

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102519\
 Data File : VX013233.D
 Acq On : 25 Oct 2019 16:04
 Operator : JC/SP
 Sample : K5546-02MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GW809-8.0-13.0-102419MS

Manual Integrations
 APPROVED

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 10/28/2019 12:52:57 PM

Quant Time: Oct 26 00:40:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102419W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 24 03:56:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	78307	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	111787	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	114698	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	76927	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	84256	51.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.88%	
35) Dibromofluoromethane	5.49	113	64788	51.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.94%	
50) Toluene-d8	8.71	98	230562	49.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.82%	
62) 4-Bromofluorobenzene	11.14	95	88916	48.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	69427	43.939	ug/l	98
3) Chloromethane	1.32	50	60378	46.471	ug/l	96
4) Vinyl Chloride	1.40	62	63940	44.965	ug/l	98
5) Bromomethane	1.63	94	32442	43.043	ug/l	98
6) Chloroethane	1.71	64	40373	50.773	ug/l	96
7) Trichlorofluoromethane	1.92	101	110207	49.120	ug/l	99
8) Diethyl Ether	2.18	74	37400	48.598	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	61263	44.085	ug/l	97
10) Methyl Iodide	2.50	142	82912	47.545	ug/l	99
11) Tert butyl alcohol	3.03	59	89122	250.830	ug/l	100
12) 1,1-Dichloroethene	2.36	96	63119	47.317	ug/l	96
13) Acrolein	2.28	56	50136	260.907	ug/l	98
14) Allyl chloride	2.72	41	96866	46.125	ug/l	98
15) Acrylonitrile	3.13	53	178904	247.817	ug/l	99
16) Acetone	2.44	43	160134	207.531	ug/l	95
17) Carbon Disulfide	2.56	76	153990	42.938	ug/l	99
18) Methyl Acetate	2.77	43	83624	49.640	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	236006	50.241	ug/l	98
20) Methylene Chloride	2.84	84	72546	50.275	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	67297	48.501	ug/l	92
22) Diisopropyl ether	3.84	45	195834	47.692	ug/l	96
23) Vinyl Acetate	3.80	43	863215	247.329	ug/l	100
24) 1,1-Dichloroethane	3.69	63	123971	49.083	ug/l	99
25) 2-Butanone	4.65	43	241511	233.386	ug/l	97
26) 2,2-Dichloropropane	4.57	77	104199	44.639	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	77887	47.676	ug/l	99
28) Bromochloromethane	5.00	49	34513	52.994	ug/l	97
29) Tetrahydrofuran	5.12	42	150438	241.184	ug/l	99
30) Chloroform	5.20	83	135224	50.285	ug/l	97
31) Cyclohexane	5.57	56	94492	44.611	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	121892	50.979	ug/l	100
36) 1,1-Dichloropropene	5.79	75	92788	49.586	ug/l	100
37) Ethyl Acetate	4.82	43	92735	49.781	ug/l	99
38) Carbon Tetrachloride	5.78	117	103440	50.062	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	97526	40.752	ug/l	99
40) Benzene	6.14	78	273948	48.789	ug/l	98
41) Methacrylonitrile	5.03	41	52223	52.289	ug/l	99
42) 1,2-Dichloroethane	6.18	62	110100	52.007	ug/l	100
43) Isopropyl Acetate	6.44	43	154280	49.882	ug/l	100
44) Trichloroethene	7.20	130	76764	48.170	ug/l	97
45) 1,2-Dichloropropane	7.51	63	67482	47.984	ug/l	98
46) Dibromomethane	7.65	93	49930	49.279	ug/l	99
47) Bromodichloromethane	7.89	83	102823	52.074	ug/l	99
48) Methyl methacrylate	7.76	41	77606	50.767	ug/l	99
49) 1,4-Dioxane	7.73	88	38067	978.418	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	478496	253.814	ug/l	99
52) Toluene	8.78	92	177141	47.604	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	110845	52.826	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	117087	51.009	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	74649	50.741	ug/l	99
56) Ethyl methacrylate	9.17	69	116015	52.395	ug/l	100
57) 1,3-Dichloropropane	9.37	76	123177	49.622	ug/l	99
59) 2-Hexanone	9.49	43	370995	255.476	ug/l	98
60) Dibromochloromethane	9.58	129	81613	52.941	ug/l	98
61) 1,2-Dibromoethane	9.67	107	79651	50.999	ug/l	100
64) Tetrachloroethene	9.33	164	73848	52.269	ug/l	98
65) Chlorobenzene	10.14	112	188540	46.958	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	75444	50.865	ug/l	99
67) Ethyl Benzene	10.25	91	345458	48.061	ug/l	98
68) m/p-Xylenes	10.36	106	257425	94.766	ug/l	99
69) o-Xylene	10.70	106	125844	48.293	ug/l	99
70) Styrene	10.71	104	217365	48.443	ug/l	99
71) Bromoform	10.86	173	58769	54.227	ug/l	98
73) Isopropylbenzene	11.01	105	340802	48.786	ug/l	99
74) N-amyl acetate	10.89	43	128869	50.262	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	110140	51.925	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	89222m	48.122	ug/l	
77) Bromobenzene	11.25	156	83452	49.843	ug/l	98
78) n-propylbenzene	11.35	91	368023	48.500	ug/l	100
79) 2-Chlorotoluene	11.42	91	228675	47.696	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	289230	49.812	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	32663	48.410	ug/l	93
82) 4-Chlorotoluene	11.51	91	272799	50.218	ug/l	97
83) tert-Butylbenzene	11.76	119	278490	48.478	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	298419	50.953	ug/l	100
85) sec-Butylbenzene	11.94	105	306514	46.886	ug/l	100
86) p-Isopropyltoluene	12.06	119	285208	46.438	ug/l	97
87) 1,3-Dichlorobenzene	12.02	146	143570	47.466	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	145513	47.251	ug/l	99
89) n-Butylbenzene	12.39	91	232150	46.207	ug/l	98
90) Hexachloroethane	12.59	117	51025	49.610	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	148294	49.858	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	12.99	75	28577	54.177	ug/l	98
93) 1,2,4-Trichlorobenzene	13.64	180	84513	45.124	ug/l	94

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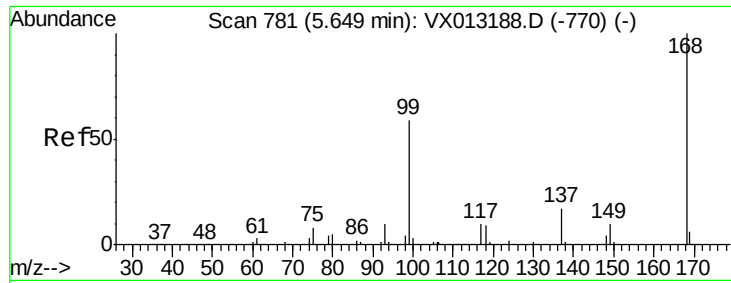
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	39880	41.163	ug/l	95
95) Naphthalene	13.83	128	283730	49.360	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	90439	48.867	ug/l	96

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



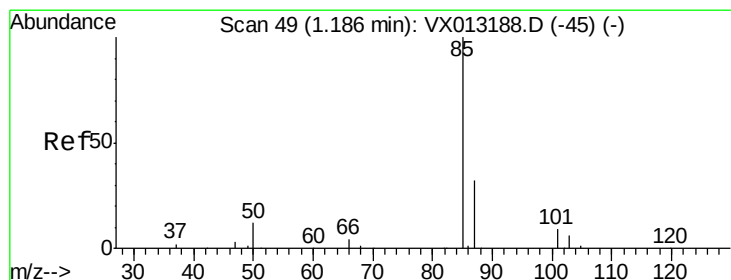
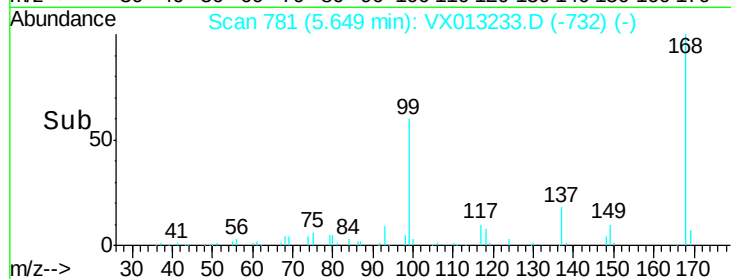
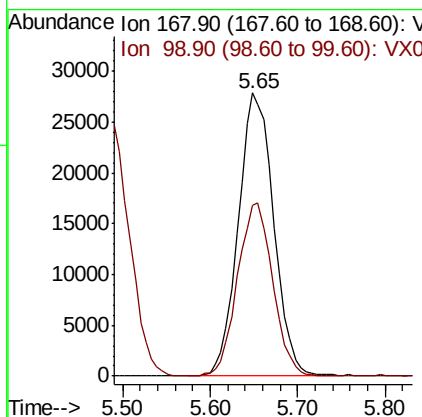
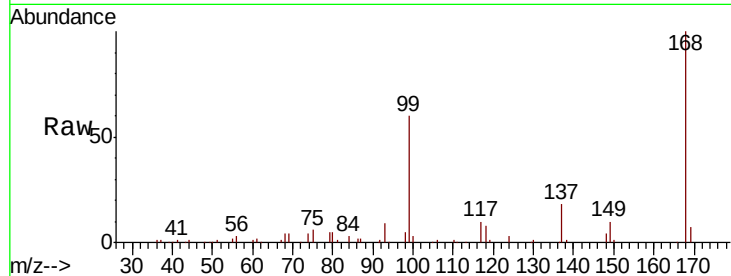
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. 0.00 min
Lab File: VX013233.D
Acq: 25 Oct 2019 16:04

Instrument :
MSVOA_X
ClientSampleId :
GW809-8.0-13.0-102419MS

Tot Ion:168 Resp: 78307
Ion Ratio Lower Upper
168 100
99 60.3 47.0 70.4

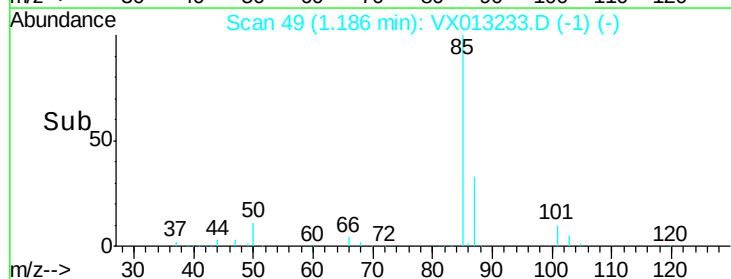
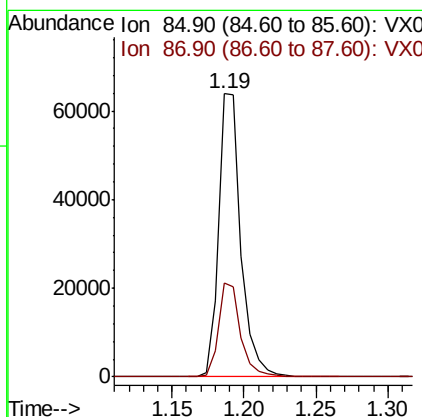
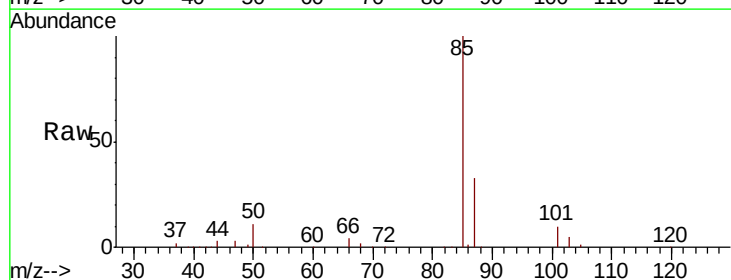
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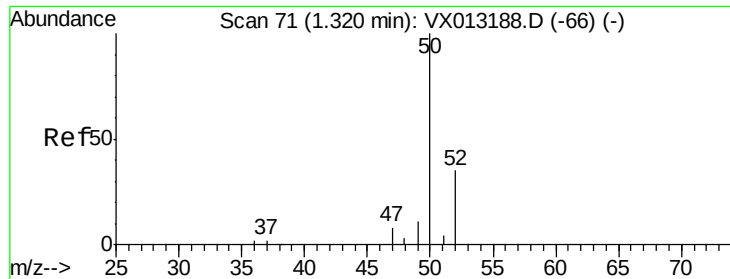
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#2
Dichlorodifluoromethane
Concen: 43.939 ug/l
RT: 1.19 min Scan# 49
Delta R.T. 0.00 min
Lab File: VX013233.D
Acq: 25 Oct 2019 16:04

Tgt Ion: 85 Resp: 69427
Ion Ratio Lower Upper
85 100
87 33.3 16.2 48.6





#3

Chloromethane

Concen: 46.471 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX013233.D

Acq: 25 Oct 2019 16:04

Instrument :

MSVOA_X

ClientSampleId :

GW809-8.0-13.0-102419MS

Tot Ion: 50 Resp: 60378

Ion Ratio Lower Upper

50 100

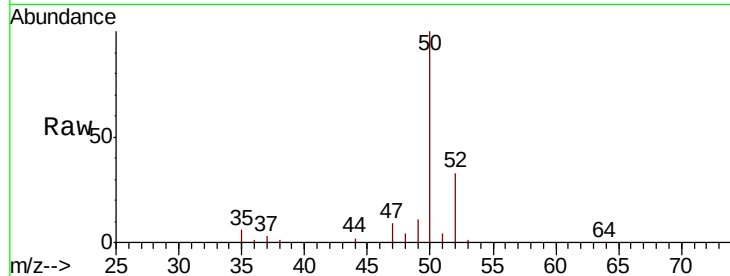
52 32.7 27.8 41.6

Manual Integrations

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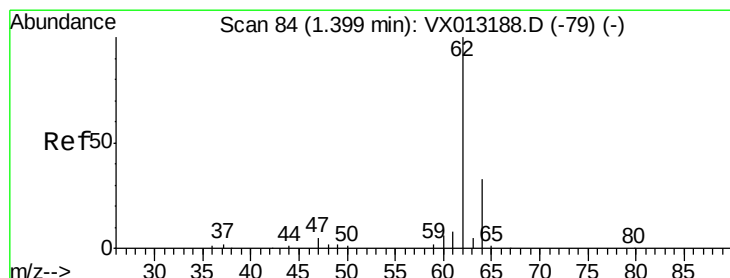
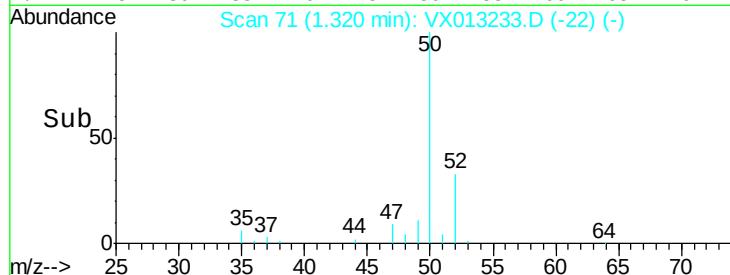
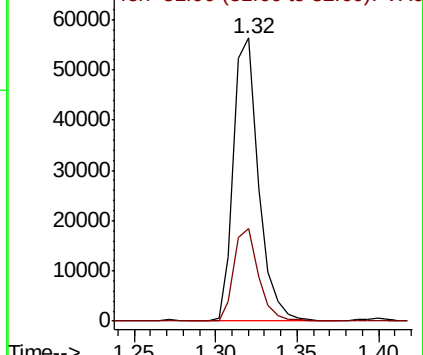
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 44.965 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013233.D

