX012219.D
Acq: 08 Sep 2019 13:23

Tgt Ion:104 Resp: 97509
Ion Ratio Lower Upper
104 100
78 56.1 39.1 58.7
103 53.6 43.4 65.2





#71

Bromoform

Concen: 22.900 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX012219.D

Acq: 08 Sep 2019 13:23

Instrument :

MSVOA_X

ClientSampleId :

VX0908SBS02

Tot Ion:173 Resp: 18058

Ion Ratio Lower Upper

173 100

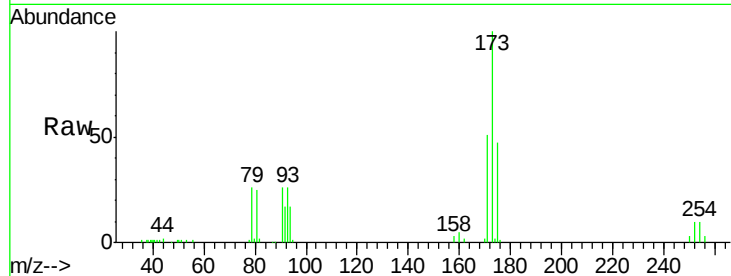
175 47.3 24.9 74.7

254 0.0 0.1 0.1#

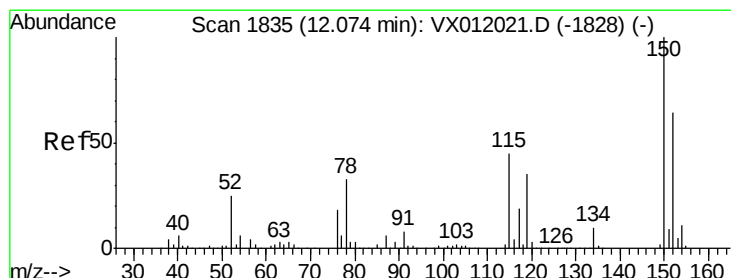
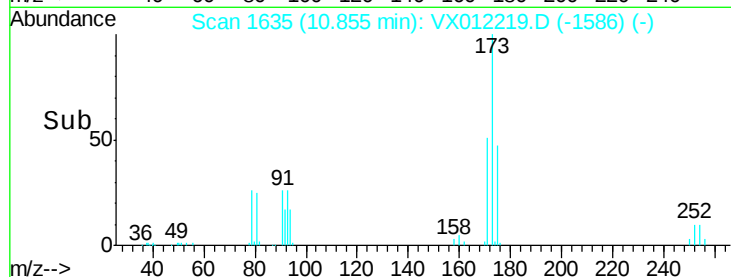
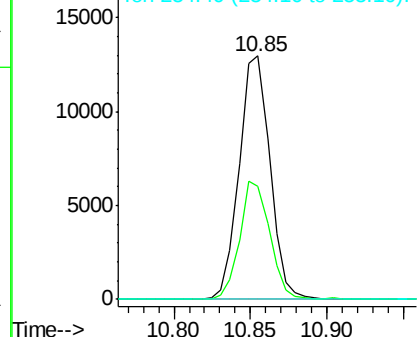
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX012219.D

Acq: 08 Sep 2019 13:23

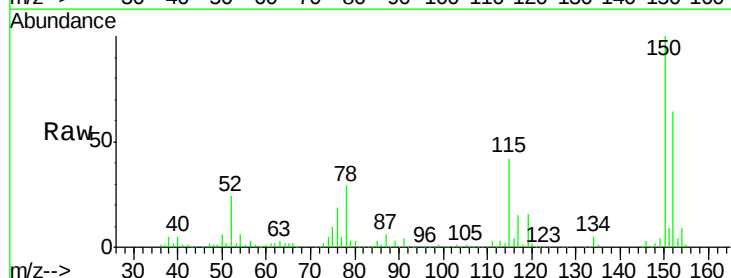
Tgt Ion:152 Resp: 98913

Ion Ratio Lower Upper

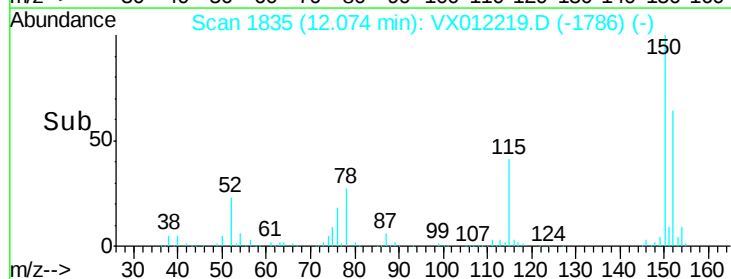
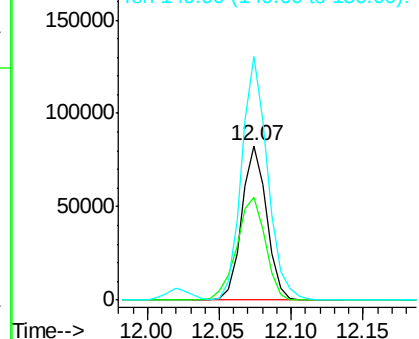
152 100

115 77.7 36.4 109.3

150 165.5 0.0 341.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.200 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX012219.D

Acq: 08 Sep 2019 13:23

Instrument :

MSVOA_X

ClientSampleId :

VX0908SBS02

Tot Ion: 105 Resp: 153854

Ion Ratio Lower Upper

105 100

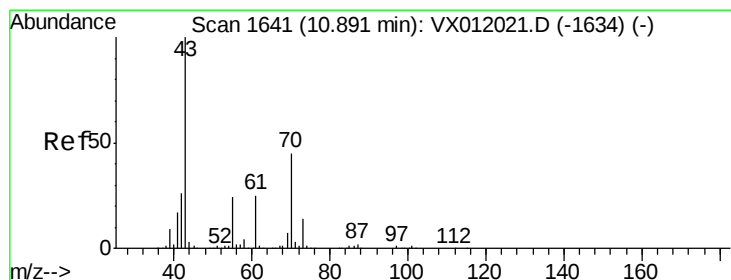
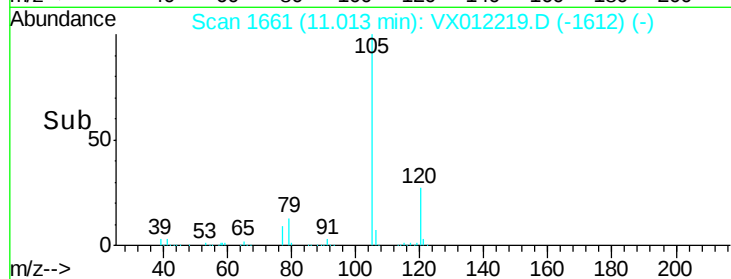
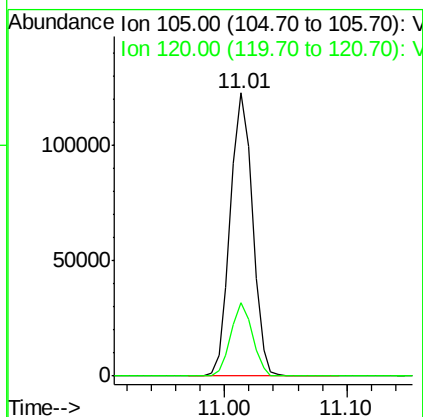
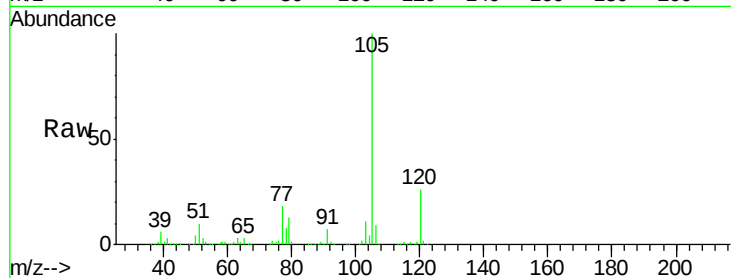
120 25.3 13.9 41.6

