

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX091919\
 Data File : VX012542.D
 Acq On : 19 Sep 2019 20:37
 Operator : JC/SP
 Sample : K4883-07MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW2-R2-1MSD

Manual Integrations
 APPROVED

MMDadoda
 9/20/2019 10:46:16 AM

Quant Time: Sep 20 07:03:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 15:27:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	180739	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	312826	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	283295	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	132268	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	135697	52.39	ug/l	0.00
Spiked Amount			Recovery	=	104.78%	
35) Dibromofluoromethane	5.49	113	98576	52.06	ug/l	0.00
Spiked Amount			Recovery	=	104.12%	
50) Toluene-d8	8.71	98	362696	51.75	ug/l	0.00
Spiked Amount			Recovery	=	103.50%	
62) 4-Bromofluorobenzene	11.14	95	147779	50.78	ug/l	0.00
Spiked Amount			Recovery	=	101.56%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	56582	46.947	ug/l	100
3) Chloromethane	1.32	50	53044	53.383	ug/l	99
4) Vinyl Chloride	1.40	62	56764	52.855	ug/l	97
5) Bromomethane	1.63	94	21572	51.127	ug/l	97
6) Chloroethane	1.71	64	41970	49.940	ug/l	97
7) Trichlorofluoromethane	1.92	101	105451	53.563	ug/l	97
8) Diethyl Ether	2.18	74	45874	51.589	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	70501	49.494	ug/l	98
10) Methyl Iodide	2.50	142	62991	51.396	ug/l	98
11) Tert butyl alcohol	3.03	59	157661	239.770	ug/l	100
12) 1,1-Dichloroethene	2.36	96	61318	53.962	ug/l	97
13) Acrolein	2.28	56	60324	265.313	ug/l	99
14) Allyl chloride	2.72	41	141998	53.675	ug/l	99
15) Acrylonitrile	3.13	53	300039	267.296	ug/l	100
16) Acetone	2.44	43	287710	242.855	ug/l	99
17) Carbon Disulfide	2.56	76	75166	46.890	ug/l	97
18) Methyl Acetate	2.76	43	134271	49.744	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	331754	53.547	ug/l	99
20) Methylene Chloride	2.84	84	81146	51.762	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	63588	53.889	ug/l	98
22) Diisopropyl ether	3.84	45	334425	53.989	ug/l	97
23) Vinyl Acetate	3.80	43	1326080	260.249	ug/l	100
24) 1,1-Dichloroethane	3.69	63	163644	55.216	ug/l	97
25) 2-Butanone	4.66	43	448683	249.708	ug/l	97
26) 2,2-Dichloropropane	4.58	77	120880	41.472	ug/l	97
27) cis-1,2-Dichloroethene	4.58	96	96931	54.990	ug/l	94
28) Bromochloromethane	5.00	49	77861	50.959	ug/l	96
29) Tetrahydrofuran	5.12	42	269327	271.324	ug/l	99
30) Chloroform	5.20	83	175038	51.426	ug/l	99
31) Cyclohexane	5.57	56	93808	52.434	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	153071	53.807	ug/l	99
36) 1,1-Dichloropropene	5.79	75	97734	51.406	ug/l	98
37) Ethyl Acetate	4.82	43	152765	52.346	ug/l	99
38) Carbon Tetrachloride	5.78	117	120071	50.779	ug/l	96

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	91799	49.669	ug/l	96
40) Benzene	6.14	78	318250	52.640	ug/l	99
41) Methacrylonitrile	5.03	41	99228	52.805	ug/l	97
42) 1,2-Dichloroethane	6.18	62	142310	50.751	ug/l	99
43) Isopropyl Acetate	6.43	43	268175	51.199	ug/l	99
44) Trichloroethene	7.21	130	84495	53.130	ug/l	92
45) 1,2-Dichloropropane	7.51	63	96784	52.107	ug/l	97
46) Dibromomethane	7.65	93	62422	51.933	ug/l	99
47) Bromodichloromethane	7.89	83	141926	53.031	ug/l	99
48) Methyl methacrylate	7.76	41	131070	53.084	ug/l	99
49) 1,4-Dioxane	7.73	88	55031	915.757	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	899810	261.955	ug/l	99
52) Toluene	8.78	92	208117	53.422	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	146309	52.591	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	150917	52.399	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	105410	52.520	ug/l	99
56) Ethyl methacrylate	9.17	69	166291	52.993	ug/l	99
57) 1,3-Dichloropropane	9.37	76	169633	52.973	ug/l	100
59) 2-Hexanone	9.49	43	694311	259.086	ug/l	99
60) Dibromochloromethane	9.58	129	110481	54.041	ug/l	100
61) 1,2-Dibromoethane	9.67	107	99078	54.051	ug/l	99
64) Tetrachloroethene	9.33	164	74833	57.645	ug/l	91
65) Chlorobenzene	10.14	112	244070	52.199	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	102663	52.904	ug/l	98
67) Ethyl Benzene	10.25	91	423432	52.710	ug/l	97
68) m/p-Xylenes	10.35	106	307546	105.220	ug/l	99
69) o-Xylene	10.70	106	160804	53.495	ug/l	100
70) Stvrene	10.71	104	285951	53.766	ug/l	100
71) Bromoform	10.85	173	79055	47.469	ug/l #	97
73) Isopropylbenzene	11.01	105	443834	53.480	ug/l	100
74) N-amyl acetate	10.89	43	235692	52.750	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	174779	53.687	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	165967m	54.625	ug/l	
77) Bromobenzene	11.25	156	110596	54.643	ug/l	99
78) n-propylbenzene	11.35	91	488073	52.767	ug/l	99
79) 2-Chlorotoluene	11.42	91	313391	52.081	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	378041	53.413	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	51537	46.781	ug/l	97
82) 4-Chlorotoluene	11.51	91	364298	52.750	ug/l	99
83) tert-Butylbenzene	11.77	119	392332	51.731	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	384637	52.928	ug/l	100
85) sec-Butylbenzene	11.94	105	429838	51.434	ug/l	99
86) p-Isopropyltoluene	12.06	119	397405	51.786	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	199497	52.399	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	202436	51.762	ug/l	99
89) n-Butylbenzene	12.39	91	326082	47.624	ug/l	100
90) Hexachloroethane	12.59	117	73645	52.339	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	209372	52.615	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	46807	55.458	ug/l	98
93) 1,2,4-Trichlorobenzene	13.64	180	130490	50.910	ug/l	98

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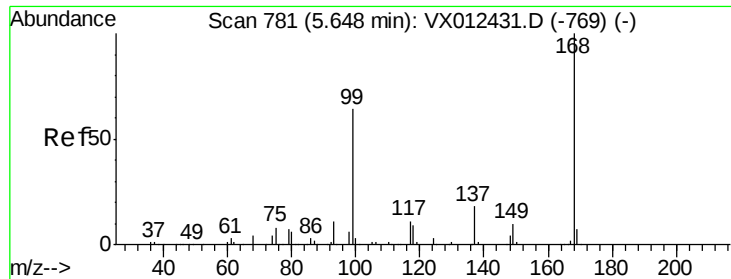
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	51043	42.252	ug/l	98
95) Naphthalene	13.83	128	497090	54.504	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	139920	53.570	ug/l	98

(#) = 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: VX012542.D

Acq: 19 Sep 2019 20:37

Instrument :

MSVOA_X

ClientSampleId :

MW2-R2-1MSD

Tot Ion:168 Resp: 180739

Ion Ratio Lower Upper

168 100

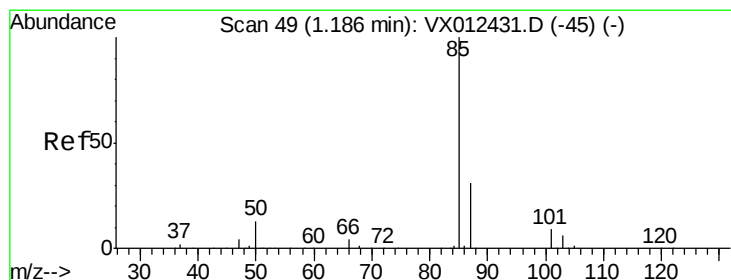
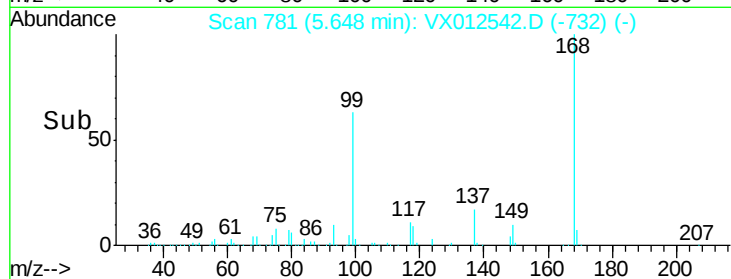
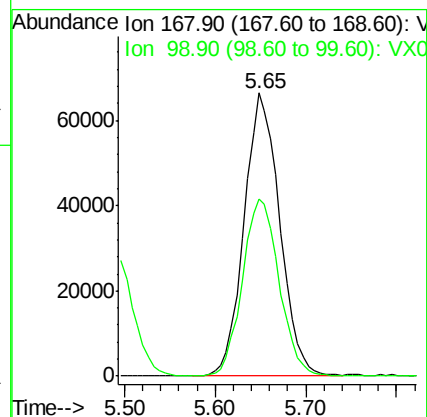
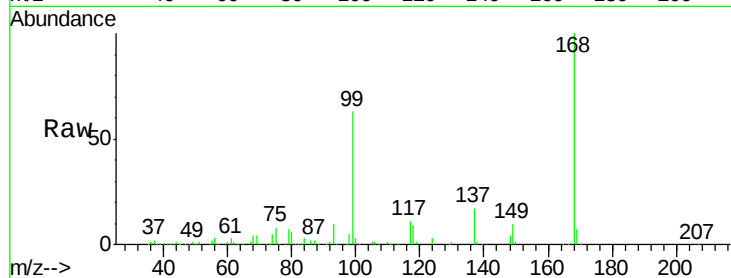
99 62.5 51.4 77.2

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 46.947 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX012542.D

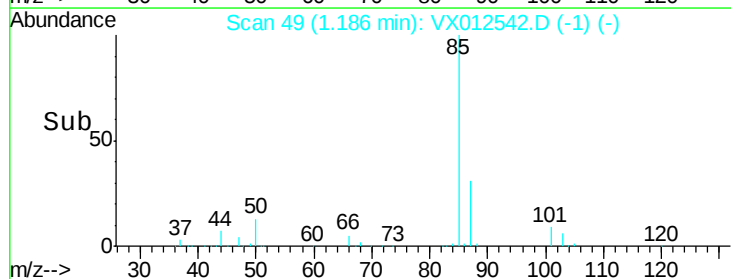
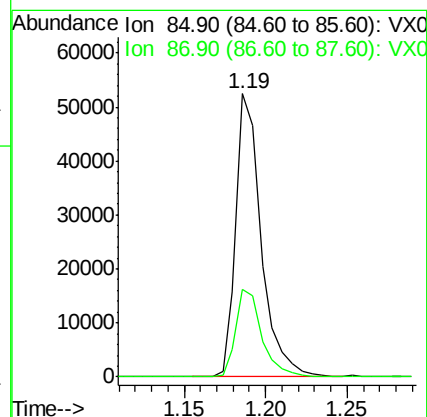
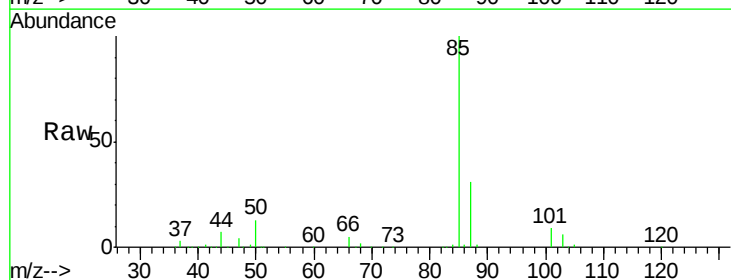
Acq: 19 Sep 2019 20:37

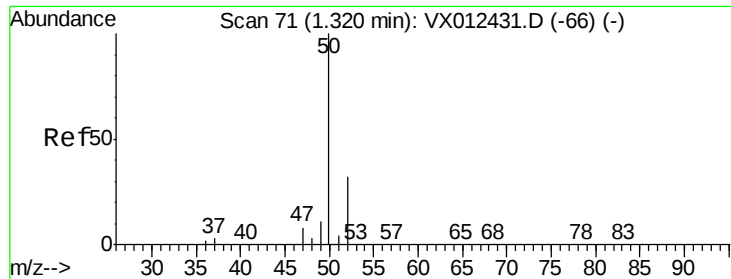
Tgt Ion: 85 Resp: 56582

Ion Ratio Lower Upper

85 100

87 31.1 15.6 46.8





#3

Chloromethane

Concen: 53.383 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX012542.D

Acq: 19 Sep 2019 20:37

Instrument :

MSVOA_X

ClientSampleId :

MW2-R2-1MSD

Tot Ion: 50 Resp: 53044

Ion Ratio Lower Upper

50 100

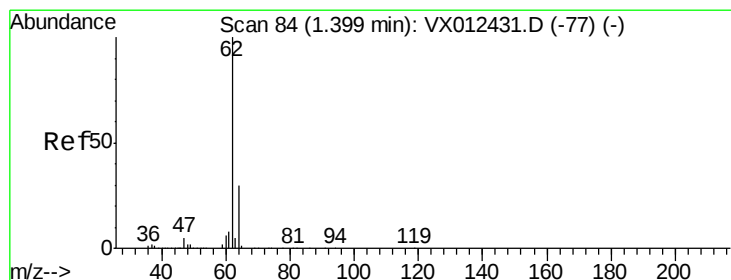
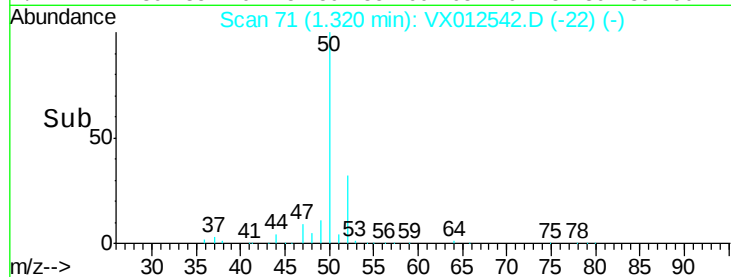
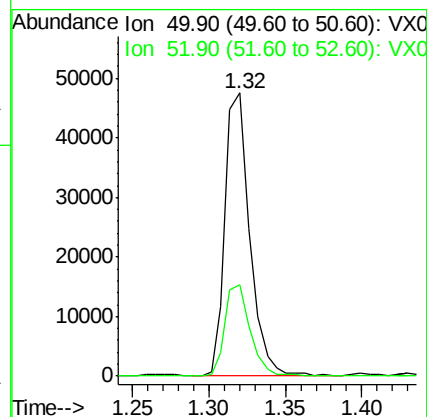
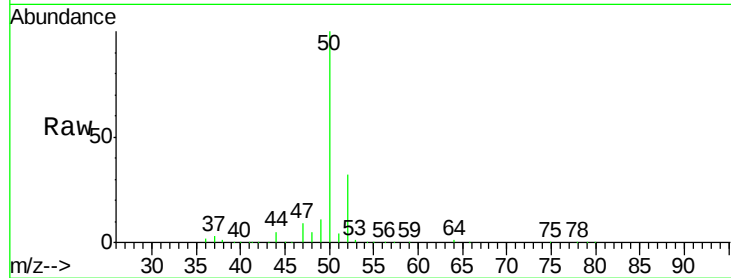
52 32.5 25.7 38.5

Manual Integrations

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#4

Vinyl Chloride

Concen: 52.855 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012542.D

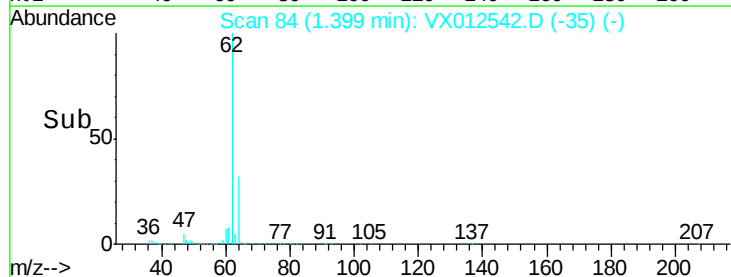
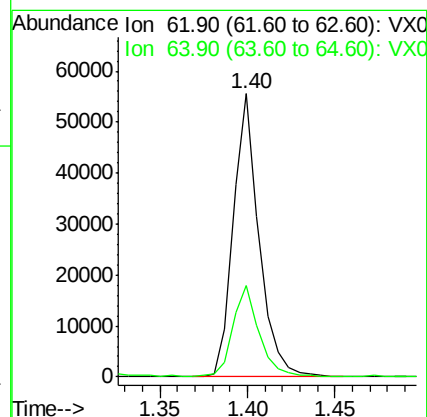
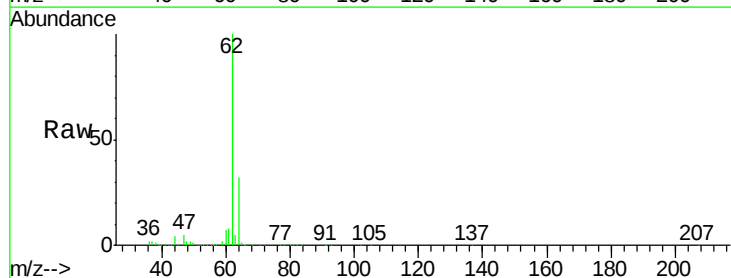
Acq: 19 Sep 2019 20:37

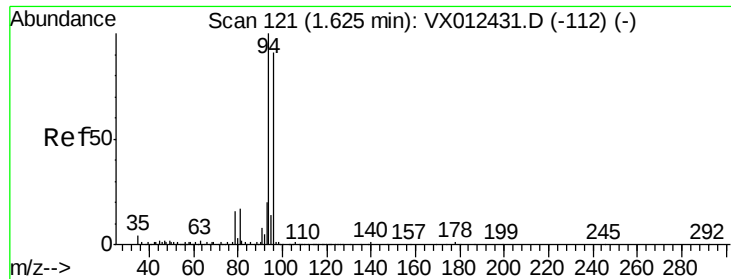
Tgt Ion: 62 Resp: 56764

Ion Ratio Lower Upper

62 100

64 32.0 24.2 36.2





#5

Bromomethane

Concen: 51.127 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX012542.D

Acq: 19 Sep 2019 20:37

Instrument :

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ClientSampleId :

MW2-R2-1MSD

Tot Ion: 94 Resp: 21572

Ion Ratio Lower Upper

94 100

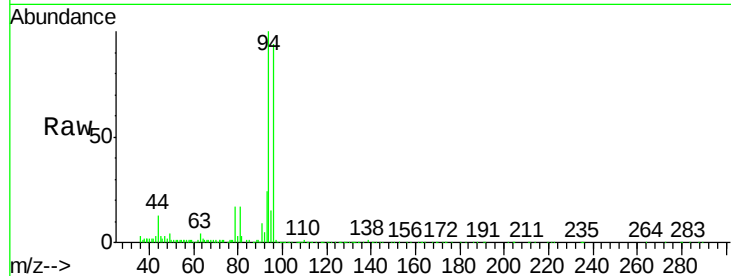
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Manual Integrations

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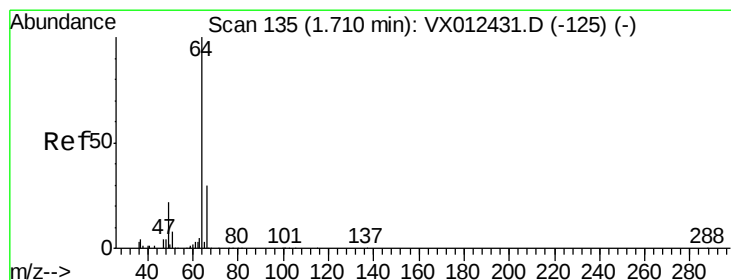
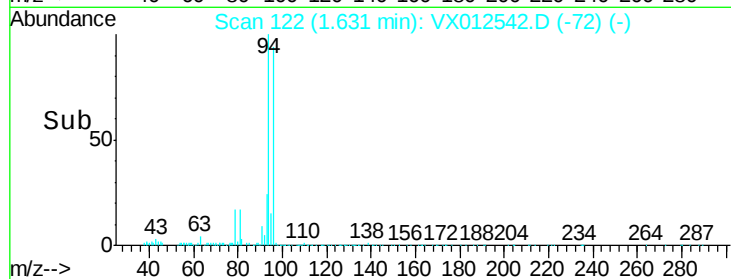
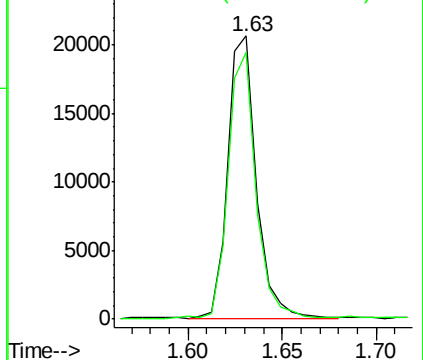
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 49.940 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX012542.D

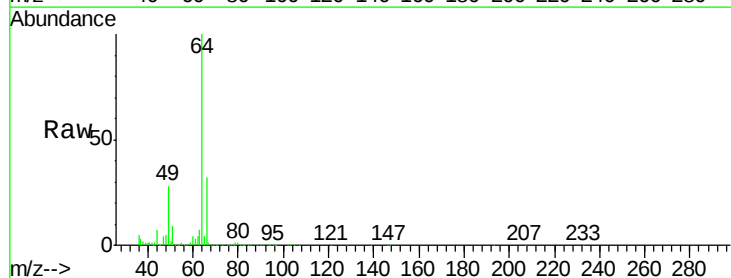
Acq: 19 Sep 2019 20:37

Tgt Ion: 64 Resp: 41970

Ion Ratio Lower Upper

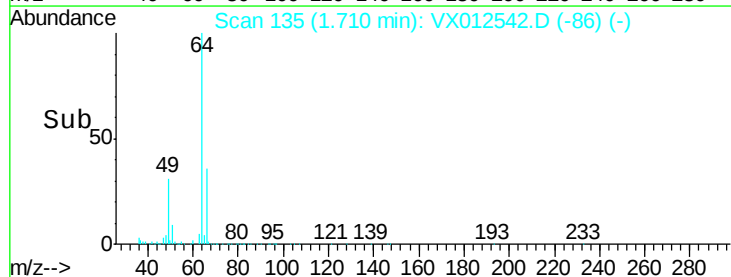
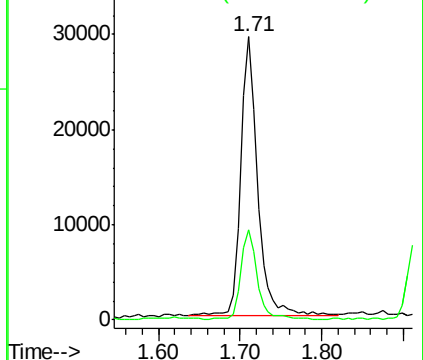
64 100

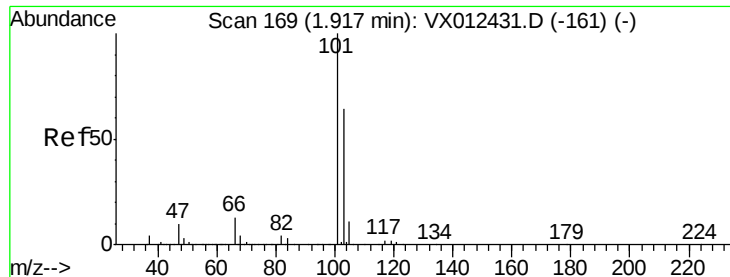
66 31.8 24.0 36.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

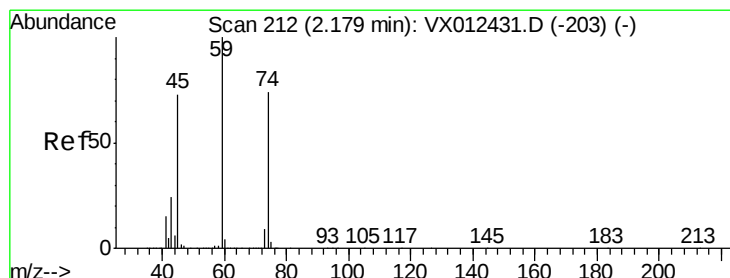
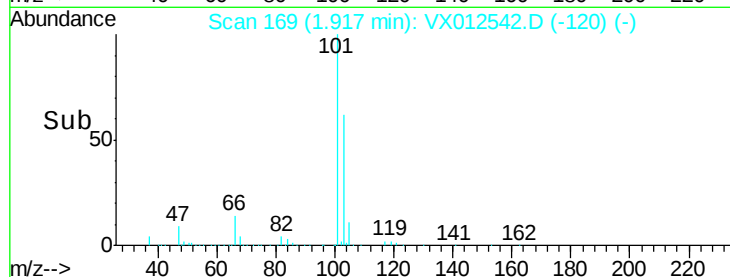
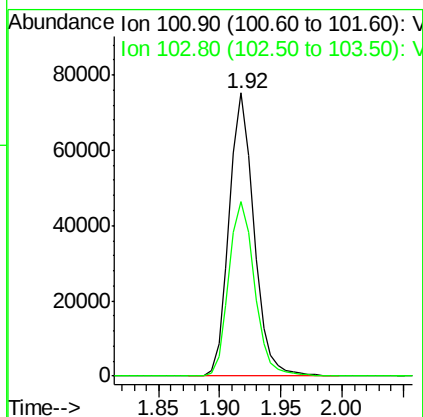
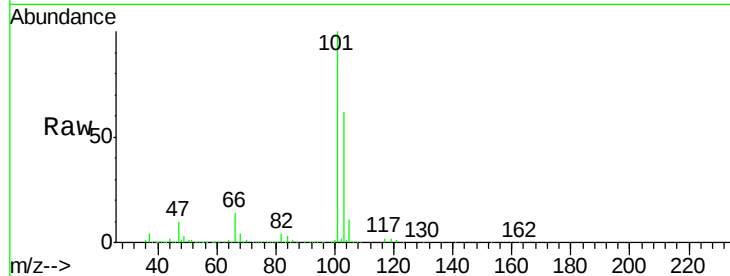
Trichlorofluoromethane
 Concen: 53.563 ug/l
 RT: 1.92 min Scan# 169
 Delta R.T. 0.00 min
 Lab File: VX012542.D
 Acq: 19 Sep 2019 20:37

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Tot Ion	Ratio	Lower	Upper
101	100		
103	61.7	51.0	76.4

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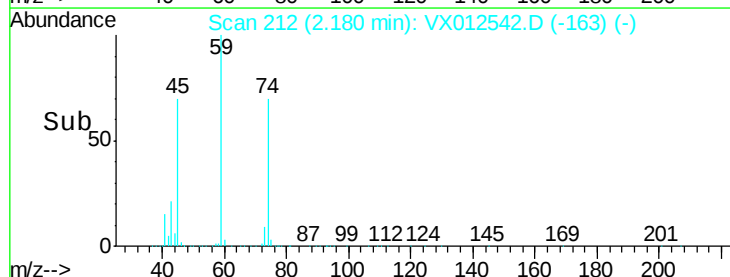
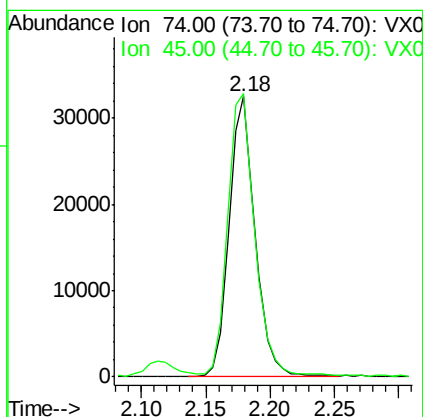
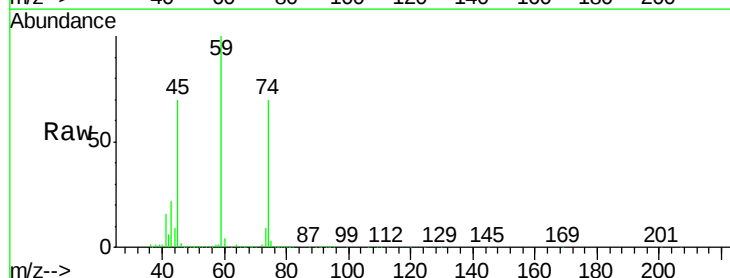
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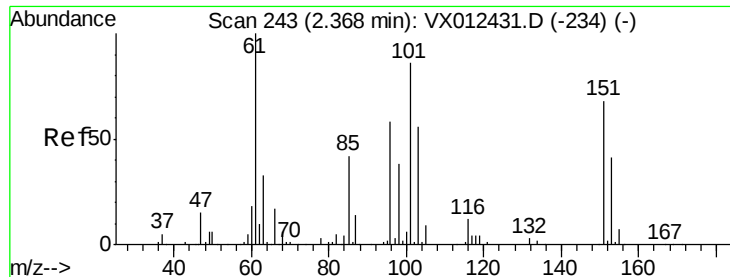


#8

Diethyl Ether
 Concen: 51.589 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX012542.D
 Acq: 19 Sep 2019 20:37

Tgt Ion	Ratio	Lower	Upper
74	100		
45	104.6	49.9	149.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.494 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX012542.D

Acq: 19 Sep 2019 20:37

Instrument :

MSVOA_X

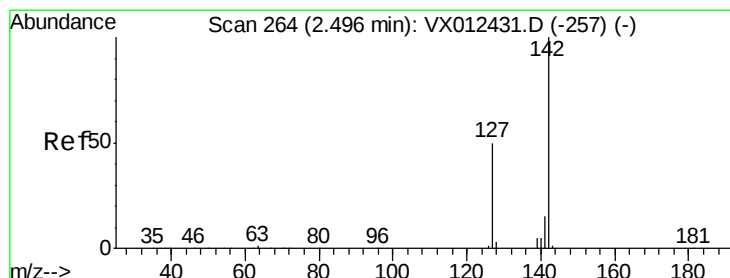
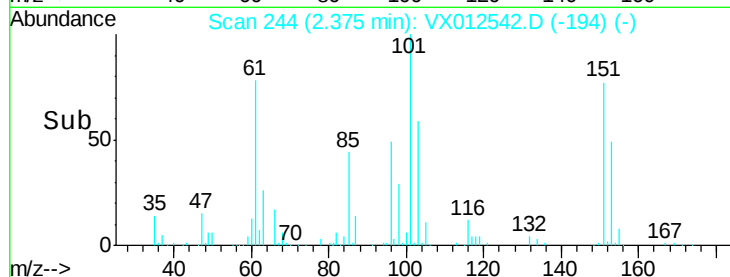
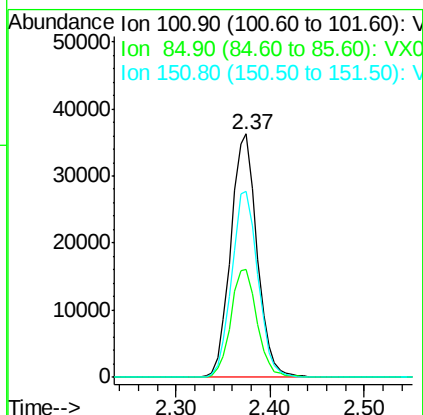
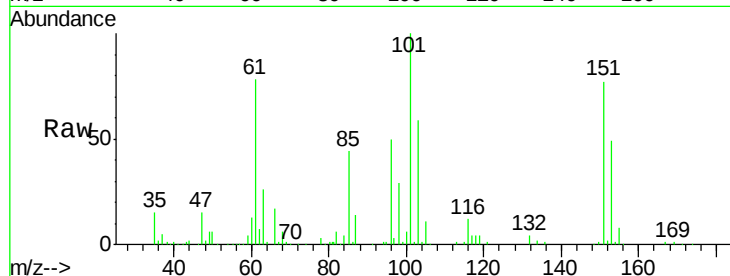
ClientSampleId :

MW2-R2-1MSD

Tot Ion:	101	Resp:	70501
Ion Ratio	Lower	Upper	
101	100		
85	44.3	37.3	55.9
151	76.7	61.0	91.4

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#10

Methyl Iodide

Concen: 51.396 ug/l

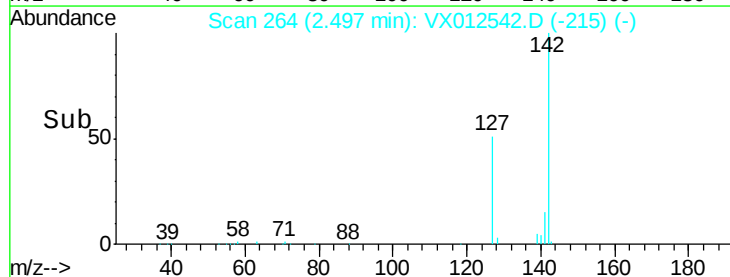
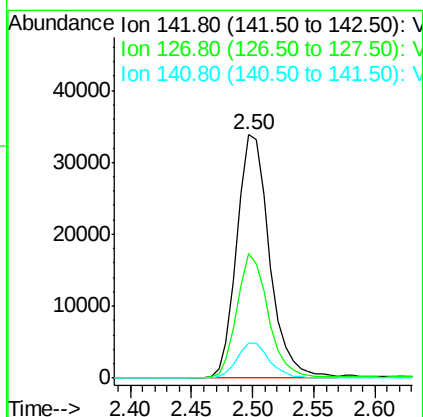
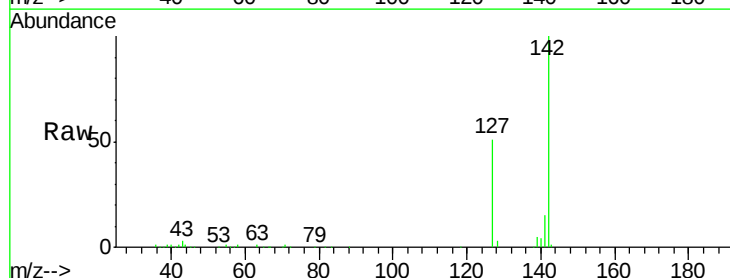
RT: 2.50 min Scan# 264