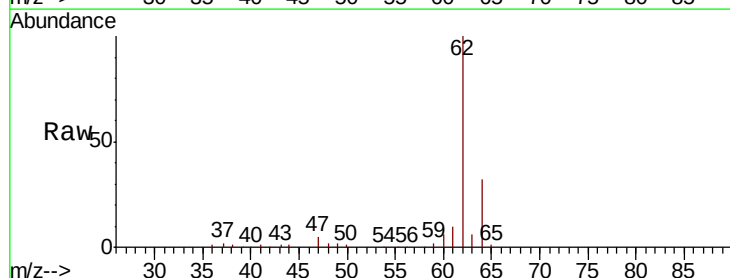
Acq: 25 Oct 2019 16:04

Tgt Ion: 62 Resp: 63940

Ion Ratio Lower Upper

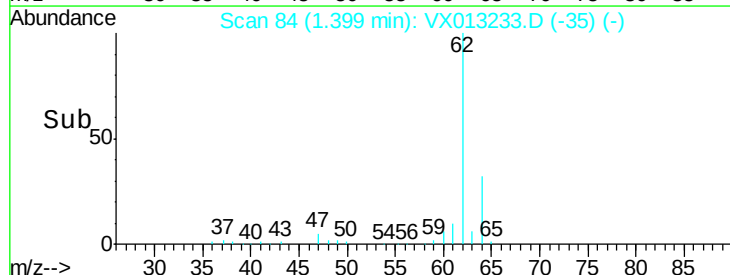
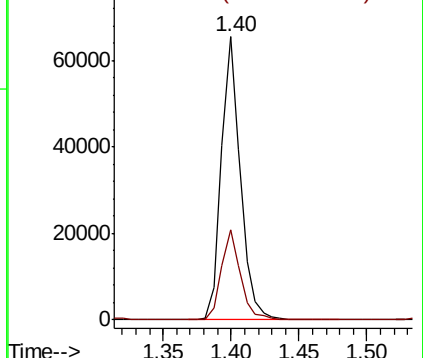
62 100

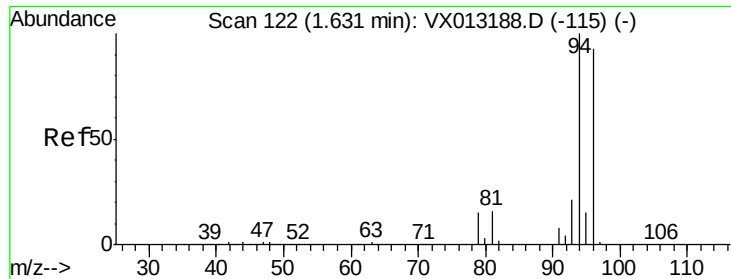
64 31.9 26.4 39.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 43.043 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX013233.D

Acq: 25 Oct 2019 16:04

Instrument :

MSVOA_X

ClientSampleId :

GW809-8.0-13.0-102419MS

Tot Ion: 94 Resp: 32442

Ion Ratio Lower Upper

94 100

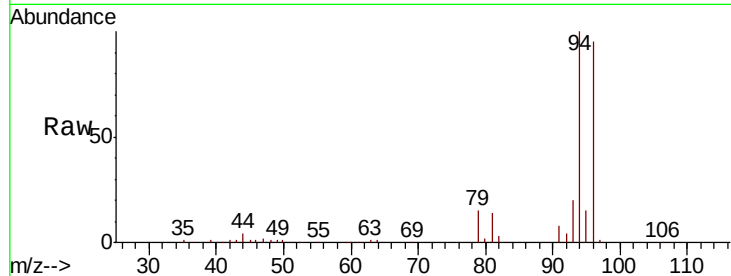
96 95.0 74.2 111.2

Manual Integrations

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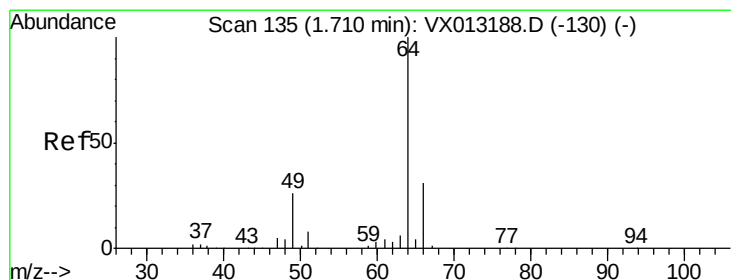
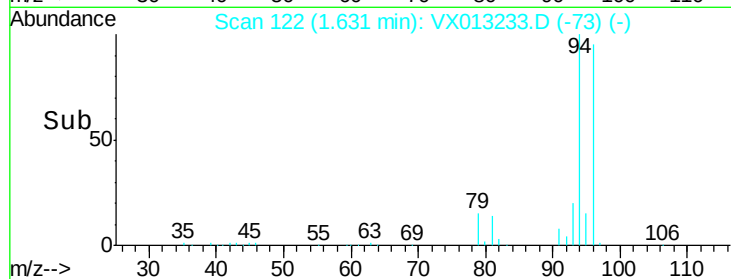
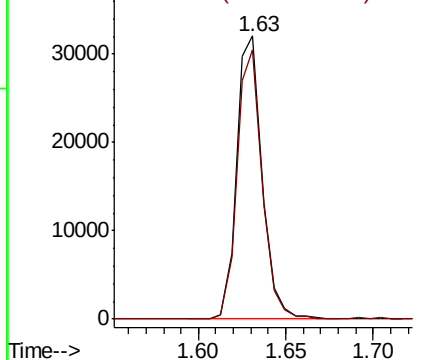
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 50.773 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX013233.D

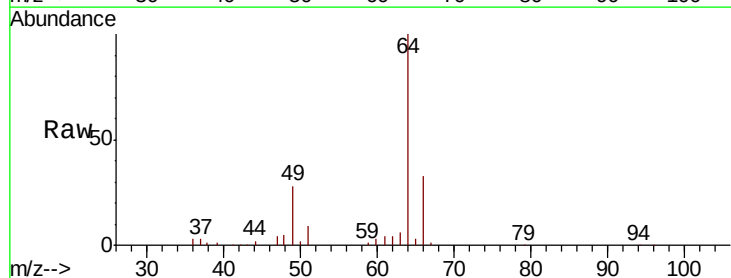
Acq: 25 Oct 2019 16:04

Tgt Ion: 64 Resp: 40373

Ion Ratio Lower Upper

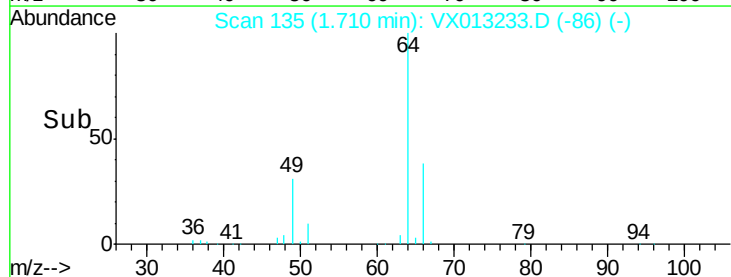
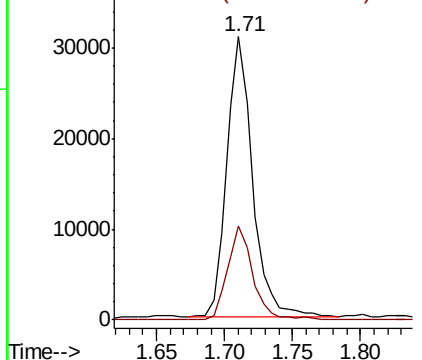
64 100

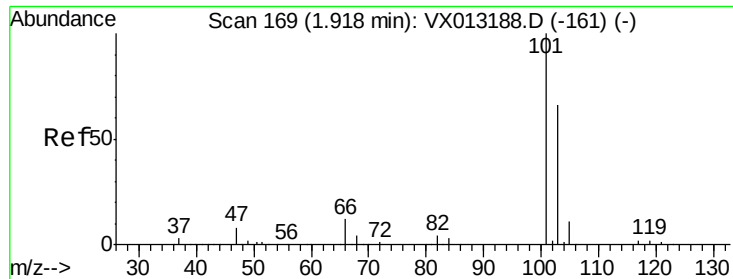
66 33.4 25.0 37.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

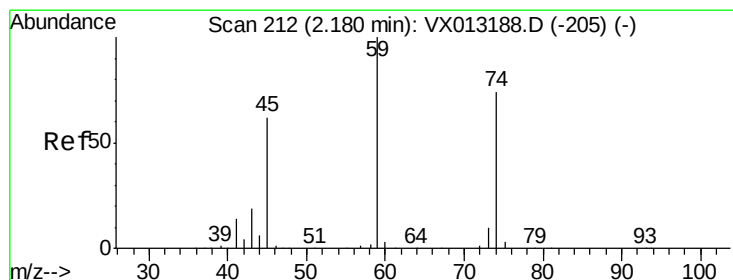
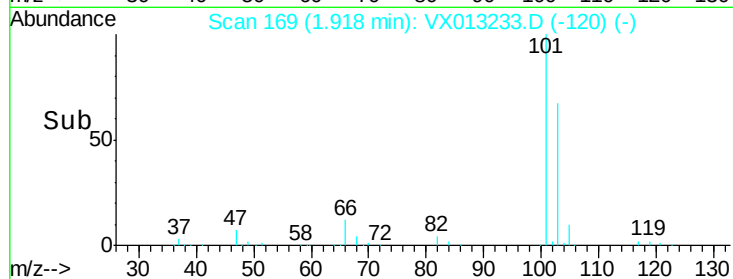
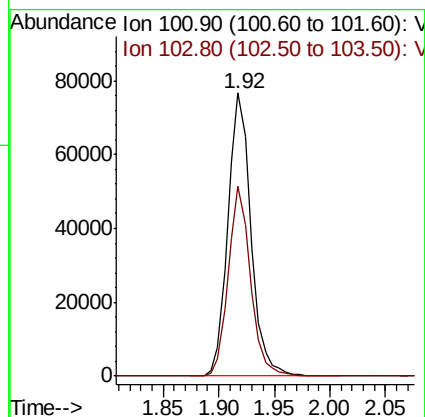
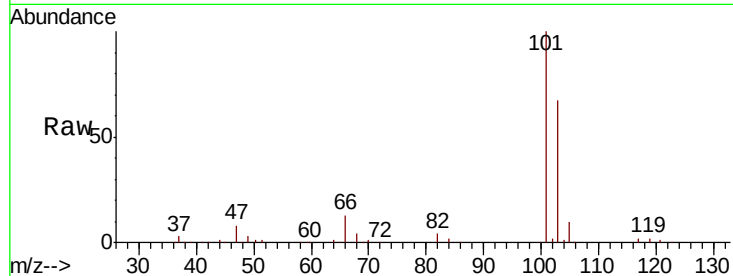
Trichlorofluoromethane
Concen: 49.120 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX013233.D
Acq: 25 Oct 2019 16:04

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GW809-8.0-13.0-102419MS

Tot Ion:101 Resp: 110207
Ion Ratio Lower Upper
101 100
103 66.9 53.0 79.6

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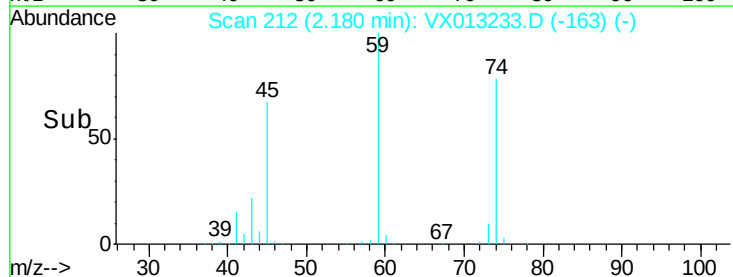
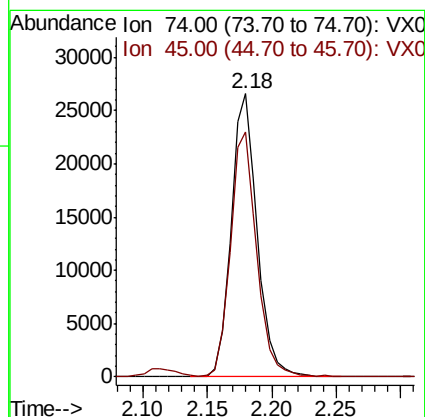
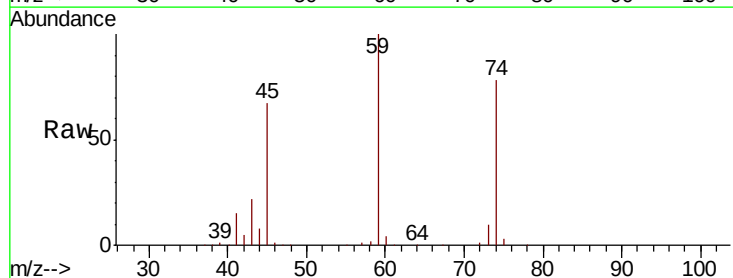
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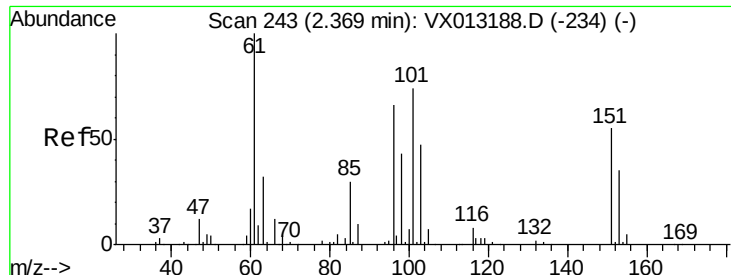


#8

Diethyl Ether
Concen: 48.598 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX013233.D
Acq: 25 Oct 2019 16:04

Tgt Ion: 74 Resp: 37400
Ion Ratio Lower Upper
74 100
45 87.7 44.8 134.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.085 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX013233.D

Acq: 25 Oct 2019 16:04

Instrument :