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#74

N-ethyl acetate

Concen: 22.946 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX012219.D

Acq: 08 Sep 2019 13:23

Tgt Ion: 43 Resp: 49236

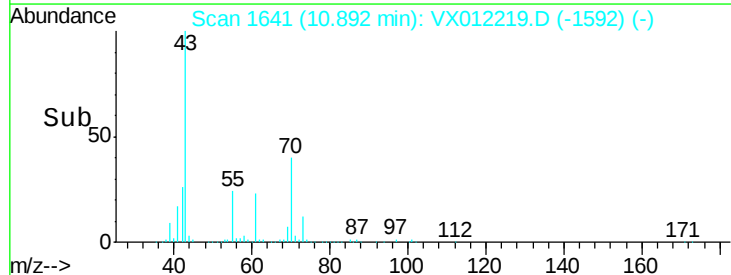
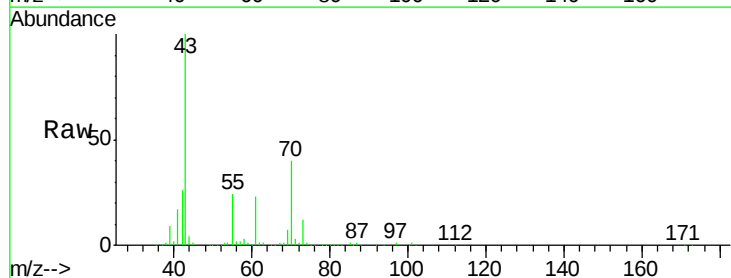
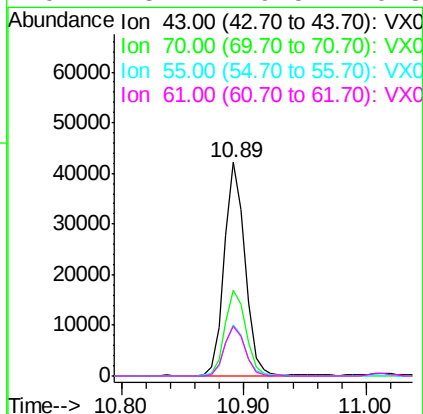
Ion Ratio Lower Upper

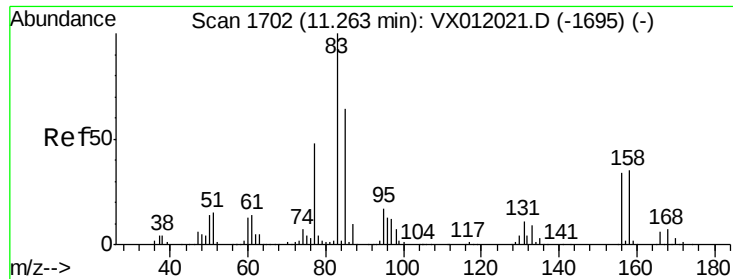
43 100

70 40.9 34.4 51.6

55 24.7 18.5 27.7

61 23.7 19.5 29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 23.893 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX012219.D

Acq: 08 Sep 2019 13:23

Instrument :

MSVOA_X

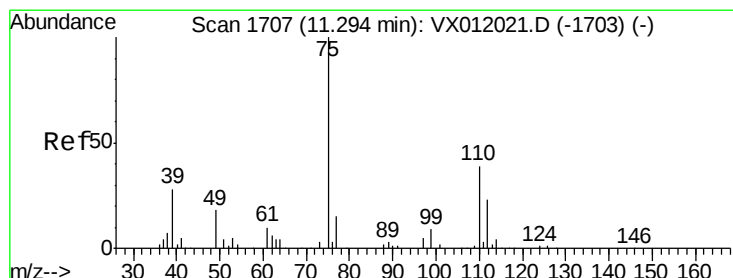
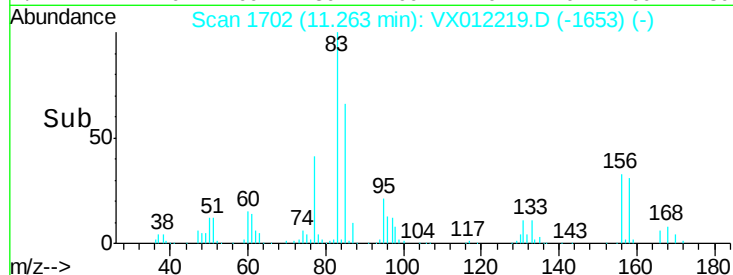
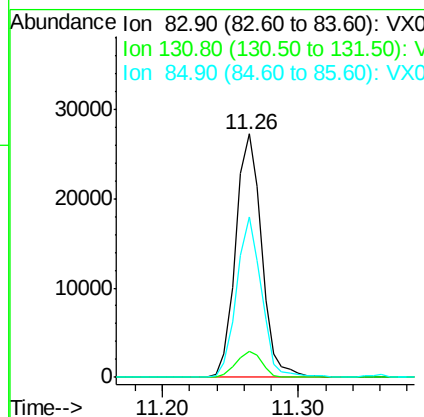
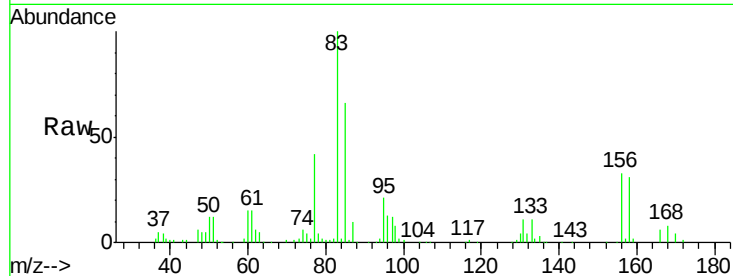
ClientSampleId :

VX0908SBS02

Tot Ion:	83	Resp:	36149
Ion Ratio	Lower	Upper	
83	100		
131	10.7	6.3	19.1
85	63.3	32.5	97.4

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#76

1,2,3-Trichloropropane

Concen: 22.645 ug/l m

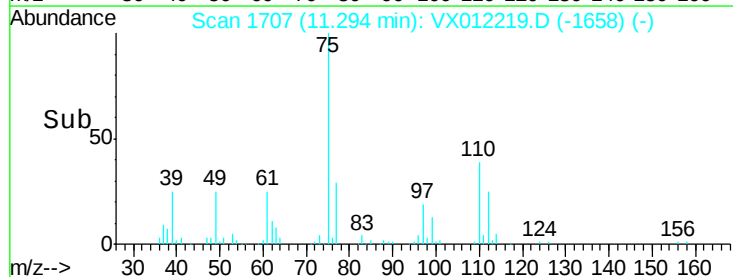
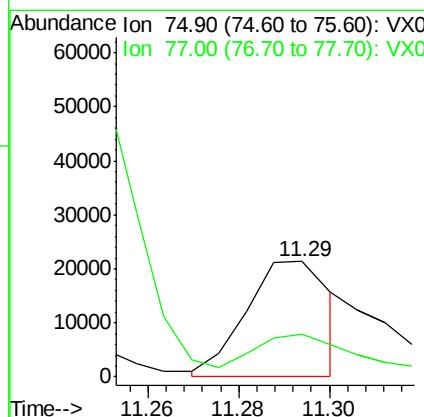
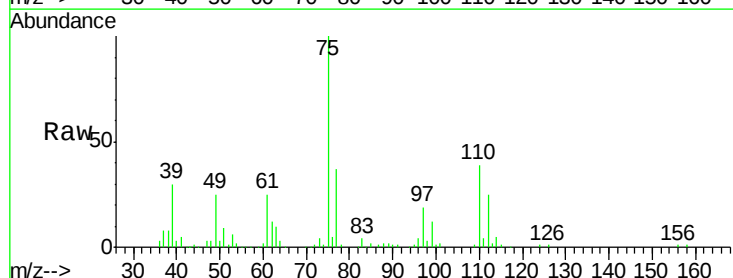
RT: 11.29 min Scan# 1707

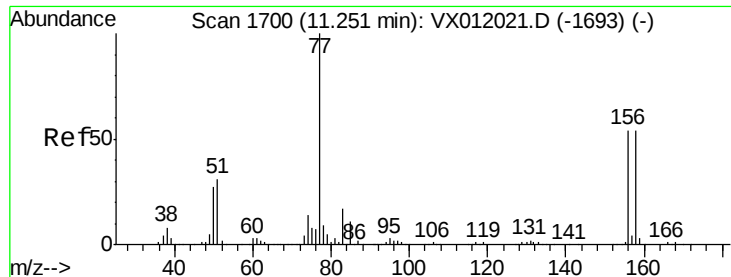
Delta R.T. -0.00 min

Lab File: VX012219.D

Acq: 08 Sep 2019 13:23

Tgt Ion:	75	Resp:	27368
Ion Ratio	Lower	Upper	
75	100		
77	47.6	23.5	70.5





#77

Bromobenzene

Concen: 22.049 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX012219.D

Acq: 08 Sep 2019 13:23

Instrument :

MSVOA_X

ClientSampleId :