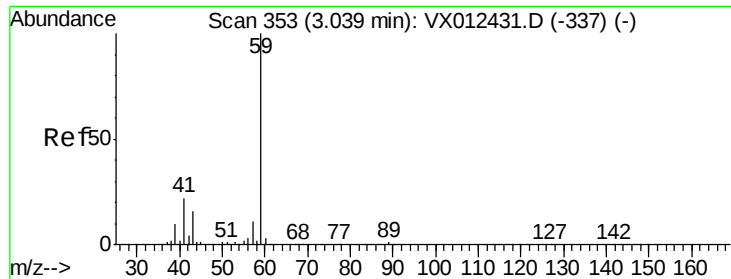
Delta R.T. 0.00 min

Lab File: VX012542.D

Acq: 19 Sep 2019 20:37

Tgt Ion:	142	Resp:	62991
Ion Ratio	Lower	Upper	
142	100		
127	49.4	40.8	61.2
141	14.7	12.1	18.1





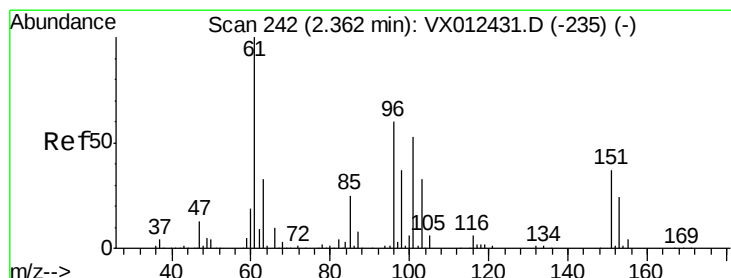
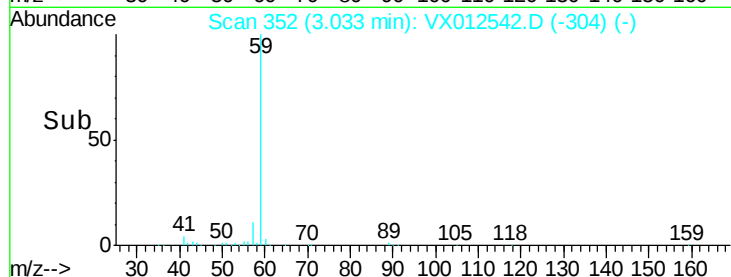
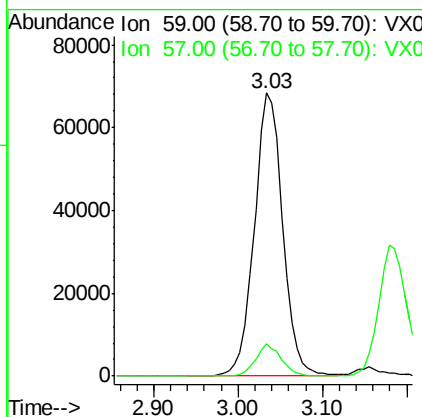
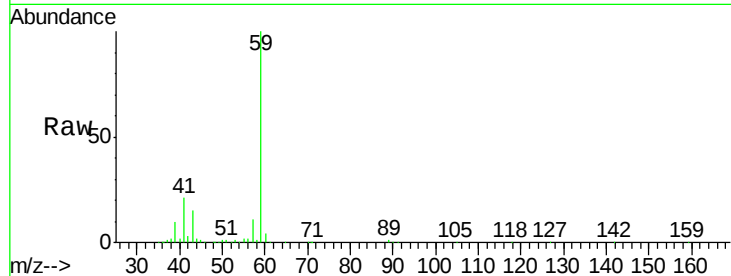
#11
Tert butyl alcohol
Concen: 239.770 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX012542.D
Acq: 19 Sep 2019 20:37

Instrument :
MSVOA_X
ClientSampleId :
MW2-R2-1MSD

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.3	12.5

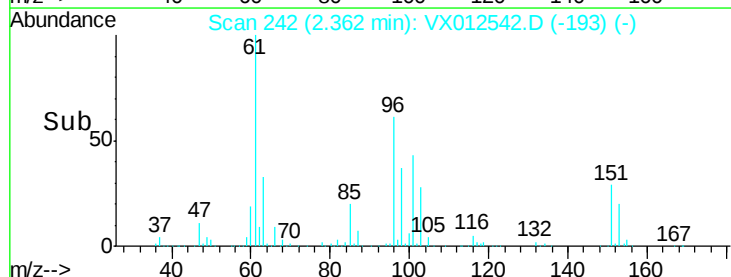
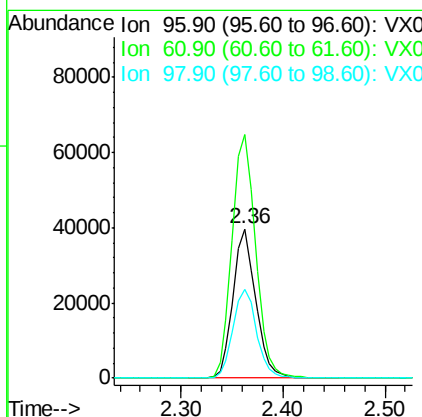
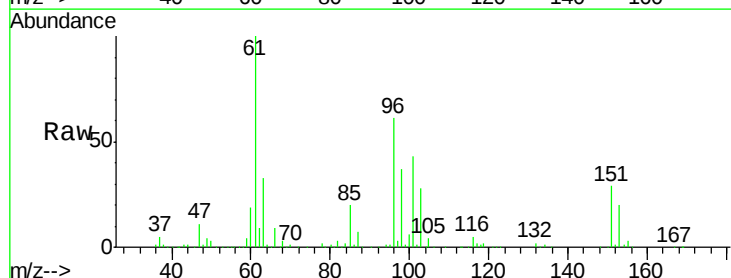
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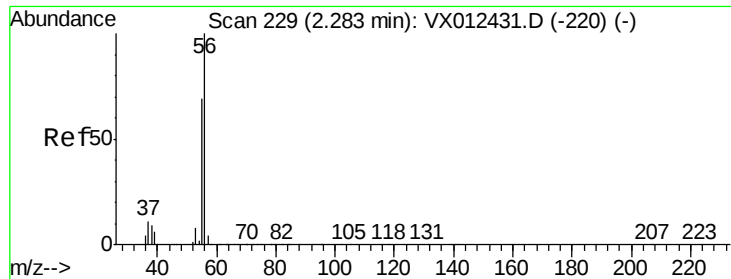
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#12
1,1-Dichloroethene
Concen: 53.962 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX012542.D
Acq: 19 Sep 2019 20:37

Tgt Ion	Ratio	Lower	Upper
96	100		
61	162.8	133.8	200.6
98	59.7	49.9	74.9





#13

Acrolein

Concen: 265.313 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX012542.D

Acq: 19 Sep 2019 20:37

Instrument :

MSVOA_X

ClientSampleId :

MW2-R2-1MSD

Tot Ion: 56 Resp: 60324

Ion Ratio Lower Upper

56 100

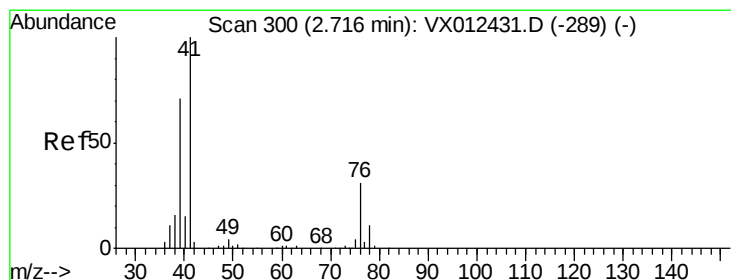
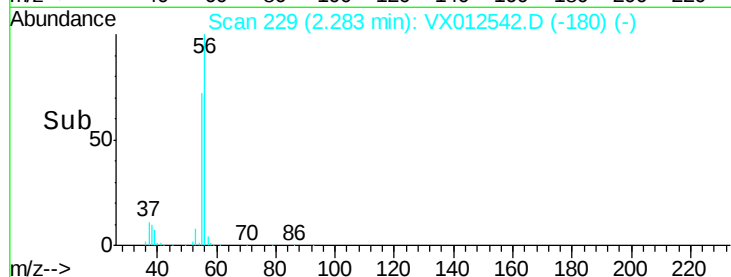
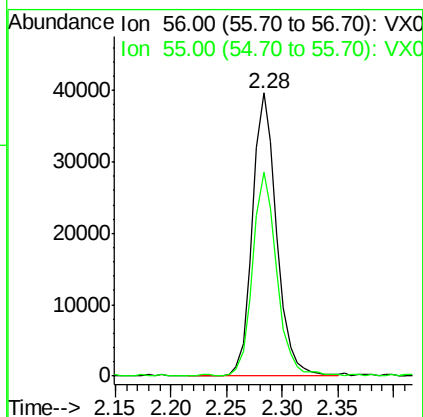
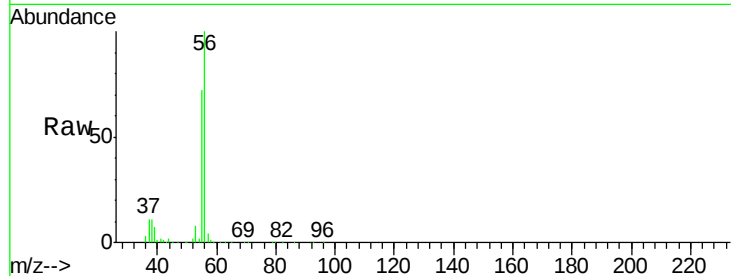
55 70.5 55.8 83.8

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#14

Allyl chloride

Concen: 53.675 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX012542.D

Acq: 19 Sep 2019 20:37

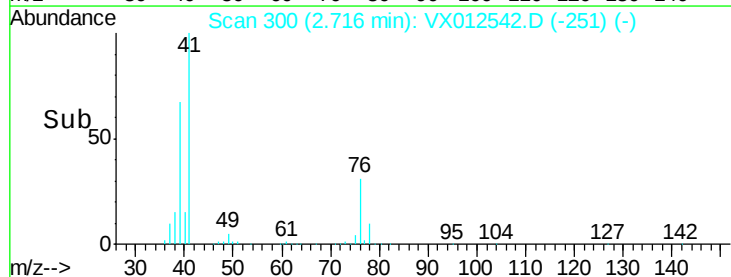
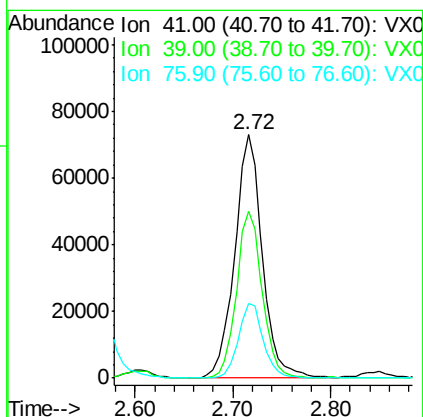
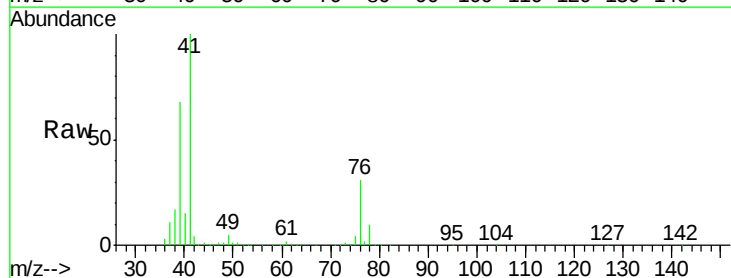
Tgt Ion: 41 Resp: 141998

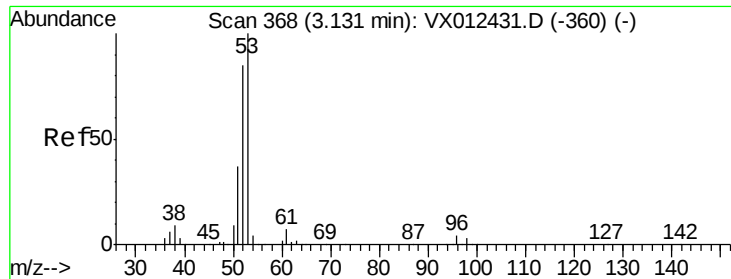
Ion Ratio Lower Upper

41 100

39 63.5 51.3 76.9

76 27.8 22.6 33.8





#15

Acrylonitrile

Concen: 267.296 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX012542.D

Acq: 19 Sep 2019 20:37

Instrument :

MSVOA_X

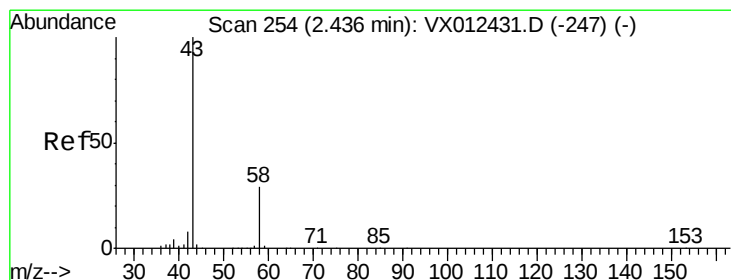
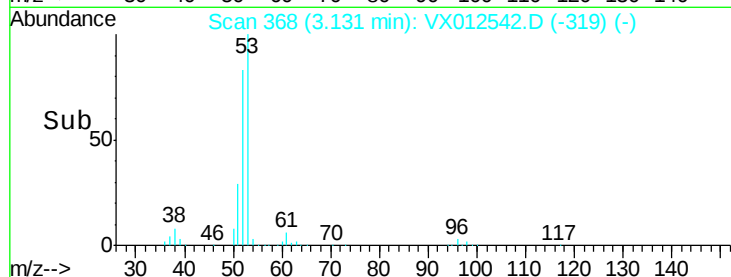
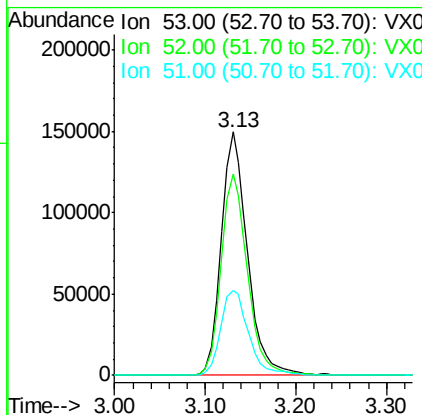
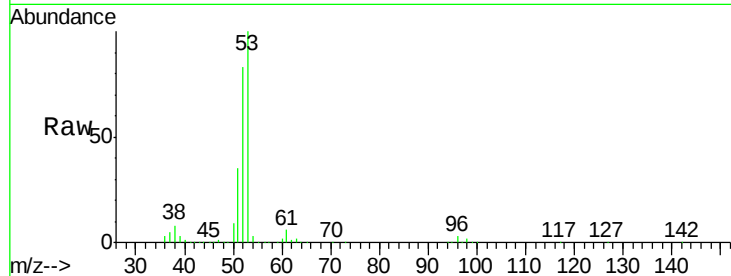
ClientSampleId :

MW2-R2-1MSD

Tot Ion:	53	Resp:	300039
Ion	Ratio	Lower	Upper
53	100		
52	83.8	67.0	100.4
51	37.4	29.6	44.4

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#16

Acetone

Concen: 242.855 ug/l

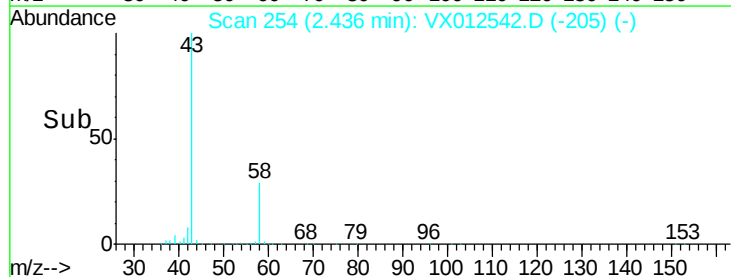
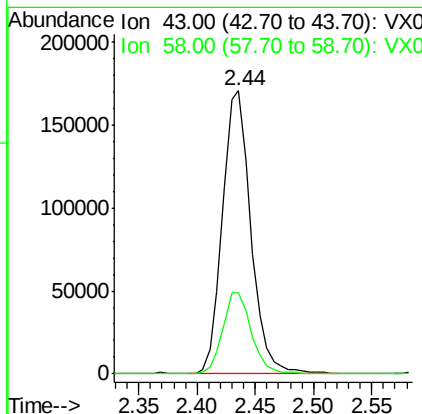
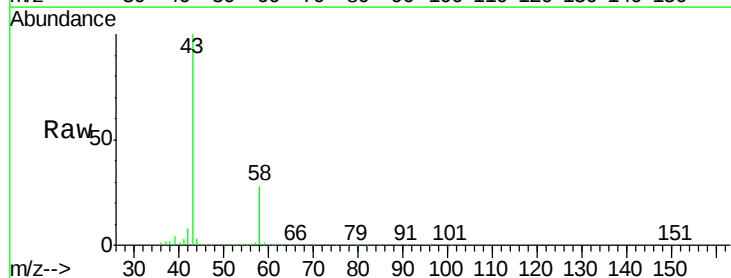
RT: 2.44 min Scan# 254

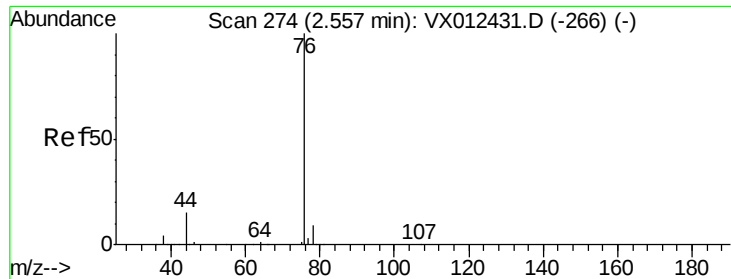
Delta R.T. 0.00 min

Lab File: VX012542.D

Acq: 19 Sep 2019 20:37

Tgt Ion:	43	Resp:	287710
Ion	Ratio	Lower	Upper
43	100		
58	28.5	23.3	34.9





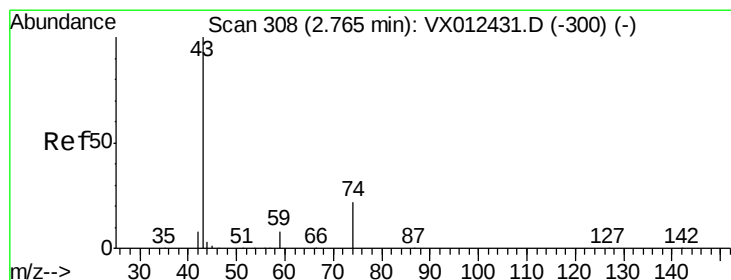
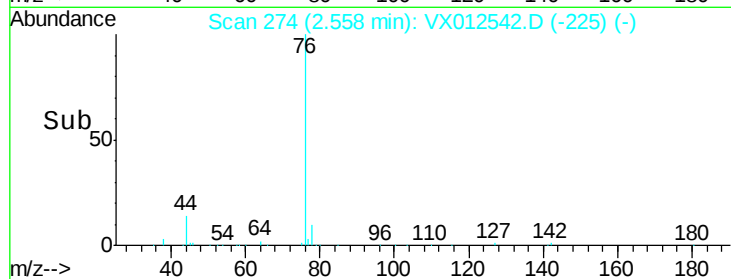
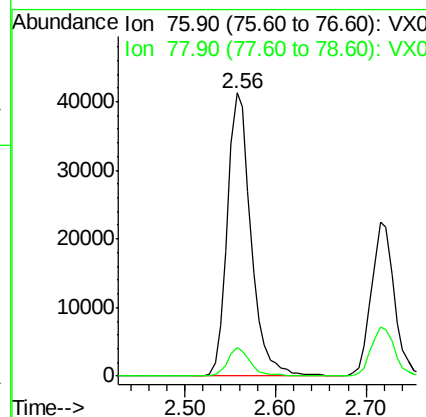
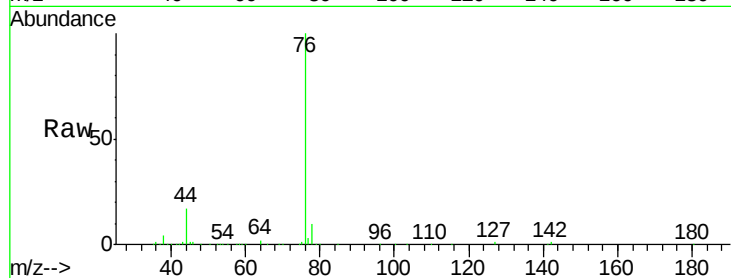
#17
Carbon Disulfide
Concen: 46.890 ug/l
RT: 2.56 min Scan# 274
Delta R.T. 0.00 min
Lab File: VX012542.D
Acq: 19 Sep 2019 20:37

Instrument :
MSVOA_X
ClientSampleId :
MW2-R2-1MSD

Tot Ion	76	Resp	75166
Ion	Ratio	Lower	Upper
76	100		
78	10.2	7.3	10.9

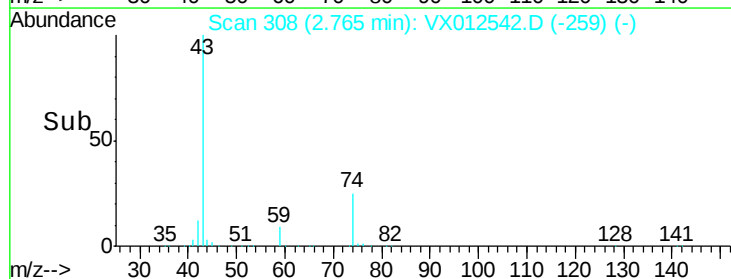
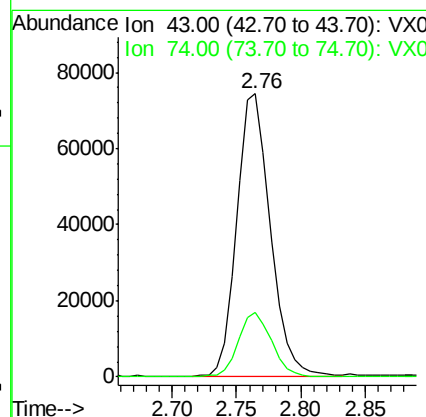
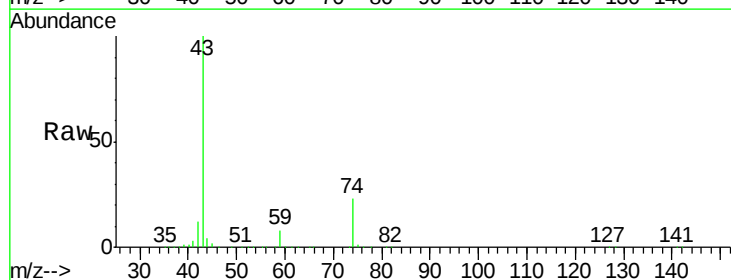
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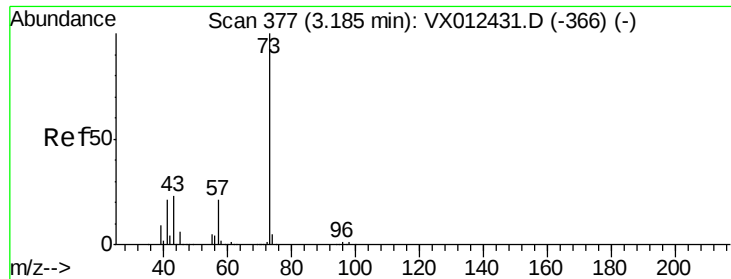
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#18
Methyl Acetate
Concen: 49.744 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.00 min
Lab File: VX012542.D
Acq: 19 Sep 2019 20:37

Tgt Ion	43	Resp	134271
Ion	Ratio	Lower	Upper
43	100		
74	23.1	17.7	26.5





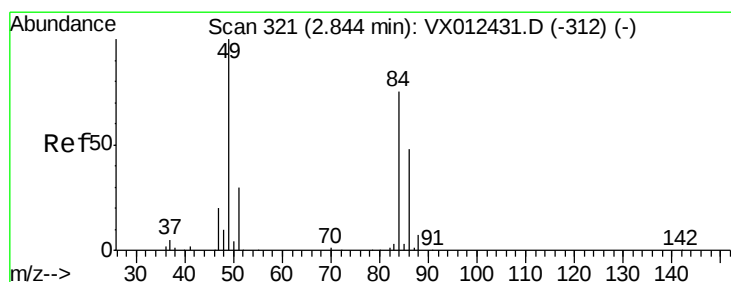
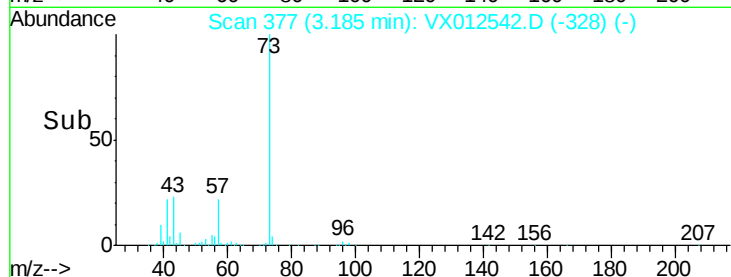
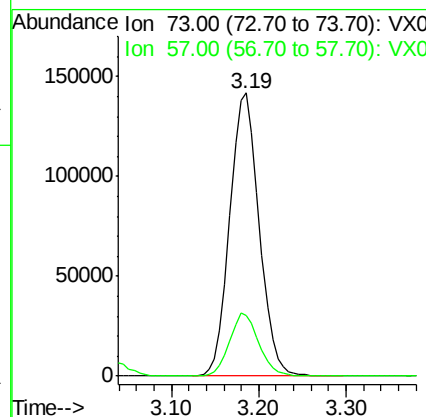
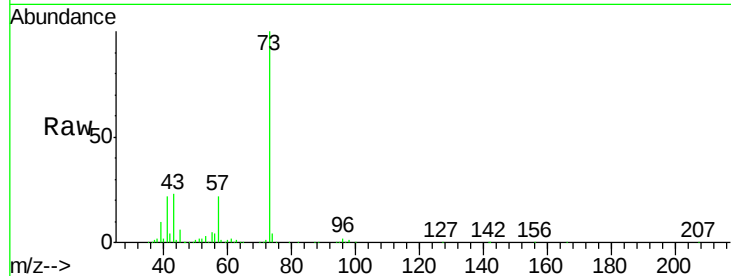
#19
Methvl tert-butvl Ether
Concen: 53.547 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX012542.D
Acq: 19 Sep 2019 20:37

Instrument :
MSVOA_X
ClientSampleId :
MW2-R2-1MSD

Tot Ion: 73 Resp: 331754
Ion Ratio Lower Upper
73 100
57 21.6 16.8 25.2

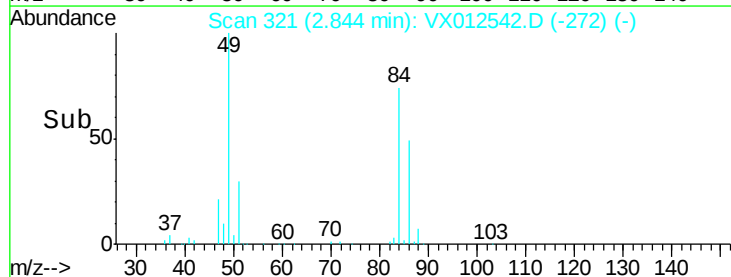
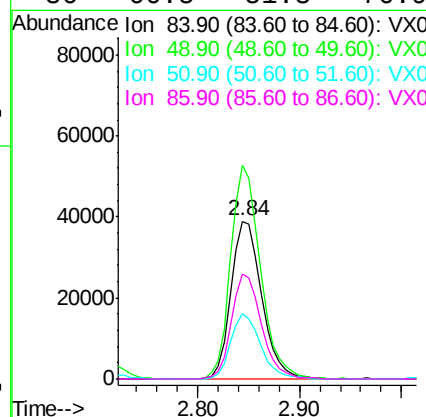
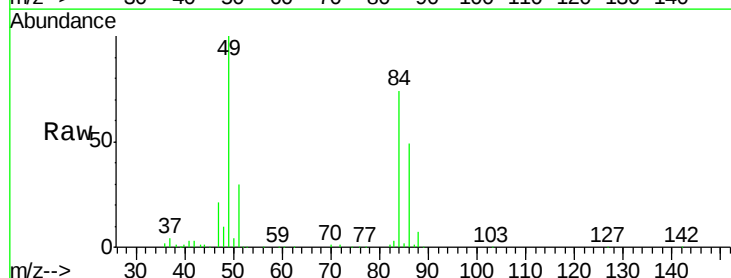
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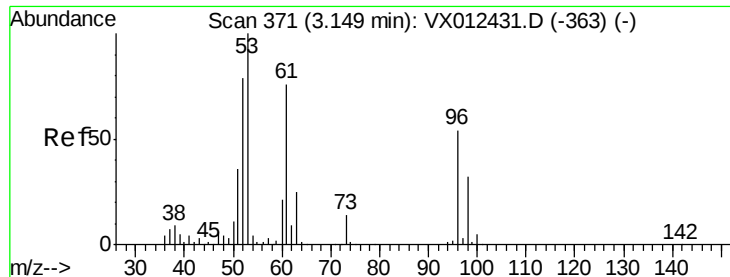
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#20
Methylene Chloride
Concen: 51.762 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX012542.D
Acq: 19 Sep 2019 20:37

Tgt Ion: 84 Resp: 81146
Ion Ratio Lower Upper
84 100
49 135.3 106.8 160.2
51 41.3 32.3 48.5
86 66.5 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 53.889 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.01 min

Lab File: VX012542.D

Acq: 19 Sep 2019 20:37

Instrument :

MSVOA_X

ClientSampleId :

MW2-R2-1MSD

Tot Ion: 96 Resp: 63588

Ion Ratio Lower Upper

96 100

61 142.8 112.0 168.0

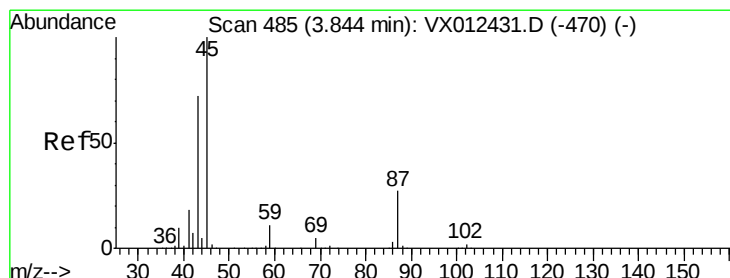
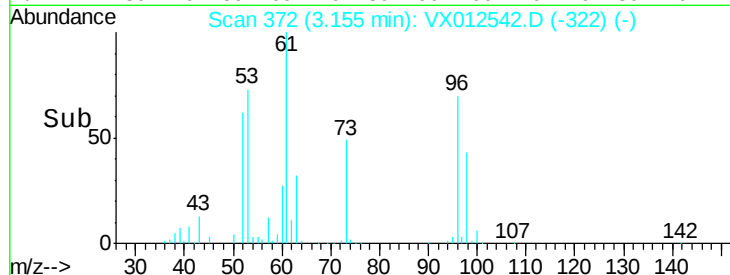
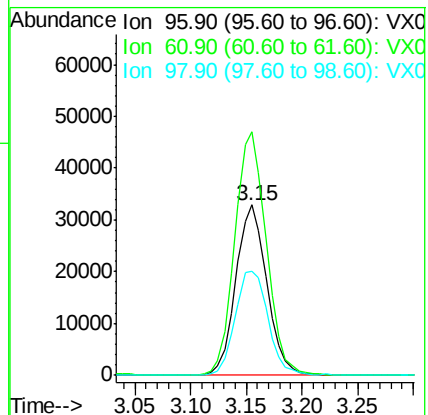
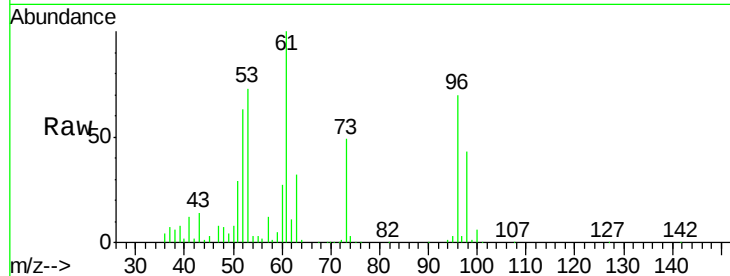
98 61.2 47.8 71.8

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#22

Diisopropyl ether

Concen: 53.989 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX012542.D

Acq: 19 Sep 2019 20:37

Tgt Ion: 45 Resp: 334425

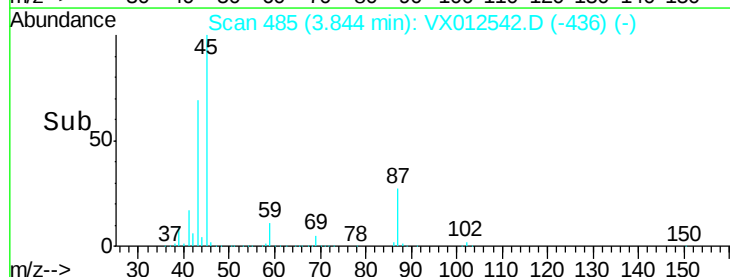
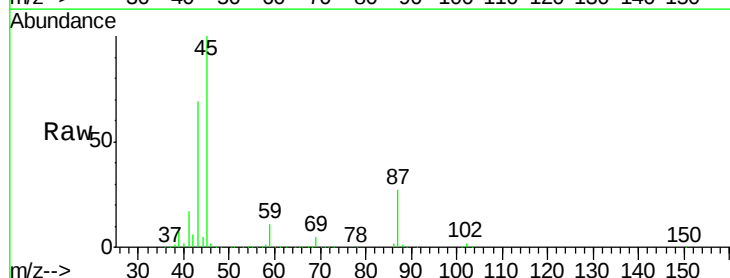
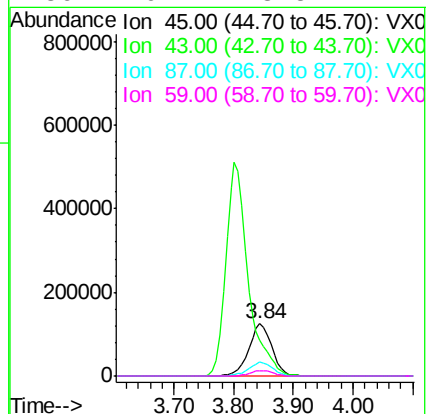
Ion Ratio Lower Upper