MSVOA_X

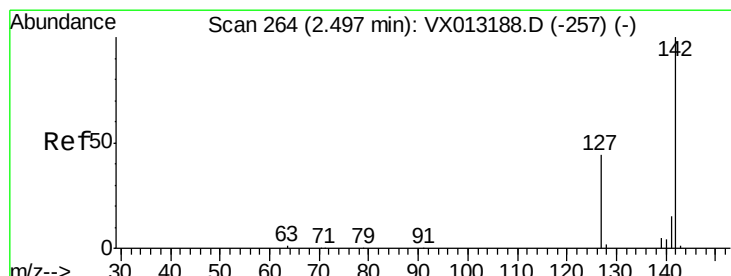
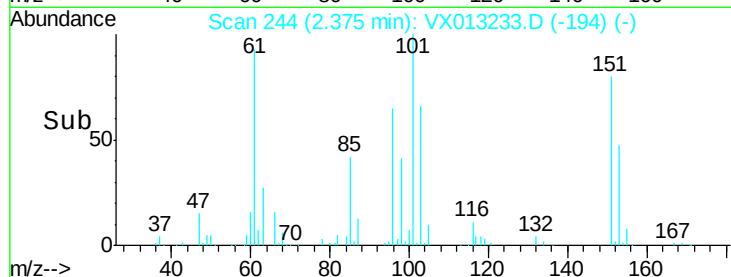
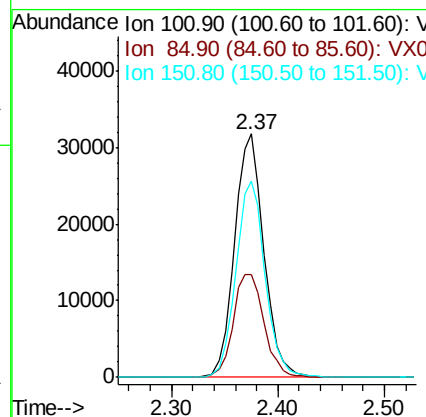
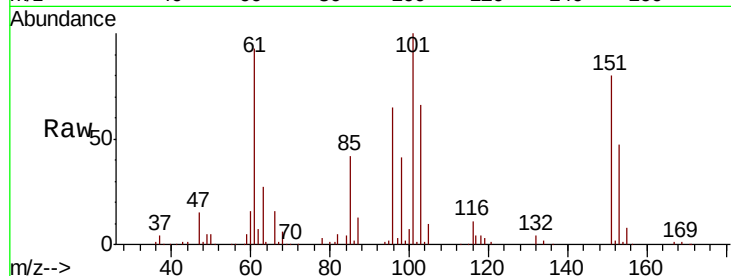
ClientSampleId :

GW809-8.0-13.0-102419MS

Tot Ion:	101	Resp:	61263
Ion Ratio	Lower	Upper	
101	100		
85	44.3	34.0	51.0
151	80.4	62.0	93.0

Manual Integrations
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#10

Methyl Iodide

Concen: 47.545 ug/l

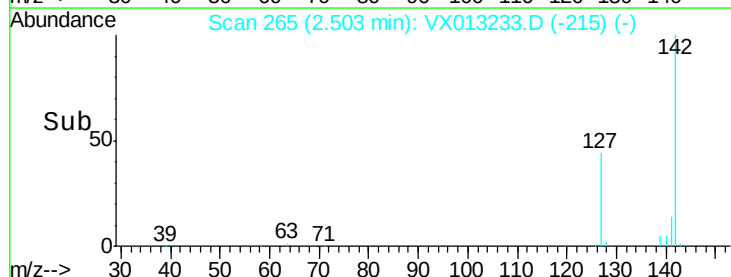
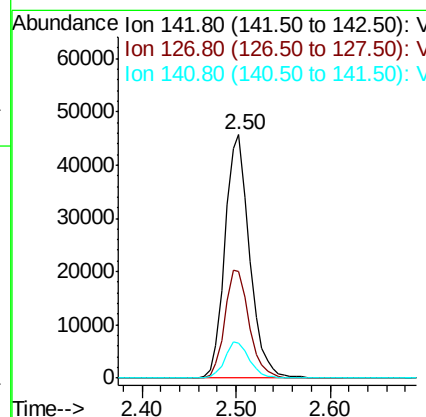
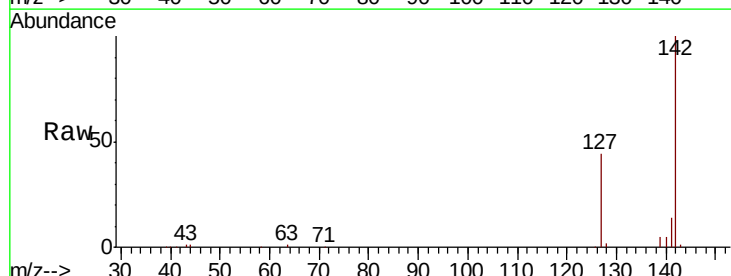
RT: 2.50 min Scan# 265

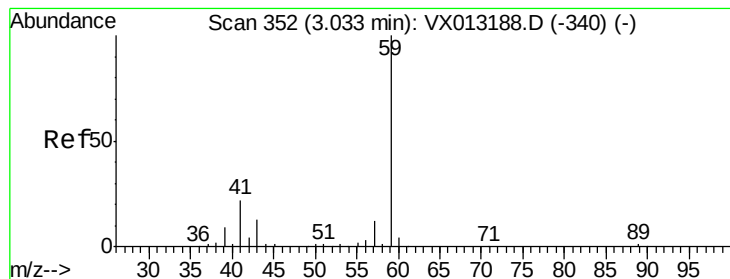
Delta R.T. 0.01 min

Lab File: VX013233.D

Acq: 25 Oct 2019 16:04

Tgt Ion:	142	Resp:	82912
Ion Ratio	Lower	Upper	
142	100		
127	43.9	35.6	53.4
141	14.5	11.6	17.4





#11

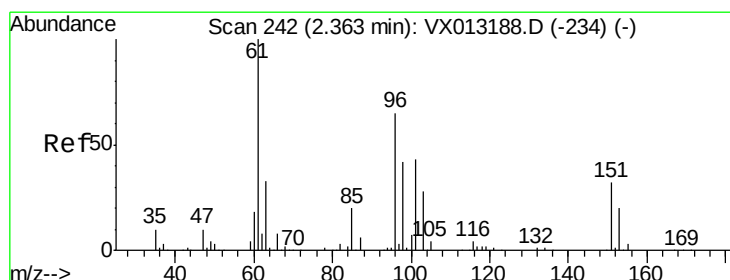
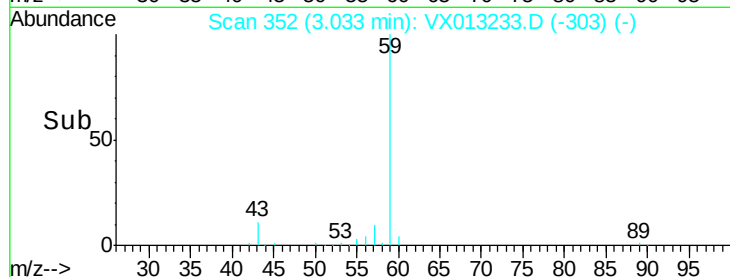
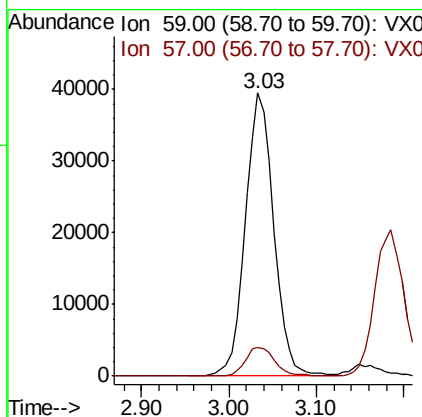
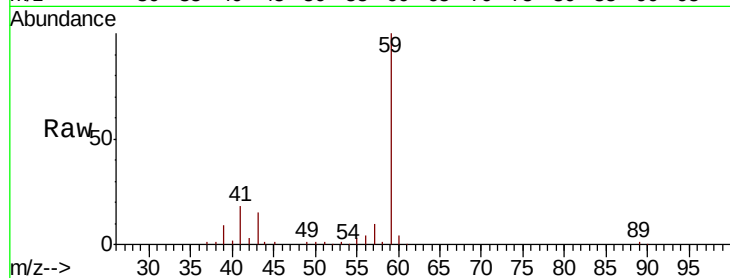
Tert butyl alcohol
Concen: 250.830 ug/l
RT: 3.03 min Scan# 352
Delta R.T. 0.00 min
Lab File: VX013233.D
Acq: 25 Oct 2019 16:04

Instrument :
MSVOA_X
ClientSampleId :
GW809-8.0-13.0-102419MS

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.2	12.4

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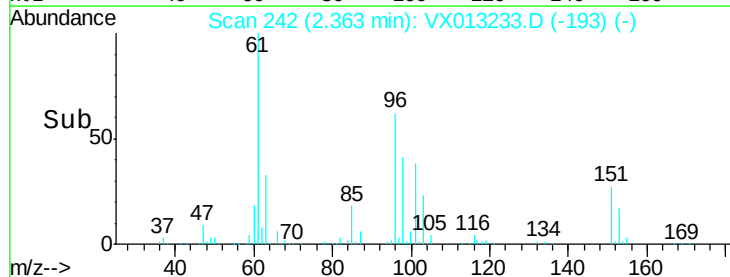
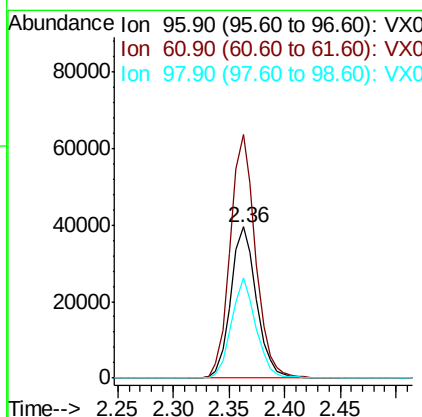
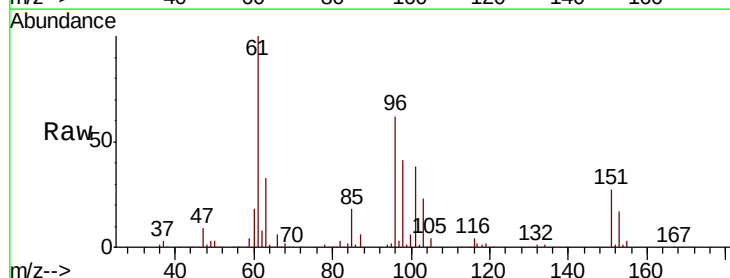
MMDadoda
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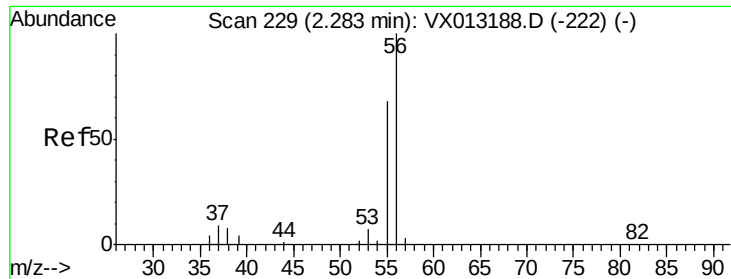


#12

1,1-Dichloroethene
Concen: 47.317 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX013233.D
Acq: 25 Oct 2019 16:04

Tgt Ion	Ratio	Lower	Upper
96	100		
61	161.4	123.8	185.8
98	66.2	51.6	77.4





#13

Acrolein

Concen: 260.907 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX013233.D

Acq: 25 Oct 2019 16:04

Instrument :

MSVOA_X

ClientSampleId :

GW809-8.0-13.0-102419MS

Tot Ion: 56 Resp: 50136

Ion Ratio Lower Upper

56 100

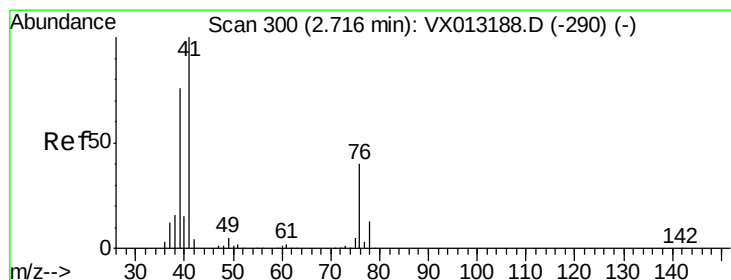
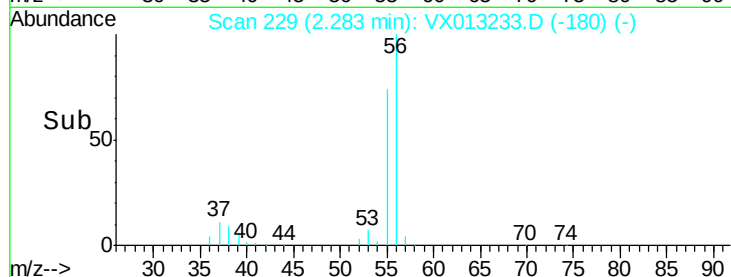
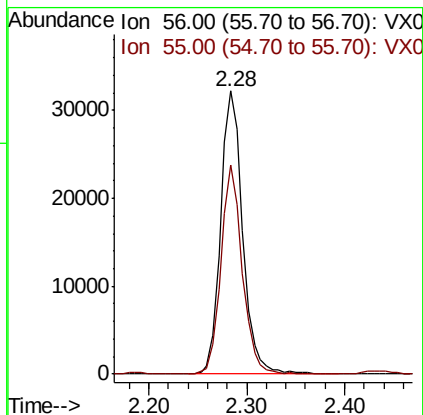
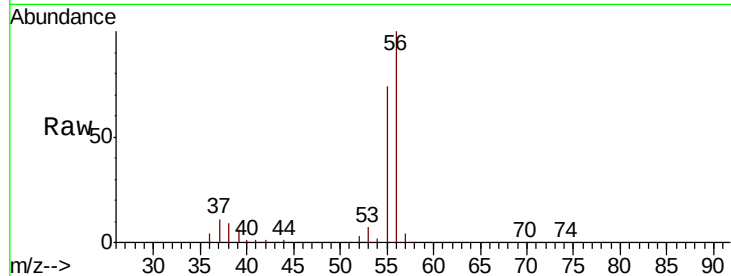
55 71.6 58.9 88.3