VX0908SBS02

Tot Ion:156 Resp: 35788

Ion Ratio Lower Upper

156 100

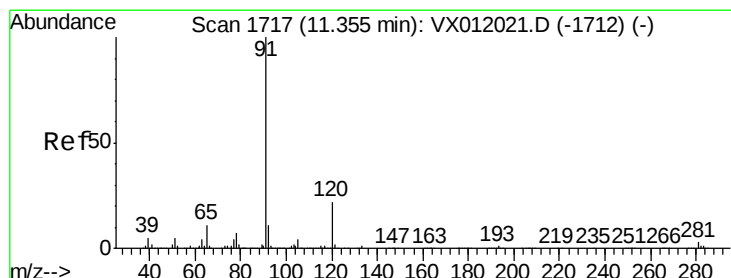
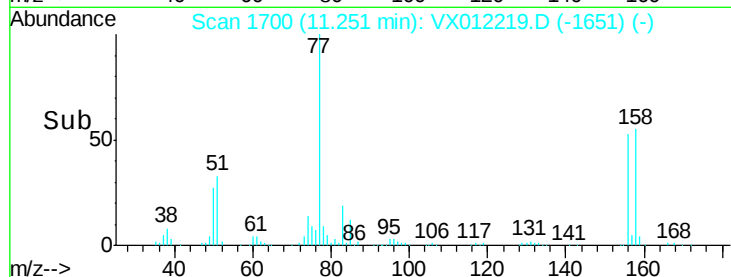
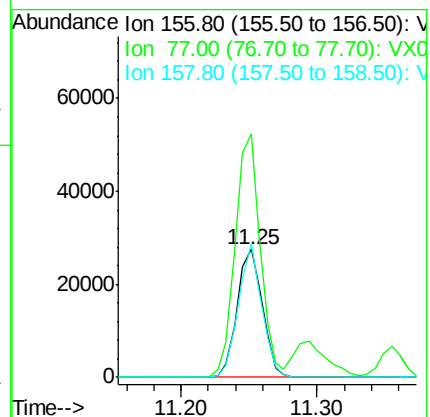
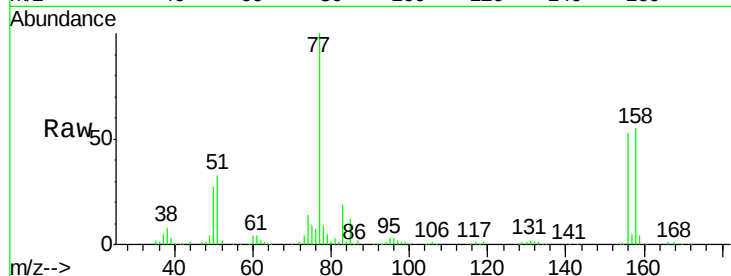
77 188.1 63.4 190.2

158 96.0 48.9 146.6

Manual Integrations
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#78

n-propylbenzene

Concen: 21.045 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX012219.D

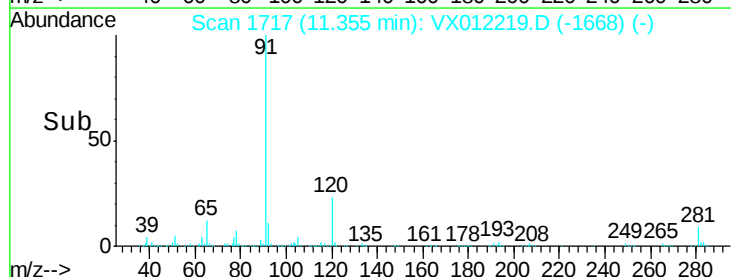
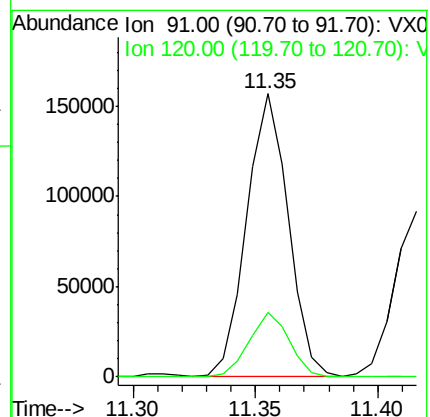
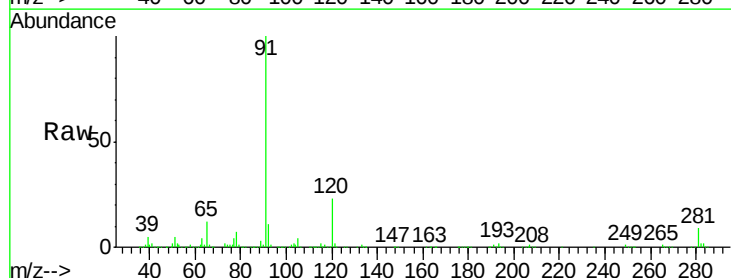
Acq: 08 Sep 2019 13:23

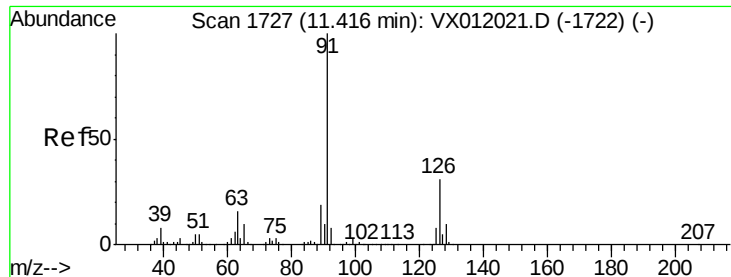
Tgt Ion: 91 Resp: 184514

Ion Ratio Lower Upper

91 100

120 22.3 12.7 38.0





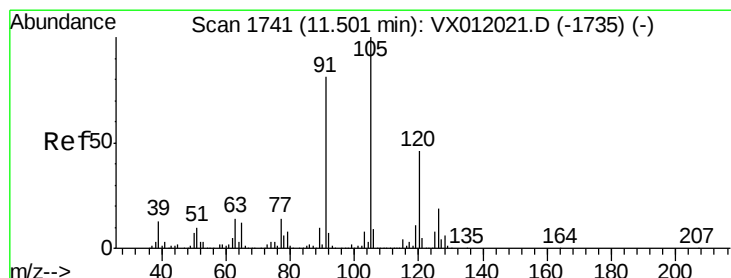
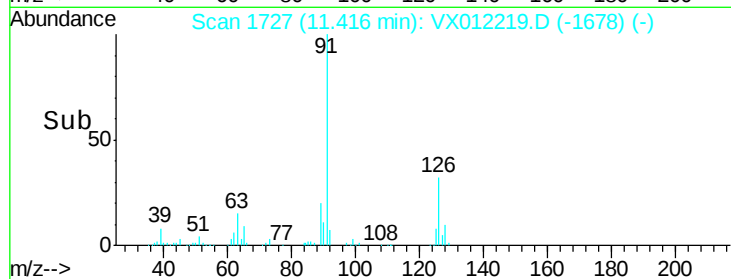
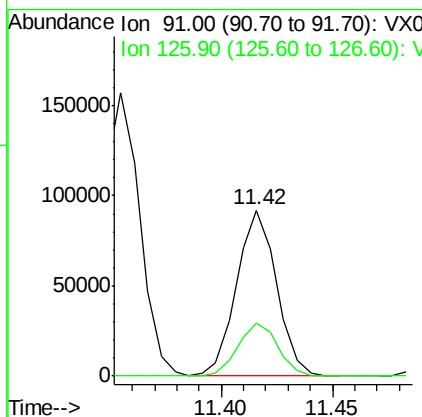
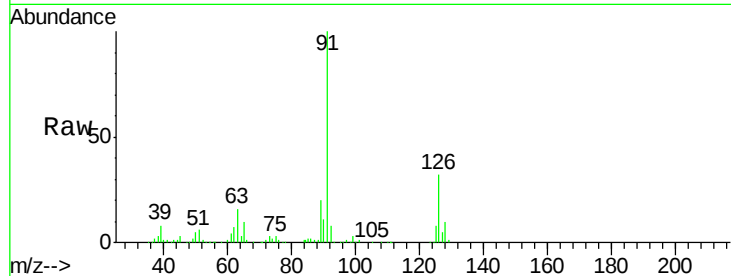
#79
 2-Chlorotoluene
 Concen: 21.633 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX012219.D
 Acq: 08 Sep 2019 13:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0908SBS02