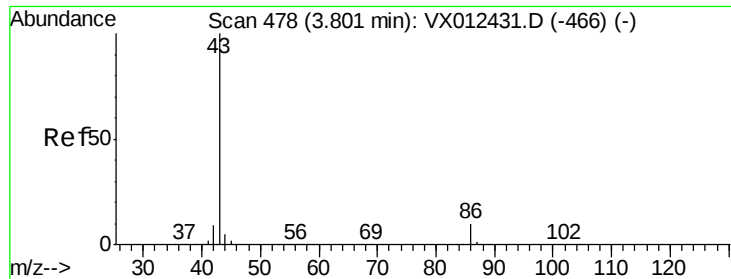
45 100

43 69.0 57.8 86.8

87 27.0 21.3 31.9

59 10.7 8.5 12.7





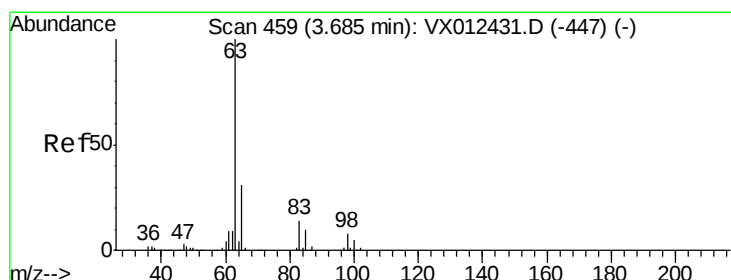
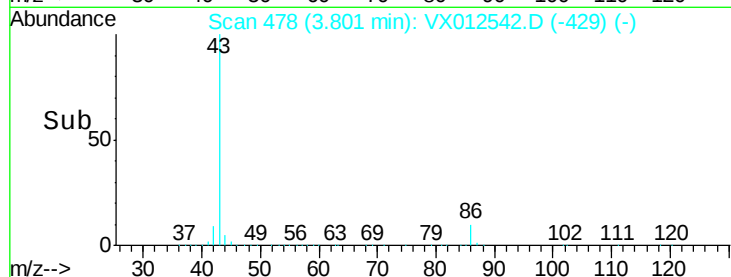
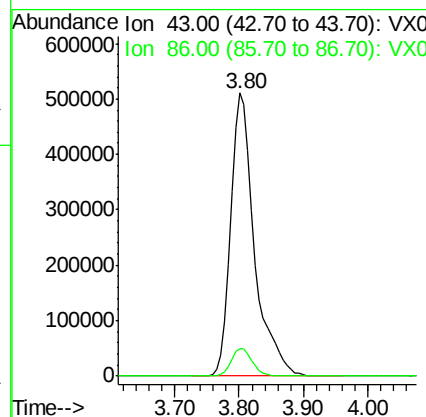
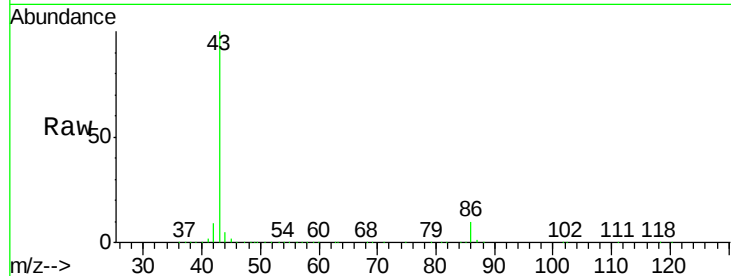
#23
 Vinyl Acetate
 Concen: 260.249 ug/l
 RT: 3.80 min Scan# 478
 Delta R.T. 0.00 min
 Lab File: VX012542.D
 Acq: 19 Sep 2019 20:37

Instrument :
 MSVOA_X
 ClientSampleId :
 MW2-R2-1MSD

Tot Ion: 43 Resp: 1326080
 Ion Ratio Lower Upper
 43 100
 86 9.9 7.8 11.8

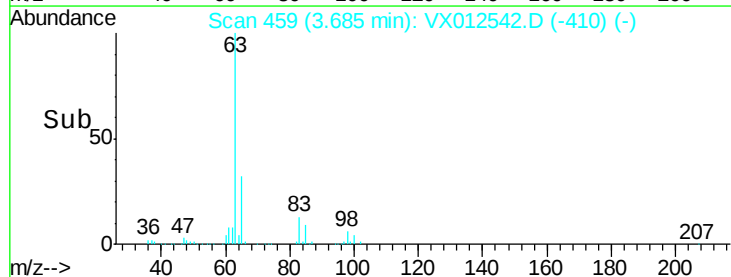
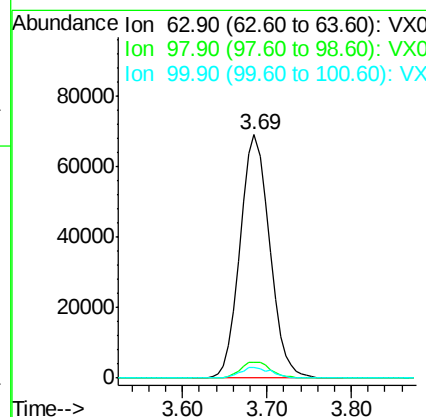
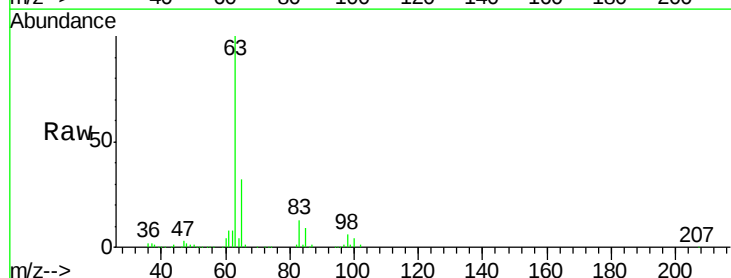
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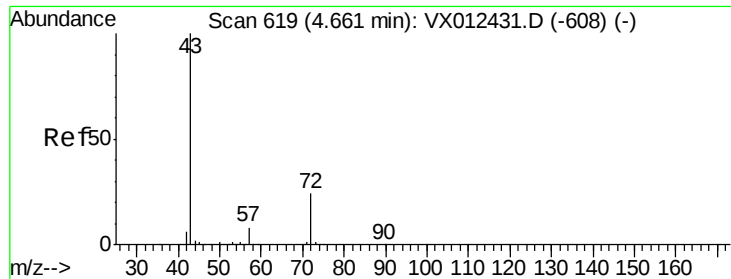
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#24
 1,1-Dichloroethane
 Concen: 55.216 ug/l
 RT: 3.69 min Scan# 459
 Delta R.T. 0.00 min
 Lab File: VX012542.D
 Acq: 19 Sep 2019 20:37

Tgt Ion: 63 Resp: 163644
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.9 11.7
 100 4.4 2.3 6.9





#25

2-Butanone

Concen: 249.708 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX012542.D

Acq: 19 Sep 2019 20:37

Instrument :

MSVOA_X

ClientSampleId :

MW2-R2-1MSD

Tot Ion: 43 Resp: 448683

Ion Ratio Lower Upper

43 100

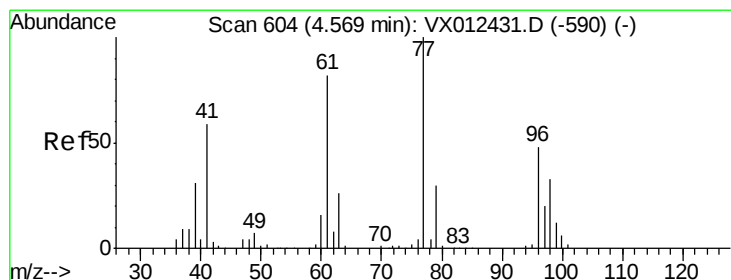
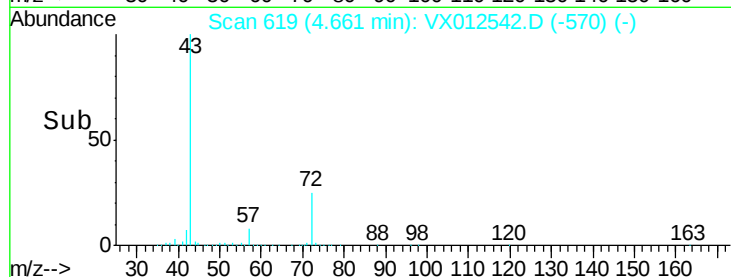
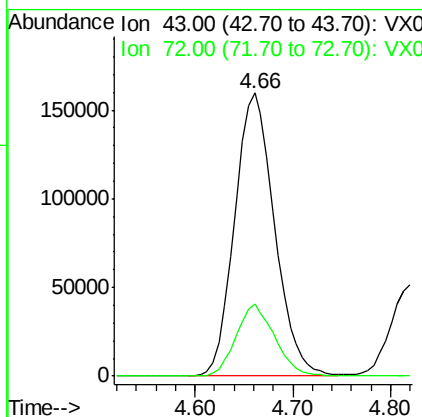
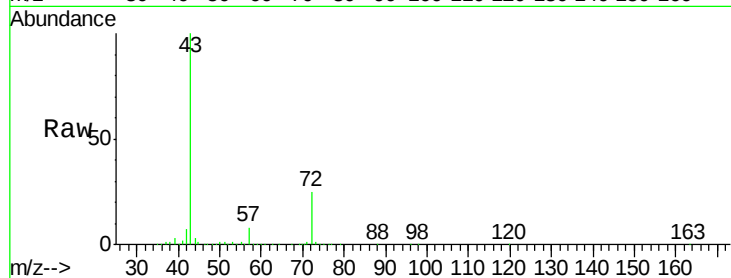
72 25.4 19.2 28.8

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#26

2,2-Dichloropropane

Concen: 41.472 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.01 min

Lab File: VX012542.D

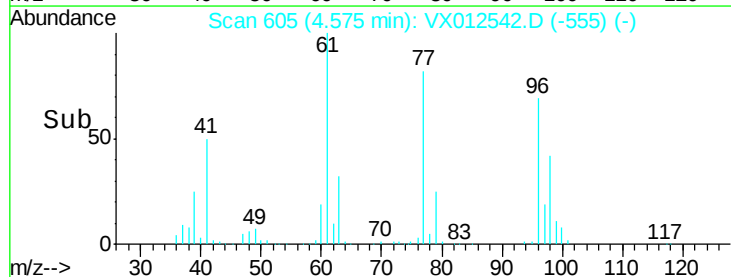
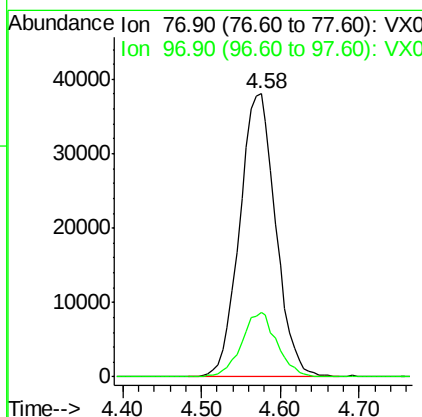
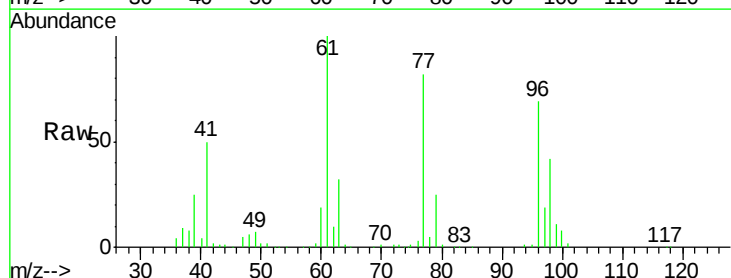
Acq: 19 Sep 2019 20:37

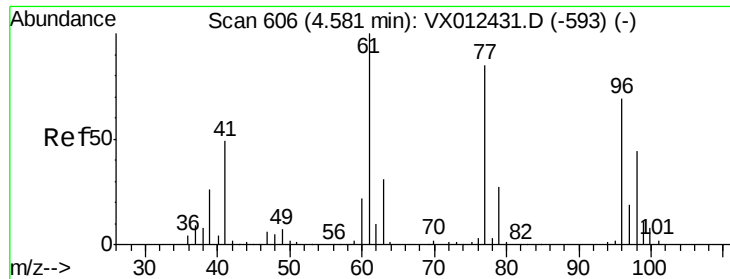
Tgt Ion: 77 Resp: 120880

Ion Ratio Lower Upper

77 100

97 22.4 10.5 31.6





#27

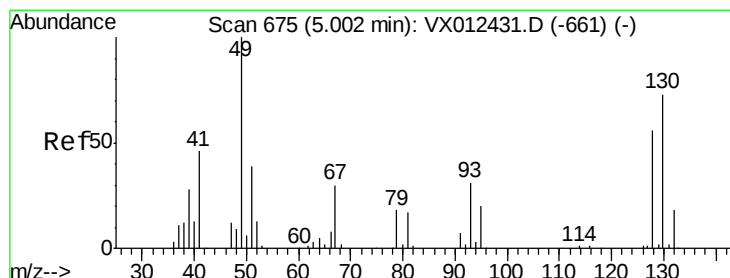
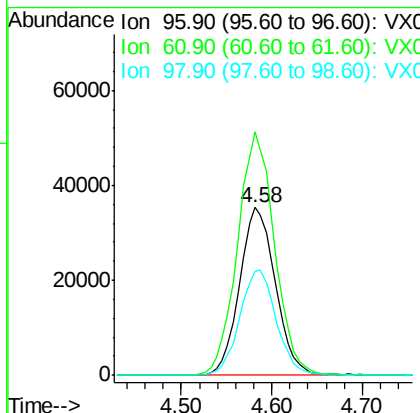
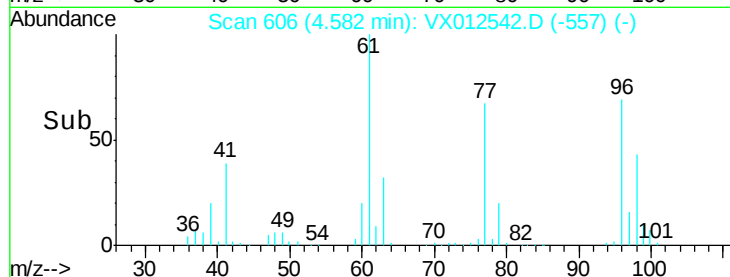
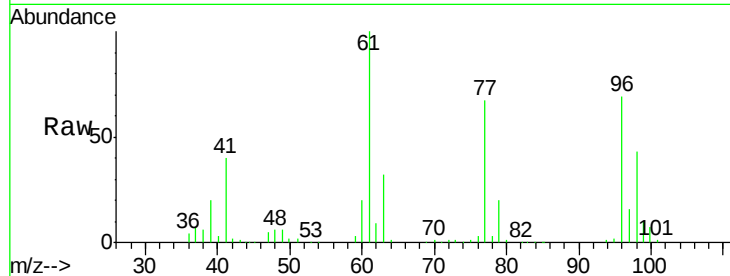
cis-1,2-Dichloroethene
Concen: 54.990 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX012542.D
Acq: 19 Sep 2019 20:37

Instrument :
MSVOA_X
ClientSampleId :
MW2-R2-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	149.8	0.0	319.4	
98	64.0	0.0	130.6	

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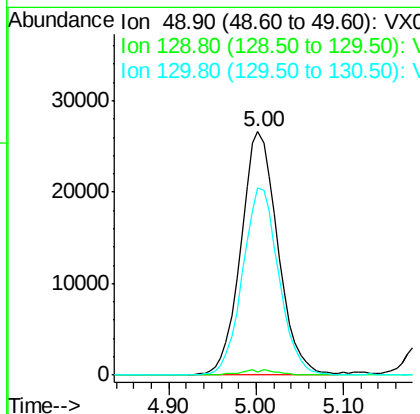
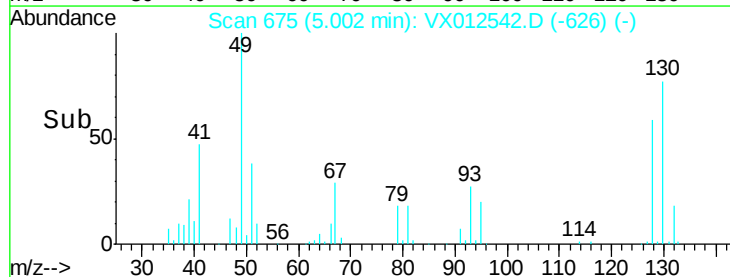
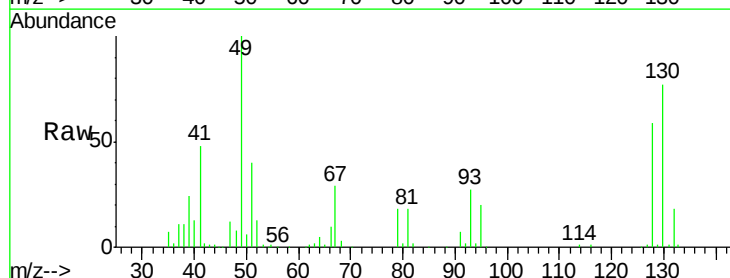
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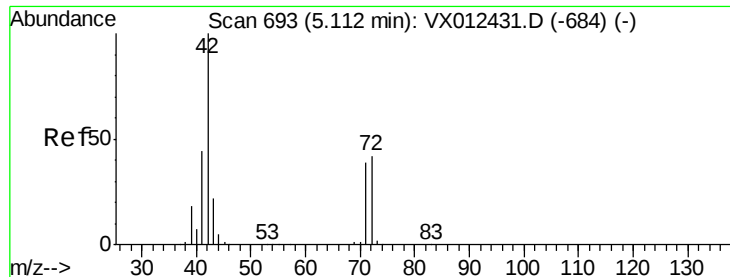


#28

Bromochloromethane
Concen: 50.959 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX012542.D
Acq: 19 Sep 2019 20:37

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.1	0.0	3.8	
130	75.8	58.2	87.4	





#29

Tetrahydrofuran

Concen: 271.324 ug/l

RT: 5.12 min Scan# 694

Delta R.T. 0.01 min

Lab File: VX012542.D

Acq: 19 Sep 2019 20:37

Instrument :

MSVOA_X

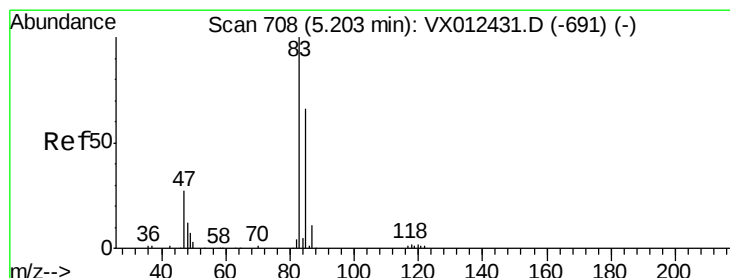
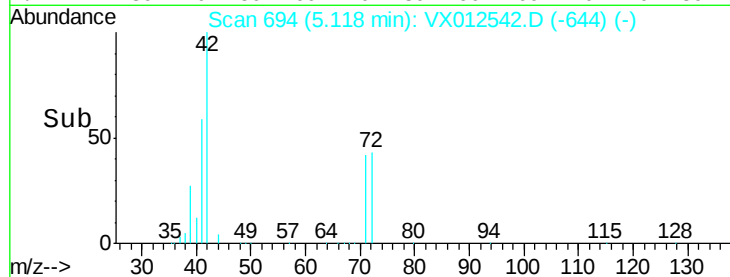
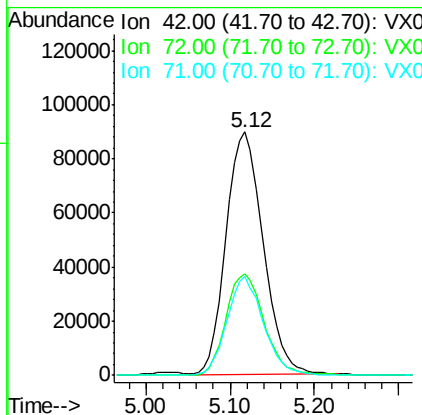
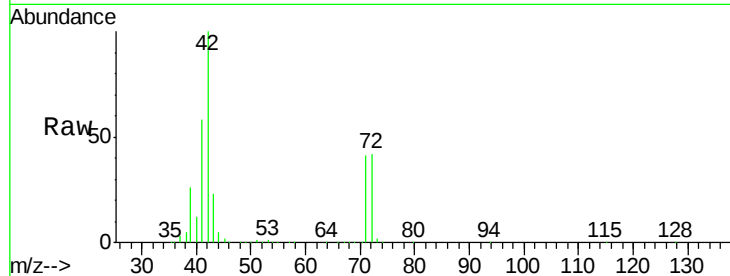
ClientSampleId :

MW2-R2-1MSD

Tot Ion:	42	Resp:	269327
Ion Ratio		Lower	Upper
42	100		
72	43.0	34.0	51.0
71	40.0	31.5	47.3

Manual Integrations
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#30

Chloroform

Concen: 51.426 ug/l

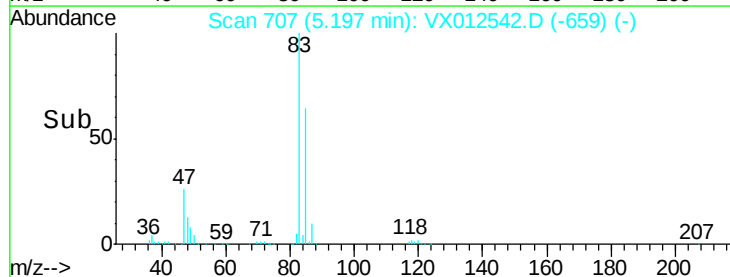
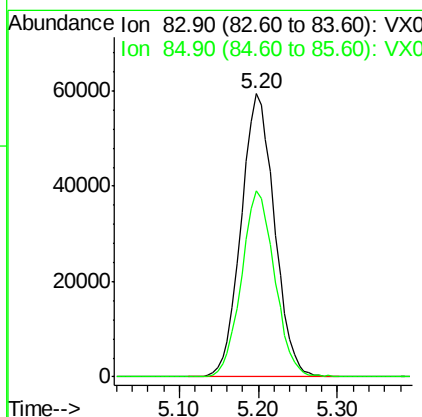
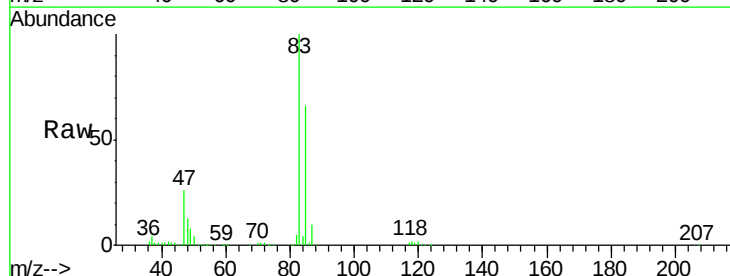
RT: 5.20 min Scan# 707

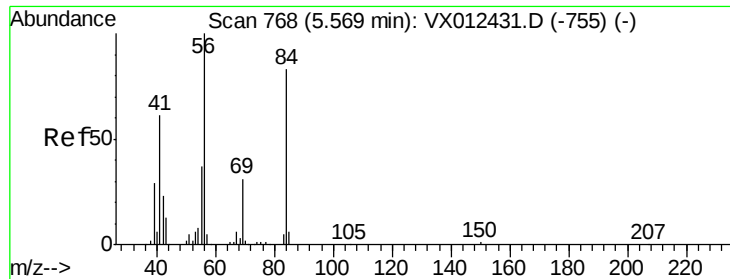
Delta R.T. -0.01 min

Lab File: VX012542.D

Acq: 19 Sep 2019 20:37

Tgt Ion:	83	Resp:	175038
Ion Ratio		Lower	Upper
83	100		
85	65.6	53.0	79.4





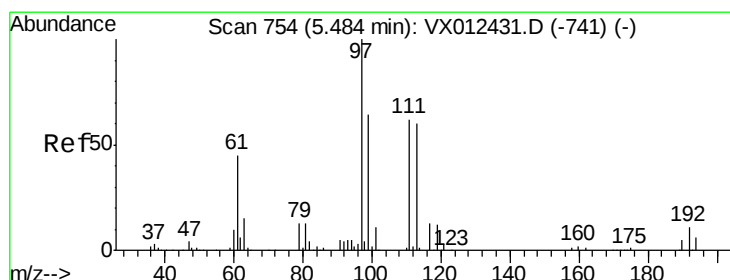
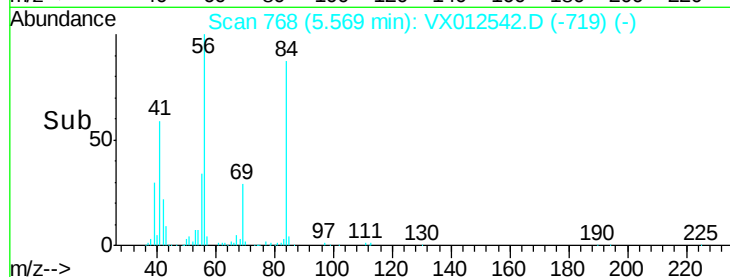
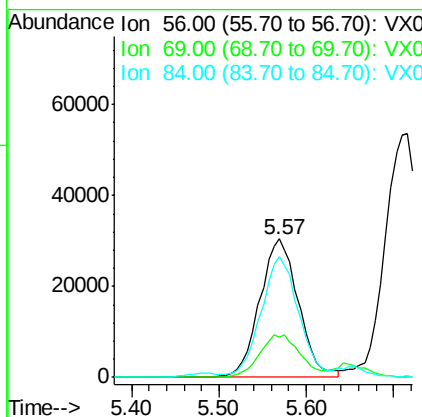
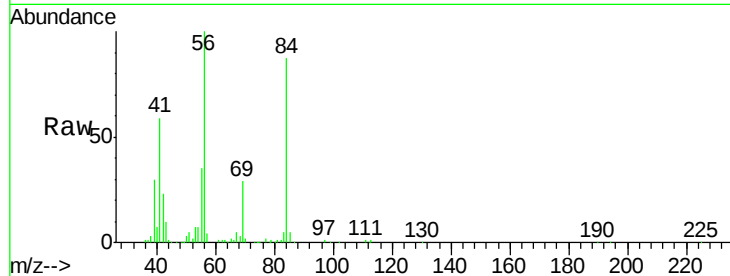
#31
Cyclohexane
Concen: 52.434 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX012542.D
Acq: 19 Sep 2019 20:37

Instrument :
MSVOA_X
ClientSampleId :
MW2-R2-1MSD

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.4	25.0	37.6
84	84.9	66.4	99.6

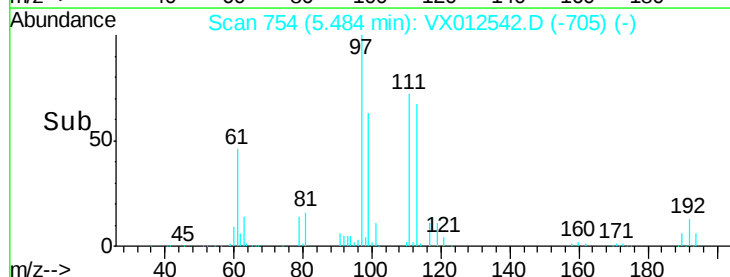
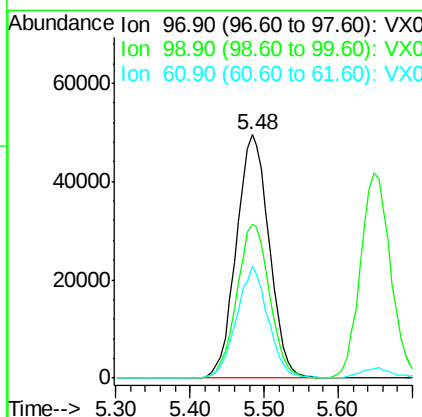
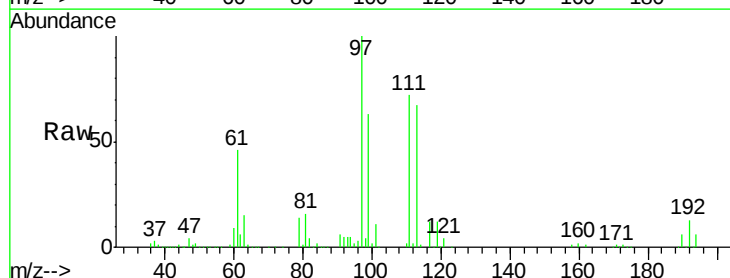
Manual Integrations
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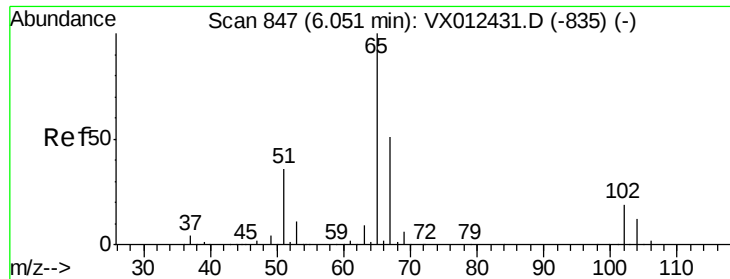
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#32
1,1,1-Trichloroethane
Concen: 53.807 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX012542.D
Acq: 19 Sep 2019 20:37

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.2	51.3	76.9
61	44.2	36.1	54.1





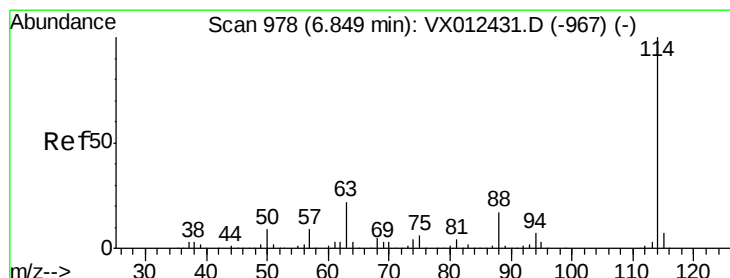
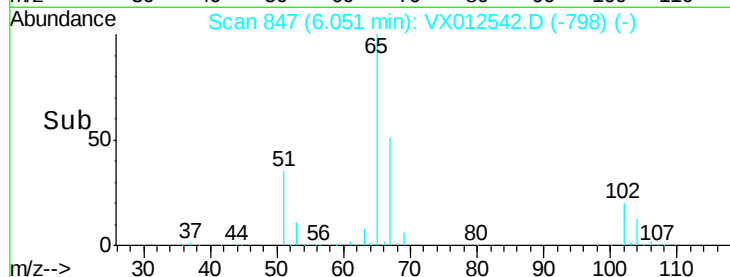
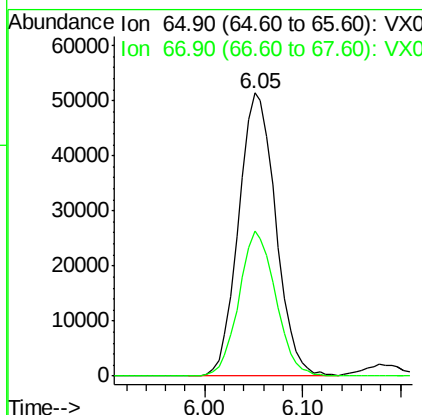
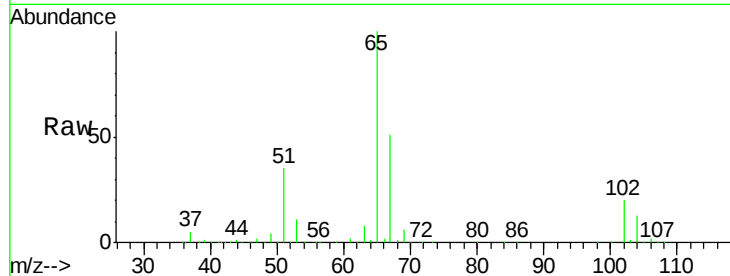
#33
 1,2-Dichloroethane-d4
 Concen: 52.386 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX012542.D
 Acq: 19 Sep 2019 20:37

Instrument :
 MSVOA_X
 ClientSampleId :
 MW2-R2-1MSD

Tot Ion	Ratio	Lower	Upper
65	100		
67	50.5	0.0	101.2

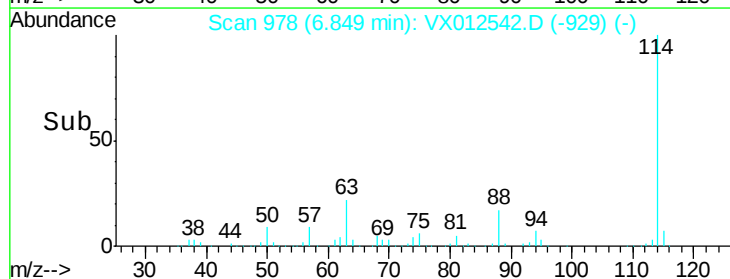
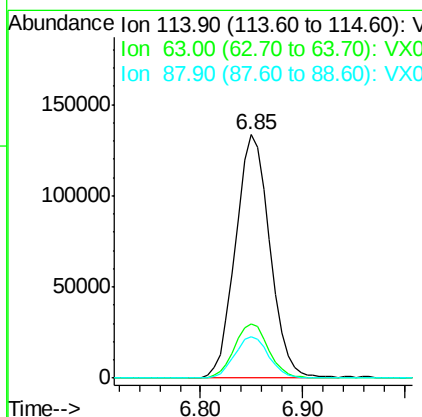
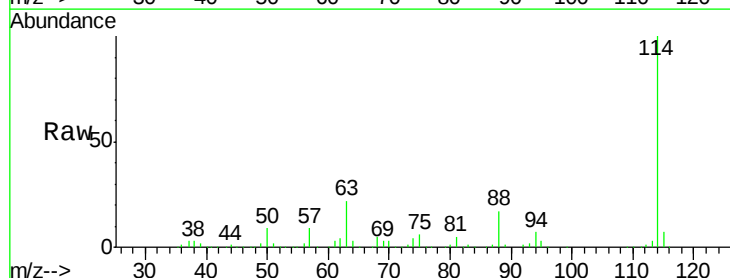
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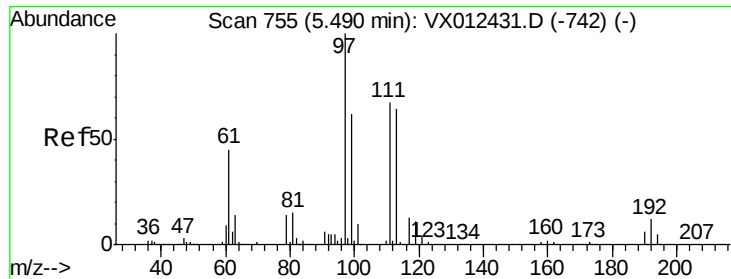
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012542.D
 Acq: 19 Sep 2019 20:37