Manual Integrations

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#14

Allyl chloride

Concen: 46.125 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX013233.D

Acq: 25 Oct 2019 16:04

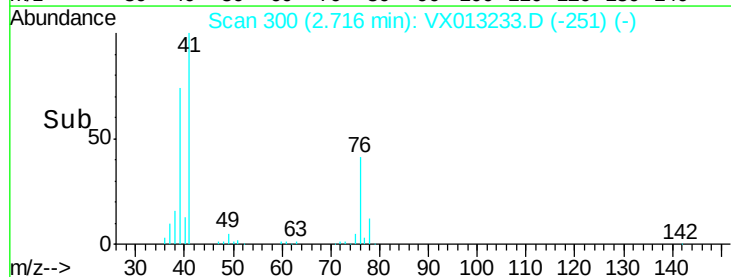
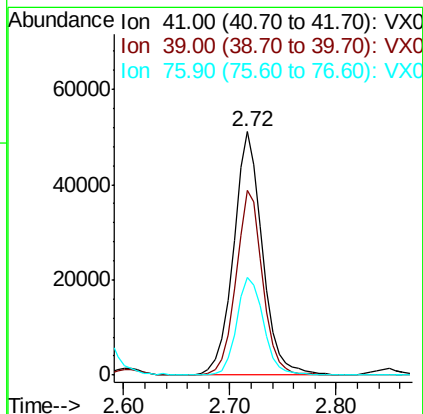
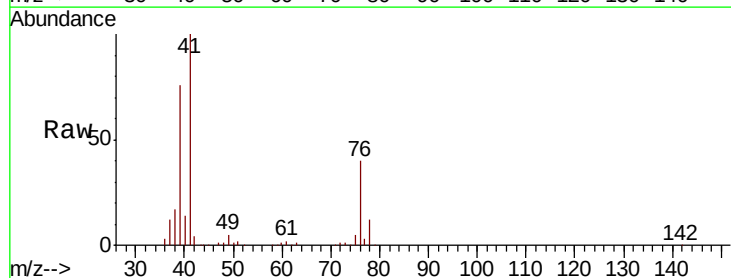
Tgt Ion: 41 Resp: 96866

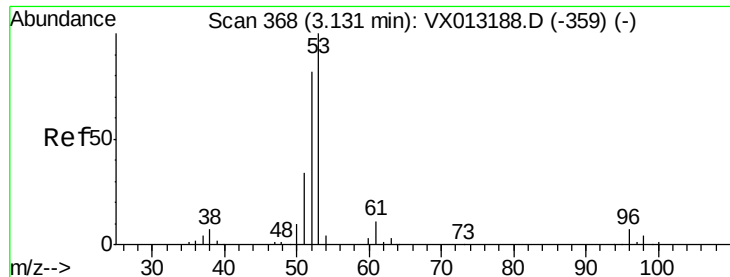
Ion Ratio Lower Upper

41 100

39 70.7 54.6 81.8

76 37.7 29.8 44.6





#15

Acrylonitrile

Concen: 247.817 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX013233.D

Acq: 25 Oct 2019 16:04

Instrument :

MSVOA_X

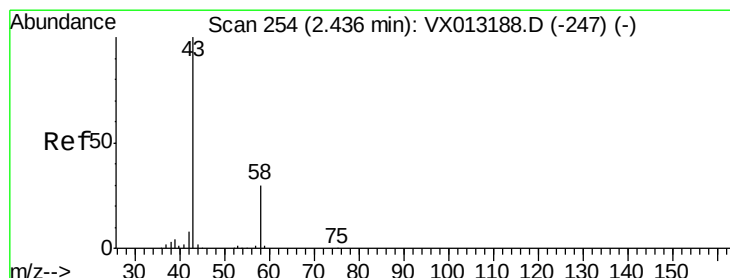
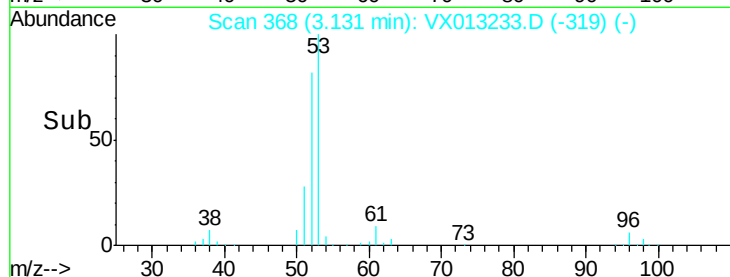
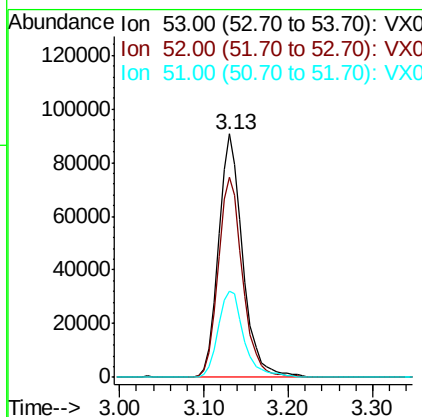
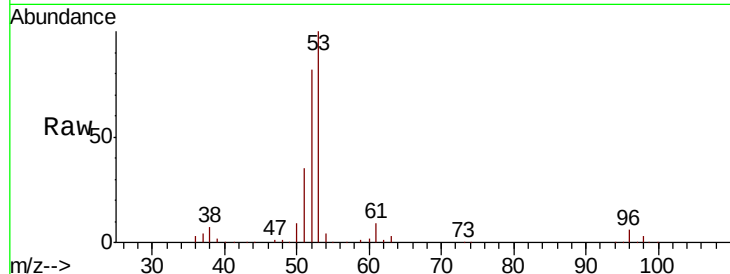
ClientSampleId :

GW809-8.0-13.0-102419MS

Tot Ion:	53	Resp:	178904
Ion	Ratio	Lower	Upper
53	100		
52	83.2	66.4	99.6
51	37.7	29.4	44.2

Manual Integrations
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#16

Acetone

Concen: 207.531 ug/l

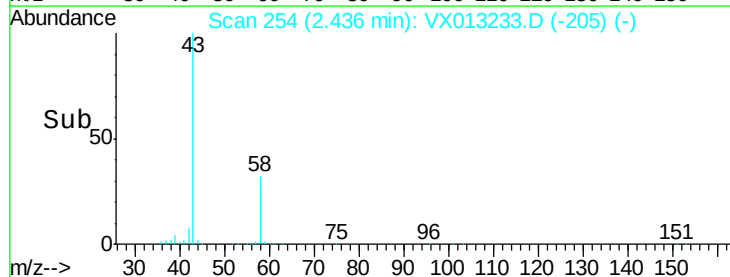
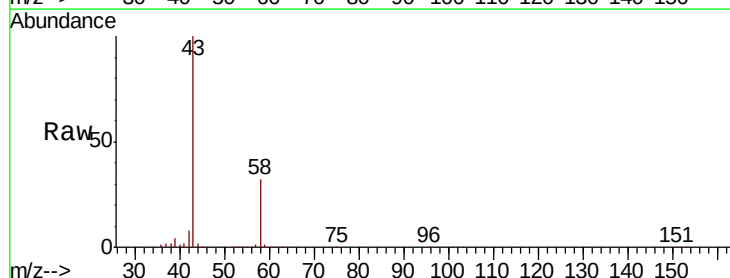
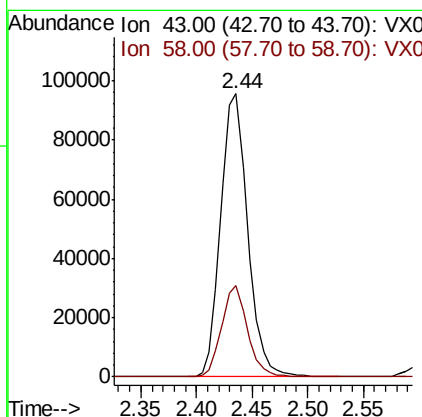
RT: 2.44 min Scan# 254

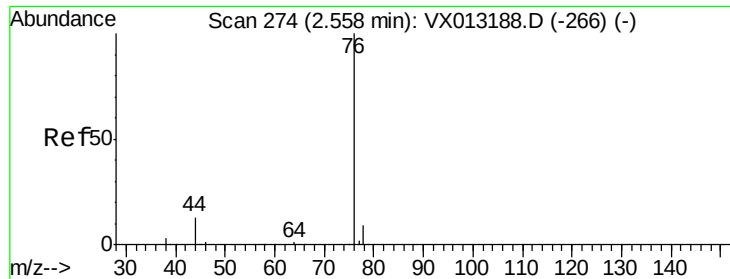
Delta R.T. 0.00 min

Lab File: VX013233.D

Acq: 25 Oct 2019 16:04

Tgt Ion:	43	Resp:	160134
Ion	Ratio	Lower	Upper
43	100		
58	32.2	23.8	35.6





#17

Carbon Disulfide

Concen: 42.938 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX013233.D

Acq: 25 Oct 2019 16:04

Instrument :

MSVOA_X

ClientSampleId :

GW809-8.0-13.0-102419MS

Tot Ion: 76 Resp: 153990

Ion Ratio Lower Upper

76 100

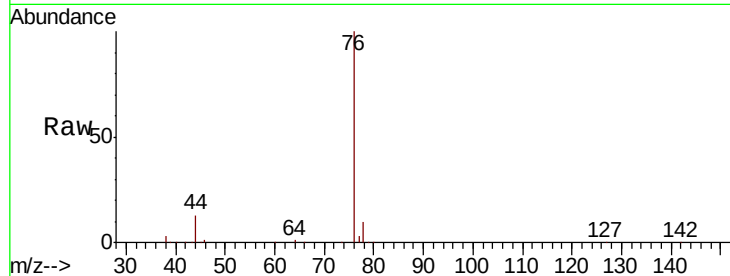
78 9.5 7.4 11.2

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

100000

80000

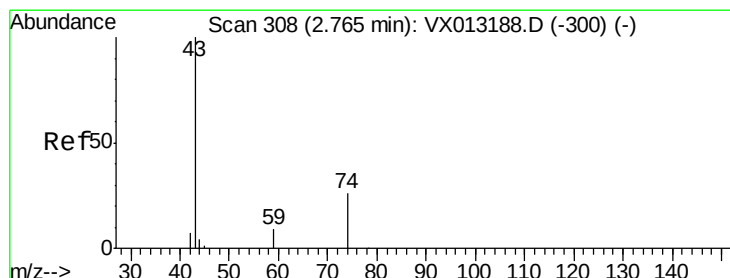
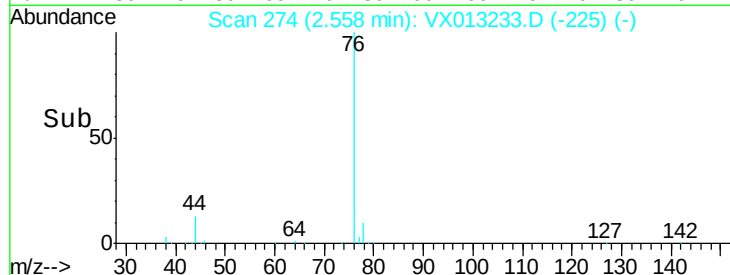
60000

40000

20000

0

Time--> 2.45 2.50 2.55 2.60 2.65



#18

Methyl Acetate

Concen: 49.640 ug/l

RT: 2.77 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX013233.D

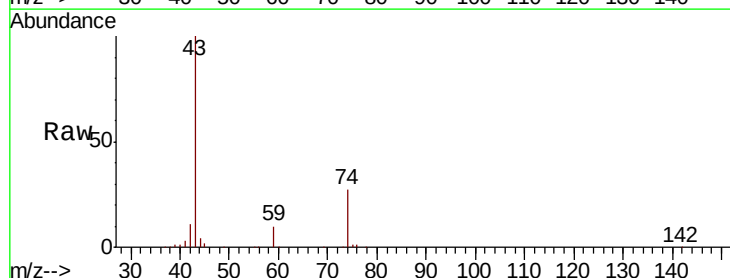
Acq: 25 Oct 2019 16:04

Tgt Ion: 43 Resp: 83624

Ion Ratio Lower Upper

43 100

74 27.3 20.9 31.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.77

50000

40000

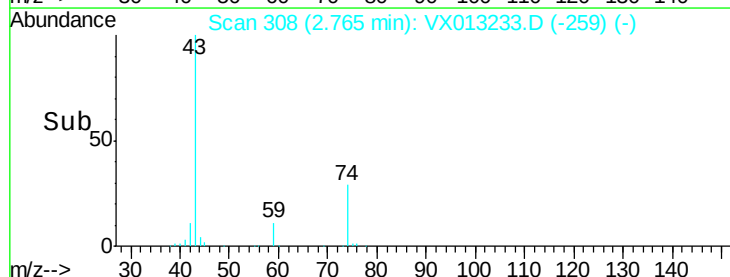
30000

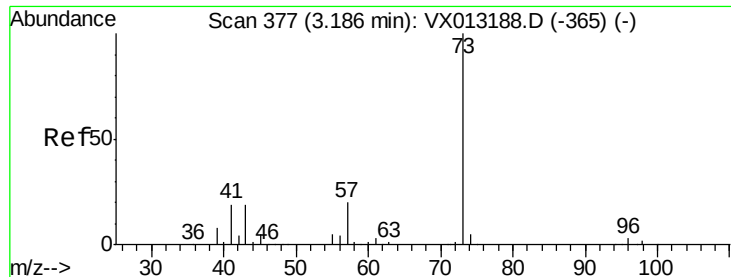
20000

10000

0

Time--> 2.65 2.70 2.75 2.80 2.85





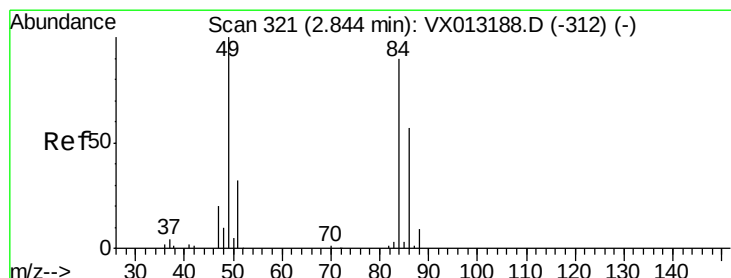
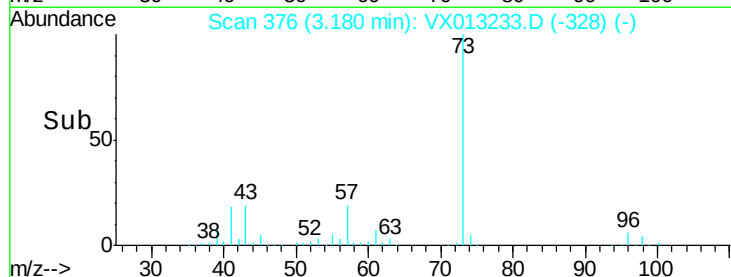
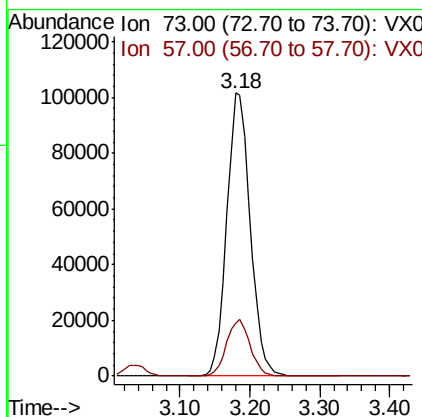
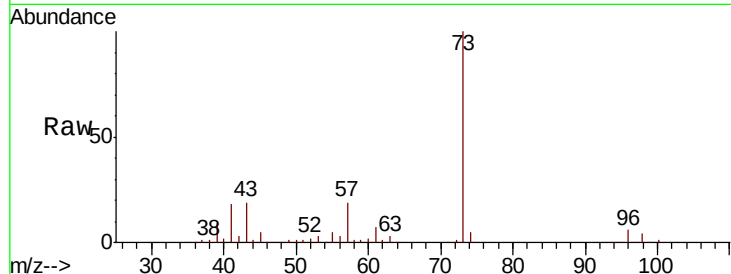
#19
Methyl tert-butyl Ether
Concen: 50.241 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX013233.D
Acq: 25 Oct 2019 16:04