Tot Ion	Ratio	Lower	Upper
91	100		
126	32.2	18.6	55.8

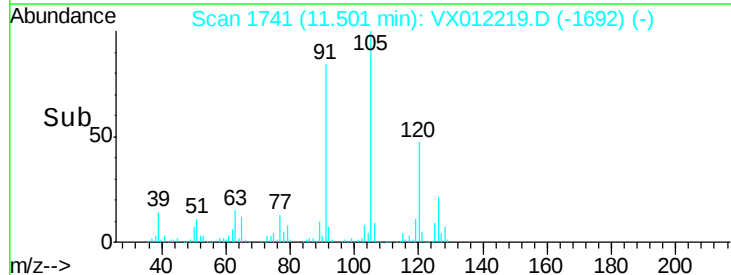
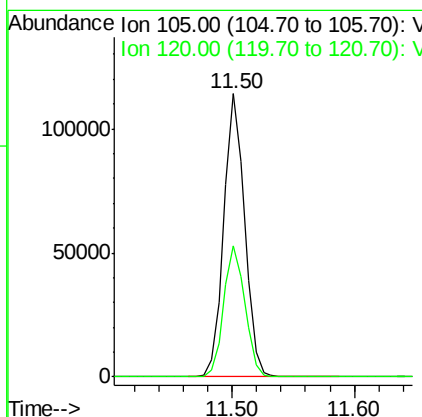
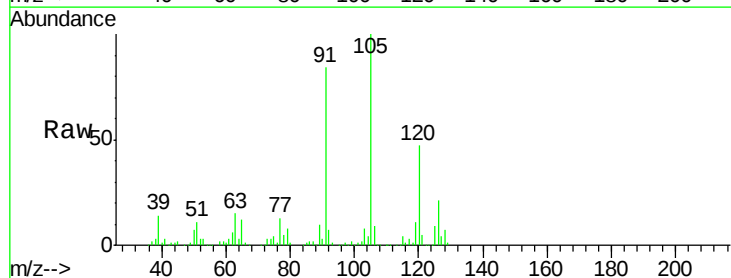
Manual Integrations
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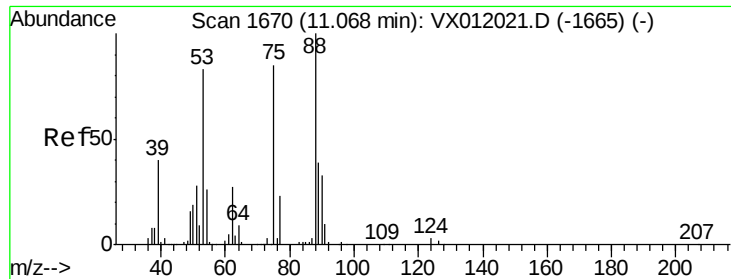
MMDadoda
 9/9/2019 8:43:05 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 21.206 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX012219.D
 Acq: 08 Sep 2019 13:23

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.3	25.8	77.3





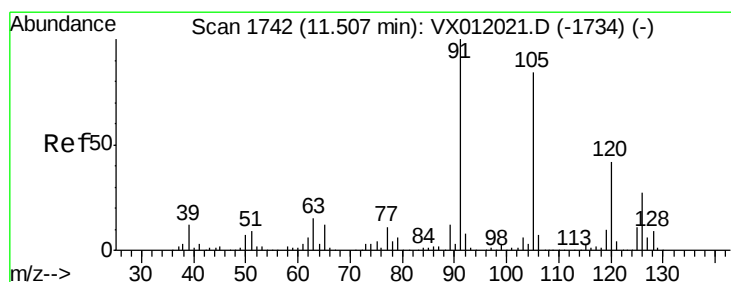
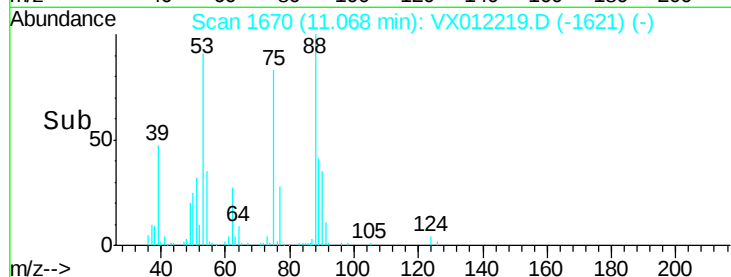
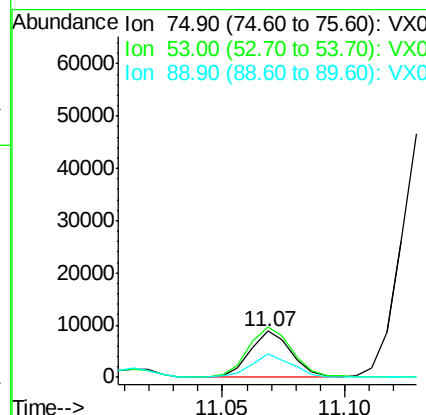
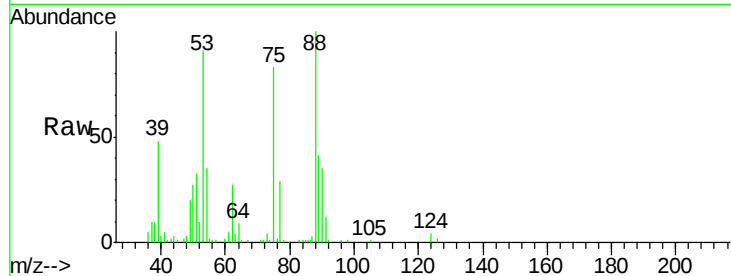
#81
trans-1,4-Dichloro-2-butene
Concen: 20.804 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX012219.D
Acq: 08 Sep 2019 13:23

Instrument :
MSVOA_X
ClientSampleId :
VX0908SBS02

Tot Ion	Ratio	Lower	Upper
75	100		
53	113.8	78.6	117.8
89	49.8	38.8	58.2

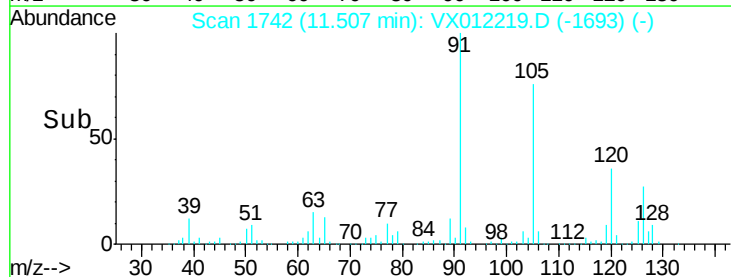
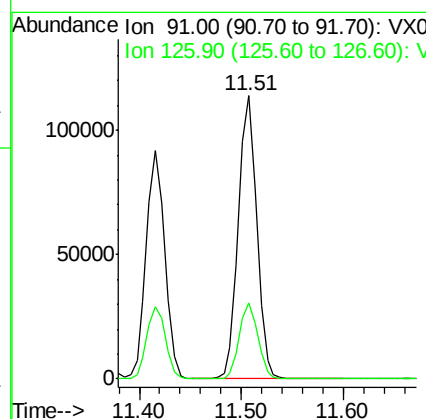
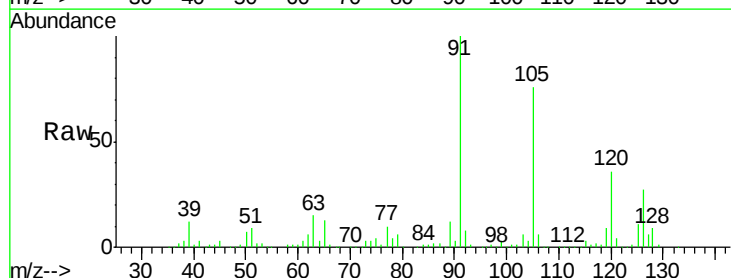
Manual Integrations
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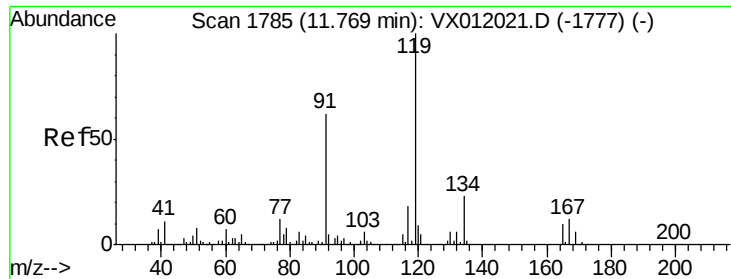
MMDadoda
9/9/2019 8:43:05 AM



#82
4-Chlorotoluene
Concen: 22.317 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX012219.D
Acq: 08 Sep 2019 13:23