Tgt Ion	Ratio	Lower	Upper
114	100		
63	22.0	0.0	43.2
88	17.2	0.0	33.2





#35

Dibromofluoromethane

Concen: 52.063 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX012542.D

Acq: 19 Sep 2019 20:37

Instrument :

MSVOA_X

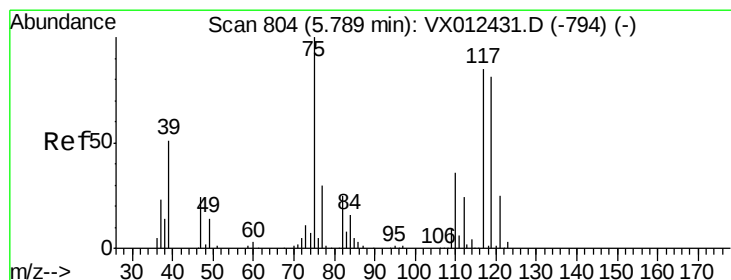
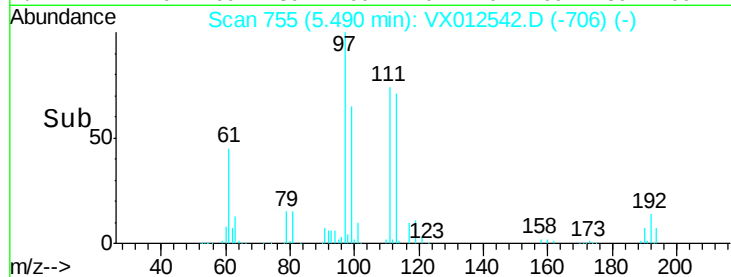
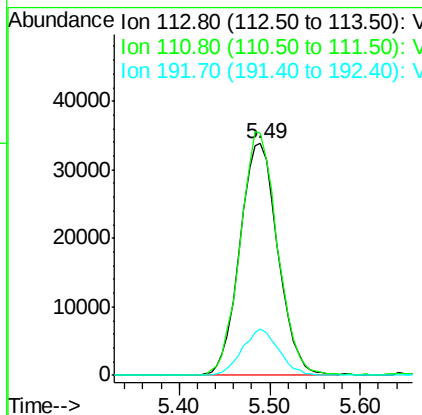
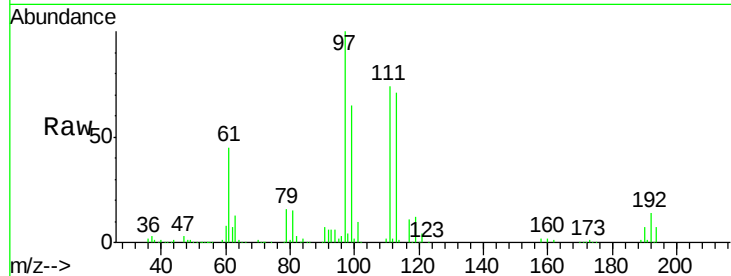
ClientSampleId :

MW2-R2-1MSD

Tot Ion:	113	Resp:	98576
Ion	Ratio	Lower	Upper
113	100		
111	103.0	83.4	125.2
192	19.2	14.4	21.6

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#36

1,1-Dichloropropene

Concen: 51.406 ug/l

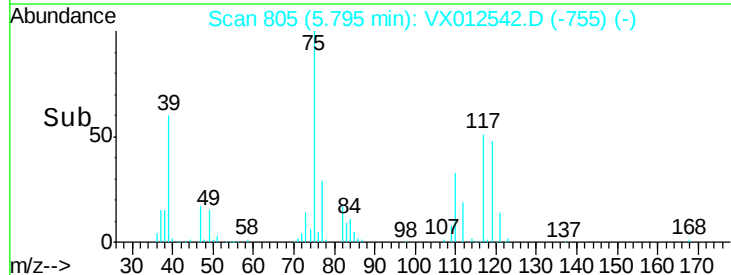
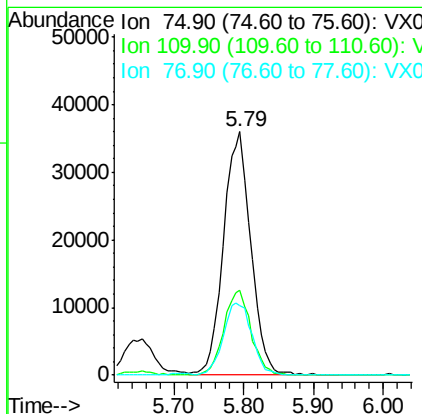
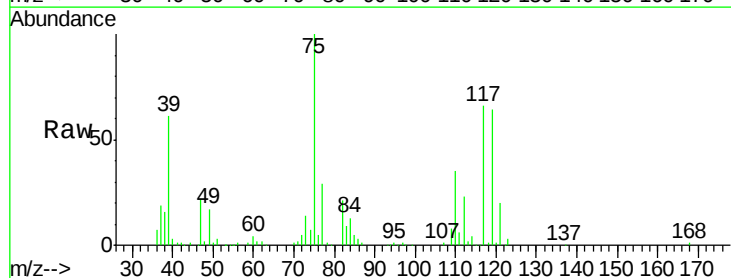
RT: 5.79 min Scan# 805

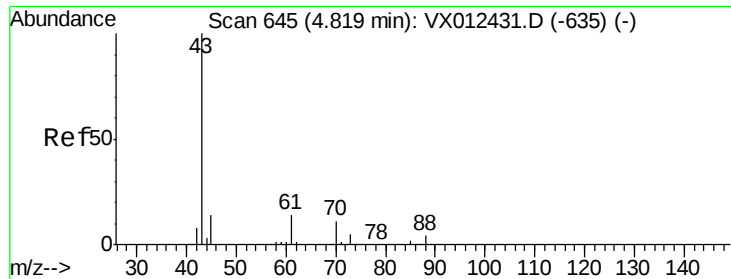
Delta R.T. 0.01 min

Lab File: VX012542.D

Acq: 19 Sep 2019 20:37

Tgt Ion:	75	Resp:	97734
Ion	Ratio	Lower	Upper
75	100		
110	34.6	16.7	50.0
77	31.0	24.2	36.2





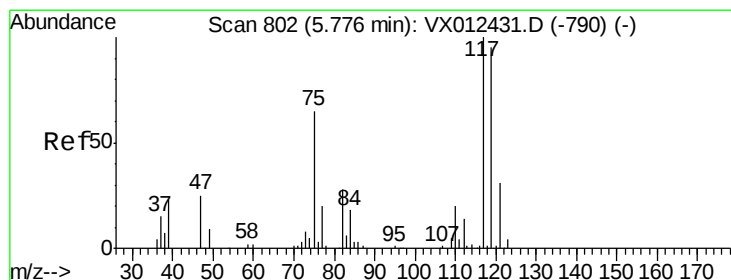
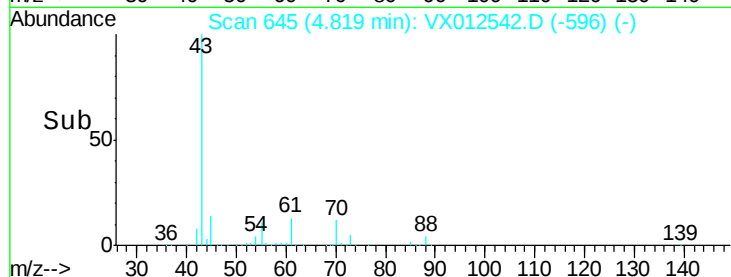
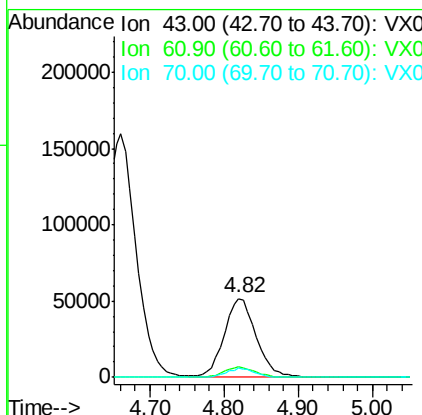
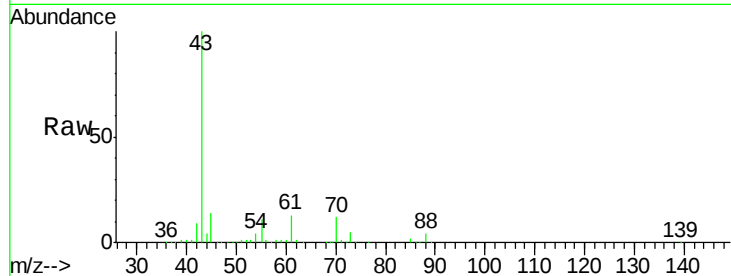
#37
Ethyl Acetate
Concen: 52.346 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX012542.D
Acq: 19 Sep 2019 20:37

Instrument :
MSVOA_X
ClientSampleId :
MW2-R2-1MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.2	10.2	15.4
70	11.0	8.7	13.1

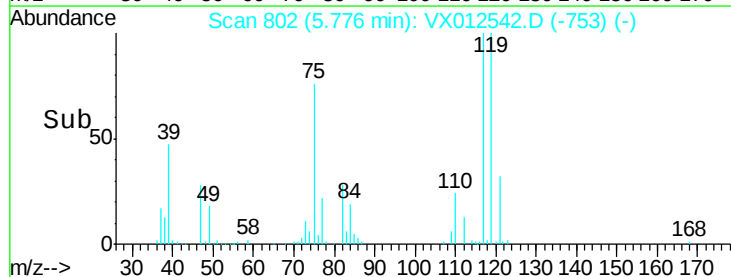
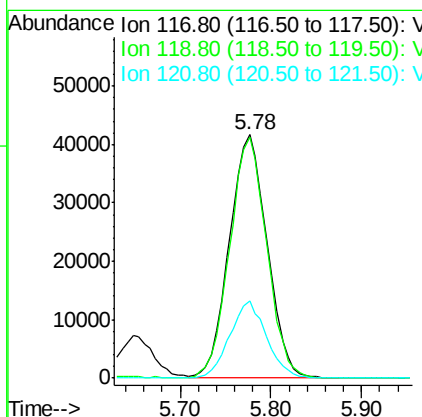
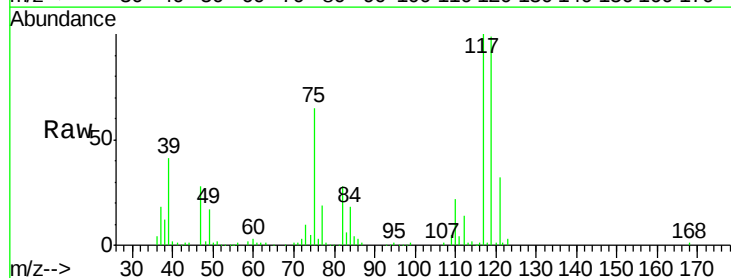
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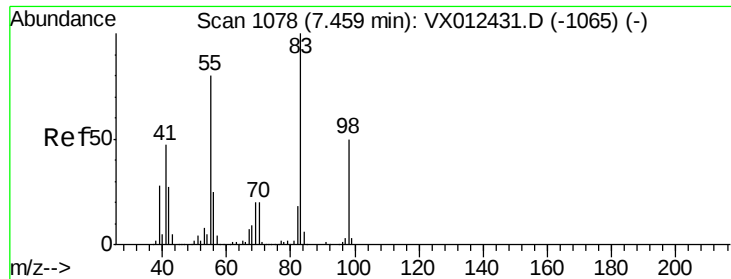
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#38
Carbon Tetrachloride
Concen: 50.779 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX012542.D
Acq: 19 Sep 2019 20:37

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.3	75.7	113.5
121	31.9	24.2	36.4





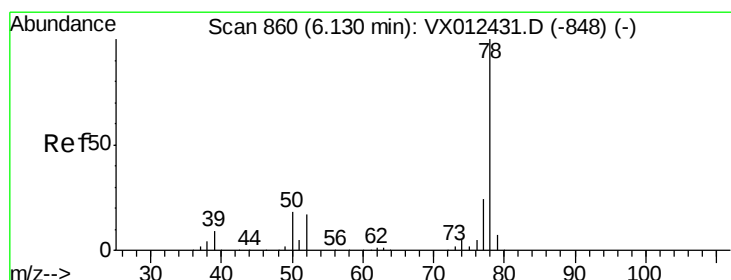
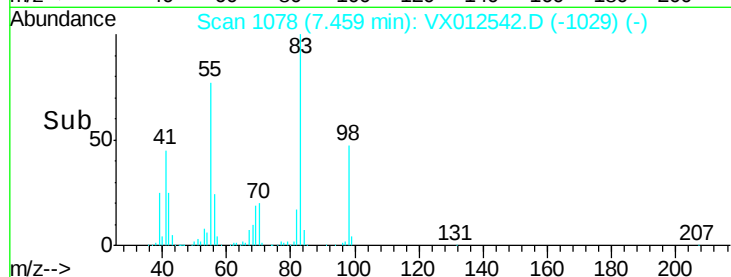
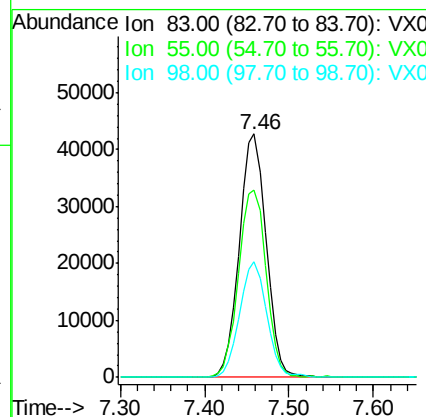
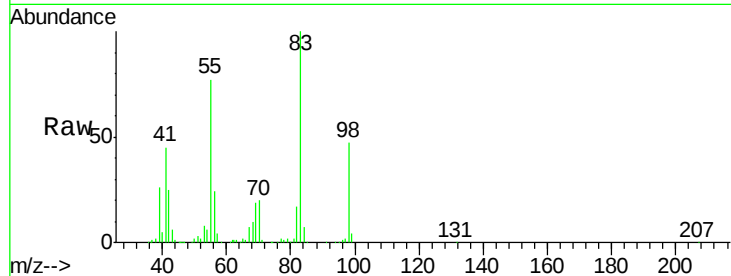
#39
Methvlcvclohexane
Concen: 49.669 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX012542.D
Acq: 19 Sep 2019 20:37

Instrument :
MSVOA_X
ClientSampled :
MW2-R2-1MSD

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.0	64.4	96.6
98	47.3	40.1	60.1

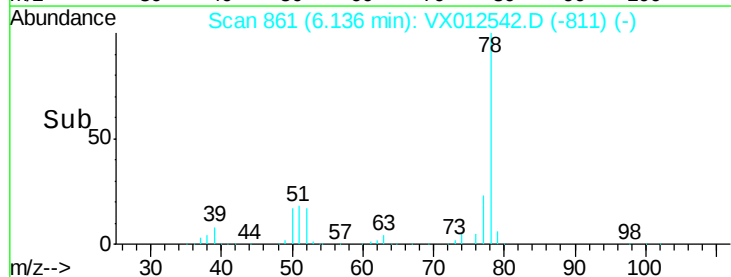
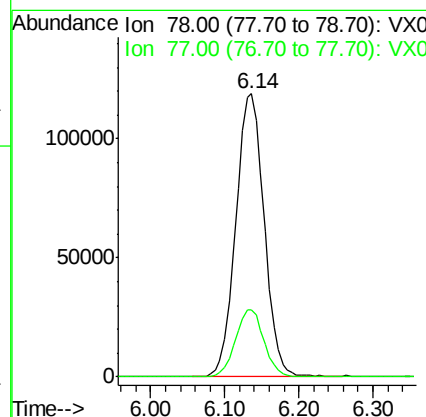
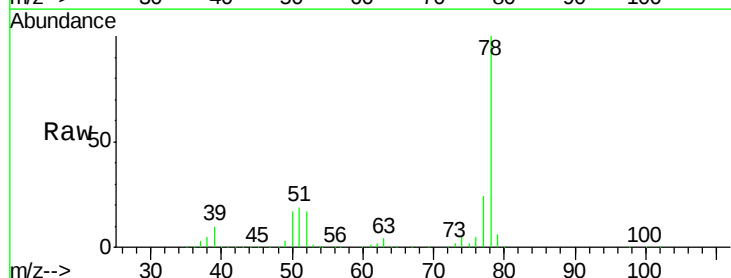
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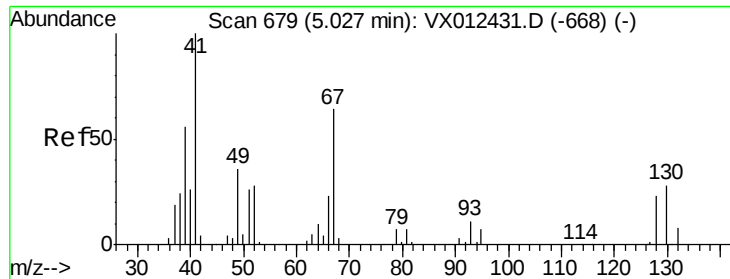
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#40
Benzene
Concen: 52.640 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX012542.D
Acq: 19 Sep 2019 20:37

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.2	28.8





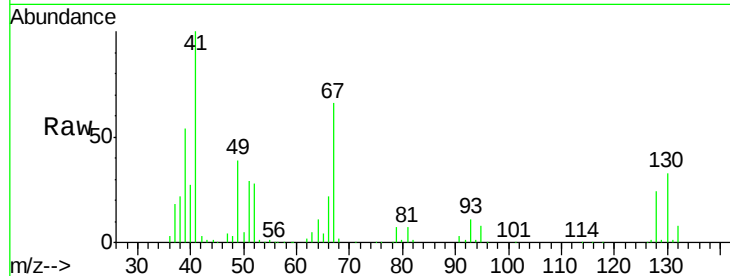
#41
Methacrylonitrile
Concen: 52.805 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX012542.D
Acq: 19 Sep 2019 20:37

Instrument :
MSVOA_X
ClientSampleId :
MW2-R2-1MSD

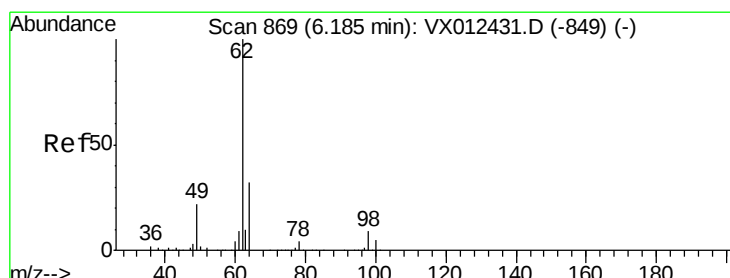
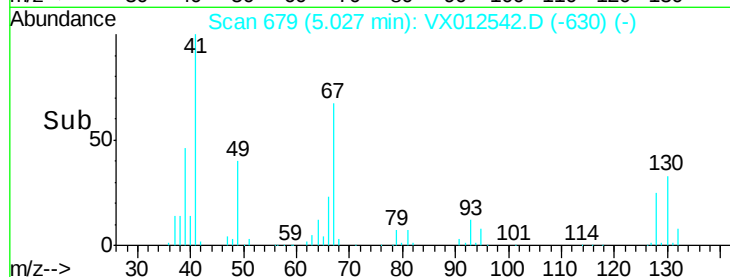
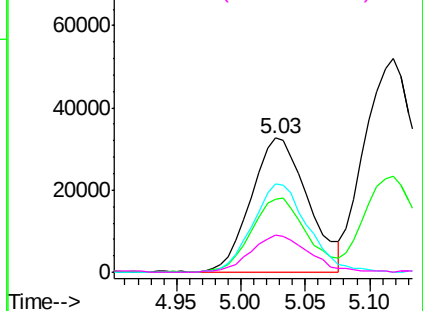
Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.6	46.0	69.0	
67	64.6	52.2	78.2	
52	27.5	22.7	34.1	

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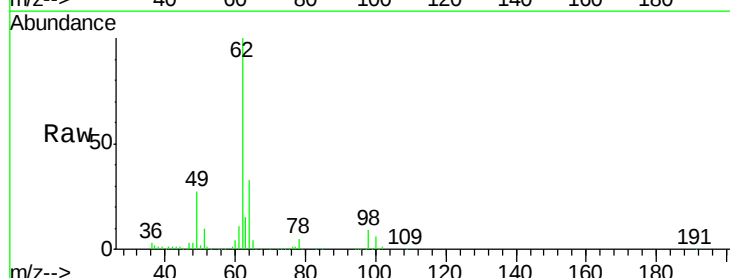


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

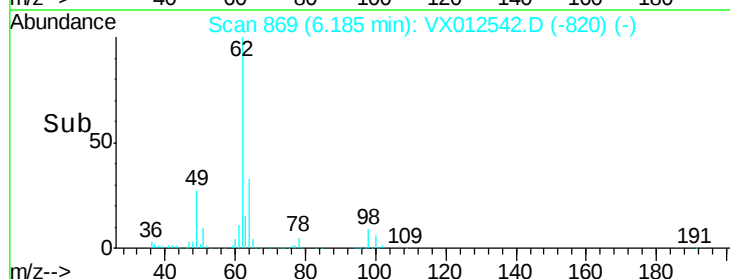
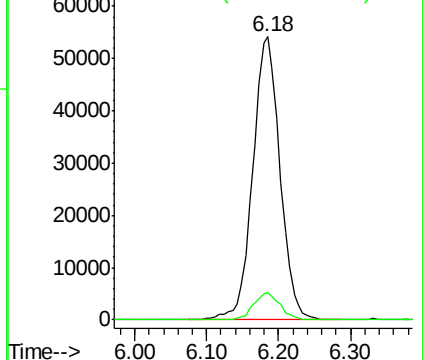


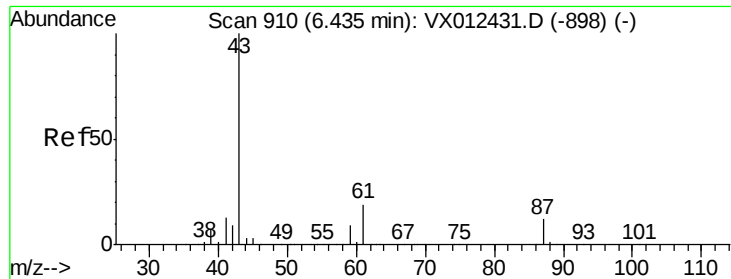
#42
1,2-Dichloroethane
Concen: 50.751 ug/l
RT: 6.18 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX012542.D
Acq: 19 Sep 2019 20:37

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.3	0.0	17.8	



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

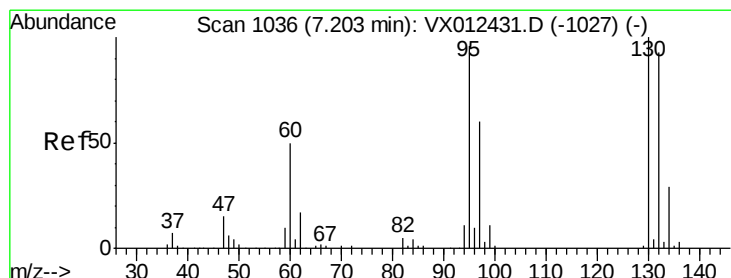
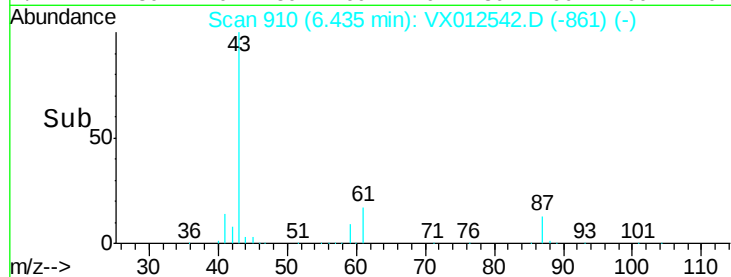
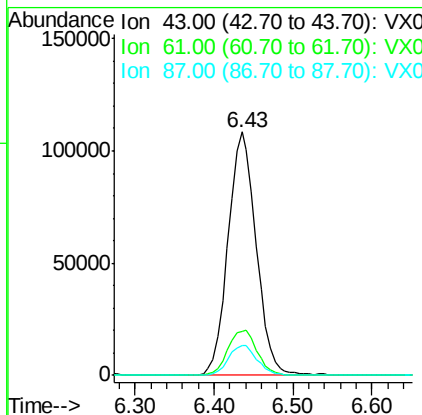
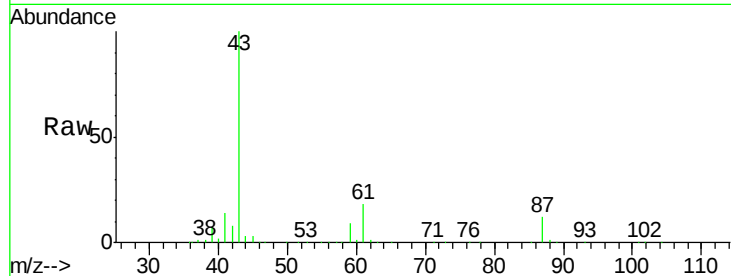
Isopropyl Acetate
 Concen: 51.199 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX012542.D
 Acq: 19 Sep 2019 20:37

Instrument :
 MSVOA_X
 ClientSampleId :
 MW2-R2-1MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.5	15.4	23.0
87	12.8	9.8	14.8

Manual Integrations
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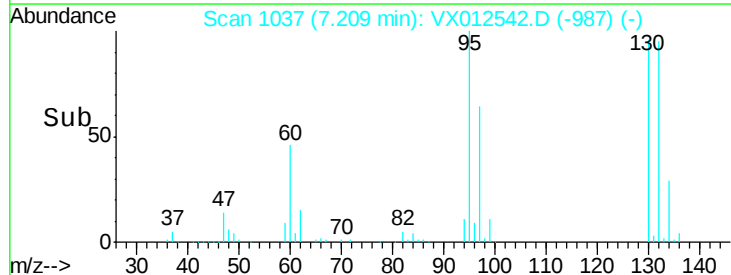
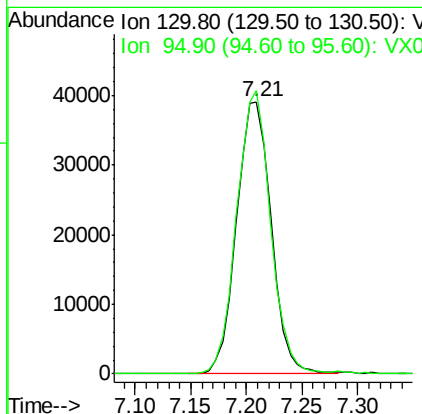
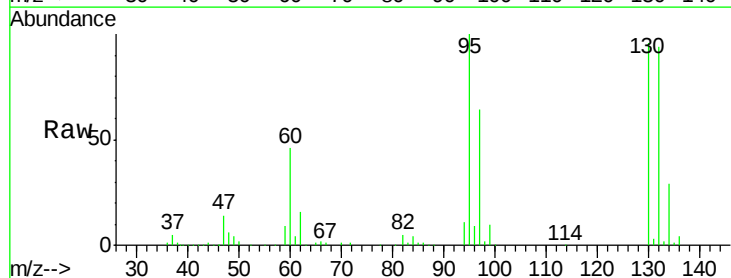
MMDadoda
 9/20/2019 10:46:16 AM

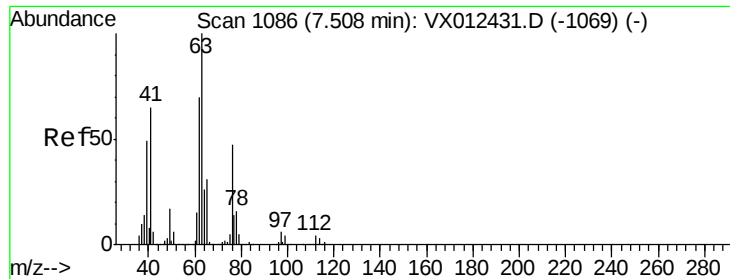


#44

Trichloroethene
 Concen: 53.130 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.01 min
 Lab File: VX012542.D
 Acq: 19 Sep 2019 20:37

Tgt Ion	Ratio	Lower	Upper
130	100		
95	104.0	0.0	193.0





#45

1,2-Dichloropropane

Concen: 52.107 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX012542.D

Acq: 19 Sep 2019 20:37

Instrument :

MSVOA_X

ClientSampleId :

MW2-R2-1MSD

Tot Ion: 63 Resp: 96784

Ion Ratio Lower Upper

63 100

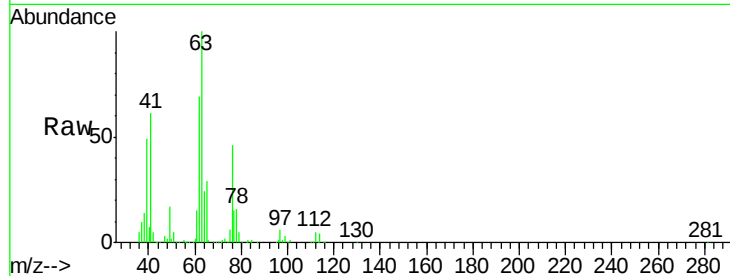
65 29.4 25.0 37.6

Manual Integrations

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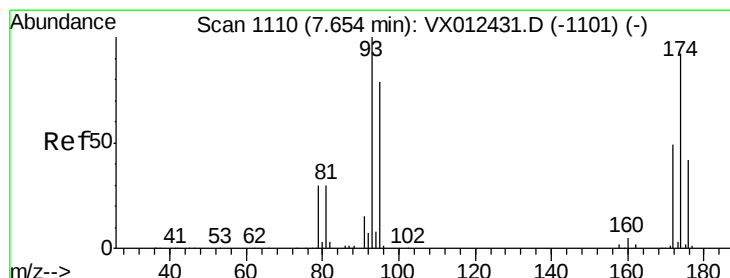
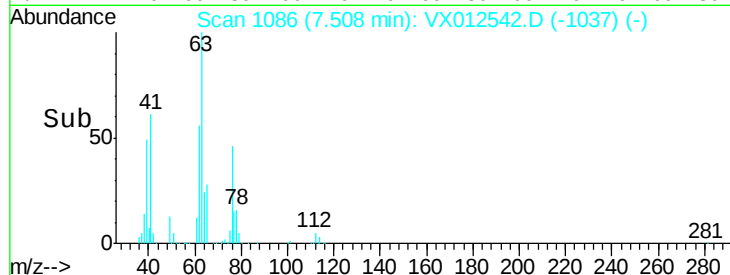
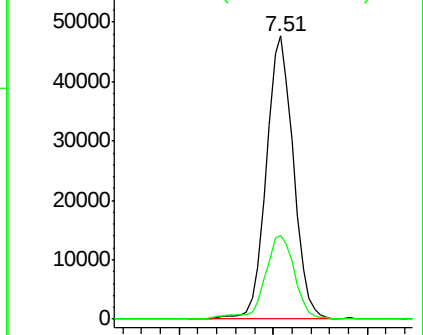
MMDadoda

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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 51.933 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX012542.D

Acq: 19 Sep 2019 20:37

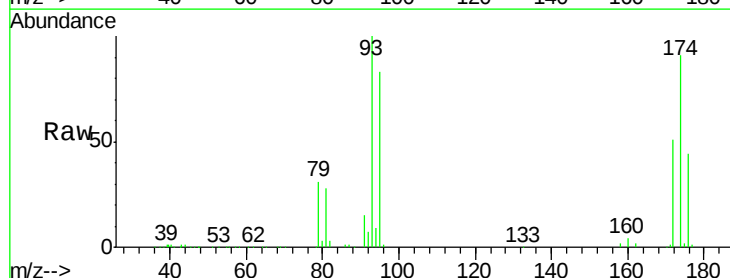
Tgt Ion: 93 Resp: 62422

Ion Ratio Lower Upper

93 100

95 85.1 66.6 100.0

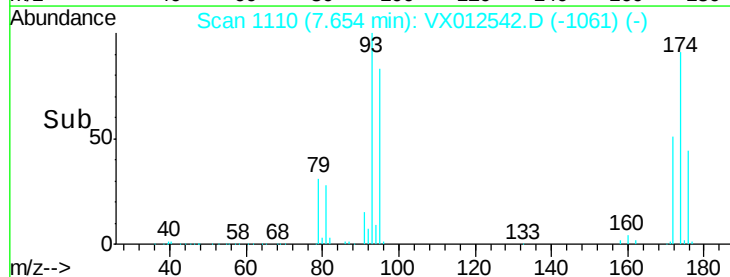
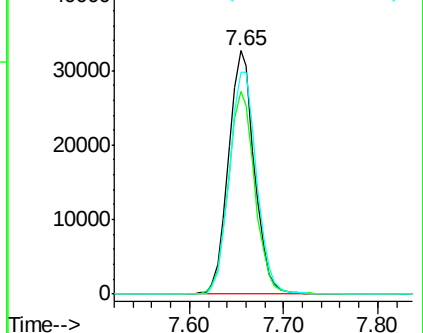
174 95.7 77.4 116.0