Instrument :
MSVOA_X
ClientSampleId :
GW809-8.0-13.0-102419MS

Tot Ion: 73 Resp: 236006
Ion Ratio Lower Upper
73 100
57 18.7 15.8 23.8

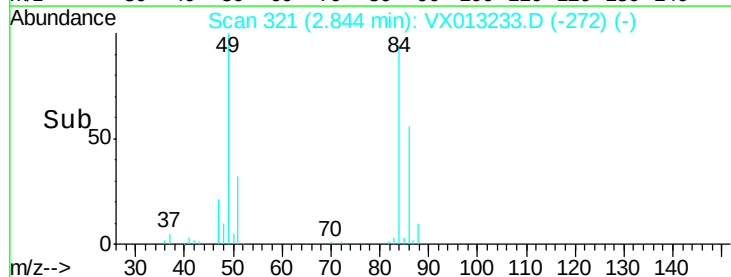
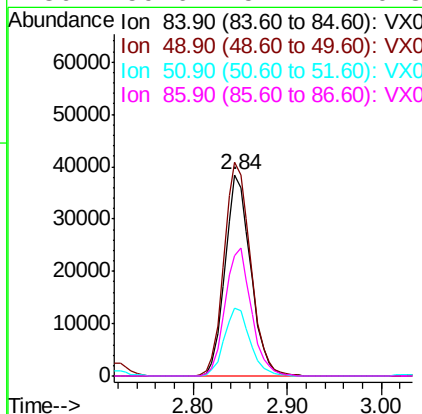
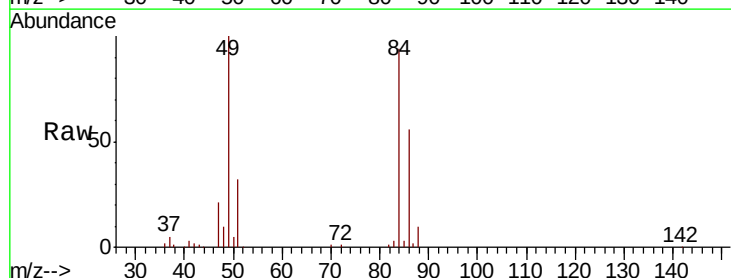
Manual Integrations
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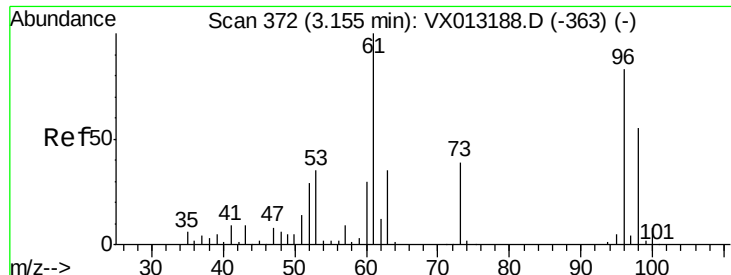
MMDadoda
10/28/2019 12:52:57 PM



#20
Methylene Chloride
Concen: 50.275 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX013233.D
Acq: 25 Oct 2019 16:04

Tgt Ion: 84 Resp: 72546
Ion Ratio Lower Upper
84 100
49 106.0 89.2 133.8
51 33.8 28.8 43.2
86 59.6 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 48.501 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013233.D

Acq: 25 Oct 2019 16:04

Instrument :

MSVOA_X

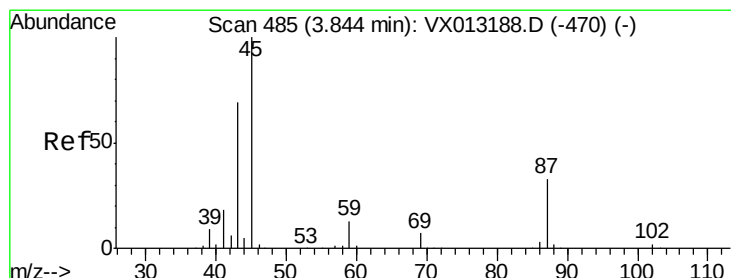
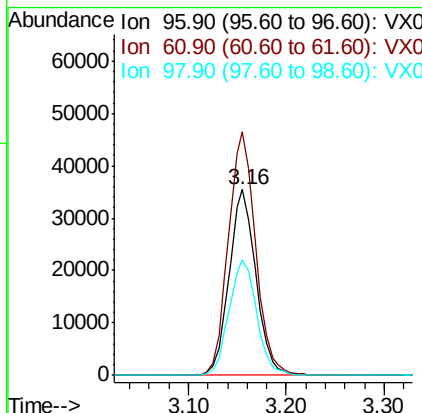
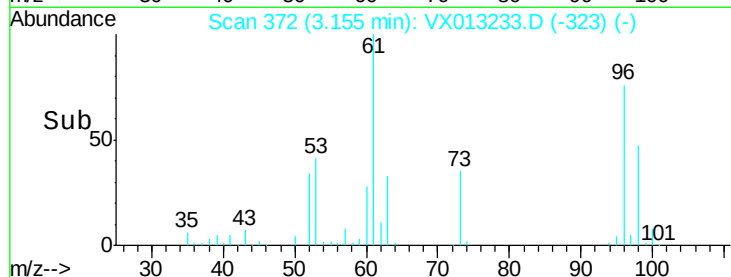
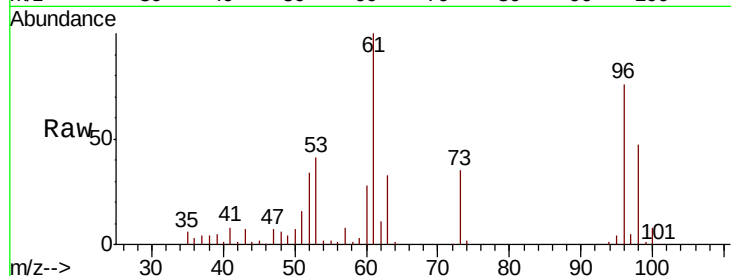
ClientSampleId :

GW809-8.0-13.0-102419MS

Tot Ion:	96	Resp:	67297
Ion	Ratio	Lower	Upper
96	100		
61	131.2	96.9	145.3
98	62.0	53.0	79.4

Manual Integrations
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#22

Diisopropyl ether

Concen: 47.692 ug/l

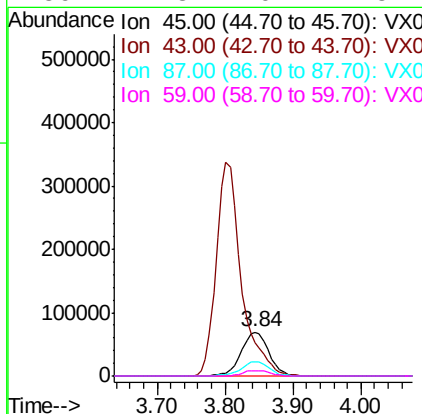
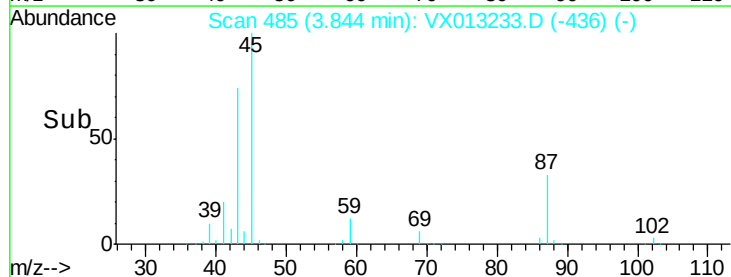
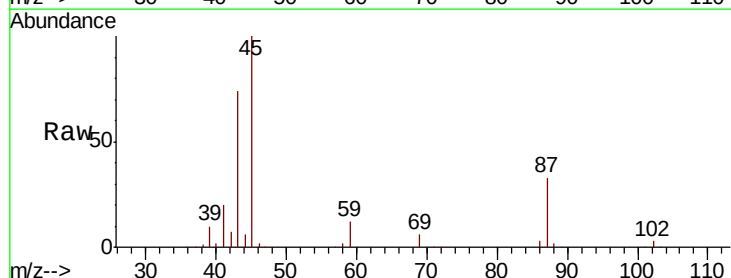
RT: 3.84 min Scan# 485

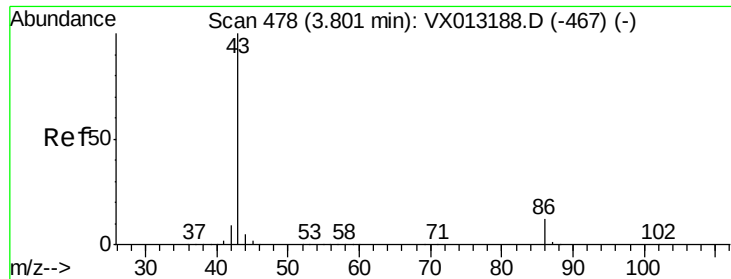
Delta R.T. 0.00 min

Lab File: VX013233.D

Acq: 25 Oct 2019 16:04

Tgt Ion:	45	Resp:	195834
Ion	Ratio	Lower	Upper
45	100		
43	74.2	55.5	83.3
87	33.0	26.7	40.1
59	12.3	10.2	15.2





#23

Vinyl Acetate

Concen: 247.329 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX013233.D

Acq: 25 Oct 2019 16:04

Instrument :

MSVOA_X

ClientSampleId :

GW809-8.0-13.0-102419MS

Tot Ion: 43 Resp: 863215

Ion Ratio Lower Upper

43 100

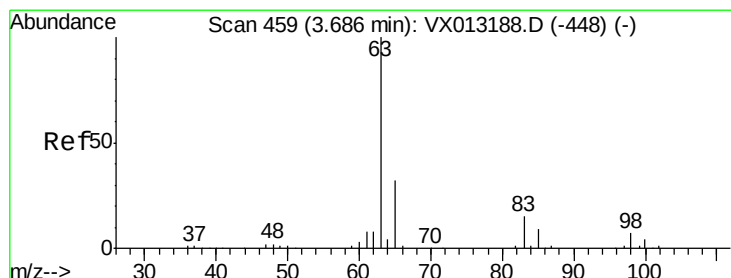
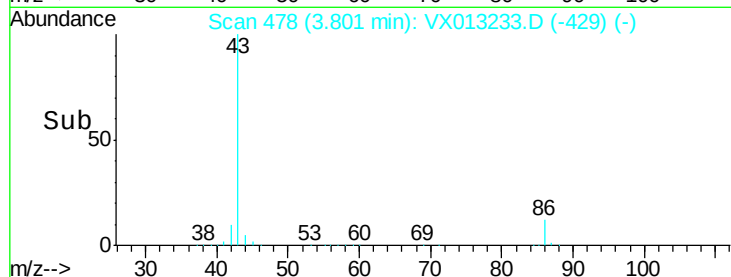
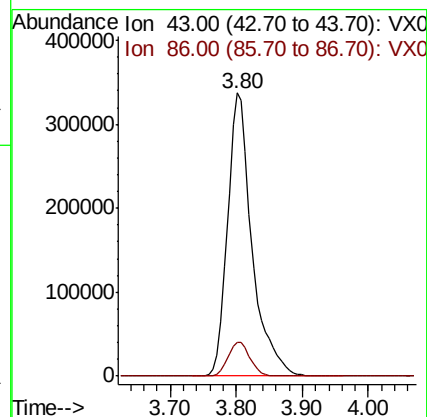
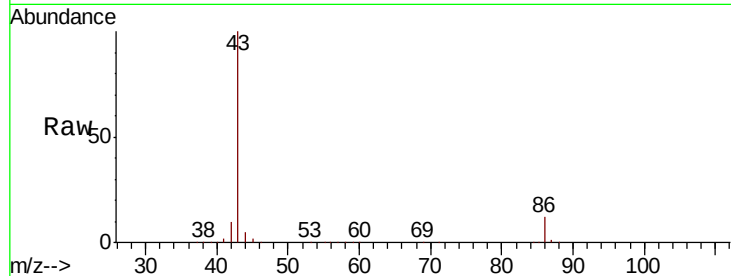
86 12.1 9.7 14.5

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 49.083 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX013233.D

Acq: 25 Oct 2019 16:04

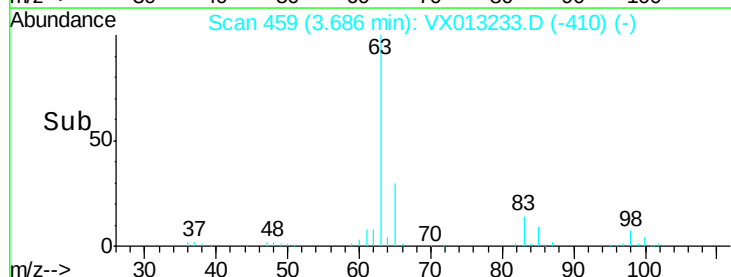
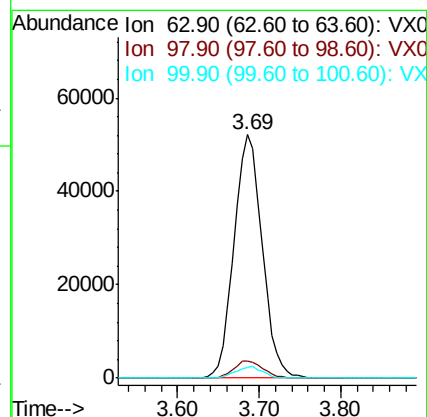
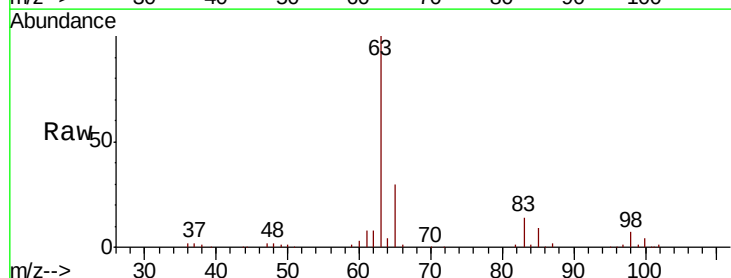
Tgt Ion: 63 Resp: 123971