Tgt Ion	Ratio	Lower	Upper
91	100		
126	26.9	16.2	48.6





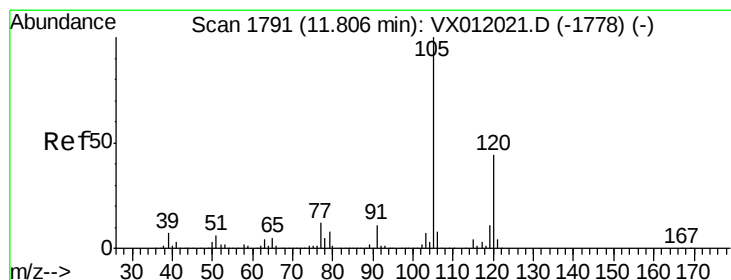
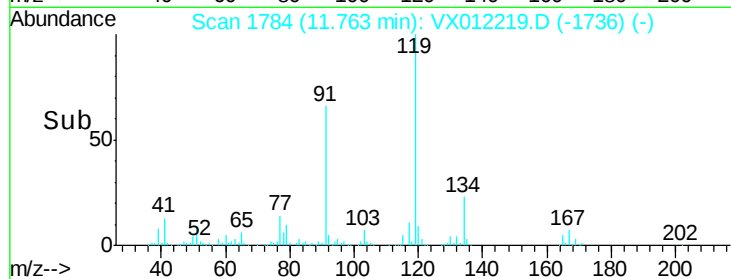
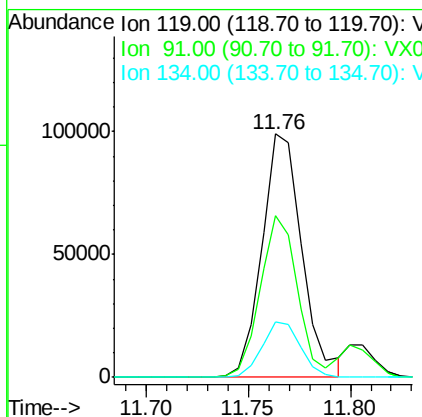
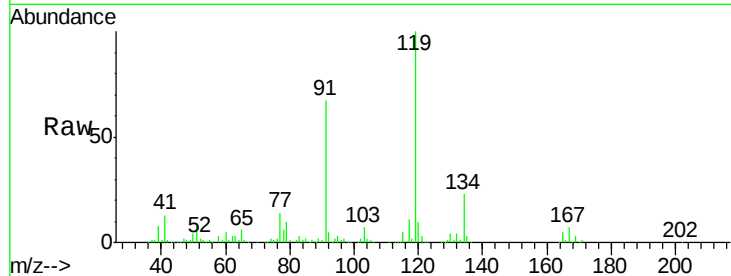
#83
tert-Butylbenzene
Concen: 22.324 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.01 min
Lab File: VX012219.D
Acq: 08 Sep 2019 13:23

Instrument :
MSVOA_X
ClientSampleId :
VX0908SBS02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	135326		
91	61.9	27.1	81.2	
134	22.0	12.1	36.3	

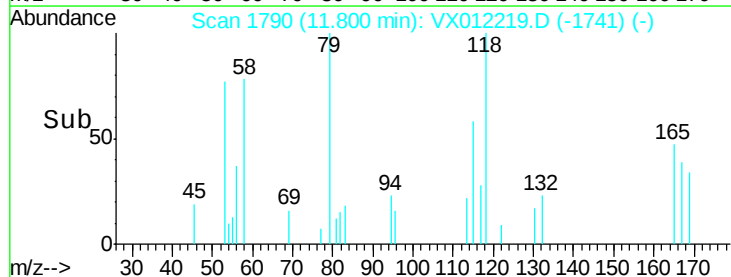
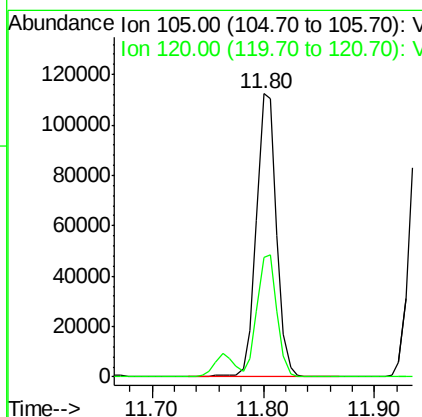
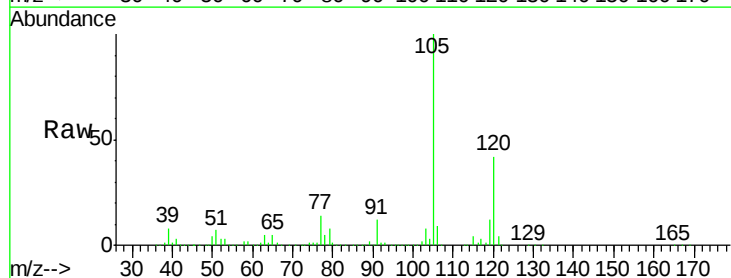
Manual Integrations
APPROVED

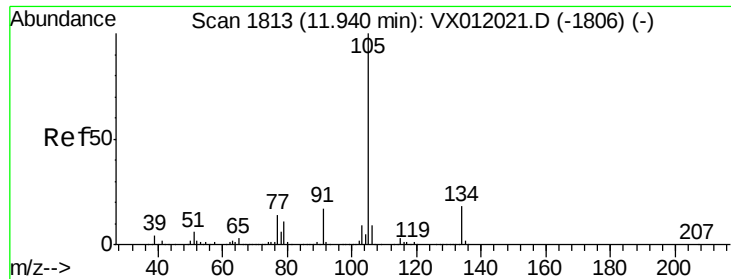
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 21.711 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VX012219.D
Acq: 08 Sep 2019 13:23

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	141918		
120	42.6	23.6	70.8	





#85

sec-Butylbenzene

Concen: 21.241 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX012219.D

Acq: 08 Sep 2019 13:23

Instrument :

MSVOA_X

ClientSampleId :

VX0908SBS02

Tot Ion:105 Resp: 159931

Ion Ratio Lower Upper

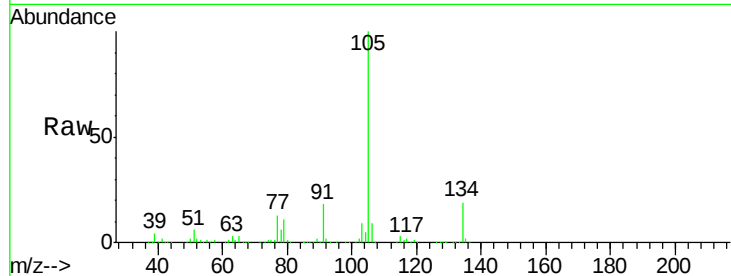
105 100

134 19.5 11.2 33.6

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

Ion 134.00 (133.70 to 134.70): V

11.94

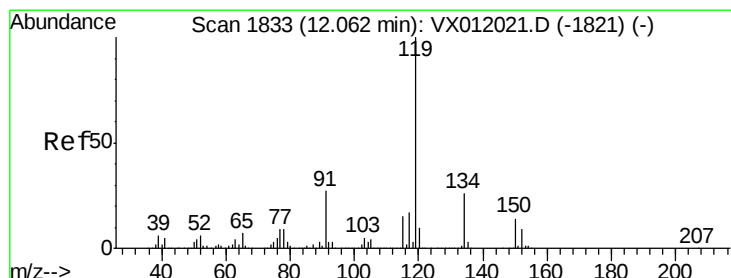
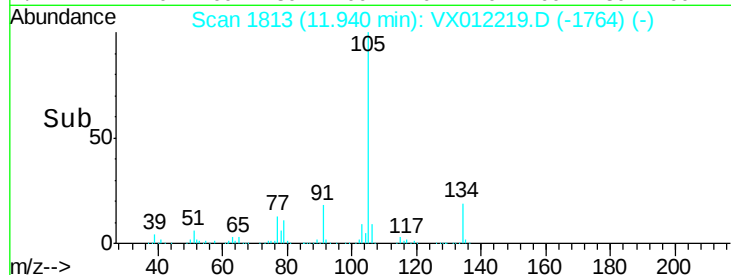
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 21.026 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX012219.D