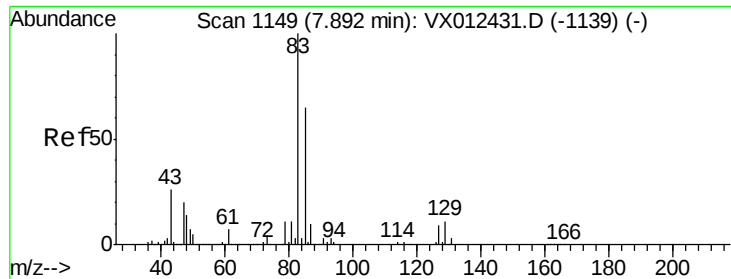


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





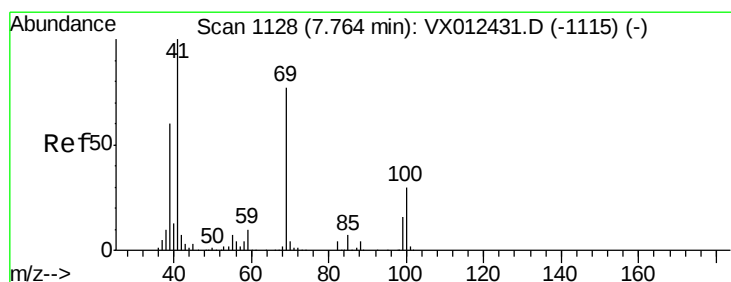
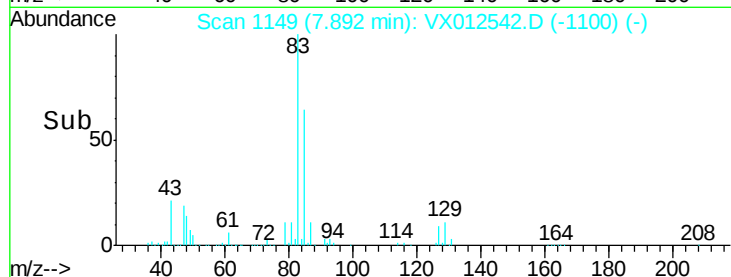
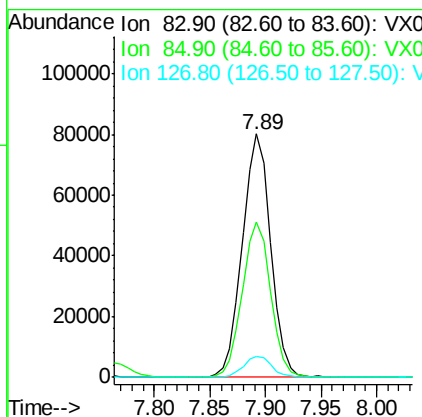
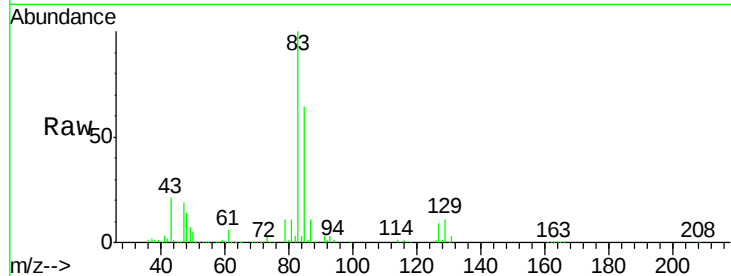
#47
Bromodichloromethane
Concen: 53.031 ug/l
RT: 7.89 min Scan# 1149
Delta R.T. 0.00 min
Lab File: VX012542.D
Acq: 19 Sep 2019 20:37

Instrument :
MSVOA_X
ClientSampleId :
MW2-R2-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
83	100	141926		
85	63.9		51.8	77.6
127	8.5		7.3	10.9

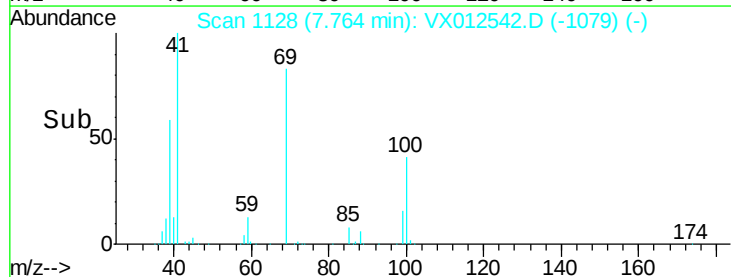
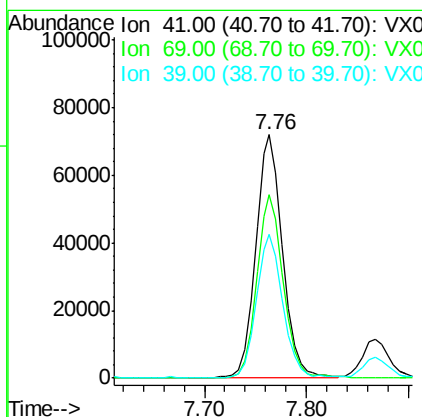
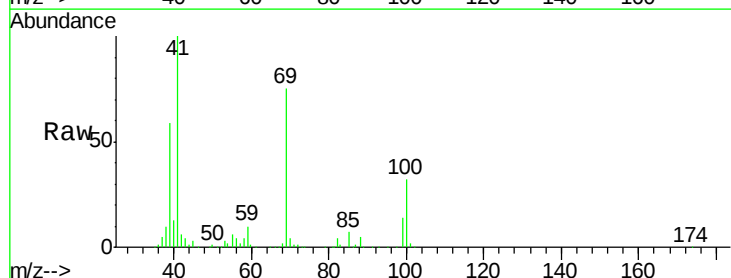
Manual Integrations
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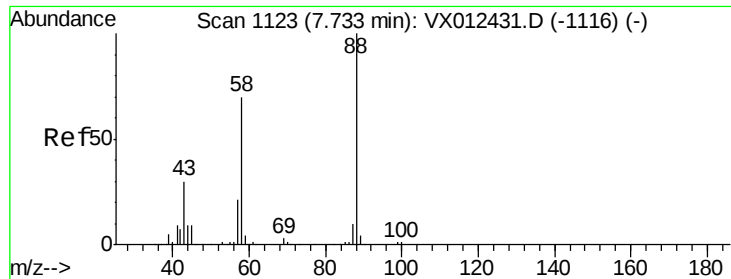
MMDadoda
9/20/2019 10:46:16 AM



#48
Methyl methacrylate
Concen: 53.084 ug/l
RT: 7.76 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX012542.D
Acq: 19 Sep 2019 20:37

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	131070		
69	75.4		59.9	89.9
39	58.3		47.8	71.6





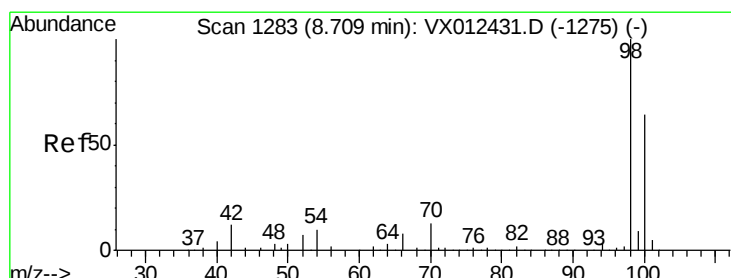
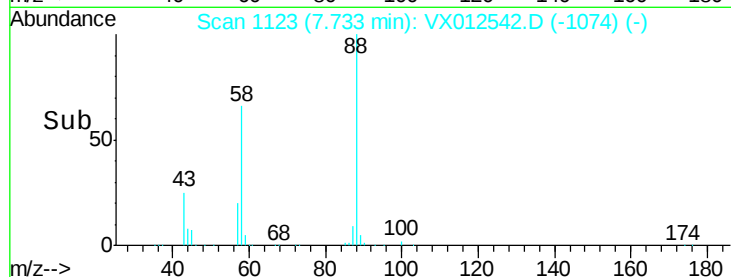
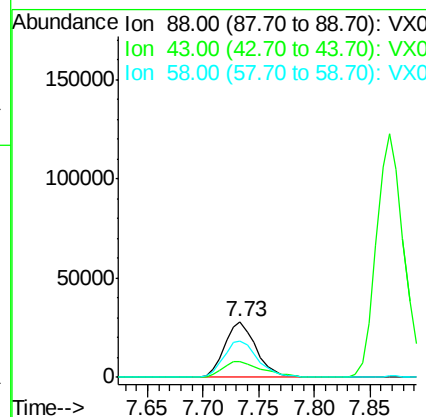
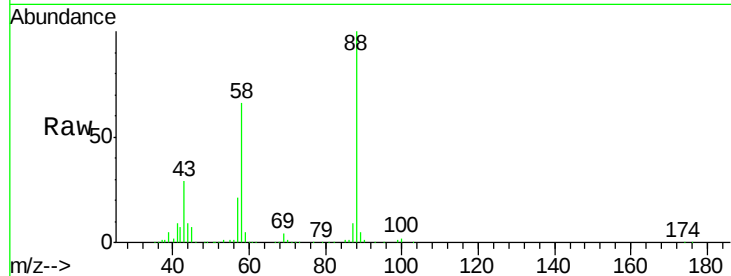
#49
1,4-Dioxane
Concen: 915.757 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX012542.D
Acq: 19 Sep 2019 20:37

Instrument :
MSVOA_X
ClientSampleId :
MW2-R2-1MSD

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.1	29.4	44.0
58	71.7	57.5	86.3

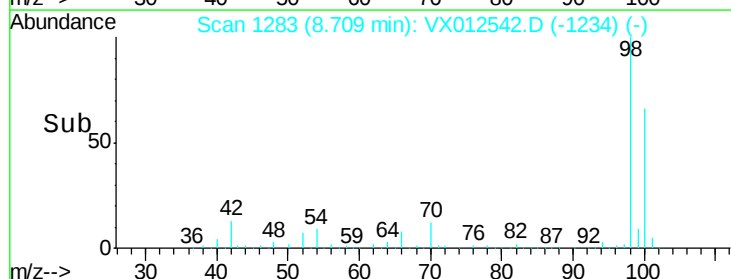
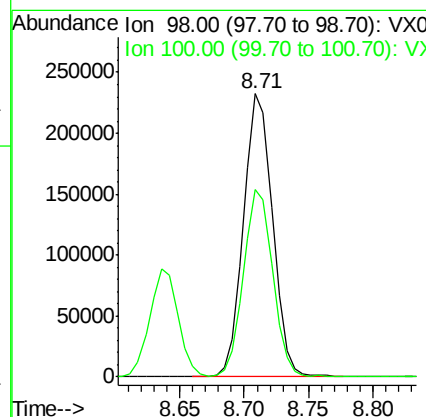
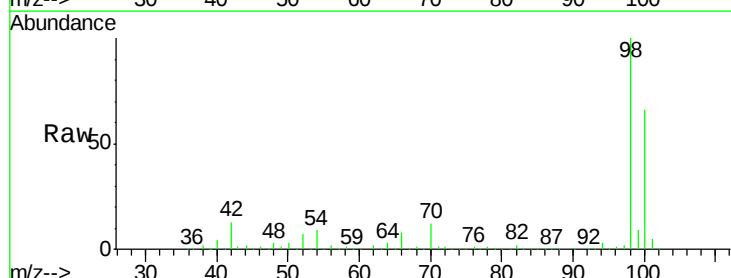
Manual Integrations
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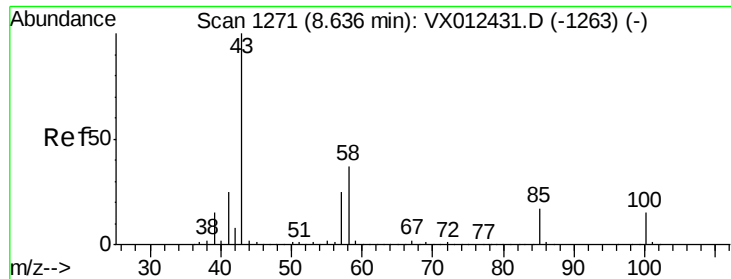
MMDadoda
9/20/2019 10:46:16 AM



#50
Toluene-d8
Concen: 51.752 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012542.D
Acq: 19 Sep 2019 20:37

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.2	53.4	80.2





#51

4-Methyl-2-Pentanone

Concen: 261.955 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX012542.D

Acq: 19 Sep 2019 20:37

Instrument :

MSVOA_X

ClientSampleId :

MW2-R2-1MSD

Tot Ion: 43 Resp: 899810

Ion Ratio Lower Upper

43 100

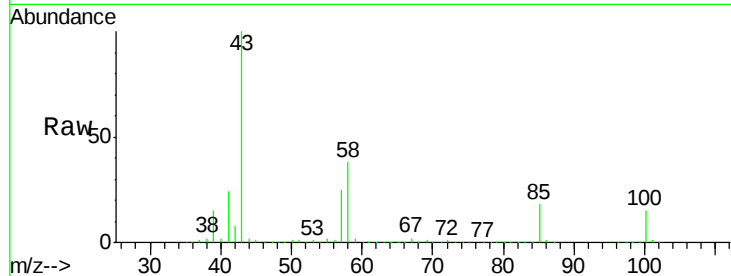
58 37.8 29.8 44.6

Manual Integrations

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MMDadoda

9/20/2019 10:46:16 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

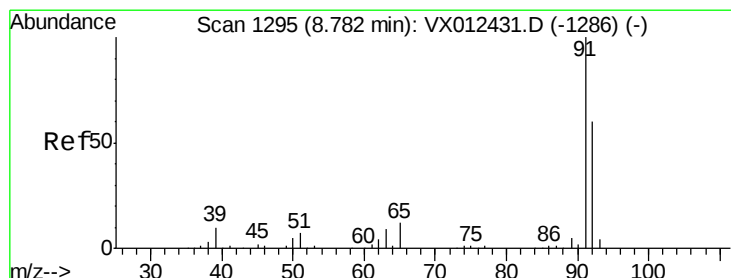
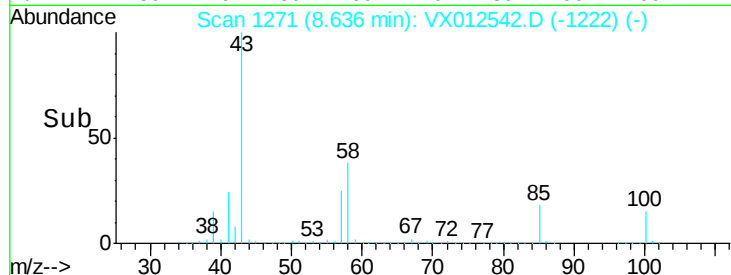
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 53.422 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX012542.D

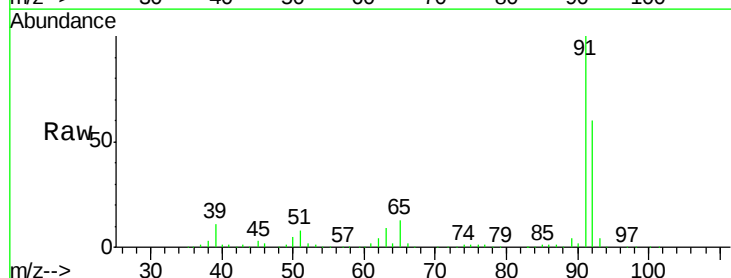
Acq: 19 Sep 2019 20:37

Tgt Ion: 92 Resp: 208117

Ion Ratio Lower Upper

92 100

91 165.6 135.4 203.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.78

250000

200000

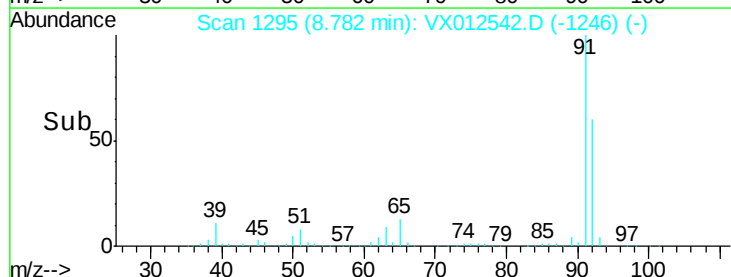
150000

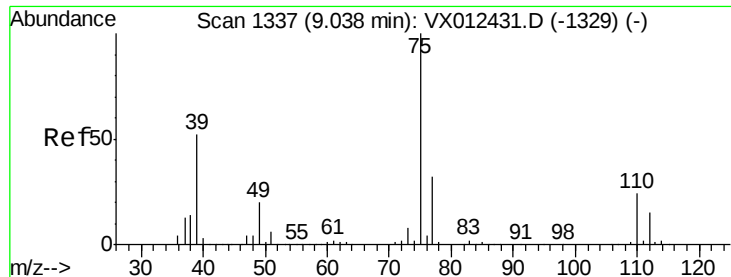
100000

50000

0

Time-->





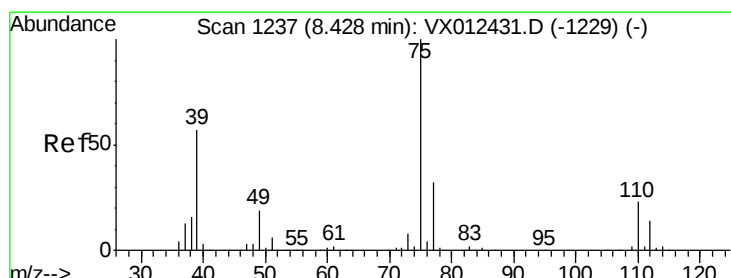
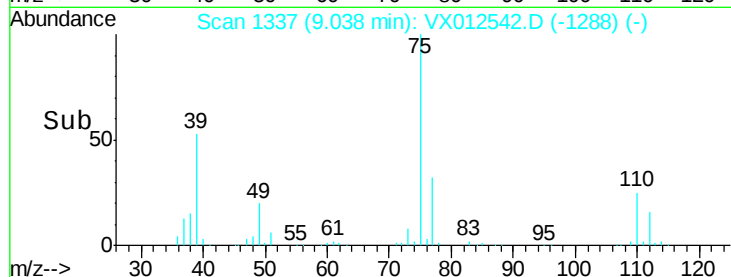
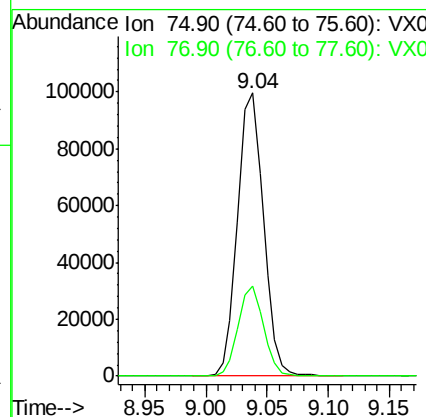
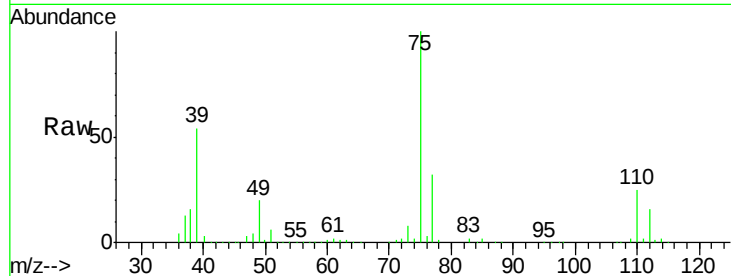
#53
t-1,3-Dichloropropene
Concen: 52.591 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX012542.D
Acq: 19 Sep 2019 20:37

Instrument :
MSVOA_X
ClientSampleId :
MW2-R2-1MSD

Tot Ion: 75 Resp: 146309
Ion Ratio Lower Upper
75 100
77 31.9 25.2 37.8

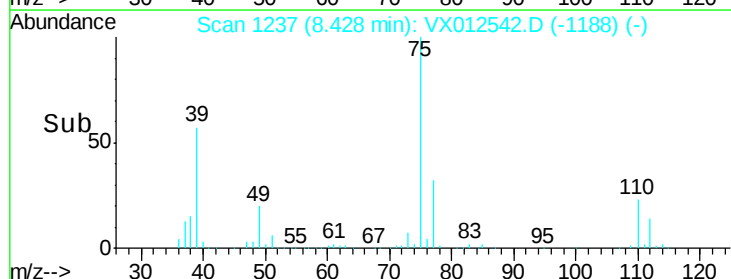
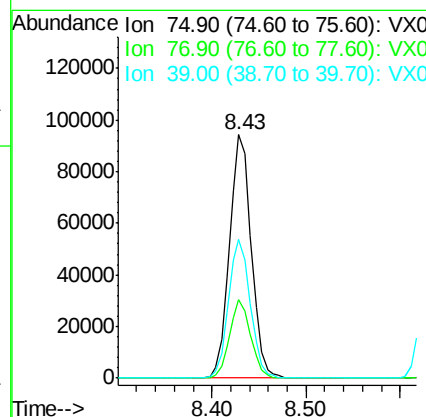
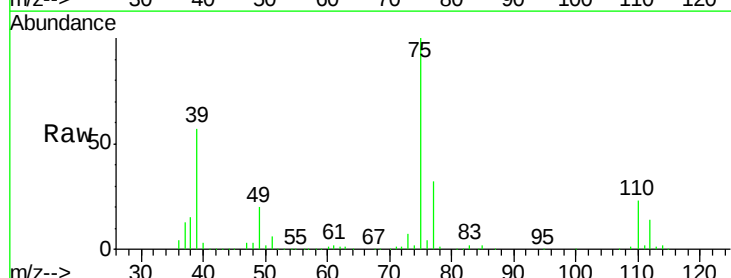
Manual Integrations
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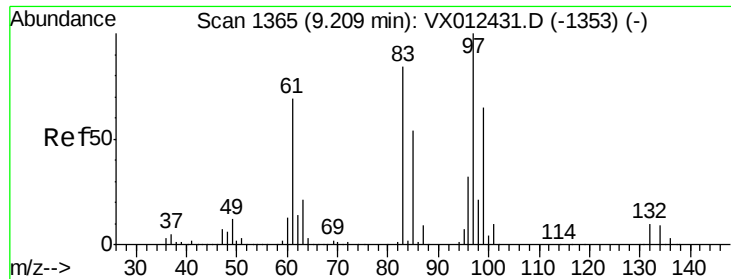
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 52.399 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX012542.D
Acq: 19 Sep 2019 20:37

Tgt Ion: 75 Resp: 150917
Ion Ratio Lower Upper
75 100
77 32.2 25.8 38.8
39 56.8 45.5 68.3





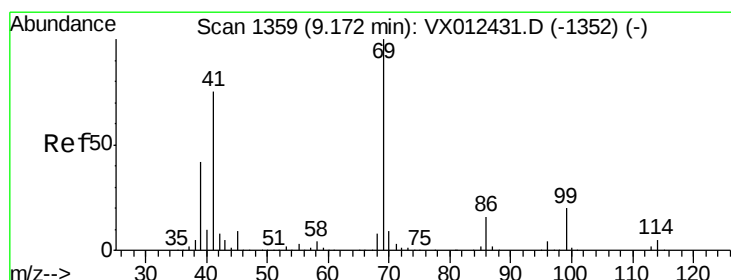
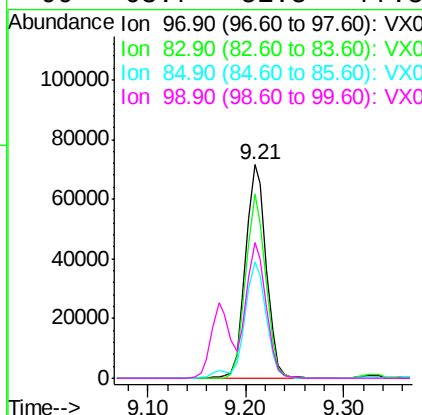
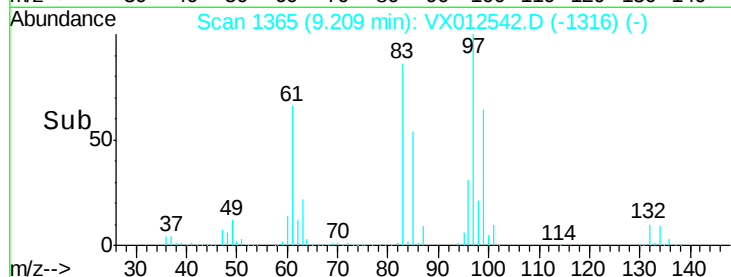
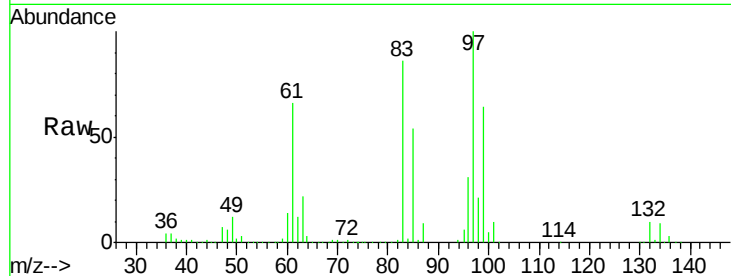
#55
 1,1,2-Trichloroethane
 Concen: 52.520 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX012542.D
 Acq: 19 Sep 2019 20:37

Instrument :
 MSVOA_X
 ClientSampleId :
 MW2-R2-1MSD

Tot Ion:	97	Resp:	105410
Ion	Ratio	Lower	Upper
97	100		
83	86.3	67.4	101.2
85	54.3	43.5	65.3
99	63.7	51.8	77.8

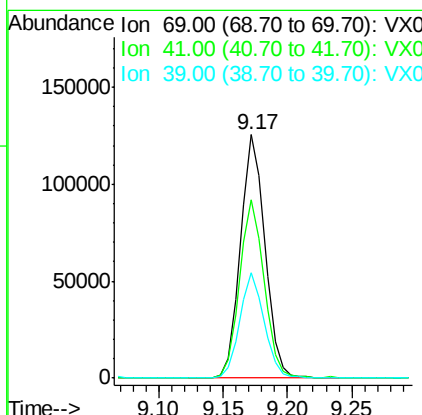
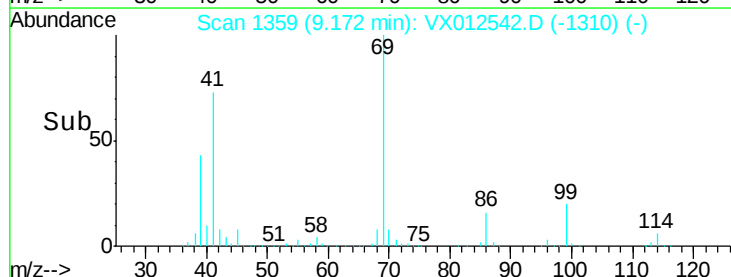
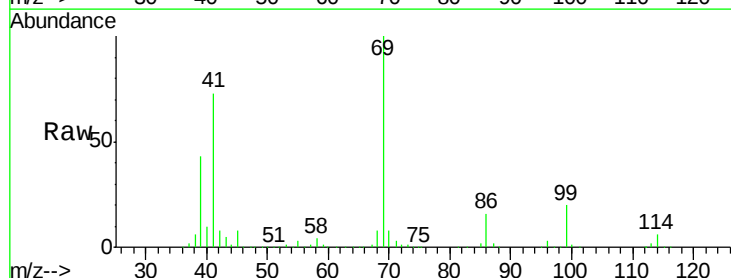
Manual Integrations
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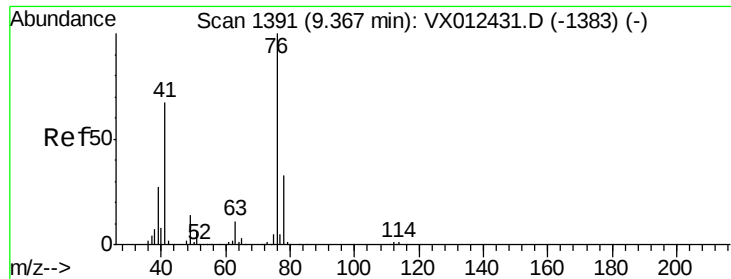
MMDadoda
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#56
 Ethyl methacrylate
 Concen: 52.993 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012542.D
 Acq: 19 Sep 2019 20:37

Tgt Ion:	69	Resp:	166291
Ion	Ratio	Lower	Upper
69	100		
41	73.4	58.4	87.6
39	42.7	33.4	50.0





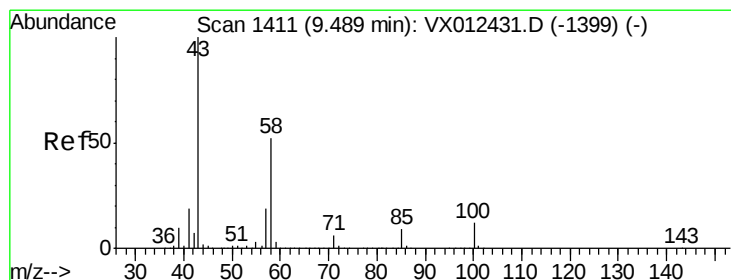
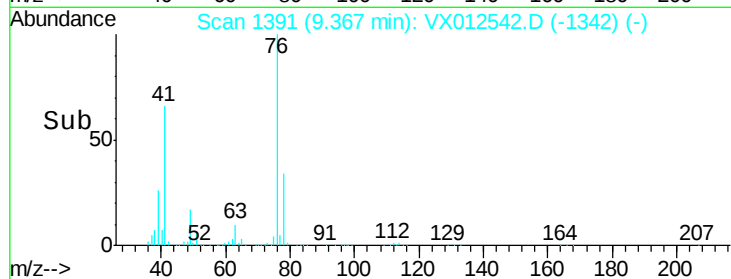
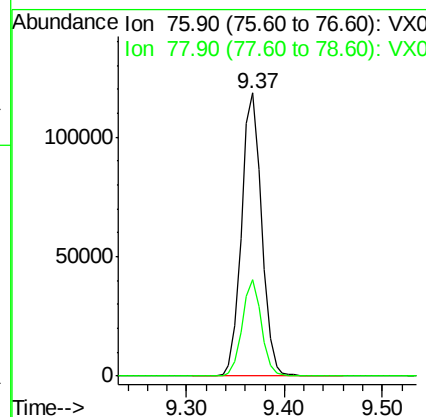
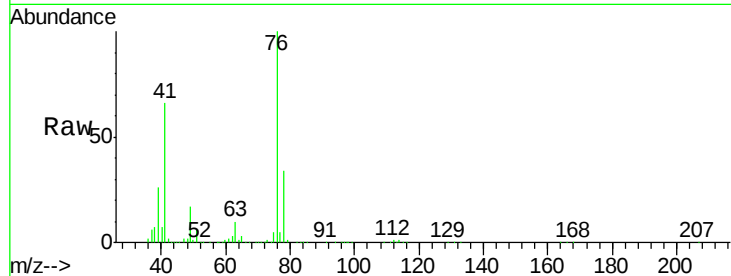
#57
 1,3-Dichloropropane
 Concen: 52.973 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX012542.D
 Acq: 19 Sep 2019 20:37

Instrument :
 MSVOA_X
 ClientSampleId :
 MW2-R2-1MSD

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.6	26.2	39.2

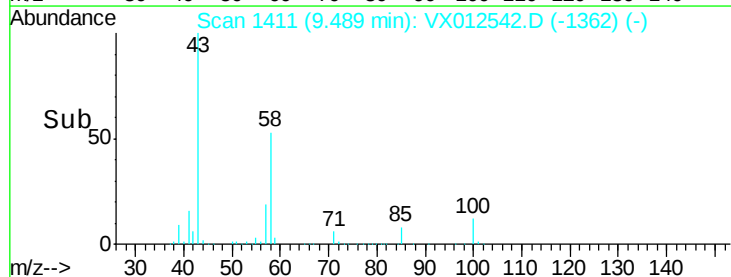
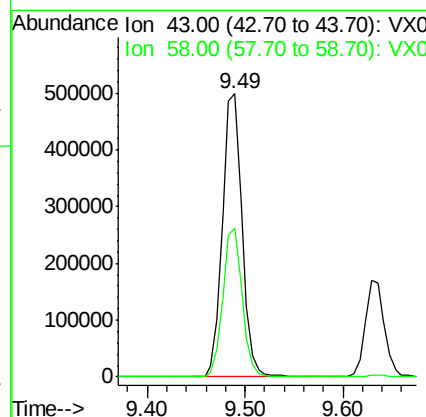
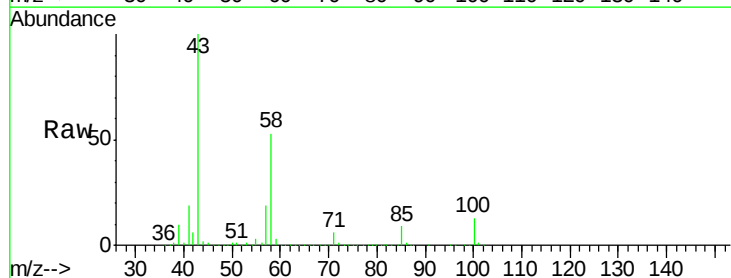
Manual Integrations
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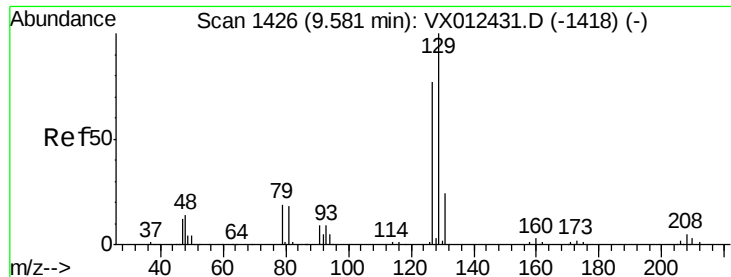
MMDadoda
 9/20/2019 10:46:16 AM



#59
 2-Hexanone
 Concen: 259.086 ug/l
 RT: 9.49 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX012542.D
 Acq: 19 Sep 2019 20:37

Tgt Ion	Ratio	Lower	Upper
43	100		
58	52.1	25.7	77.1





#60

Dibromochloromethane

Concen: 54.041 ug/l

RT: 9.58 min Scan# 1426

Delta R.T. 0.00 min

Lab File: VX012542.D

Acq: 19 Sep 2019 20:37

Instrument :

MSVOA_X

ClientSampleId :