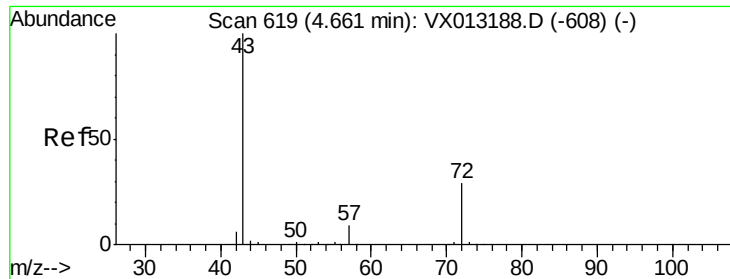
Ion Ratio Lower Upper

63 100

98 7.2 3.8 11.2

100 4.5 2.2 6.6





#25

2-Butanone

Concen: 233.386 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX013233.D

Acq: 25 Oct 2019 16:04

Instrument :

MSVOA_X

ClientSampleId :

GW809-8.0-13.0-102419MS

Tot Ion: 43 Resp: 241511

Ion Ratio Lower Upper

43 100

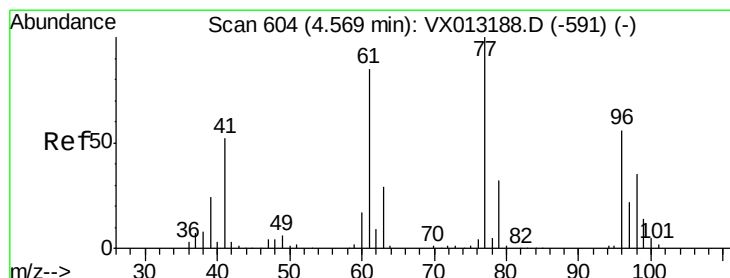
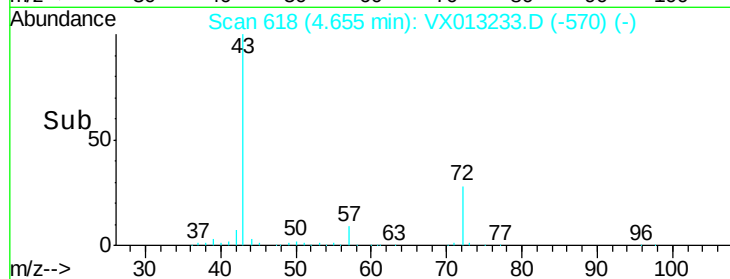
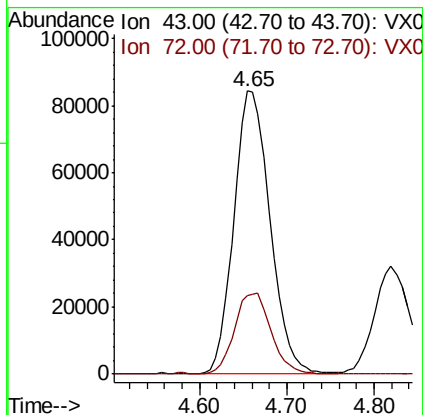
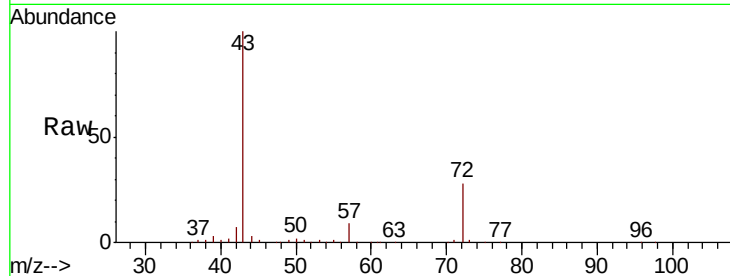
72 27.9 23.4 35.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 44.639 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX013233.D

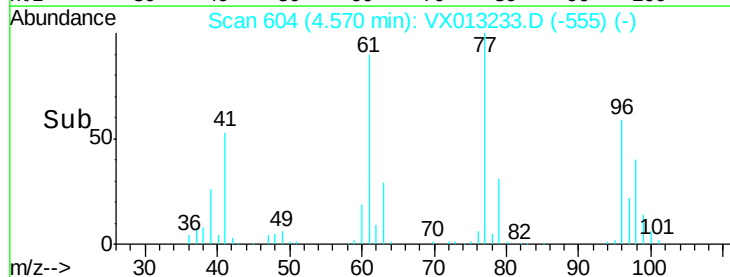
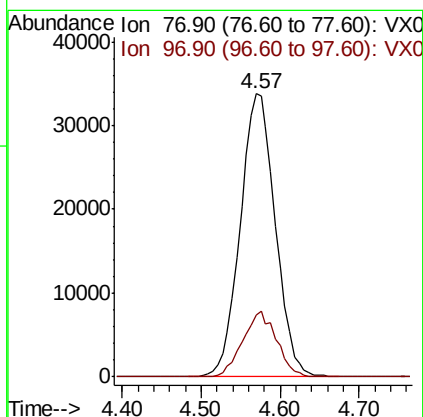
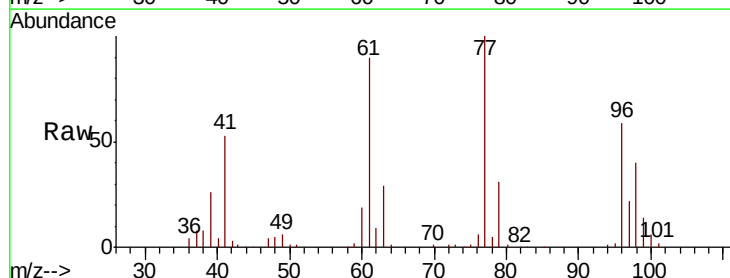
Acq: 25 Oct 2019 16:04

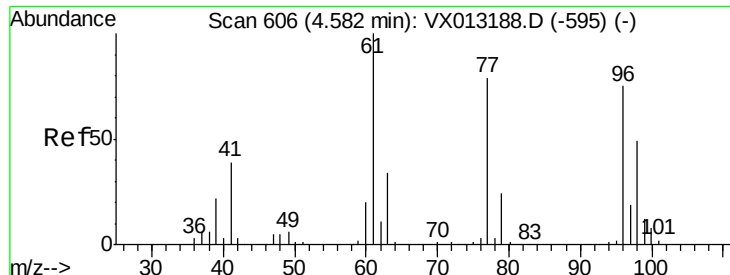
Tgt Ion: 77 Resp: 104199

Ion Ratio Lower Upper

77 100

97 22.3 10.9 32.6





#27

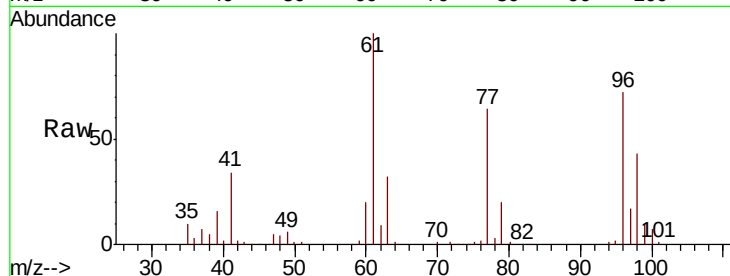
cis-1,2-Dichloroethene
Concen: 47.676 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX013233.D
Acq: 25 Oct 2019 16:04

Instrument :
MSVOA_X
ClientSampleId :
GW809-8.0-13.0-102419MS

Tot Ion	Ratio	Lower	Upper
96	100		
61	143.5	0.0	290.4
98	64.6	0.0	130.4

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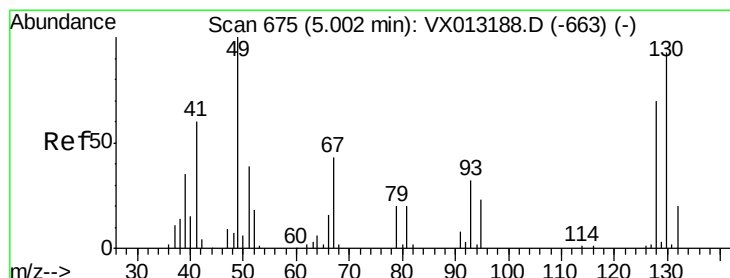
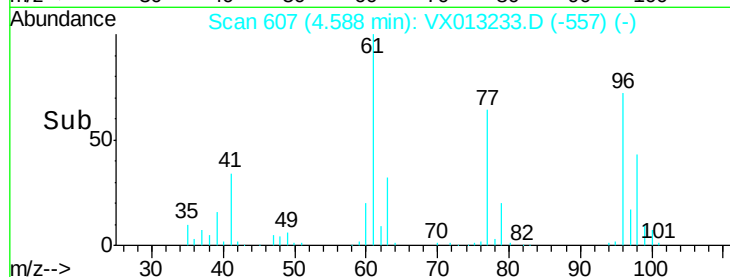
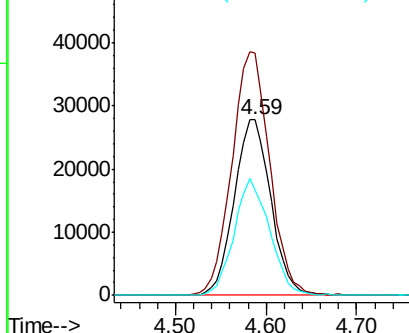


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

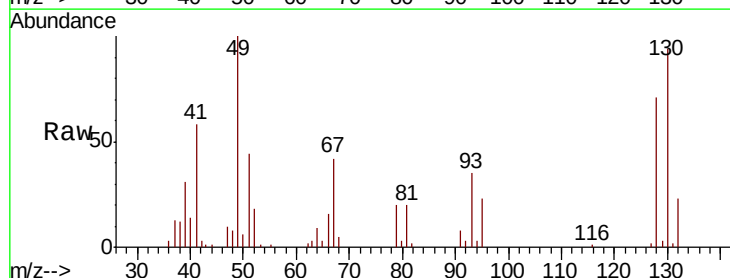
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane
Concen: 52.994 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX013233.D
Acq: 25 Oct 2019 16:04

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	4.8
130	93.0	71.8	107.8

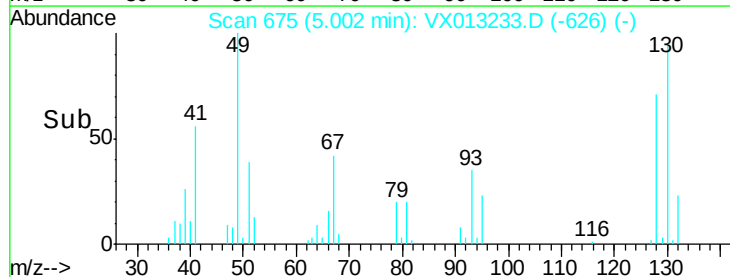
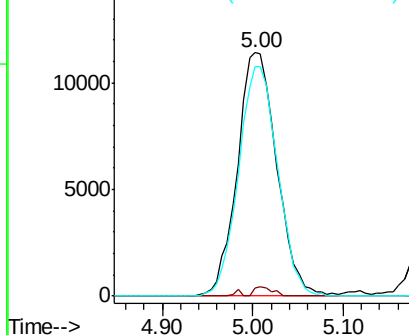


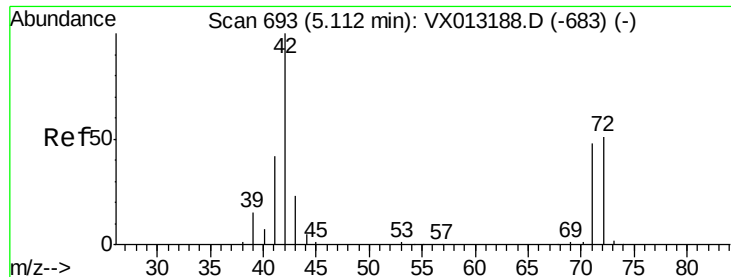
Abundance

Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 241.184 ug/l

RT: 5.12 min Scan# 694

Delta R.T. 0.01 min

Lab File: VX013233.D

Acq: 25 Oct 2019 16:04

Instrument :

MSVOA_X

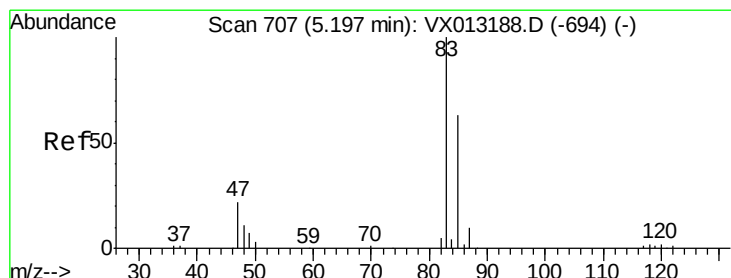
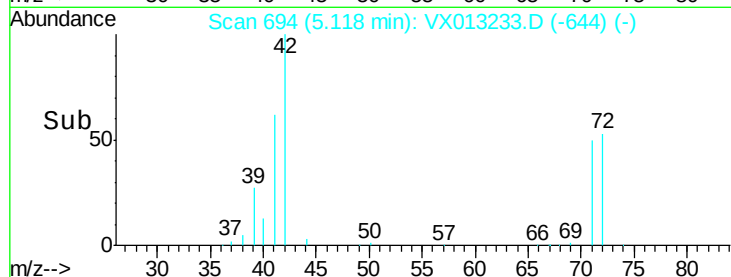
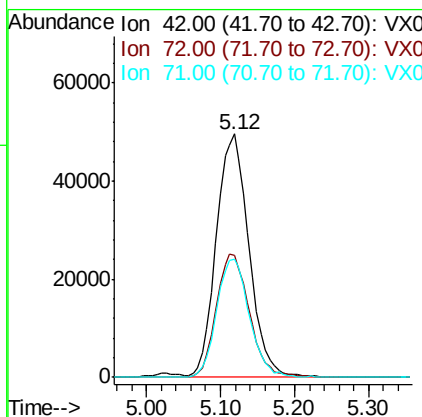
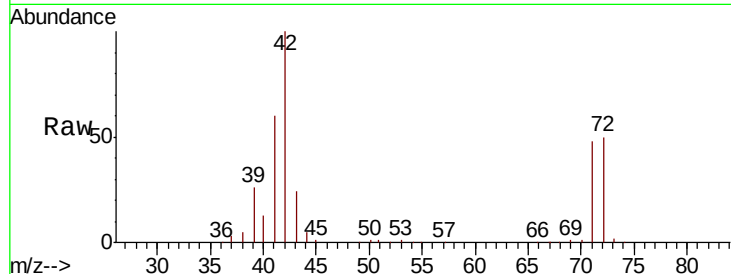
ClientSampleId :

GW809-8.0-13.0-102419MS

Tot Ion:	42	Resp:	150438
Ion	Ratio	Lower	Upper
42	100		
72	51.6	40.9	61.3
71	48.7	38.6	57.8