Acq: 08 Sep 2019 13:23

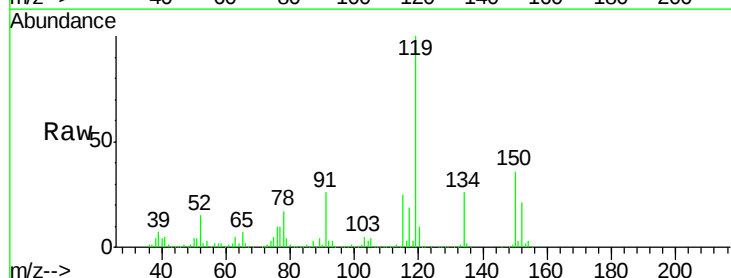
Tgt Ion:119 Resp: 143970

Ion Ratio Lower Upper

119 100

134 25.8 13.7 41.1

91 27.4 11.4 34.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.06

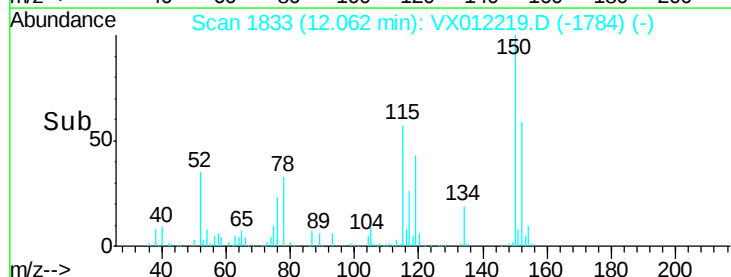
150000

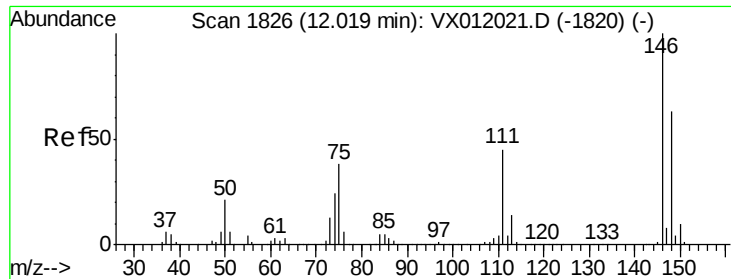
100000

50000

0

Time-->





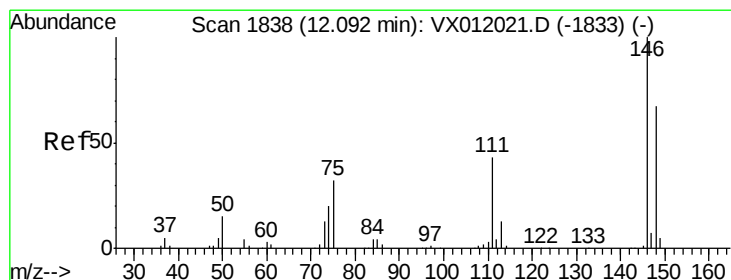
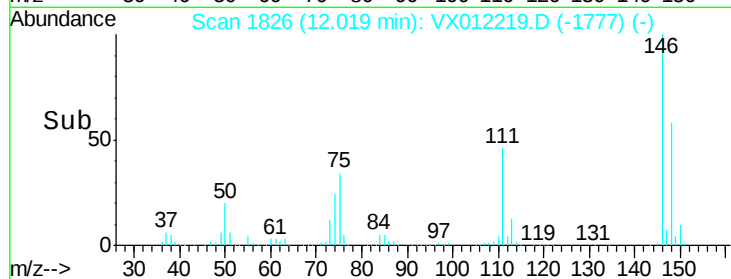
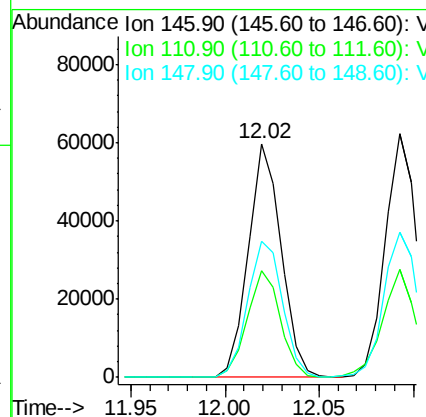
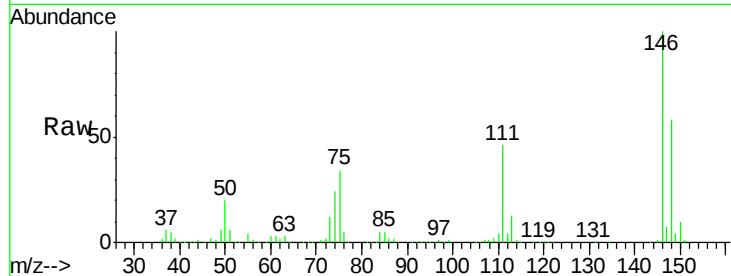
#87
 1,3-Dichlorobenzene
 Concen: 22.253 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX012219.D
 Acq: 08 Sep 2019 13:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0908SBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	46.2	18.1	54.1
148	61.7	32.6	97.8

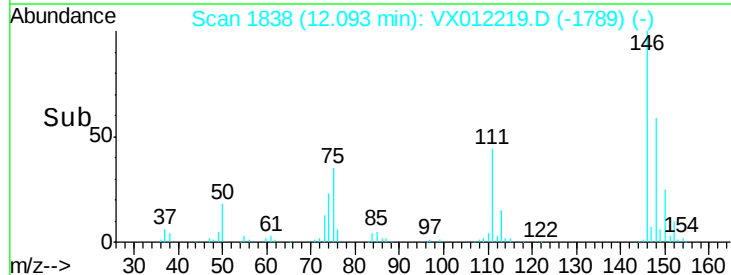
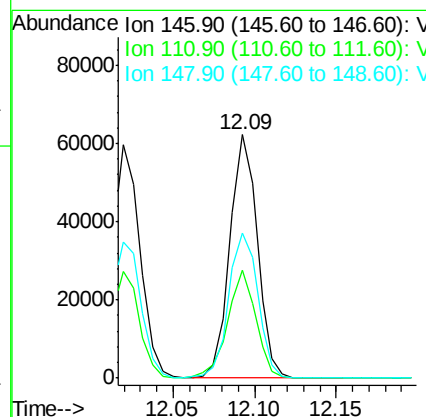
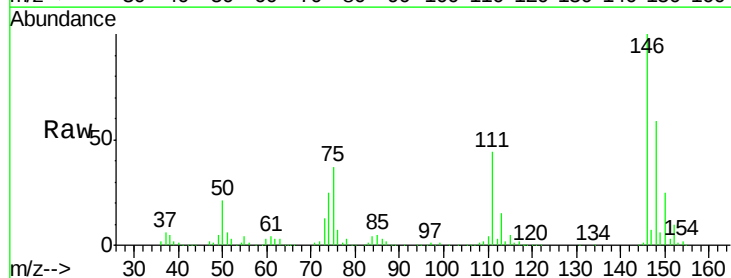
Manual Integrations
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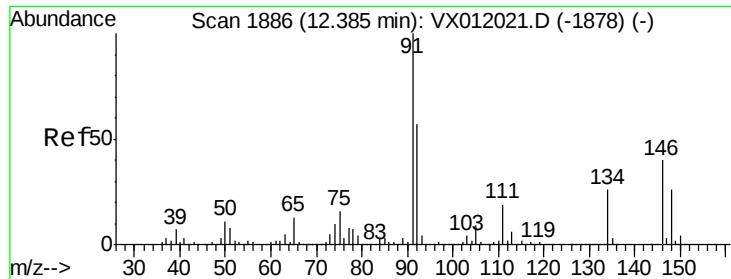
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#88
 1,4-Dichlorobenzene
 Concen: 22.501 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX012219.D
 Acq: 08 Sep 2019 13:23

Tgt Ion	Ratio	Lower	Upper
146	100		
111	45.6	17.7	53.1
148	63.4	32.4	97.0





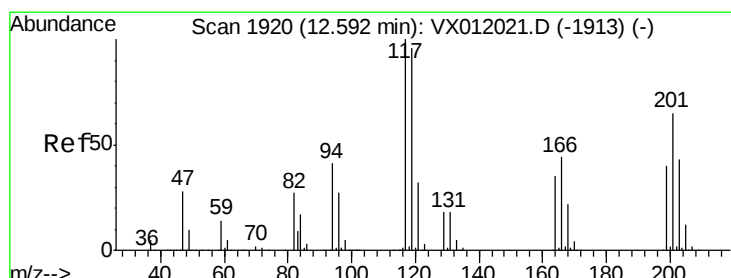
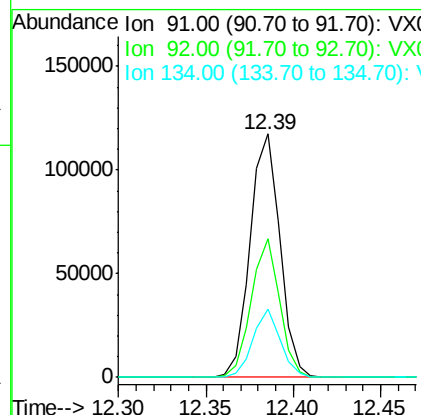
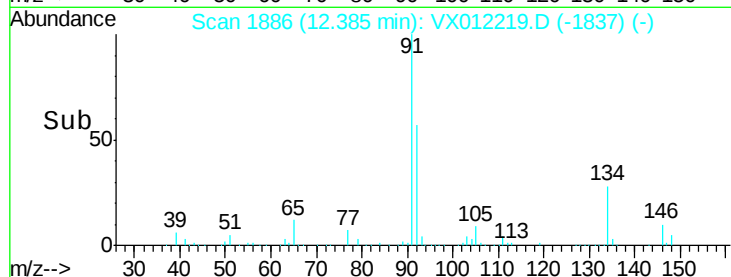
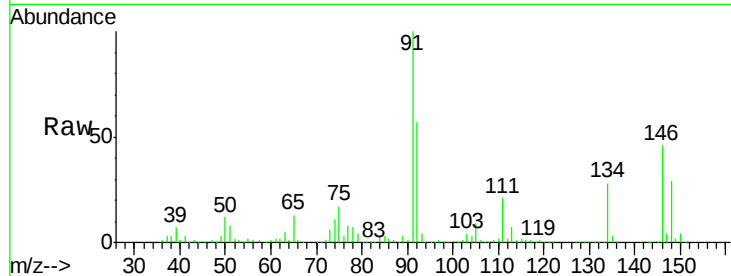
#89
n-Butylbenzene
Concen: 20.965 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX012219.D
Acq: 08 Sep 2019 13:23

Instrument :
MSVOA_X
ClientSampleId :
VX0908SBS02

Tot Ion	Ratio	Resp	Lower	Upper
91	100	139450		
92	54.4	27.6	82.8	
134	25.8	15.4	46.1	