MW2-R2-1MSD

Tot Ion:129 Resp: 110481

Ion Ratio Lower Upper

129 100

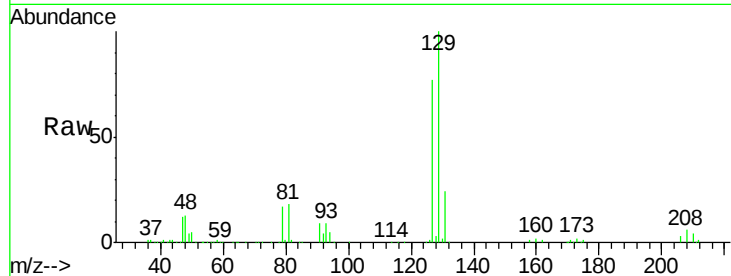
127 77.7 38.9 116.6

Manual Integrations

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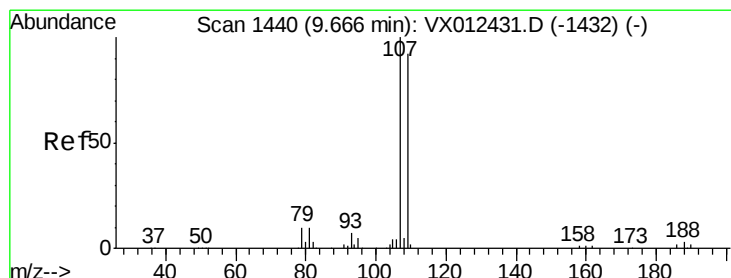
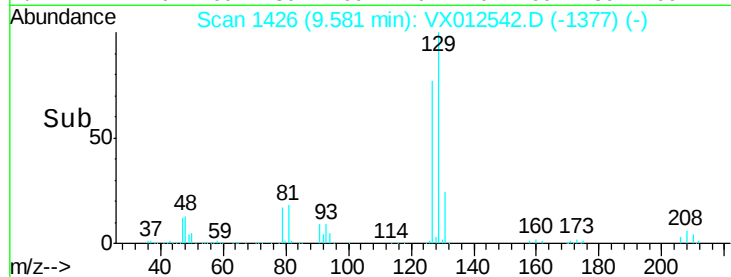
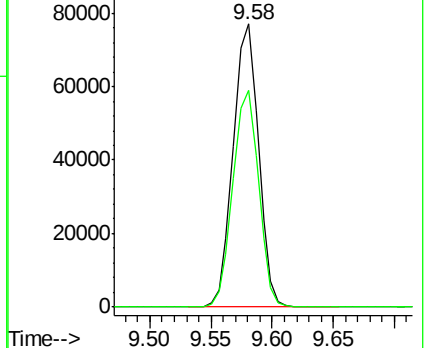
MMDadoda

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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 54.051 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX012542.D

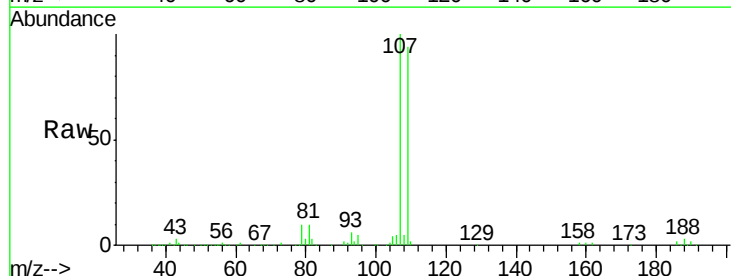
Acq: 19 Sep 2019 20:37

Tgt Ion:107 Resp: 99078

Ion Ratio Lower Upper

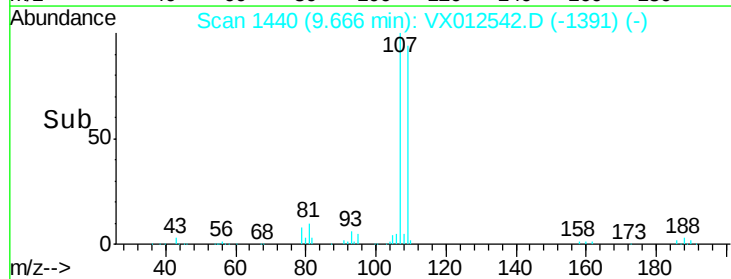
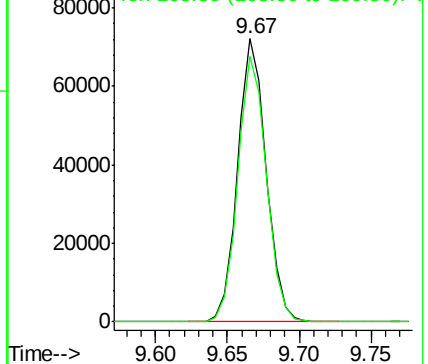
107 100

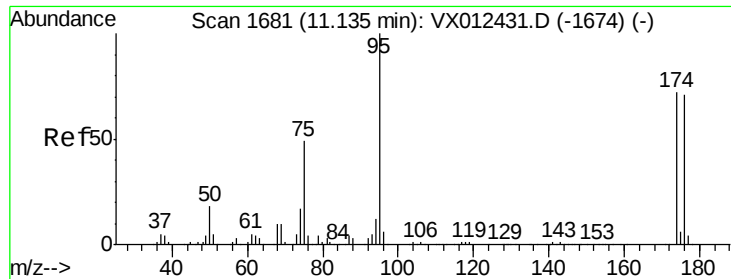
109 94.5 74.7 112.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 50.785 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012542.D

Acq: 19 Sep 2019 20:37

Instrument :

MSVOA_X

ClientSampleId :

MW2-R2-1MSD

Tot Ion: 95 Resp: 147779

Ion Ratio Lower Upper

95 100

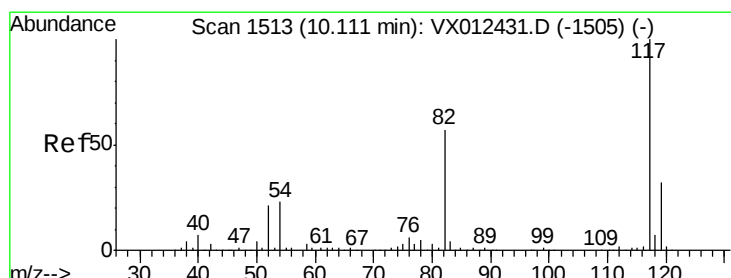
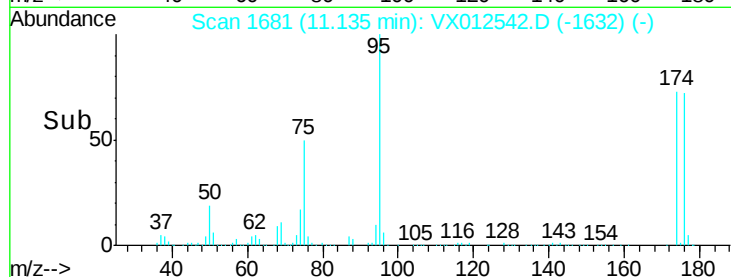
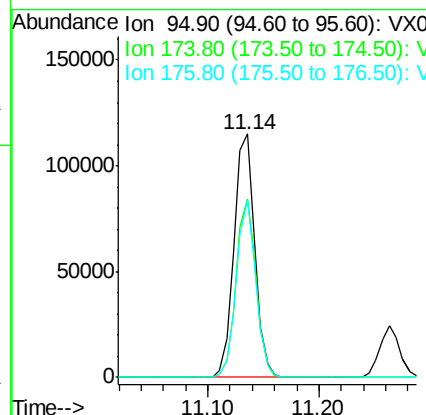
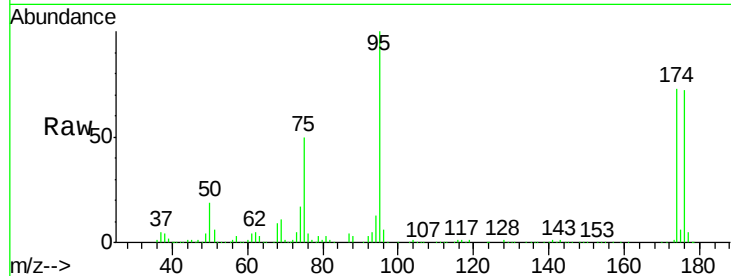
174 70.6 0.0 140.0

176 68.5 0.0 135.4

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX012542.D

Acq: 19 Sep 2019 20:37

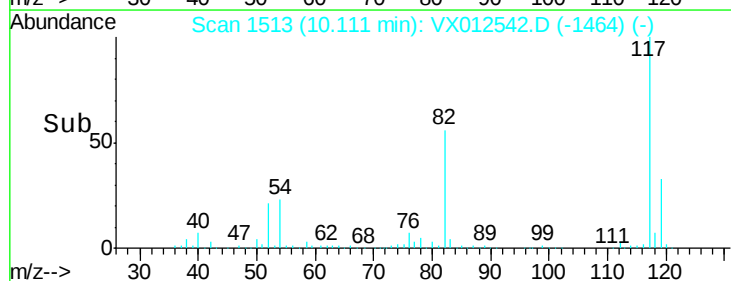
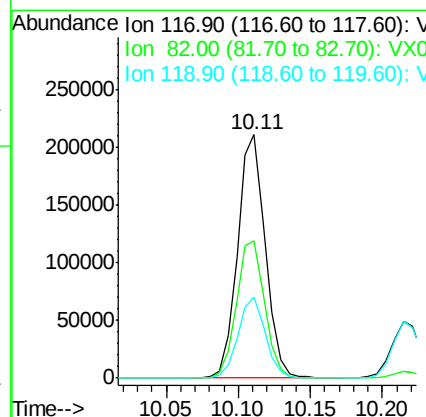
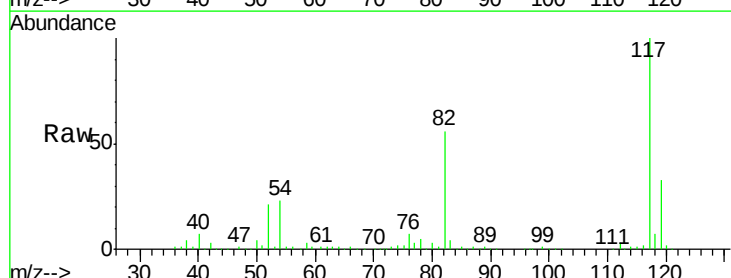
Tgt Ion: 117 Resp: 283295

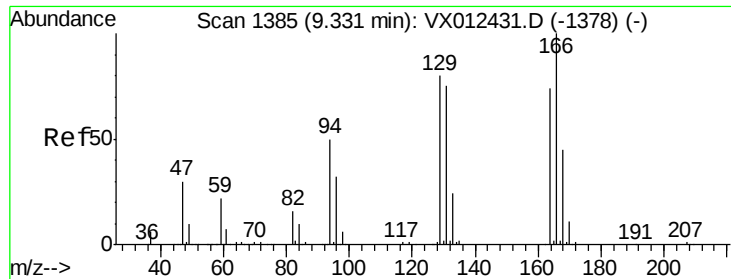
Ion Ratio Lower Upper

117 100

82 56.3 45.9 68.9

119 33.2 25.3 37.9





#64

Tetrachloroethene

Concen: 57.645 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX012542.D

Acq: 19 Sep 2019 20:37

Instrument :

MSVOA_X

ClientSampleId :

MW2-R2-1MSD

Tot Ion:164 Resp: 74833

Ion Ratio Lower Upper

164 100

166 121.7 107.8 161.6

129 95.5 86.2 129.2

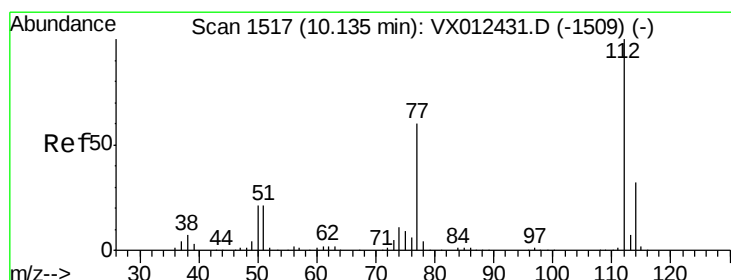
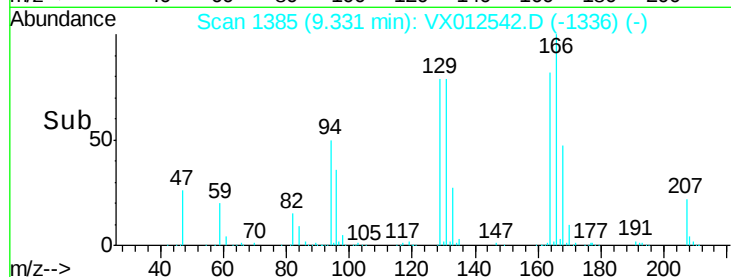
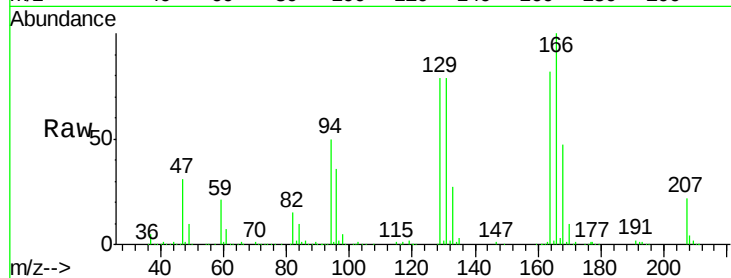
131 96.0 80.4 120.6

Manual Integrations

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#65

Chlorobenzene

Concen: 52.199 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX012542.D

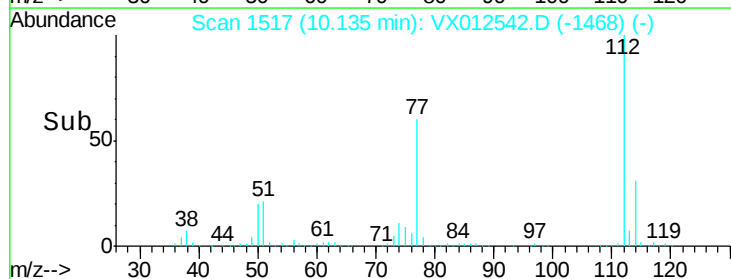
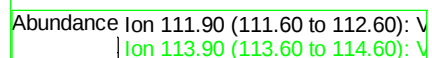
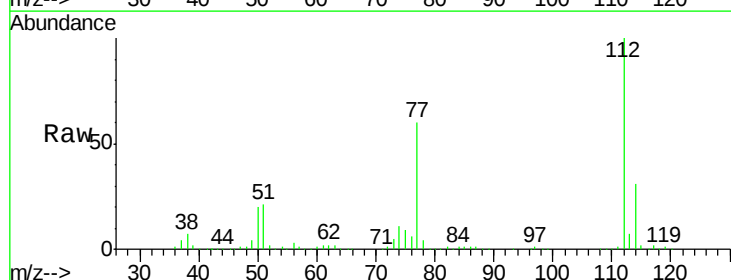
Acq: 19 Sep 2019 20:37

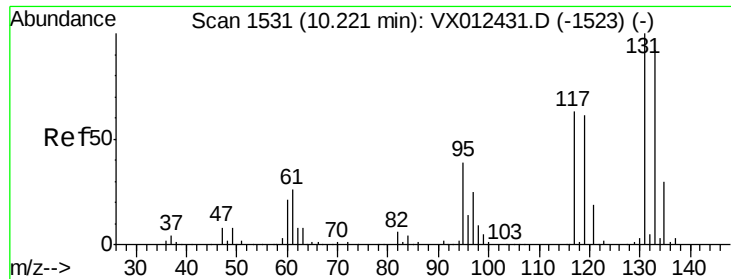
Tgt Ion:112 Resp: 244070

Ion Ratio Lower Upper

112 100

114 31.1 25.4 38.0





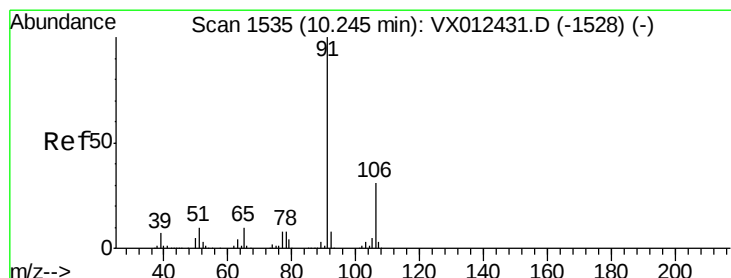
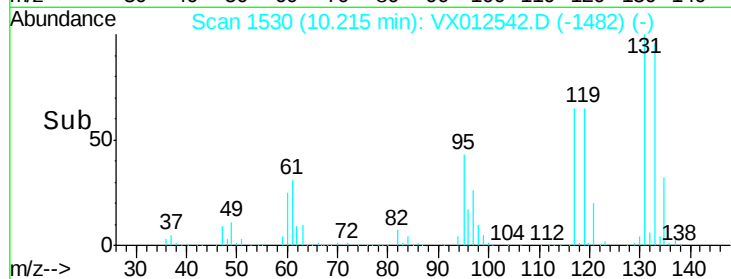
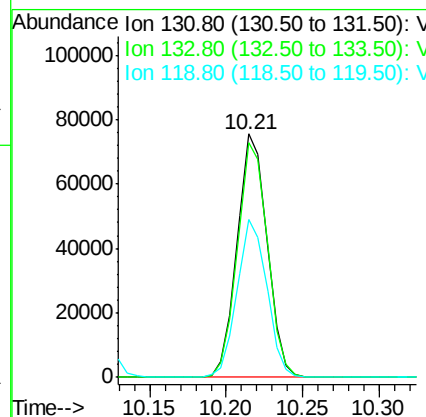
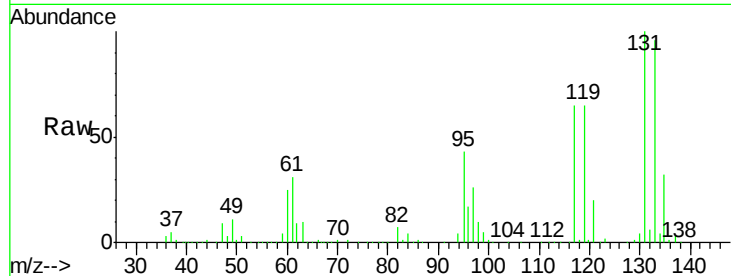
#66
 1,1,1,2-Tetrachloroethane
 Concen: 52.904 ug/l
 RT: 10.21 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: VX012542.D
 Acq: 19 Sep 2019 20:37

Instrument :
 MSVOA_X
 ClientSampleId :
 MW2-R2-1MSD

Tot Ion	Ratio	Lower	Upper
131	100		
133	96.8	47.6	142.9
119	64.2	31.3	93.8

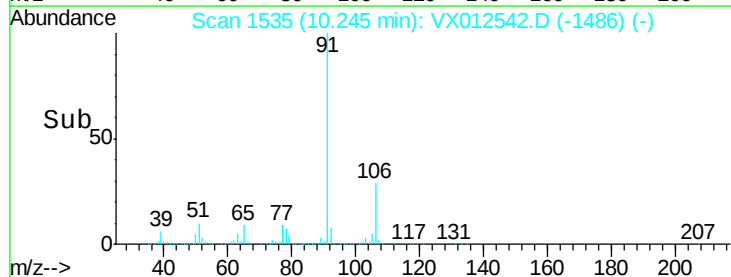
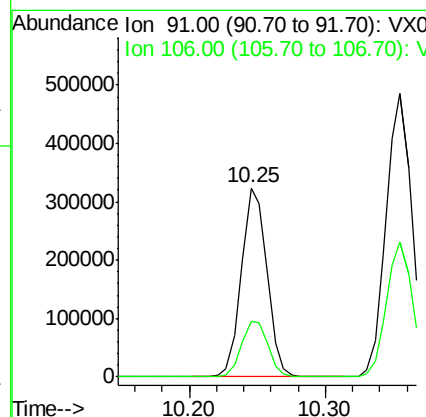
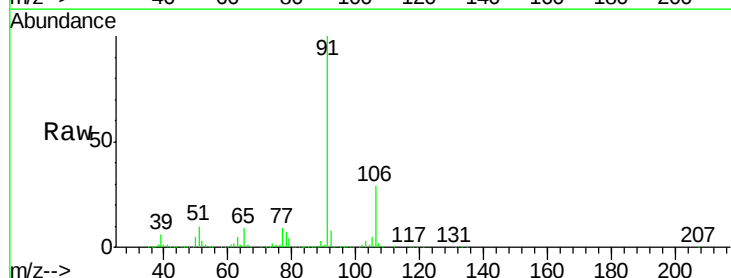
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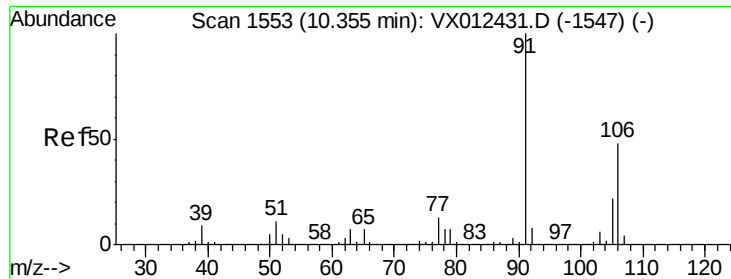
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#67
 Ethyl Benzene
 Concen: 52.710 ug/l
 RT: 10.25 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VX012542.D
 Acq: 19 Sep 2019 20:37

Tgt Ion	Ratio	Lower	Upper
91	100		
106	29.1	24.6	37.0





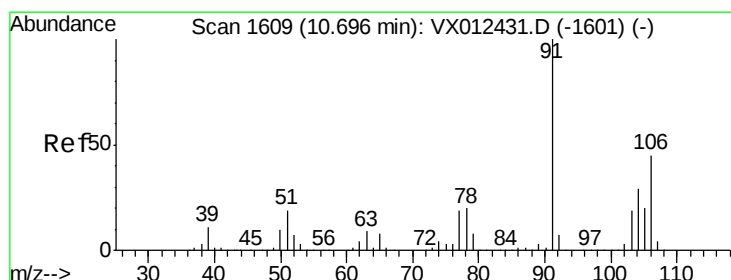
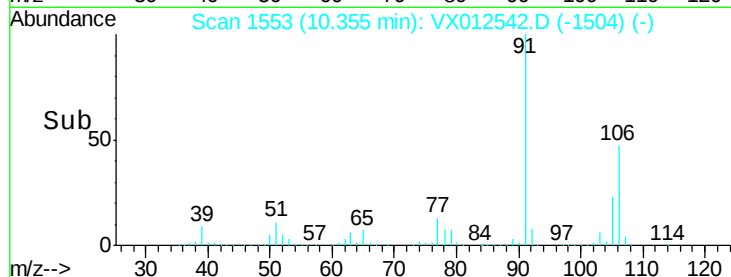
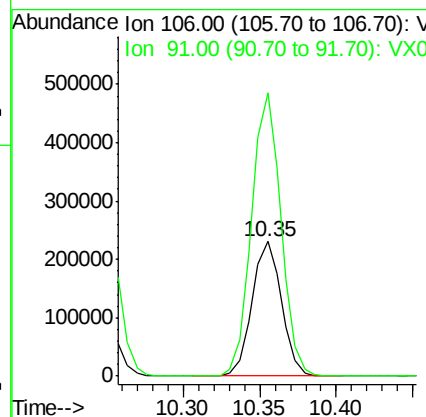
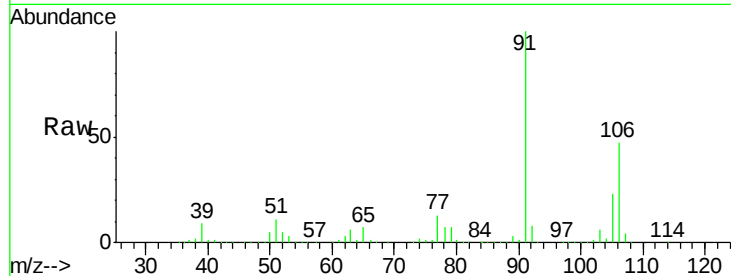
#68
m/p-Xylenes
Concen: 105.220 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX012542.D
Acq: 19 Sep 2019 20:37

Instrument :
MSVOA_X
ClientSampled :
MW2-R2-1MSD

Tot Ion:106 Resp: 307546
Ion Ratio Lower Upper
106 100
91 210.2 166.6 250.0

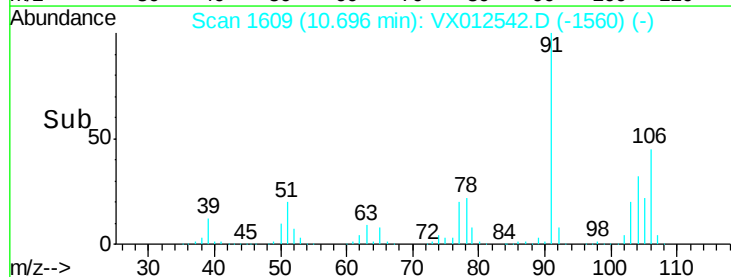
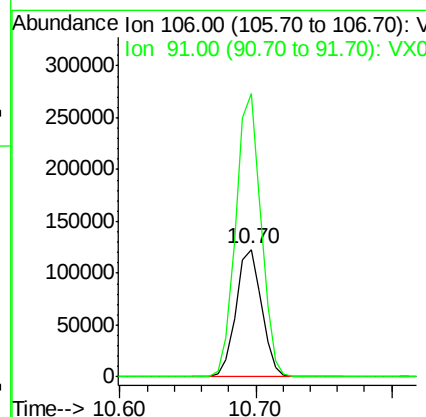
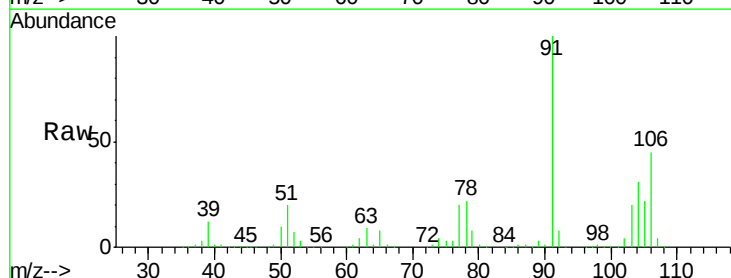
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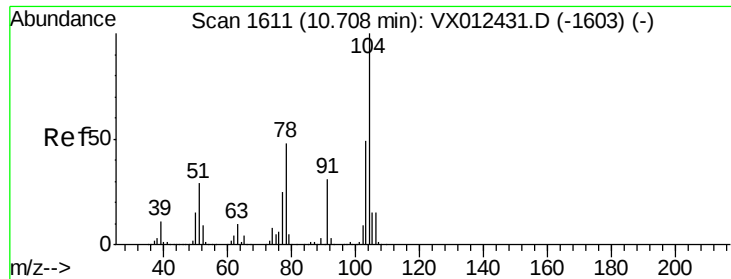
MMDadoda
9/20/2019 10:46:16 AM



#69
o-Xylene
Concen: 53.495 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012542.D
Acq: 19 Sep 2019 20:37

Tgt Ion:106 Resp: 160804
Ion Ratio Lower Upper
106 100
91 218.8 109.4 328.2





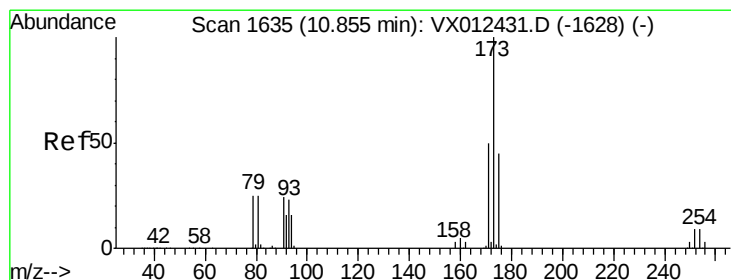
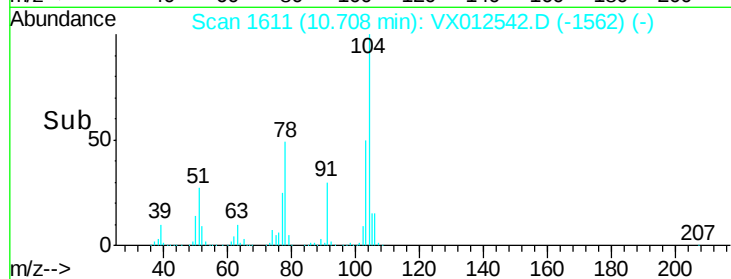
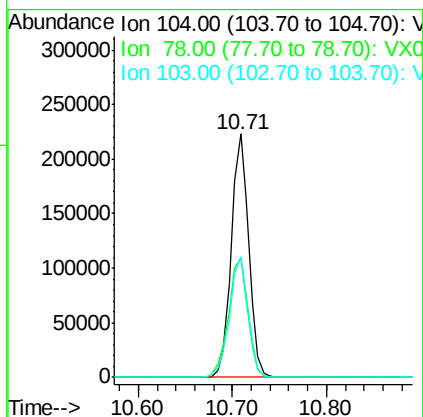
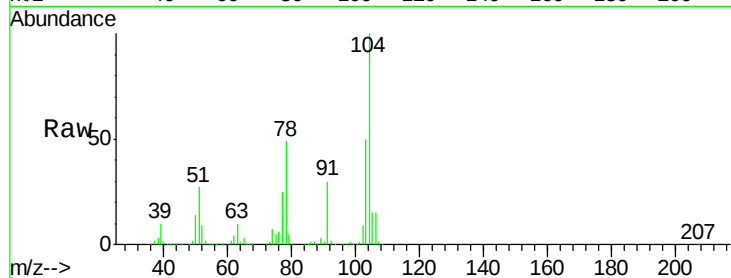
#70
Stvrene
Concen: 53.766 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX012542.D
Acq: 19 Sep 2019 20:37

Instrument :
MSVOA_X
ClientSampleId :
MW2-R2-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
104	100	285951		
78	54.4		43.4	65.2
103	53.6		43.3	64.9

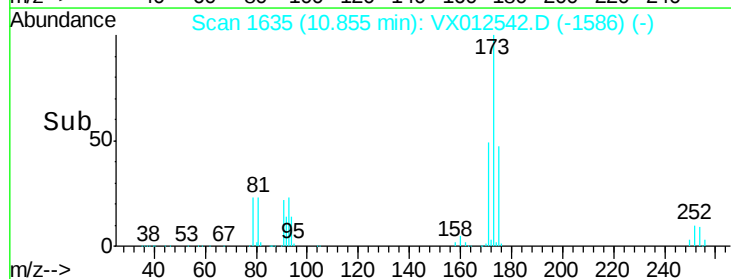
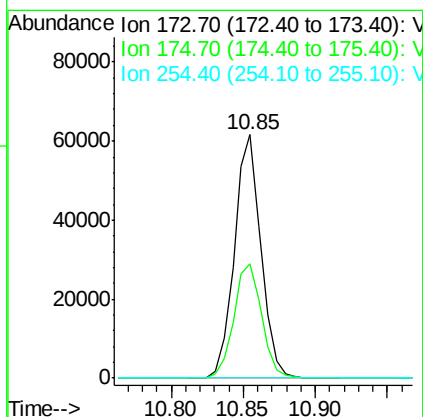
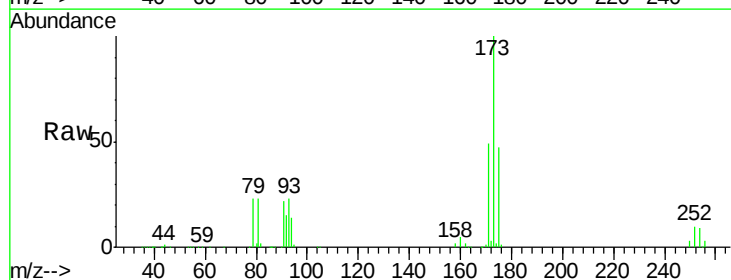
Manual Integrations
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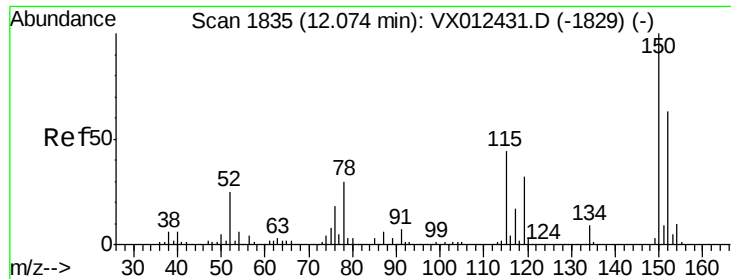
MMDadoda
9/20/2019 10:46:16 AM



#71
Bromoform
Concen: 47.469 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX012542.D
Acq: 19 Sep 2019 20:37

Tgt Ion	Ratio	Resp	Lower	Upper
173	100	79055		
175	49.2		23.7	71.1
254	0.1		0.1	0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012542.D

Acq: 19 Sep 2019 20:37

Instrument :

MSVOA_X

ClientSampleId :