Manual Integrations
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#30

Chloroform

Concen: 50.285 ug/l

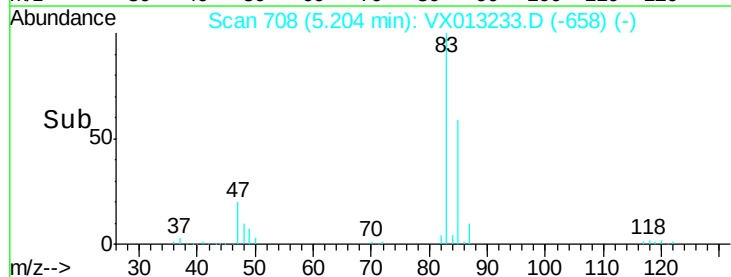
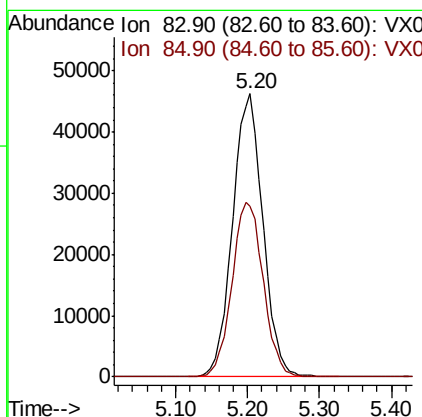
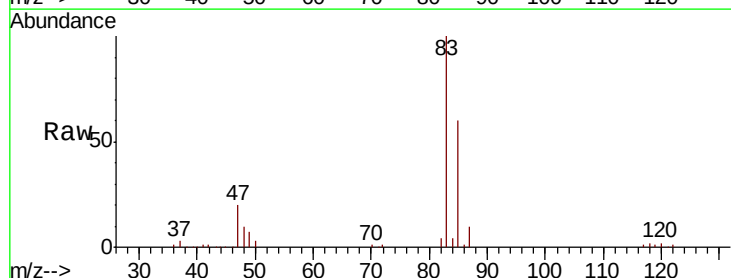
RT: 5.20 min Scan# 708

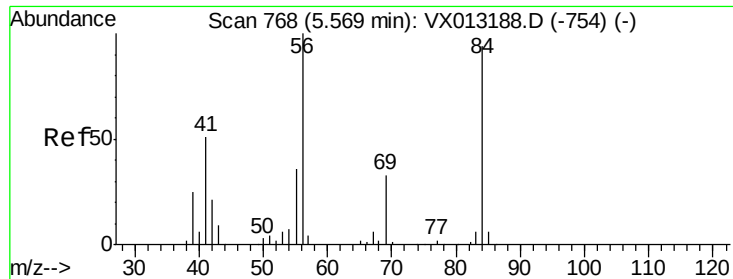
Delta R.T. 0.01 min

Lab File: VX013233.D

Acq: 25 Oct 2019 16:04

Tgt Ion:	83	Resp:	135224
Ion	Ratio	Lower	Upper
83	100		
85	60.2	50.1	75.1





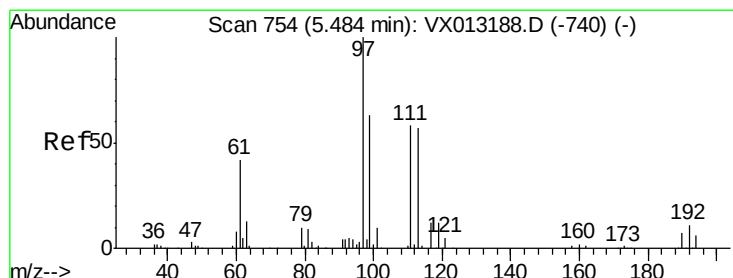
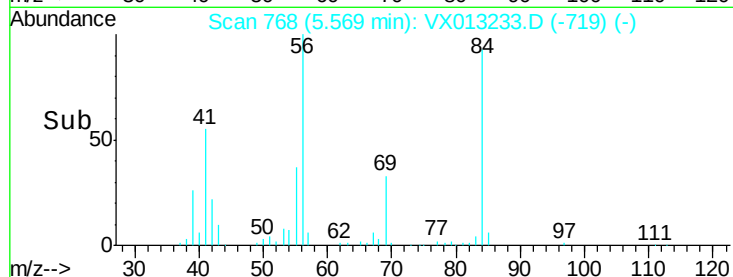
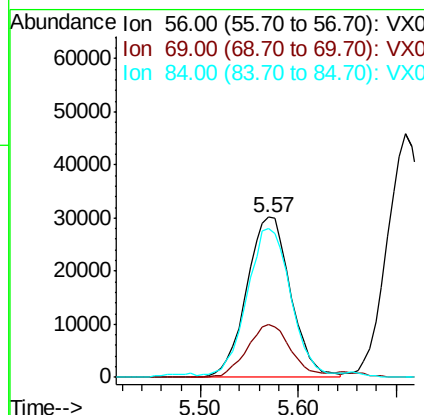
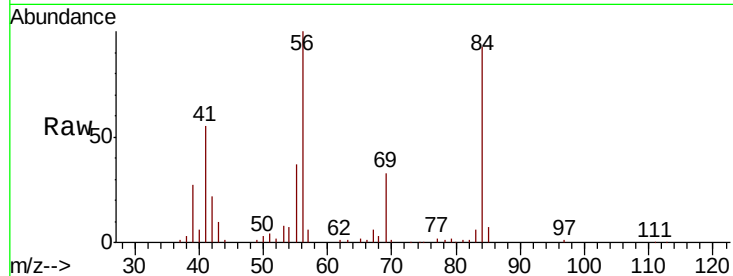
#31
Cyclohexane
Concen: 44.611 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX013233.D
Acq: 25 Oct 2019 16:04

Instrument :
MSVOA_X
ClientSampleId :
GW809-8.0-13.0-102419MS

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.4	26.3	39.5
84	90.8	73.8	110.6

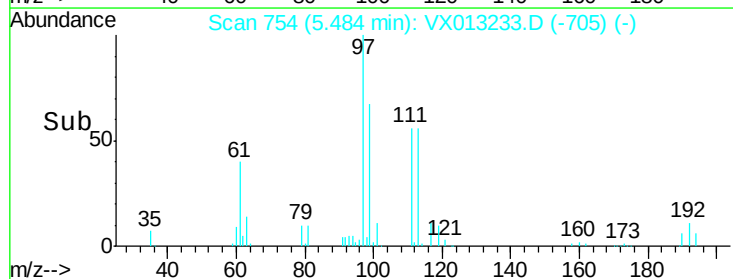
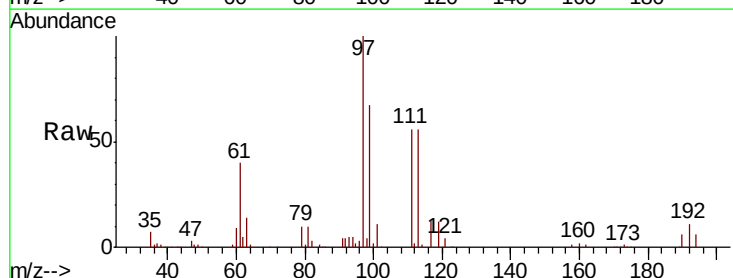
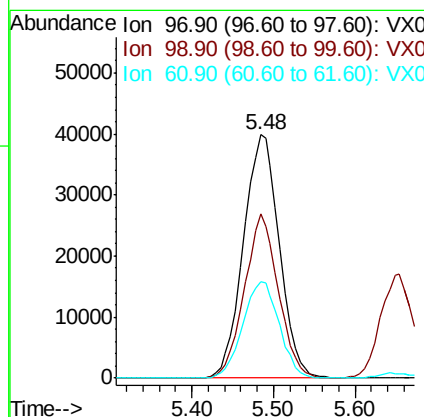
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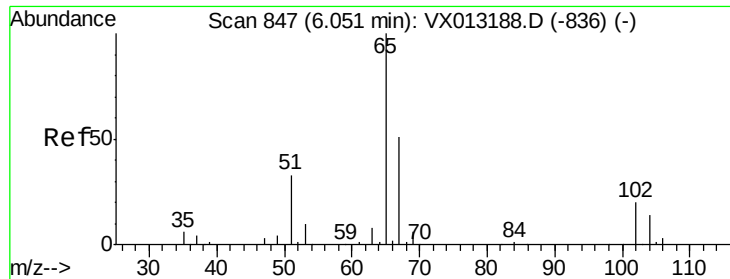
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#32
1,1,1-Trichloroethane
Concen: 50.979 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX013233.D
Acq: 25 Oct 2019 16:04

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.5	50.8	76.2
61	40.3	32.8	49.2





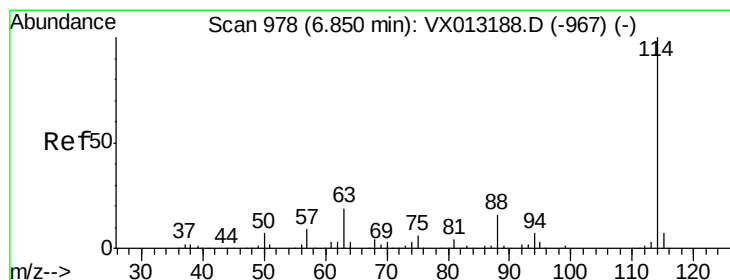
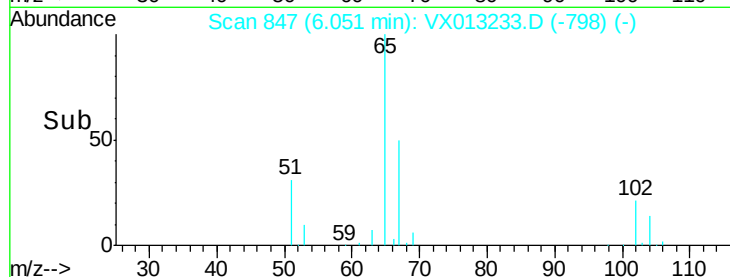
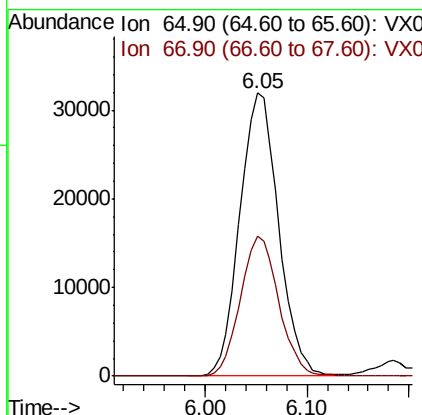
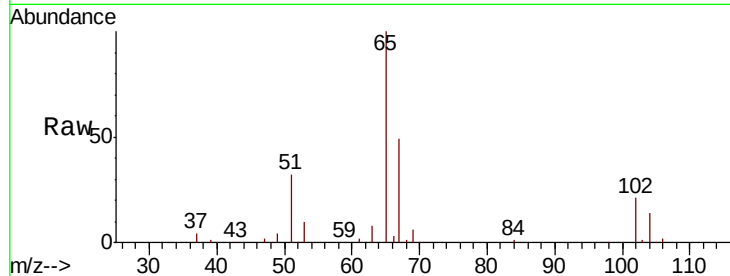
#33
 1,2-Dichloroethane-d4
 Concen: 51.444 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX013233.D
 Acq: 25 Oct 2019 16:04

Instrument :
 MSVOA_X
 ClientSampleId :
 GW809-8.0-13.0-102419MS

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	49.1	0.0	102.6	

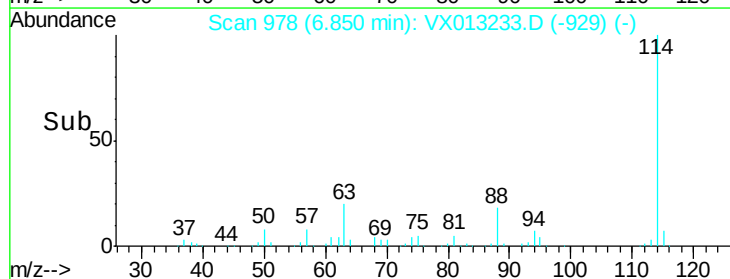
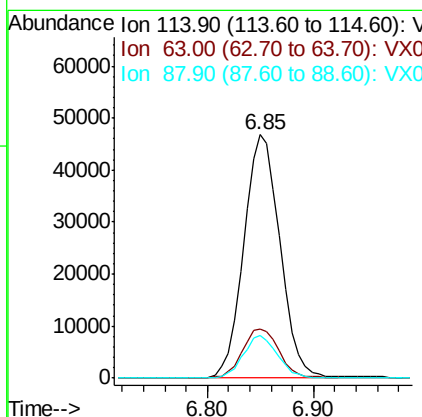
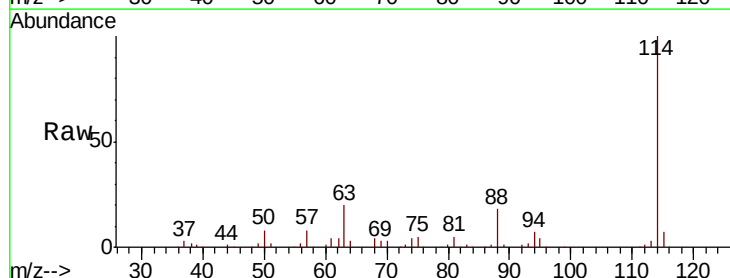
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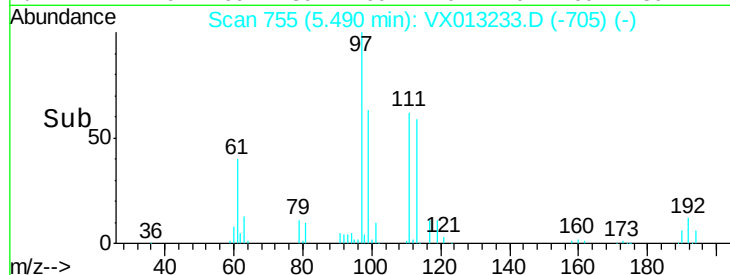
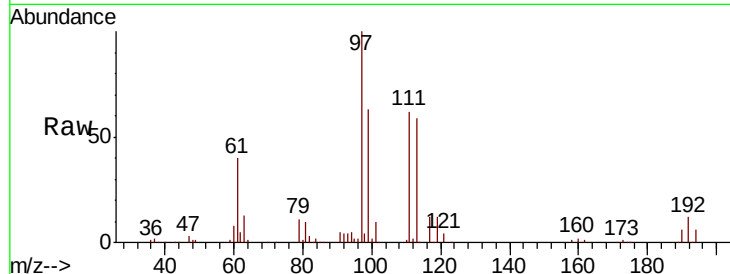
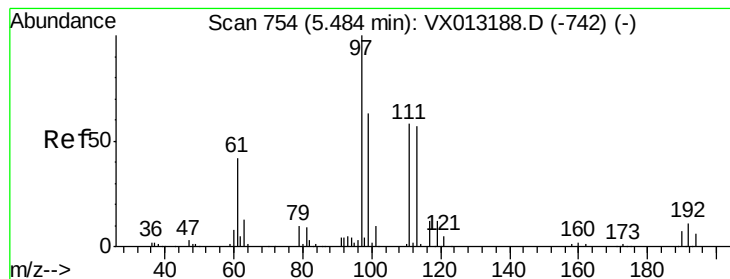
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX013233.D
 Acq: 25 Oct 2019 16:04