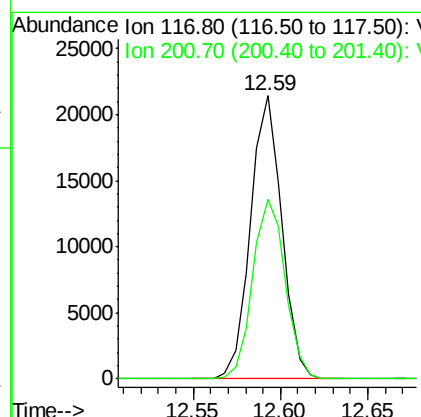
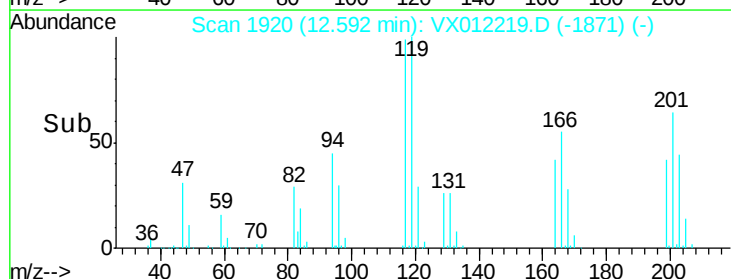
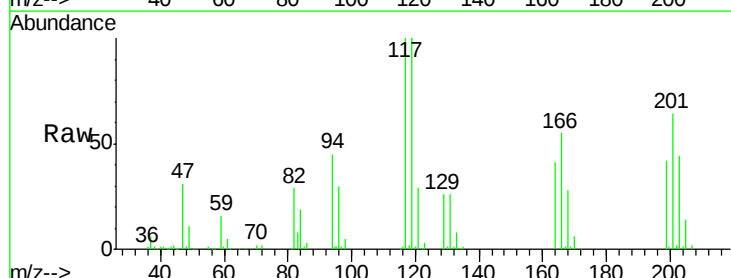
Manual Integrations
APPROVED

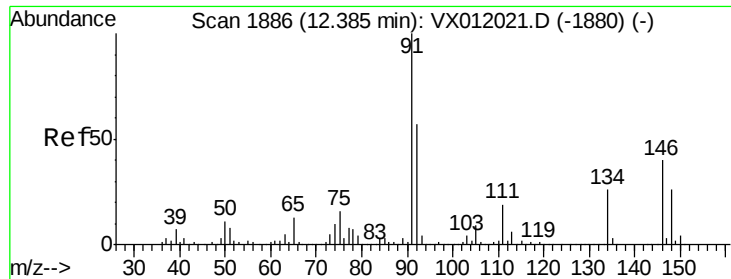
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#90
Hexachloroethane
Concen: 19.454 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX012219.D
Acq: 08 Sep 2019 13:23

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	26598		
201	66.0	55.0	165.2	





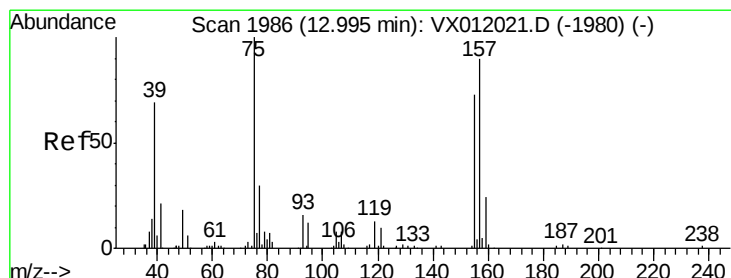
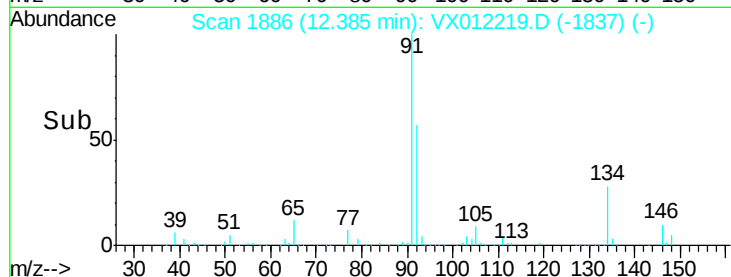
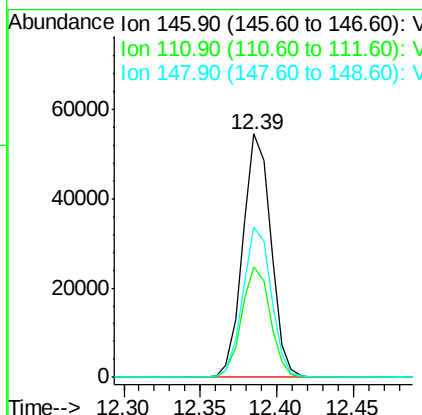
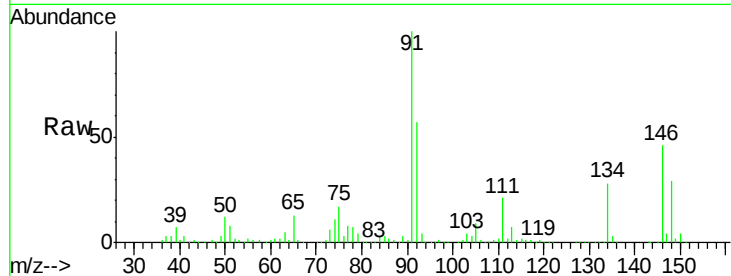
#91
 1,2-Dichlorobenzene
 Concen: 23.808 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX012219.D
 Acq: 08 Sep 2019 13:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0908SBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	46.0	18.6	56.0
148	62.2	32.4	97.2

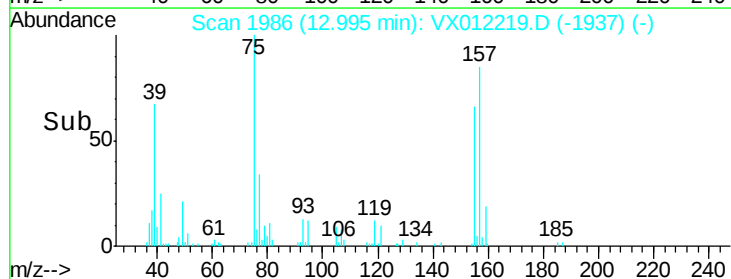
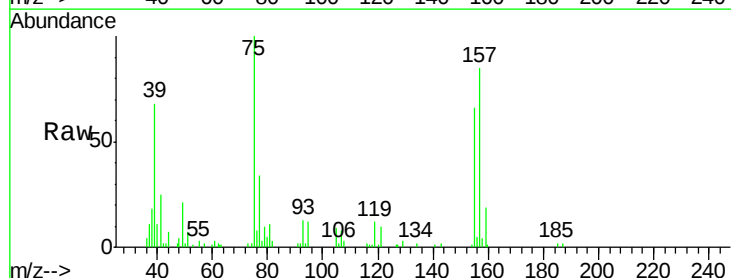
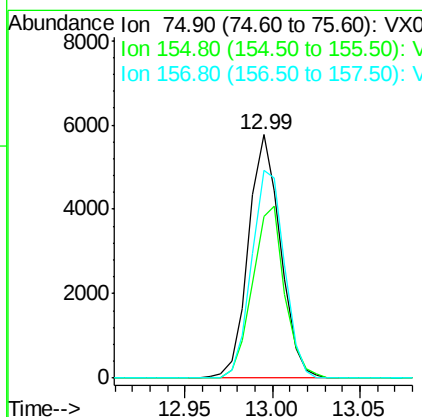
Manual Integrations
 APPROVED

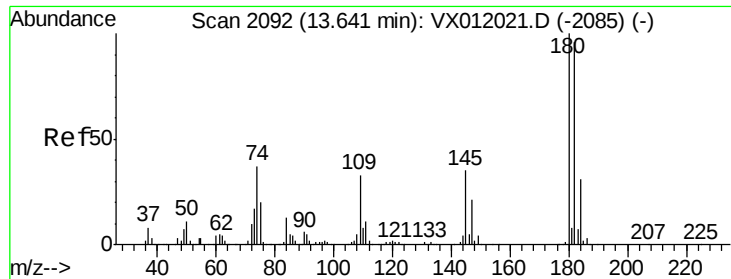
MMDadoda
 9/9/2019 8:43:05 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 23.164 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX012219.D
 Acq: 08 Sep 2019 13:23