MW2-R2-1MSD

Tot Ion:152 Resp: 132268

Ion Ratio Lower Upper

152 100

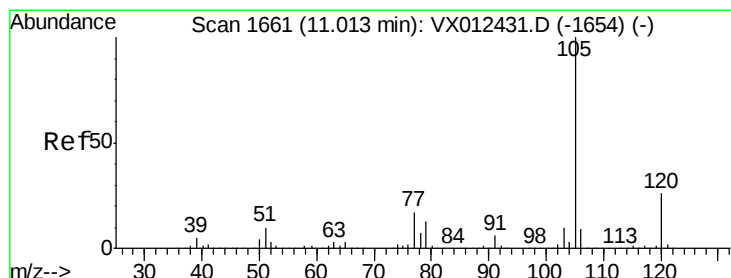
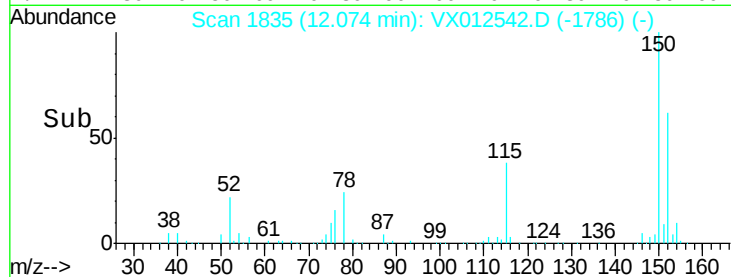
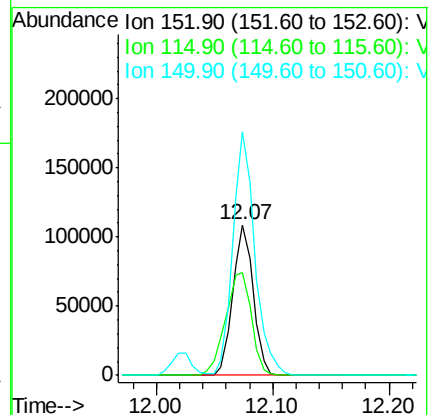
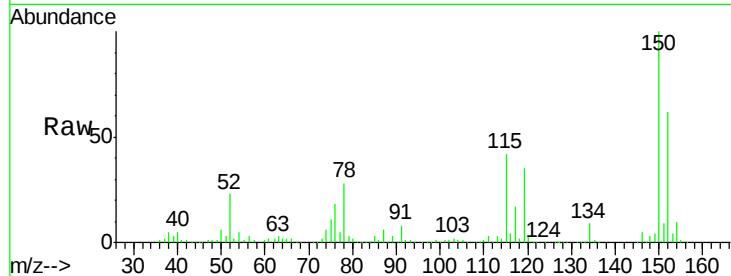
115 86.0 44.1 132.3

150 174.8 0.0 343.8

Manual Integrations
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#73

Isopropylbenzene

Concen: 53.480 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX012542.D

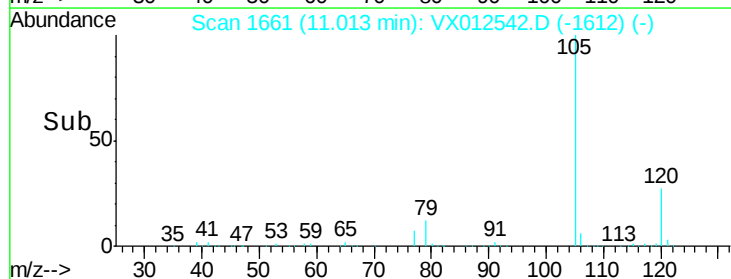
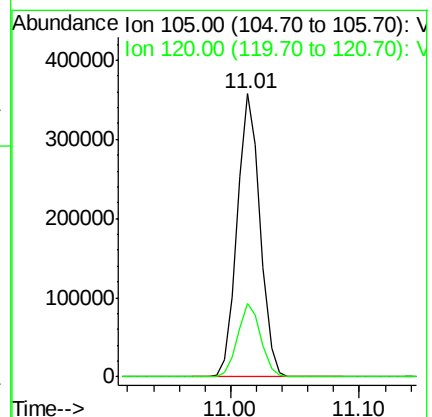
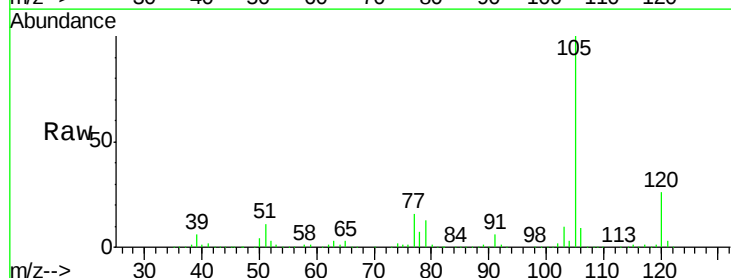
Acq: 19 Sep 2019 20:37

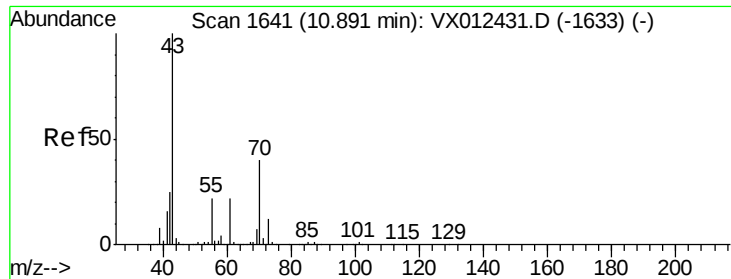
Tgt Ion:105 Resp: 443834

Ion Ratio Lower Upper

105 100

120 26.0 12.9 38.7





#74

N-amvl acetate

Concen: 52.750 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX012542.D

Acq: 19 Sep 2019 20:37

Instrument :

MSVOA_X

ClientSampleId :

MW2-R2-1MSD

Tot Ion: 43 Resp: 235692

Ion Ratio Lower Upper

43 100

70 40.4 32.4 48.6

55 23.3 18.2 27.4

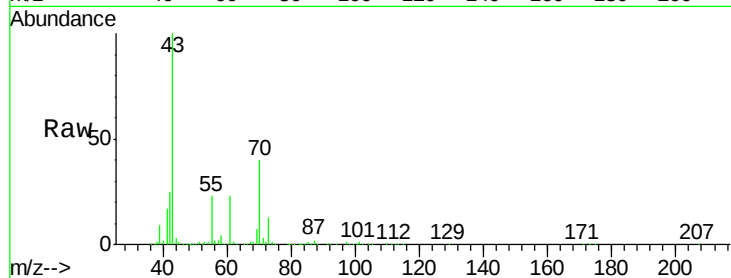
61 23.5 18.5 27.7

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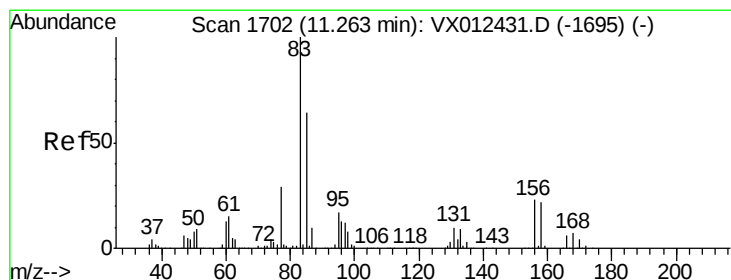
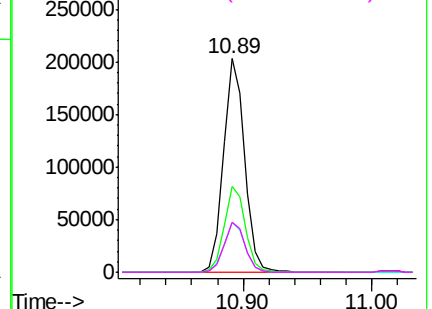
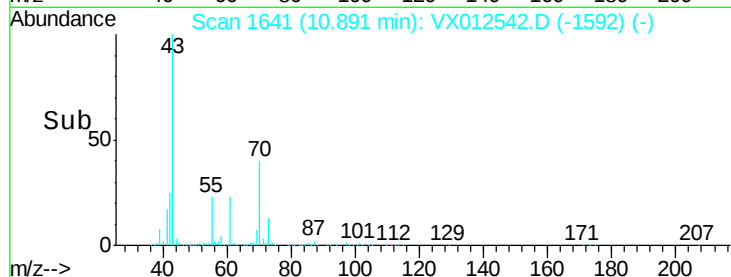


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 53.687 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX012542.D

Acq: 19 Sep 2019 20:37

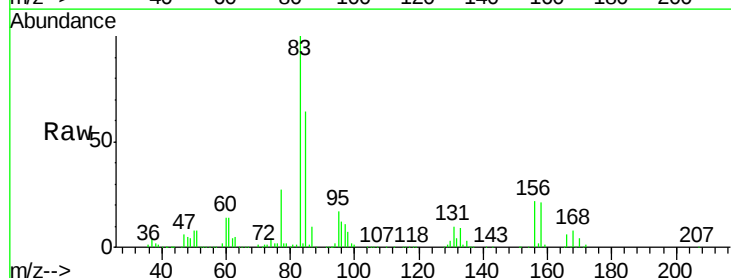
Tgt Ion: 83 Resp: 174779

Ion Ratio Lower Upper

83 100

131 10.0 5.2 15.6

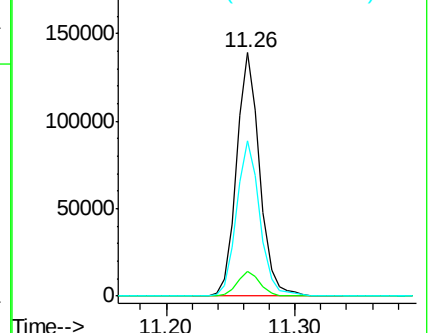
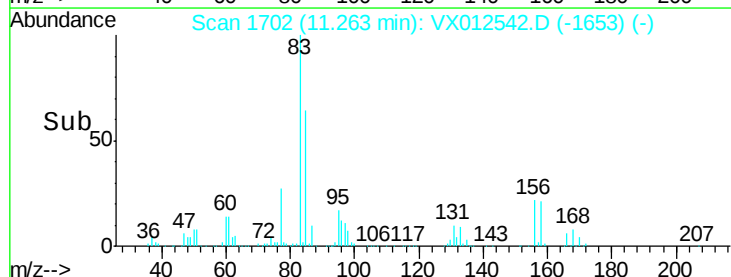
85 64.5 32.0 96.0

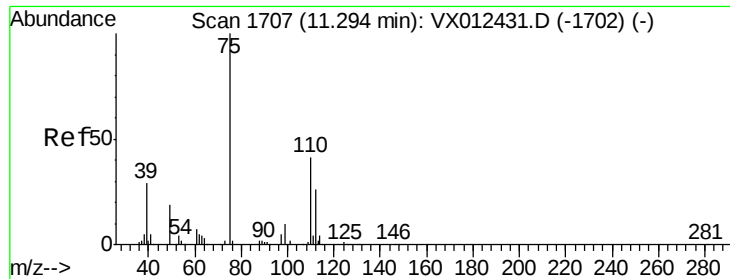


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





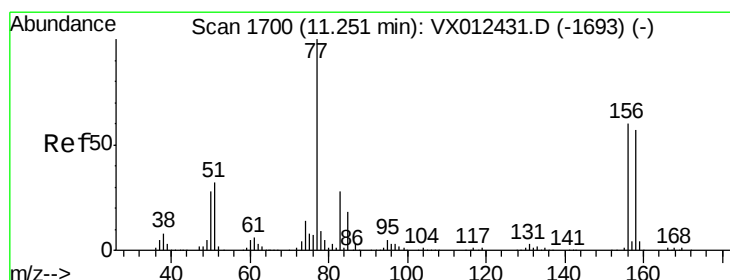
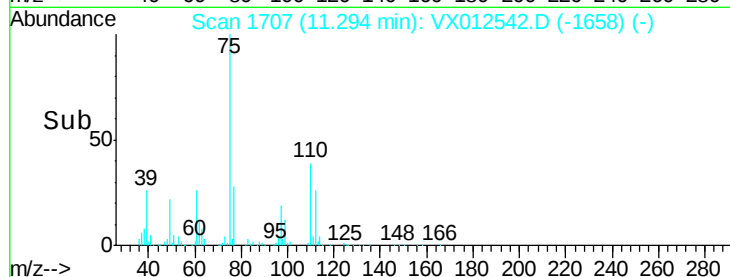
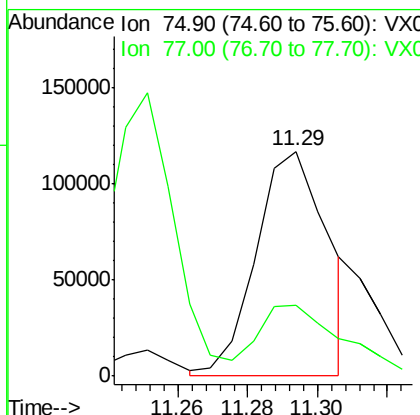
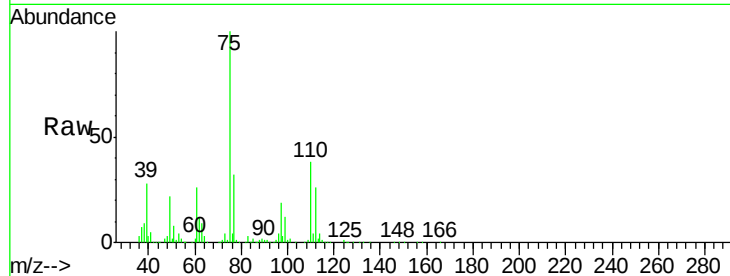
#76
 1,2,3-Trichloropropane
 Concen: 54.625 ug/l m
 RT: 11.29 min Scan# 1707
 Delta R.T. 0.00 min
 Lab File: VX012542.D
 Acq: 19 Sep 2019 20:37

Instrument :
 MSVOA_X
 ClientSampleId :
 MW2-R2-1MSD

Tot Ion	Ratio	Lower	Upper
75	100		
77	37.5	19.7	59.0

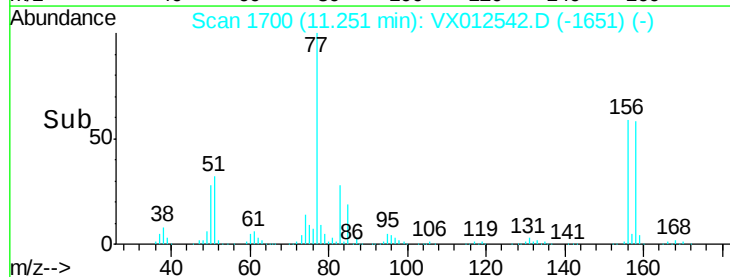
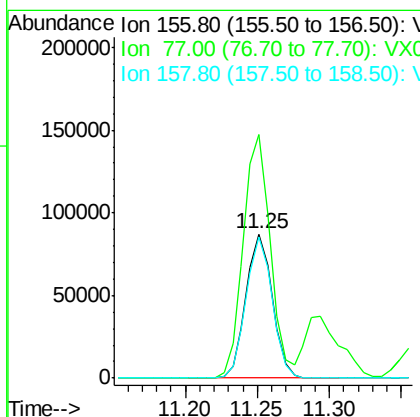
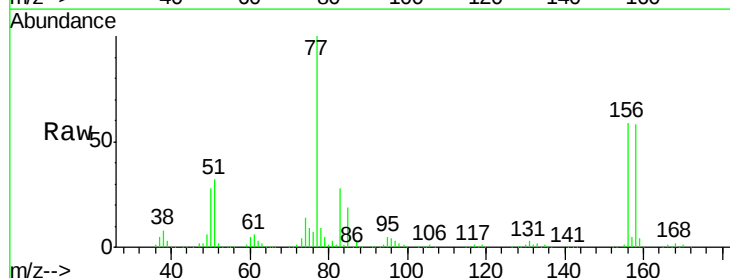
Manual Integrations
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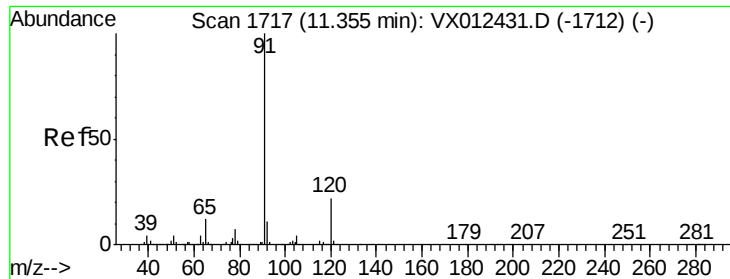
MMDadoda
 9/20/2019 10:46:16 AM



#77
 Bromobenzene
 Concen: 54.643 ug/l
 RT: 11.25 min Scan# 1700
 Delta R.T. 0.00 min
 Lab File: VX012542.D
 Acq: 19 Sep 2019 20:37

Tgt Ion	Ratio	Lower	Upper
156	100		
77	173.4	87.3	261.8
158	96.7	48.5	145.6





#78

n-propylbenzene

Concen: 52.767 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX012542.D

Acq: 19 Sep 2019 20:37

Instrument :

MSVOA_X

ClientSampleId :

MW2-R2-1MSD

Tot Ion: 91 Resp: 488073

Ion Ratio Lower Upper

91 100

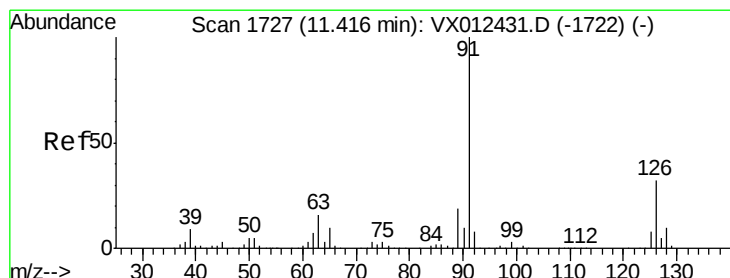
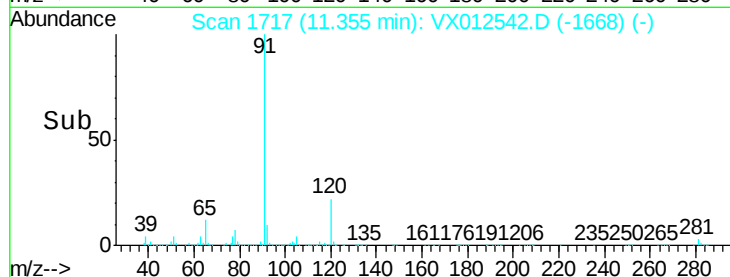
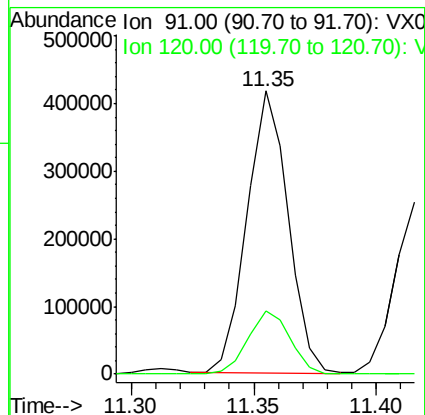
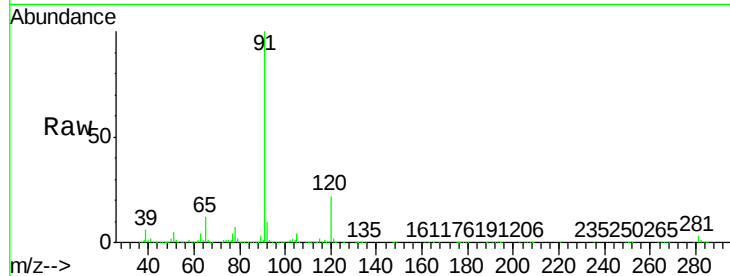
120 23.2 11.3 33.8

Manual Integrations

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#79

2-Chlorotoluene

Concen: 52.081 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX012542.D

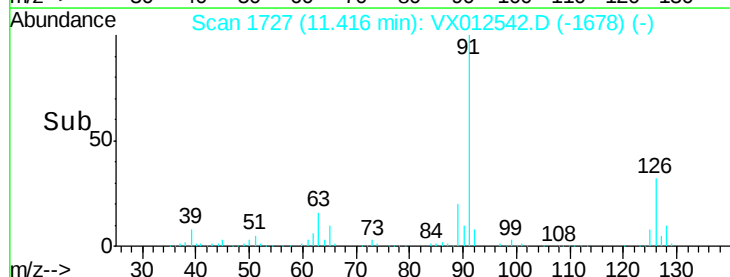
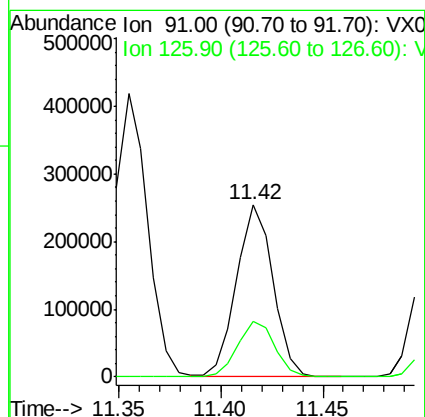
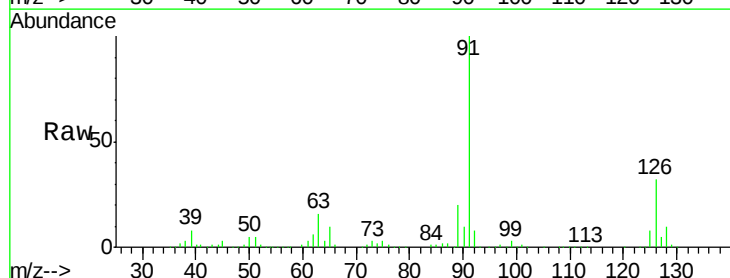
Acq: 19 Sep 2019 20:37

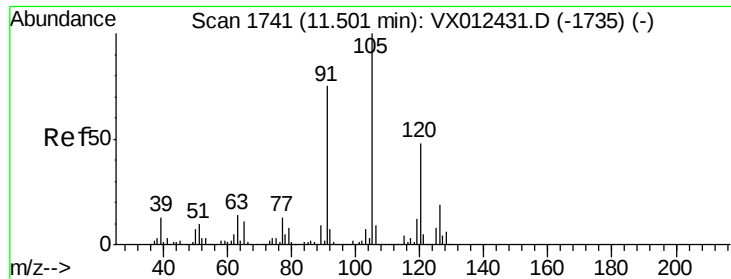
Tgt Ion: 91 Resp: 313391

Ion Ratio Lower Upper

91 100

126 32.7 16.4 49.4





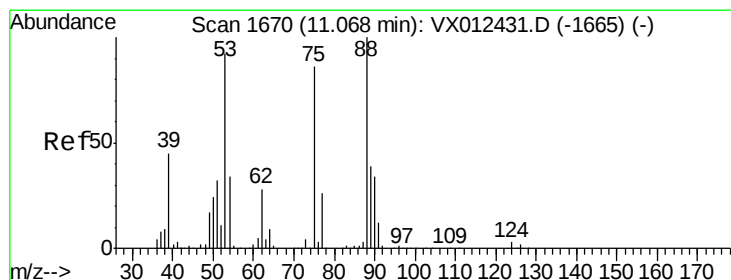
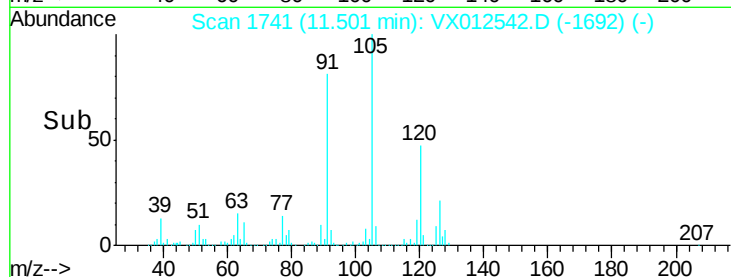
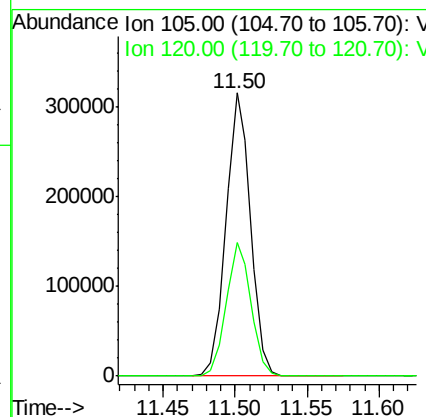
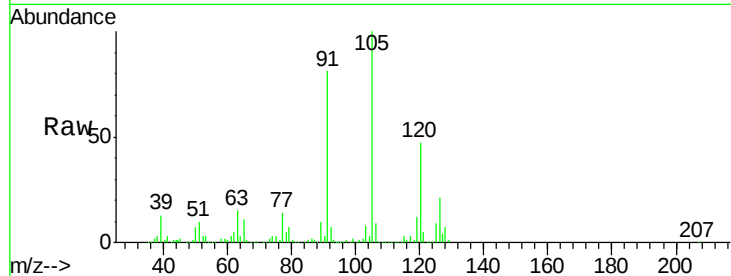
#80
 1,3,5-Trimethylbenzene
 Concen: 53.413 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX012542.D
 Acq: 19 Sep 2019 20:37

Instrument :
 MSVOA_X
 ClientSampleId :
 MW2-R2-1MSD

Tot Ion	Ratio	Lower	Upper
105	100		
120	47.8	24.3	72.8

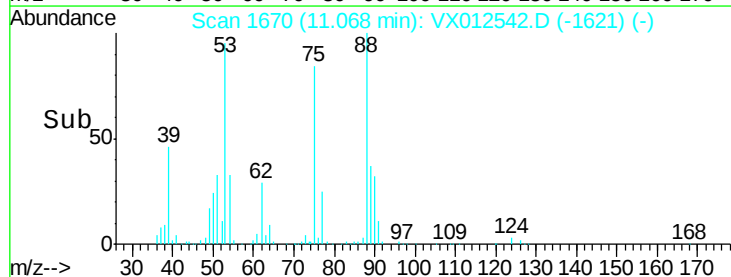
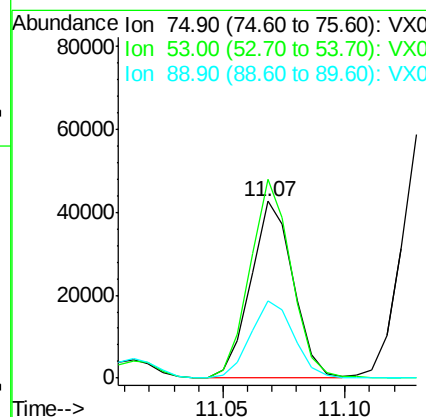
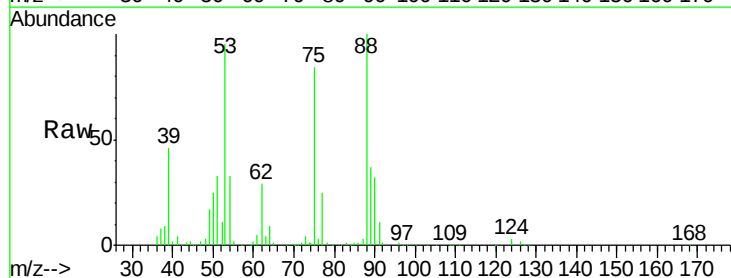
Manual Integrations
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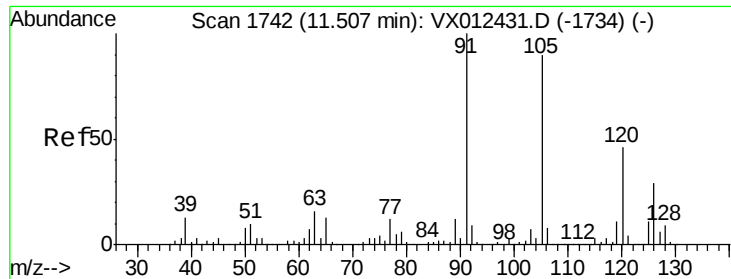
MMDadoda
 9/20/2019 10:46:16 AM



#81
 trans-1,4-Dichloro-2-butene
 Concen: 46.781 ug/l
 RT: 11.07 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: VX012542.D
 Acq: 19 Sep 2019 20:37

Tgt Ion	Ratio	Lower	Upper
75	100		
53	109.3	83.6	125.4
89	45.4	36.3	54.5





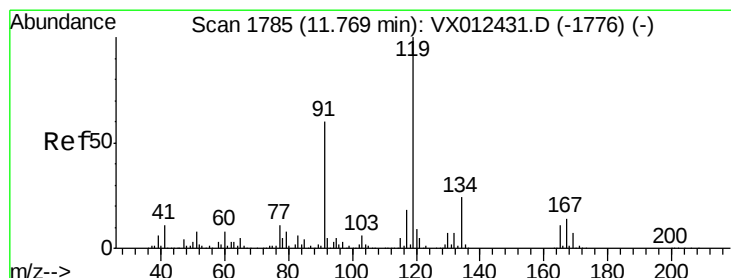
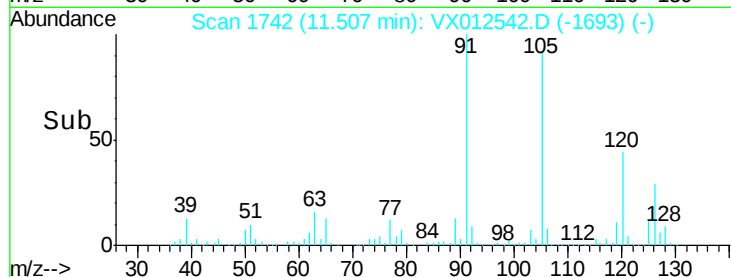
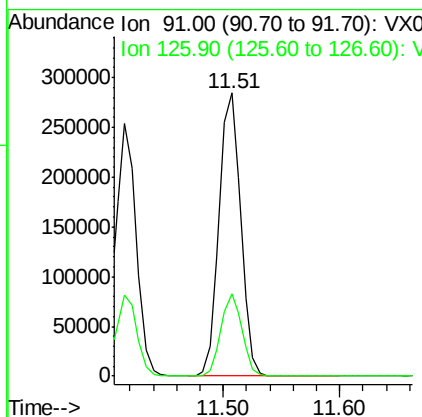
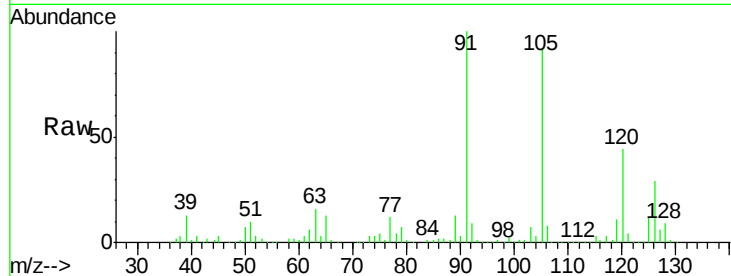
#82
4-Chlorotoluene
Concen: 52.750 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX012542.D
Acq: 19 Sep 2019 20:37

Instrument :
MSVOA_X
ClientSampleId :
MW2-R2-1MSD

Tot Ion: 91 Resp: 364298
Ion Ratio Lower Upper
91 100
126 28.3 14.4 43.0

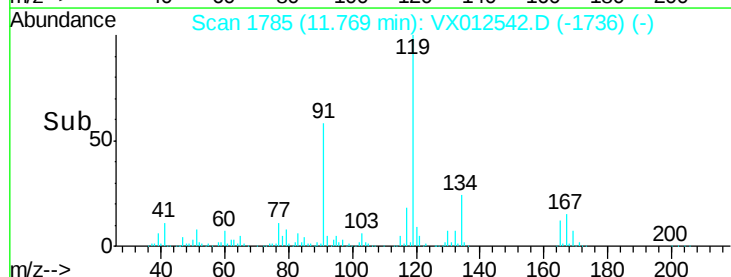
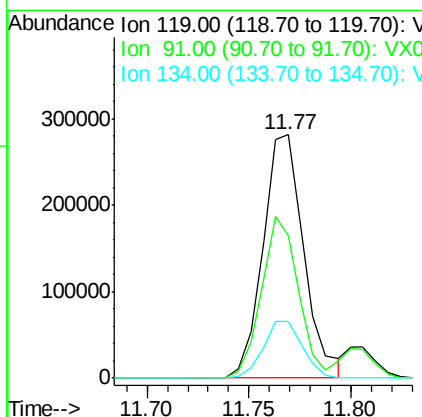
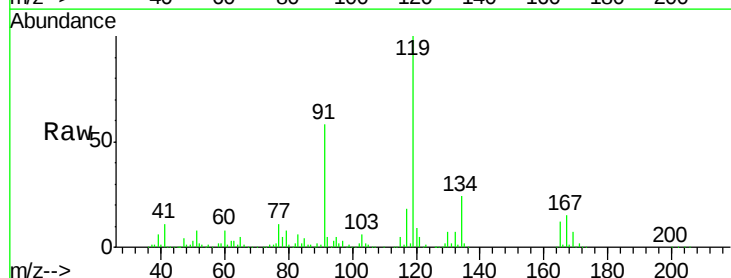
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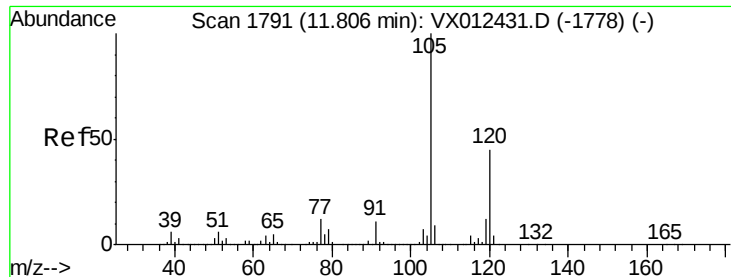
MMDadoda
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#83
tert-Butylbenzene
Concen: 51.731 ug/l
RT: 11.77 min Scan# 1785
Delta R.T. 0.00 min
Lab File: VX012542.D
Acq: 19 Sep 2019 20:37

Tgt Ion: 119 Resp: 392332
Ion Ratio Lower Upper
119 100
91 60.0 30.0 90.0
134 22.8 11.3 33.9





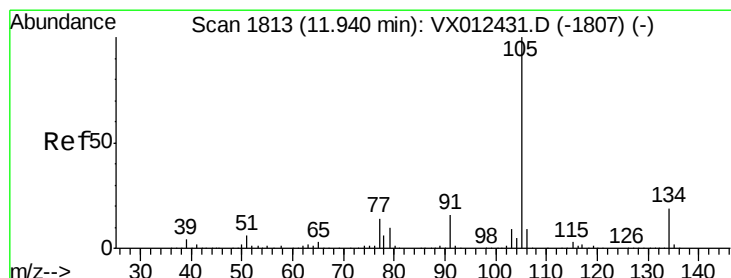
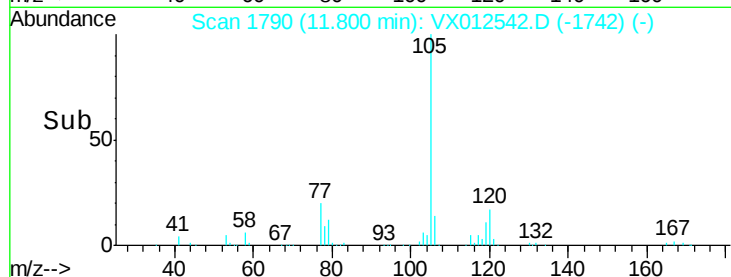
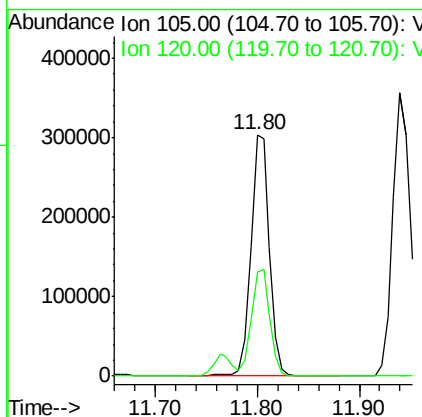
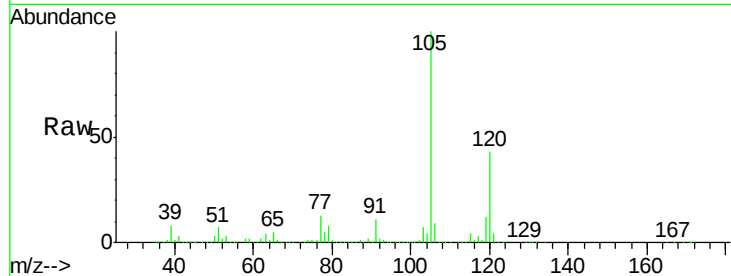
#84
 1,2,4-Trimethylbenzene
 Concen: 52.928 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: VX012542.D
 Acq: 19 Sep 2019 20:37

Instrument :
 MSVOA_X
 ClientSampleId :
 MW2-R2-1MSD

Tot Ion	Ratio	Lower	Upper
105	100		
120	44.2	22.2	66.6

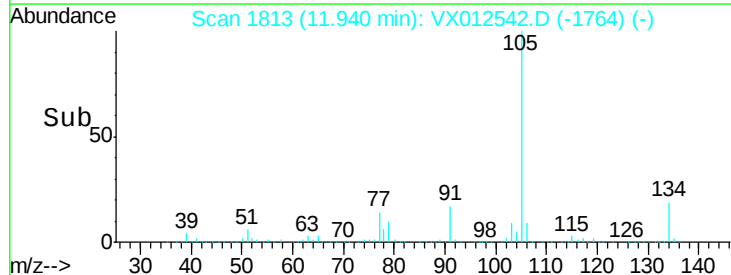
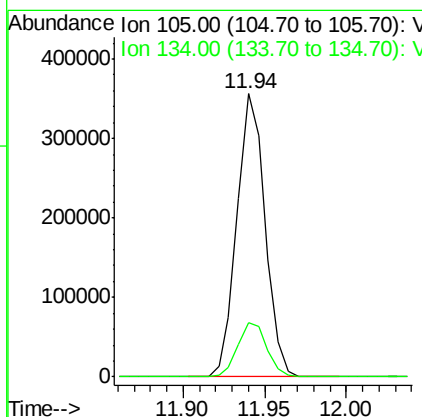
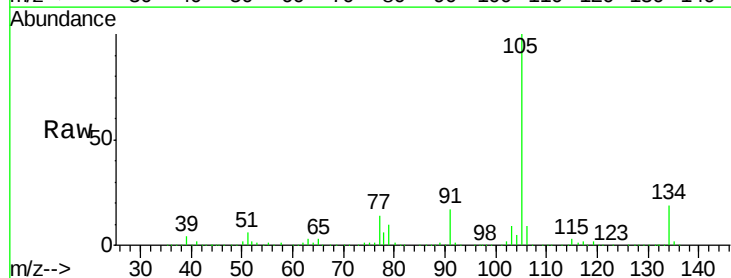
Manual Integrations
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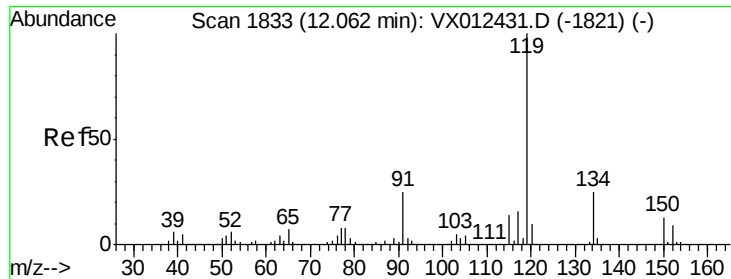
MMDadoda
 9/20/2019 10:46:16 AM



#85
 sec-Butylbenzene
 Concen: 51.434 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX012542.D
 Acq: 19 Sep 2019 20:37

Tgt Ion	Ratio	Lower	Upper
105	100		
134	19.8	9.8	29.4





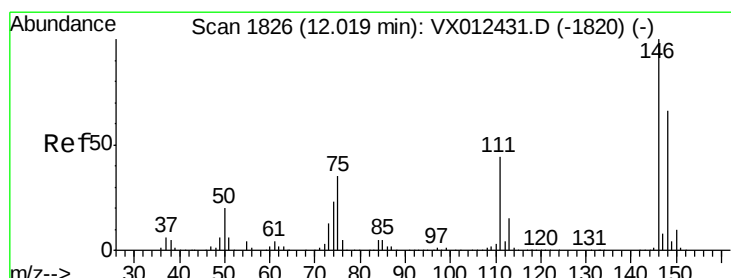
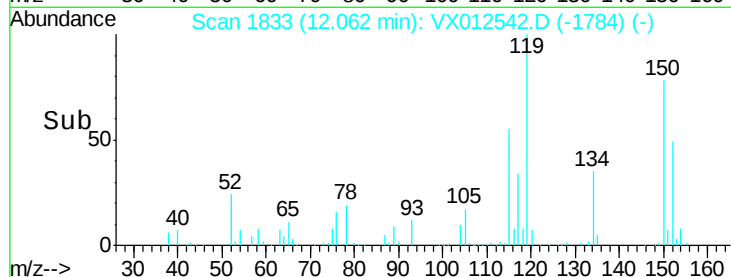
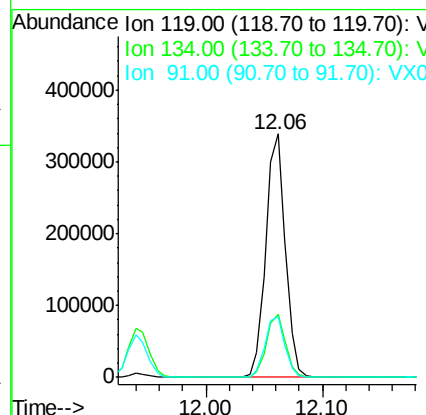
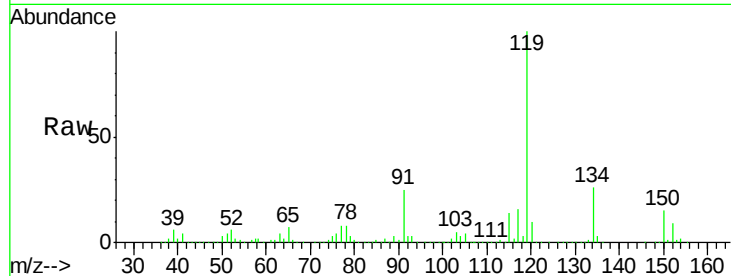
#86
p-Isopropyltoluene
Concen: 51.786 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX012542.D
Acq: 19 Sep 2019 20:37

Instrument :
MSVOA_X
ClientSampleId :
MW2-R2-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
119	100	397405		
134	25.5	12.7	38.1	
91	25.4	12.8	38.4	

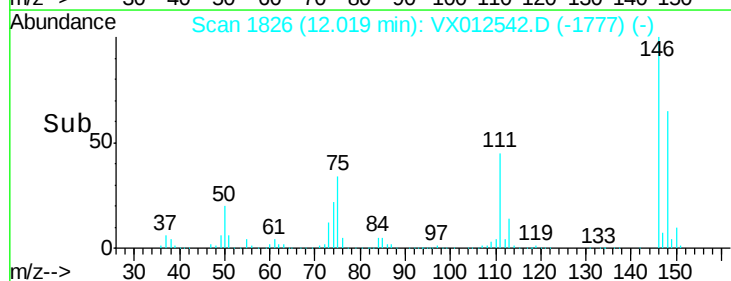
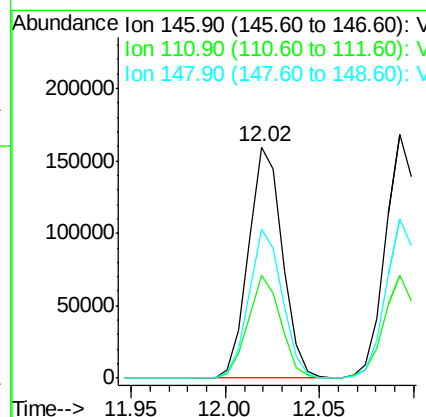
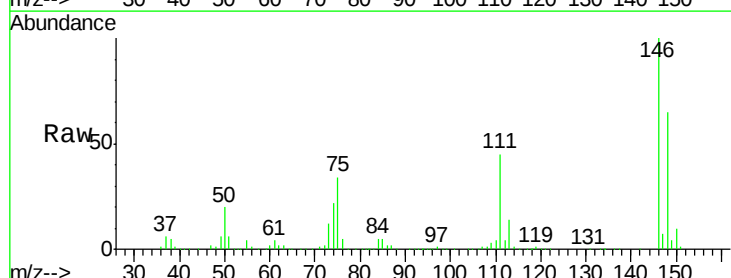
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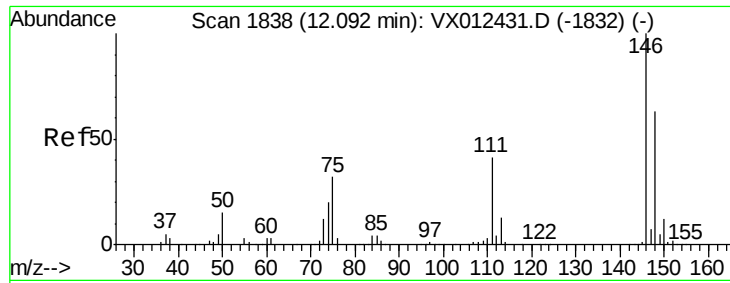
MMDadoda
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#87
1,3-Dichlorobenzene
Concen: 52.399 ug/l
RT: 12.02 min Scan# 1826
Delta R.T. 0.00 min
Lab File: VX012542.D
Acq: 19 Sep 2019 20:37

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	199497		
111	43.0	21.3	64.0	
148	63.6	32.4	97.2	





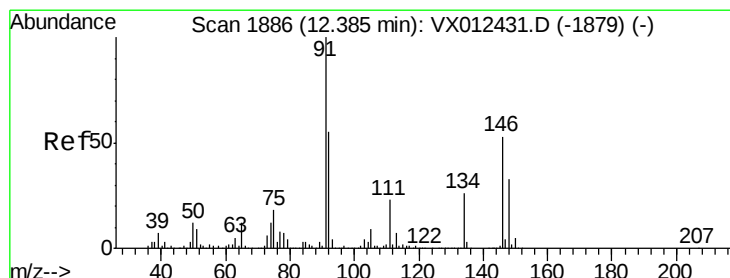
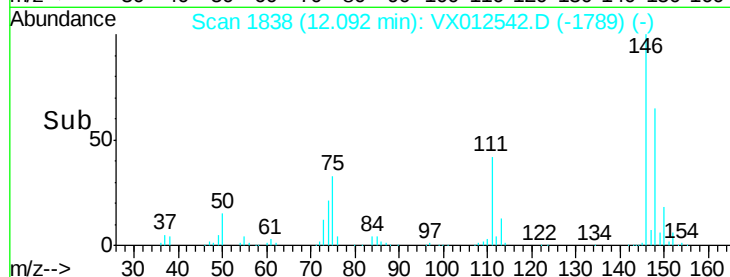
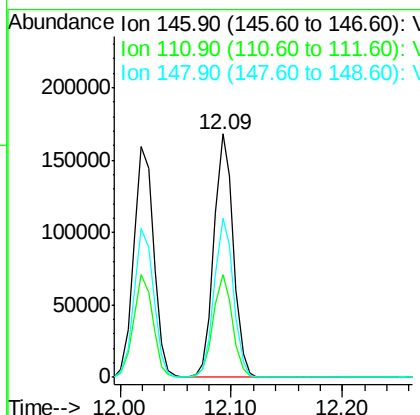
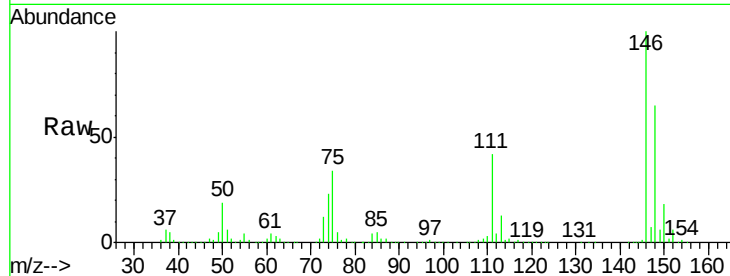
#88
 1,4-Dichlorobenzene
 Concen: 51.762 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX012542.D
 Acq: 19 Sep 2019 20:37

Instrument :
 MSVOA_X
 ClientSampled :
 MW2-R2-1MSD

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.2	21.1	63.3
148	64.9	32.1	96.5

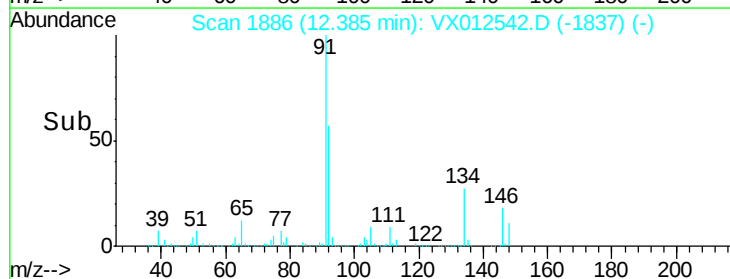
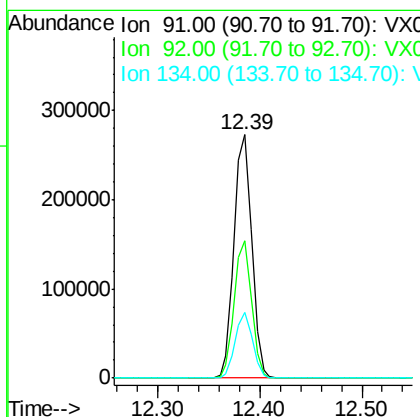
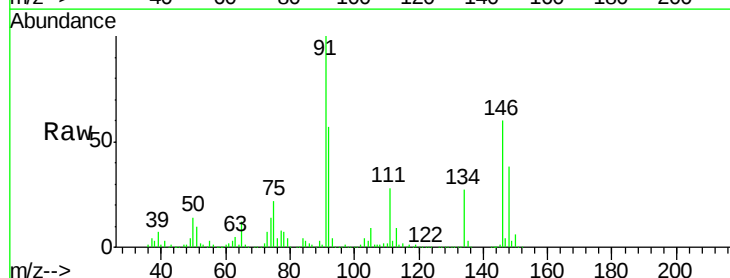
Manual Integrations
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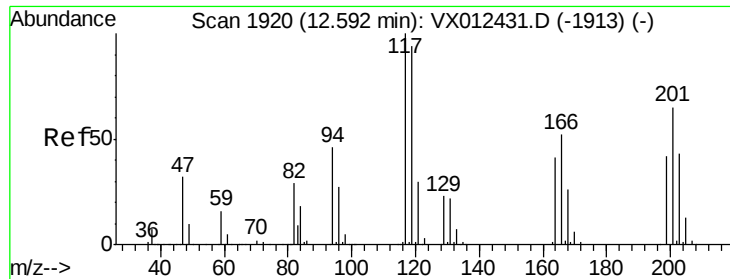
MMDadoda
 9/20/2019 10:46:16 AM



#89
 n-Butylbenzene
 Concen: 47.624 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX012542.D
 Acq: 19 Sep 2019 20:37

Tgt Ion	Ratio	Lower	Upper
91	100		
92	55.4	27.7	83.0
134	26.2	12.9	38.6





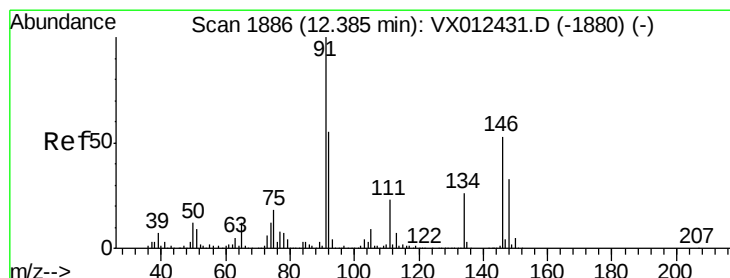
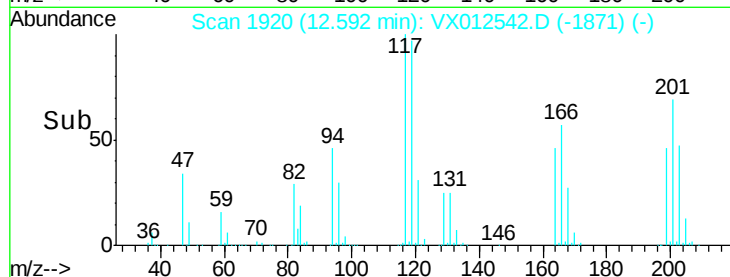
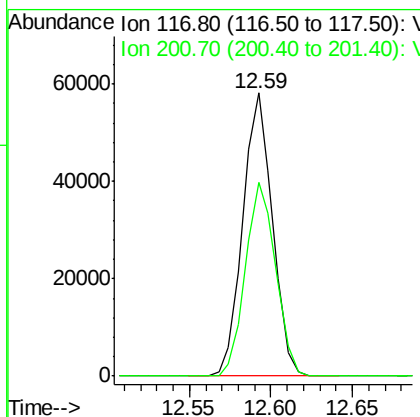
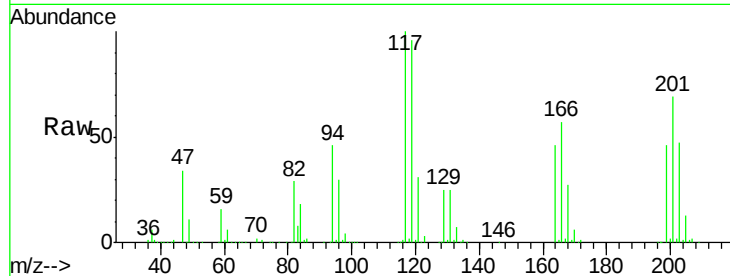
#90
Hexachloroethane
Concen: 52.339 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX012542.D
Acq: 19 Sep 2019 20:37

Instrument :
MSVOA_X
ClientSampleId :
MW2-R2-1MSD

Tot Ion:117 Resp: 73645
Ion Ratio Lower Upper
117 100
201 69.9 33.3 99.8

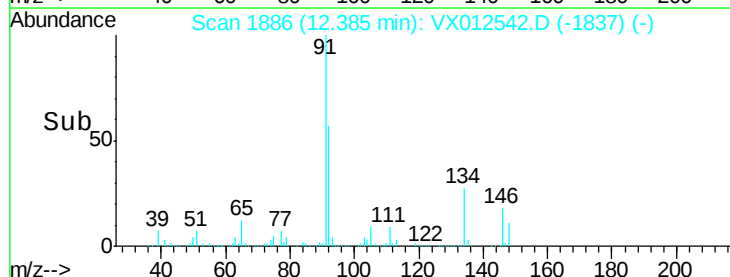
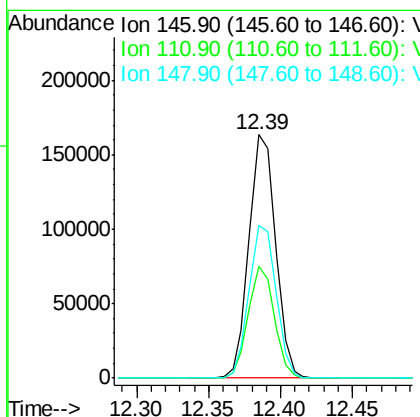
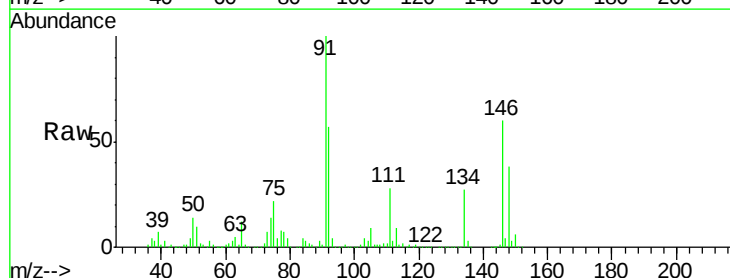
Manual Integrations
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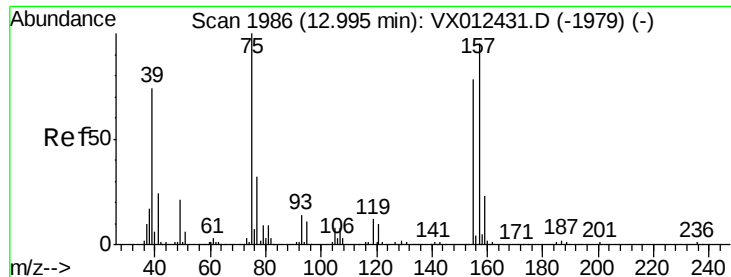
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#91
1,2-Dichlorobenzene
Concen: 52.615 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX012542.D
Acq: 19 Sep 2019 20:37

Tgt Ion:146 Resp: 209372
Ion Ratio Lower Upper
146 100
111 44.6 22.1 66.1
148 63.6 31.3 93.9





#92

1,2-Dibromo-3-Chloropropane

Concen: 55.458 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX012542.D

Acq: 19 Sep 2019 20:37

Instrument :

MSVOA_X

ClientSampleId :

MW2-R2-1MSD

Tot Ion: 75 Resp: 46807

Ion Ratio Lower Upper

75 100

155 76.0 38.6 115.8

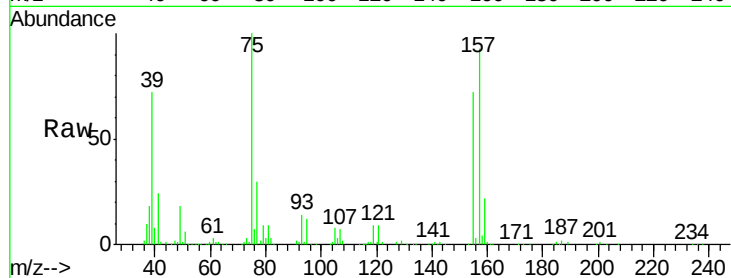
157 99.5 50.6 151.9

Manual Integrations

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MMDadoda

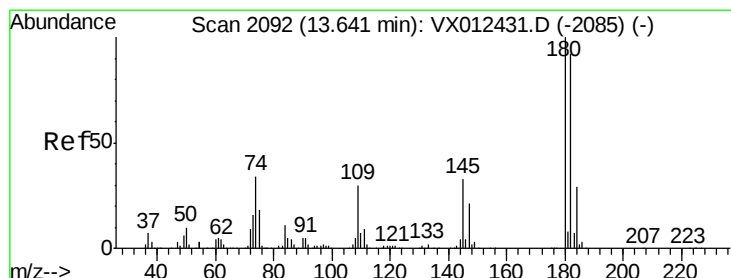
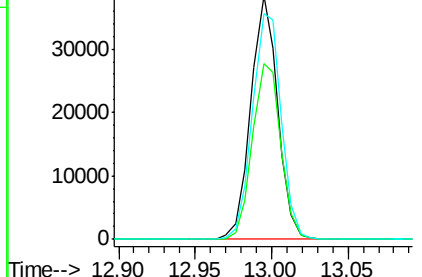
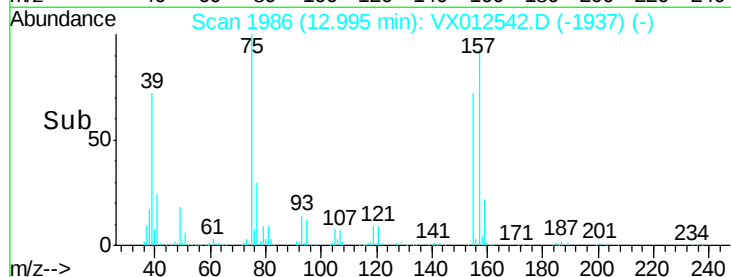
9/20/2019 10:46:16 AM



Abundance Ion 74.90 (74.60 to 75.60): VX012542.D (-1937) (-)

Ion 154.80 (154.50 to 155.50): VX012542.D (-1937) (-)

Ion 156.80 (156.50 to 157.50): VX012542.D (-1937) (-)



#93

1,2,4-Trichlorobenzene

Concen: 50.910 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. 0.00 min

Lab File: VX012542.D

Acq: 19 Sep 2019 20:37

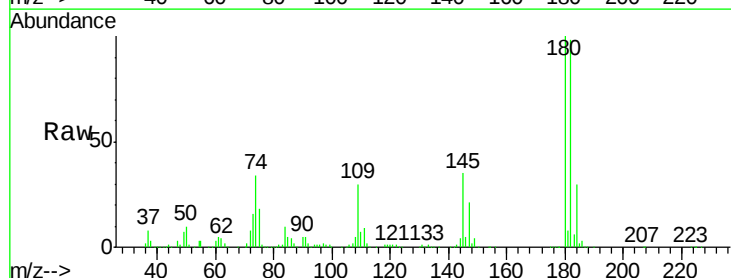
Tgt Ion: 180 Resp: 130490

Ion Ratio Lower Upper

180 100

182 96.6 47.0 141.0

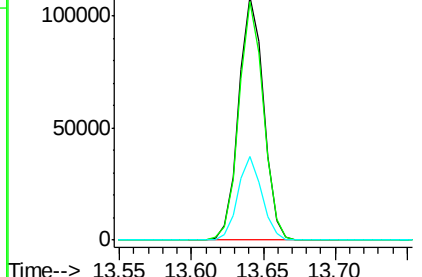
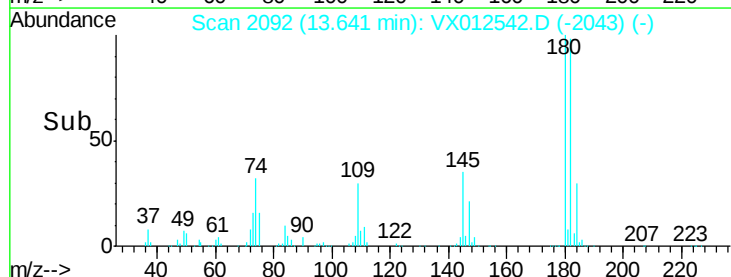
145 33.3 16.8 50.4

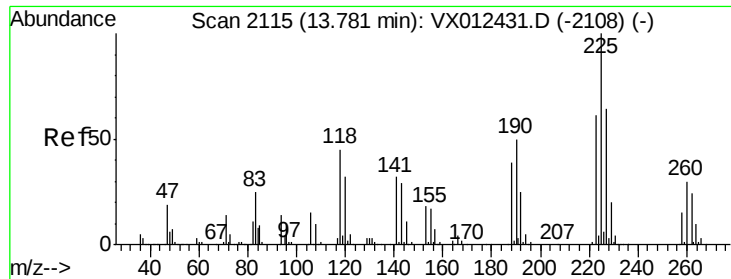


Abundance Ion 179.80 (179.50 to 180.50): VX012542.D (-2043) (-)

Ion 181.80 (181.50 to 182.50): VX012542.D (-2043) (-)

Ion 144.80 (144.50 to 145.50): VX012542.D (-2043) (-)





#94

Hexachlorobutadiene

Concen: 42.252 ug/l

RT: 13.78 min Scan# 2115

Delta R.T. 0.00 min

Lab File: VX012542.D

Acq: 19 Sep 2019 20:37

Instrument :

MSVOA_X

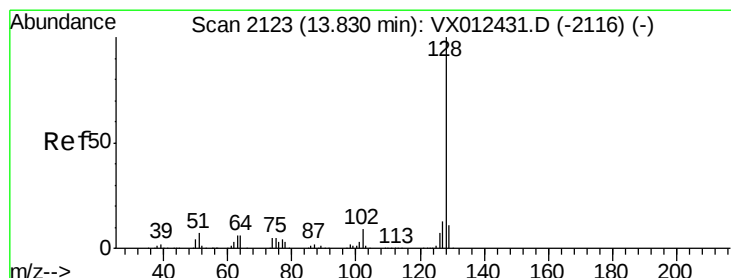
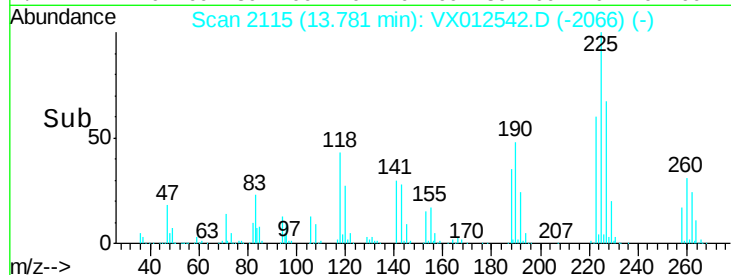
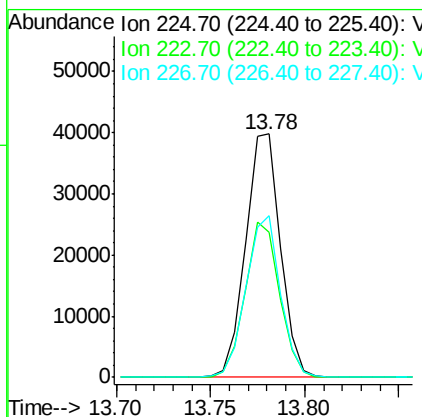
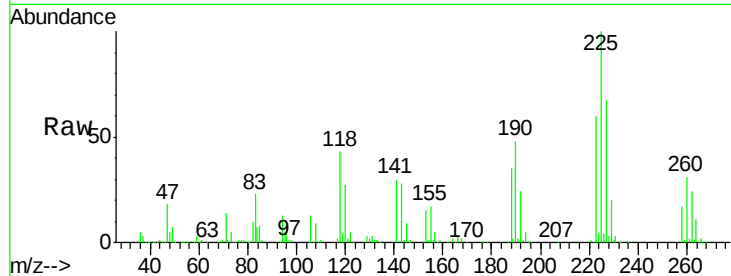
ClientSampleId :

MW2-R2-1MSD

Tot Ion:	225	Resp:	51043
Ion Ratio	Lower	Upper	
225	100		
223	62.9	32.0	96.2
227	65.4	31.9	95.5

Manual Integrations
APPROVED

MMDadoda
9/20/2019 10:46:16 AM



#95

Naphthalene

Concen: 54.504 ug/l

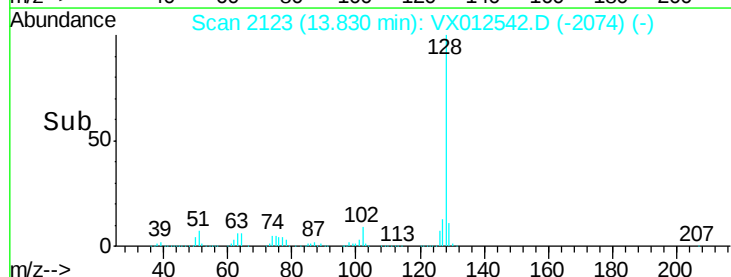
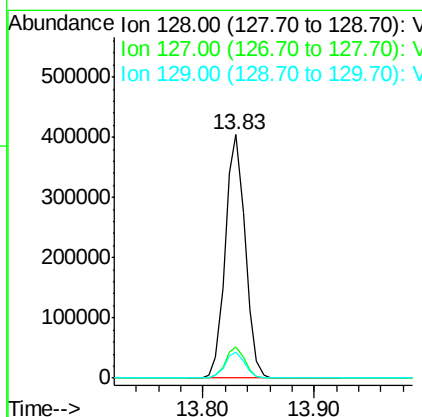
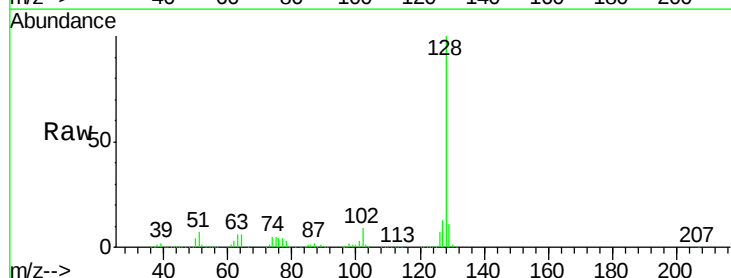
RT: 13.83 min Scan# 2123

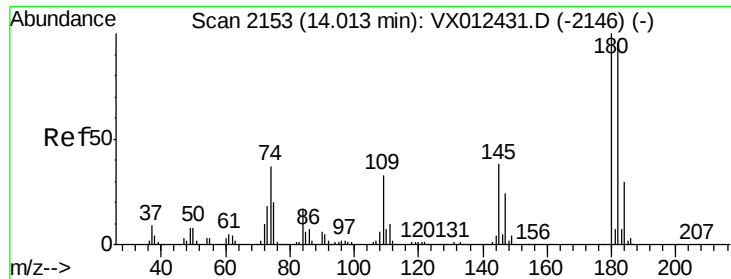
Delta R.T. 0.00 min

Lab File: VX012542.D

Acq: 19 Sep 2019 20:37

Tgt Ion:	128	Resp:	497090
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.2	15.4
129	10.9	8.8	13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 53.570 ug/l
 RT: 14.01 min Scan# 2153
 Delta R.T. 0.00 min
 Lab File: VX012542.D
 Acq: 19 Sep 2019 20:37

Instrument :
 MSVOA_X
 ClientSampleId :
 MW2-R2-1MSD

Tot Ion:	180	Resp:	139920
Ion Ratio	Lower	Upper	
180	100		
182	92.3	47.1	141.3
145	35.3	18.0	54.0

Manual Integrations
 APPROVED

MMDadoda
 9/20/2019 10:46:16 AM