Tgt Ion	Ratio	Lower	Upper
75	100		
155	71.1	51.7	155.2
157	87.1	66.9	200.7





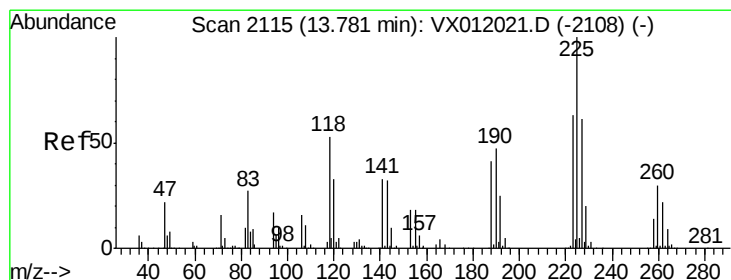
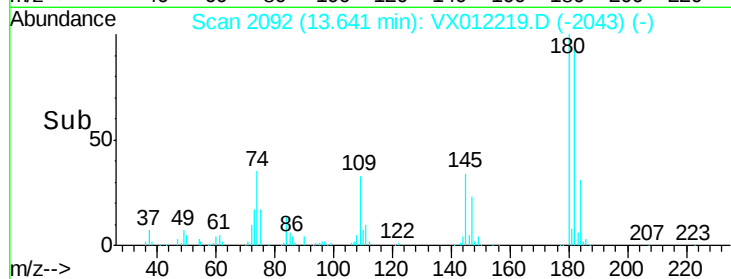
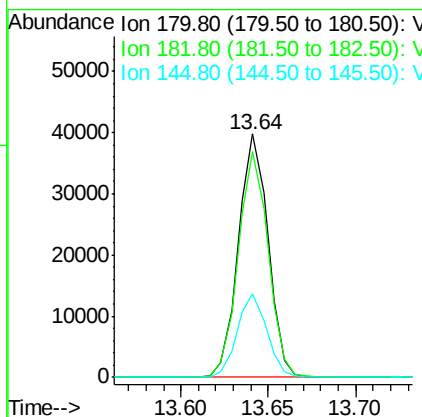
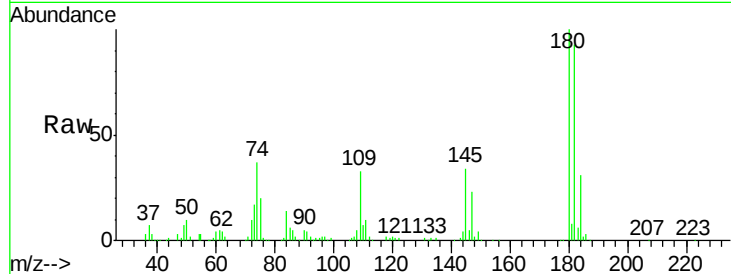
#93
 1,2,4-Trichlorobenzene
 Concen: 22.555 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX012219.D
 Acq: 08 Sep 2019 13:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0908SBS02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	47025		
182	93.3	47.3	142.0	
145	34.4	13.7	41.0	

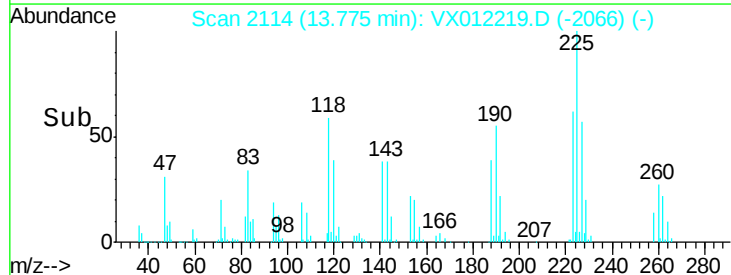
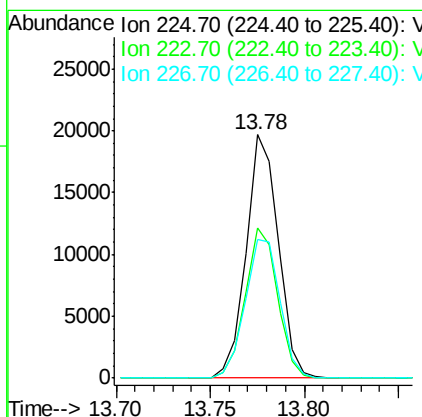
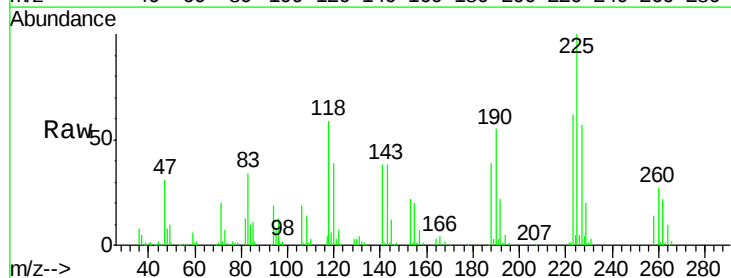
Manual Integrations
 APPROVED

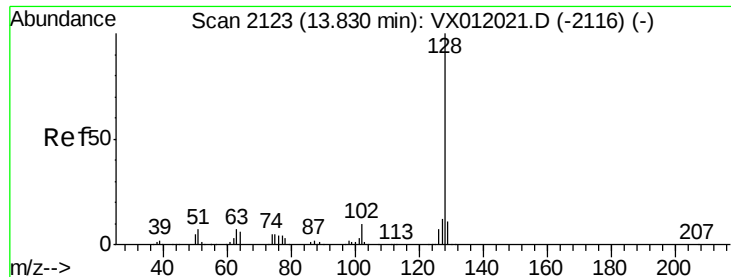
MMDadoda
 9/9/2019 8:43:05 AM



#94
 Hexachlorobutadiene
 Concen: 22.153 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.01 min
 Lab File: VX012219.D
 Acq: 08 Sep 2019 13:23

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	23282		
223	61.9	31.6	95.0	
227	61.7	32.5	97.5	





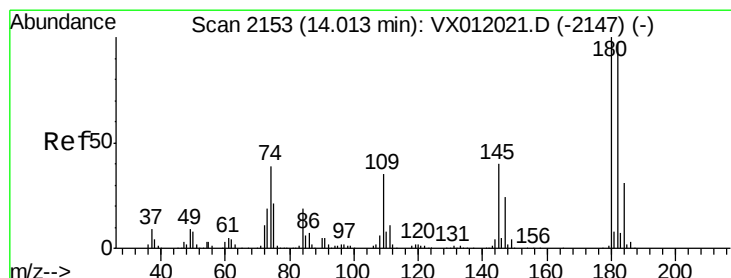
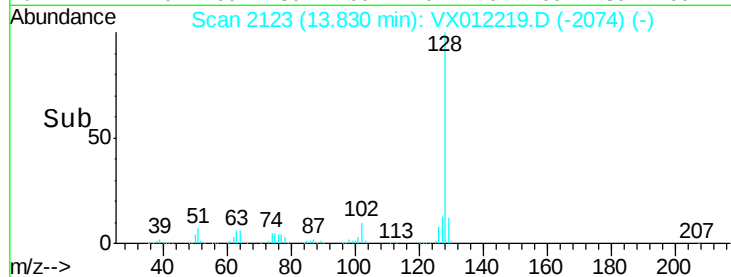
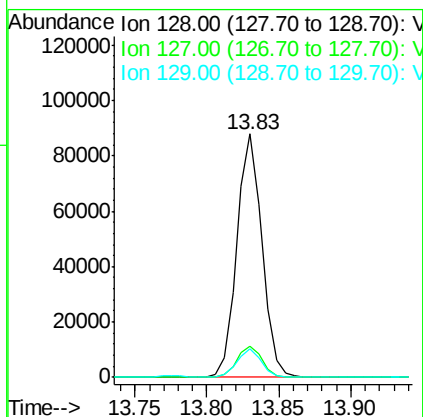
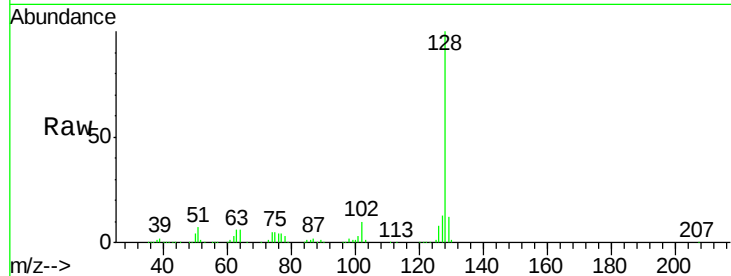
#95
Naphthalene
Concen: 23.670 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX012219.D
Acq: 08 Sep 2019 13:23

Instrument :
MSVOA_X
ClientSampleId :
VX0908SBS02

Tot Ion	Ratio	Resp	Lower	Upper
128	100	106807		
127	12.8		10.5	15.7
129	11.3		8.8	13.2

Manual Integrations
APPROVED

MMDadoda
9/9/2019 8:43:05 AM



#96
1,2,3-Trichlorobenzene
Concen: 23.128 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.01 min
Lab File: VX012219.D
Acq: 08 Sep 2019 13:23

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	42422		
182	93.7		47.9	143.6
145	36.0		14.1	42.4