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	20.0	0.0	39.0	
88	17.6	0.0	32.0	





#35

Dibromofluoromethane

Concen: 51.972 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.01 min

Lab File: VX013233.D

Acq: 25 Oct 2019 16:04

Tot Ion:	113	Resp:	64788
Ion	Ratio	Lower	Upper
113	100		
111	102.7	80.3	120.5
192	20.3	15.9	23.9

Instrument :

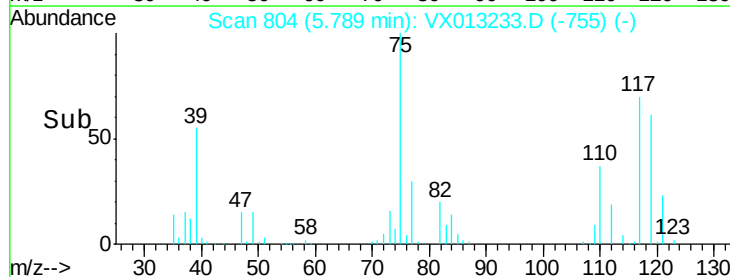
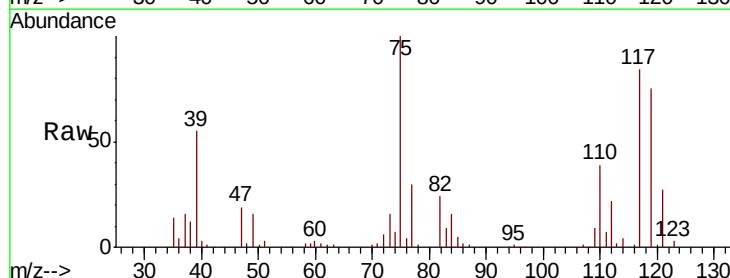
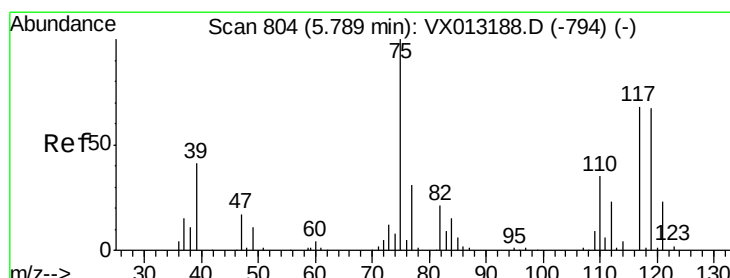
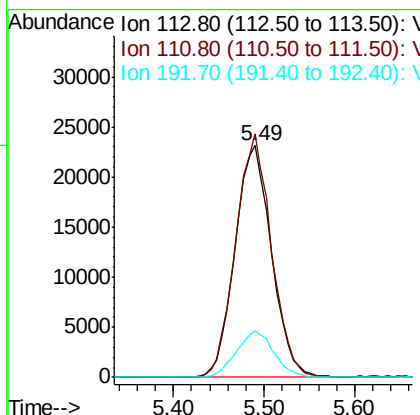
MSVOA_X

ClientSampleId :

GW809-8.0-13.0-102419MS

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#36

1,1-Dichloropropene

Concen: 49.586 ug/l

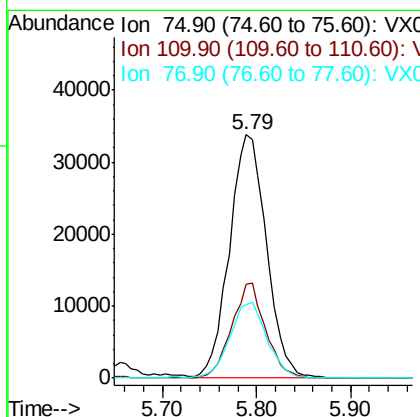
RT: 5.79 min Scan# 804

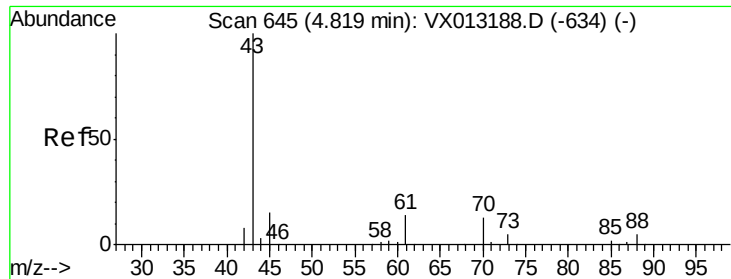
Delta R.T. 0.00 min

Lab File: VX013233.D

Acq: 25 Oct 2019 16:04

Tgt Ion:	75	Resp:	92788
Ion	Ratio	Lower	Upper
75	100		
110	35.5	17.6	52.9
77	31.0	24.7	37.1





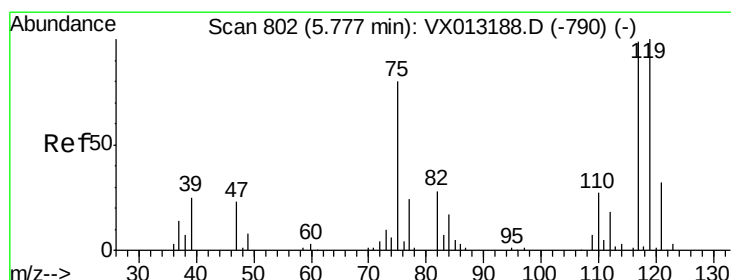
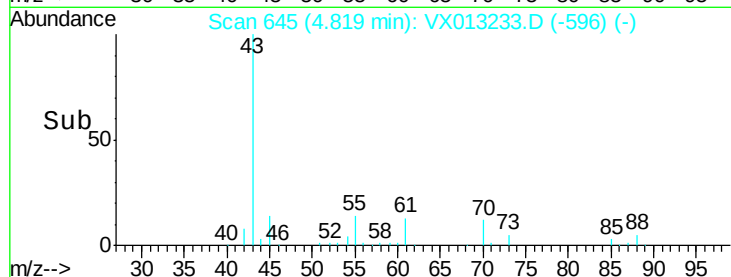
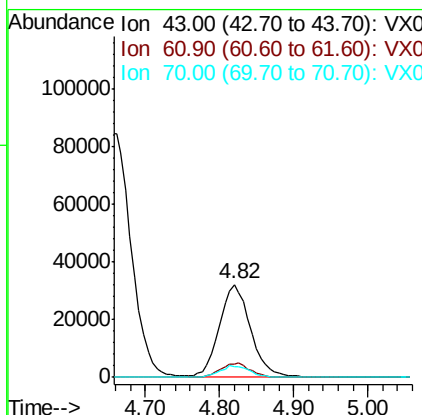
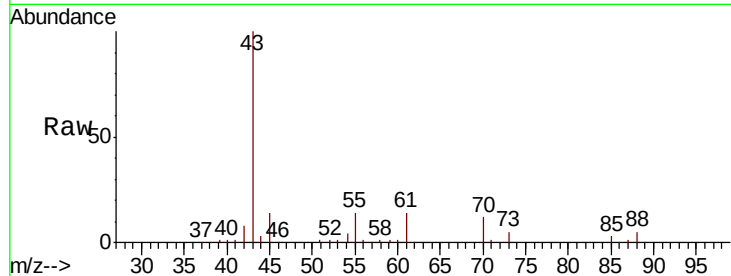
#37
Ethyl Acetate
Concen: 49.781 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX013233.D
Acq: 25 Oct 2019 16:04

Instrument :
MSVOA_X
ClientSampleId :
GW809-8.0-13.0-102419MS

Tot Ion:	43	Resp:	92735
Ion	Ratio	Lower	Upper
43	100		
61	14.7	12.1	18.1
70	12.6	10.4	15.6

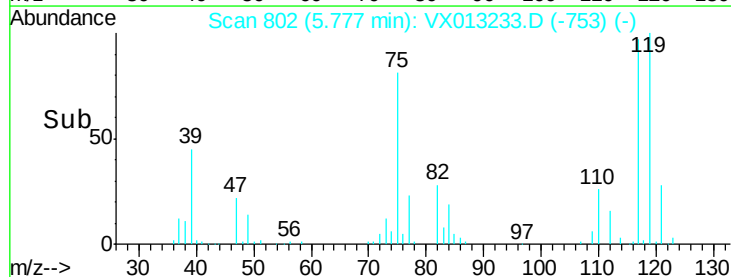
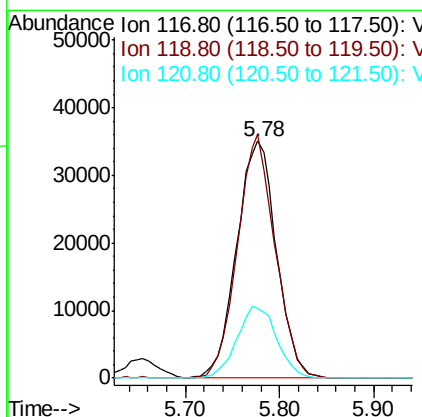
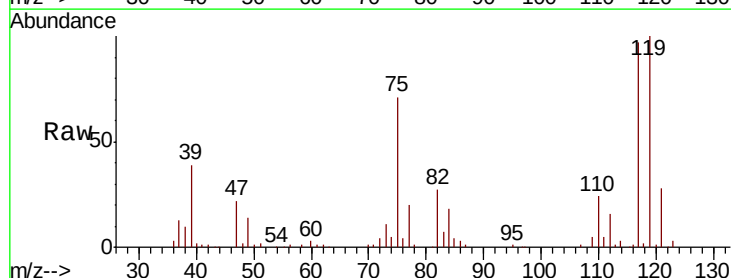
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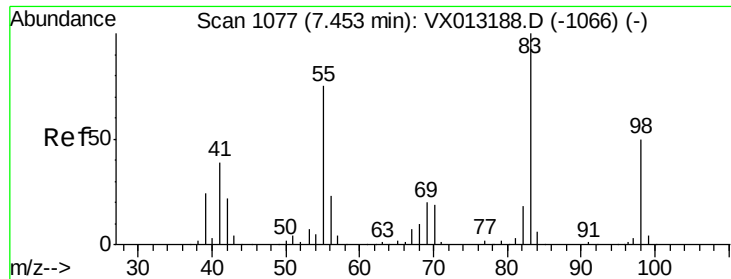
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#38
Carbon Tetrachloride
Concen: 50.062 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX013233.D
Acq: 25 Oct 2019 16:04

Tgt Ion:	117	Resp:	103440
Ion	Ratio	Lower	Upper
117	100		
119	102.7	80.1	120.1
121	29.1	25.5	38.3





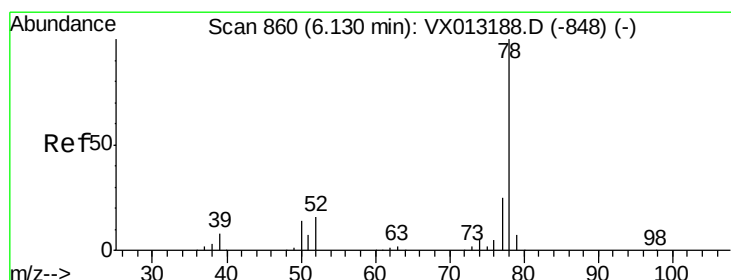
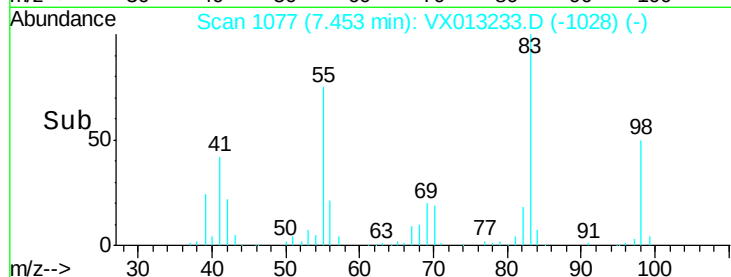
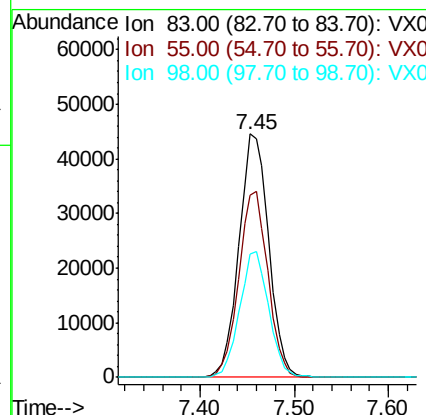
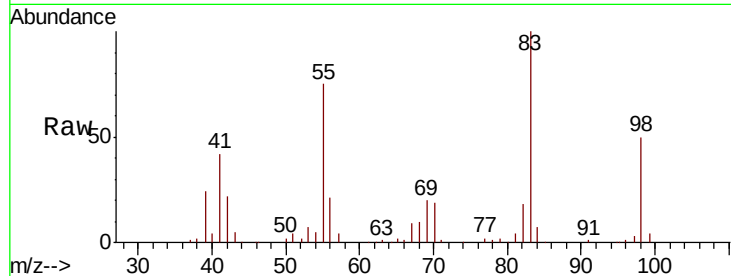
#39
Methylvlcyclohexane
Concen: 40.752 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VX013233.D
Acq: 25 Oct 2019 16:04

Instrument :
MSVOA_X
ClientSampleId :
GW809-8.0-13.0-102419MS

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.7	60.1	90.1
98	50.4	39.8	59.8

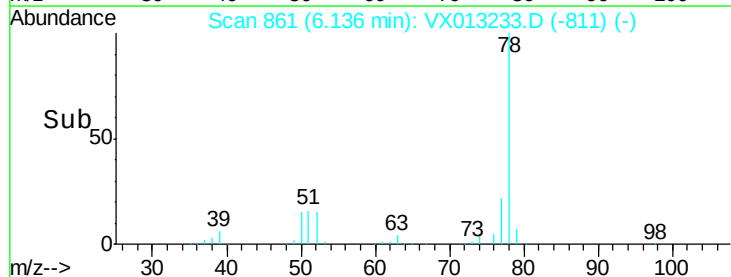
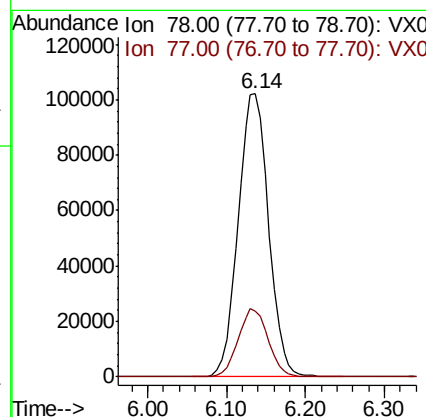
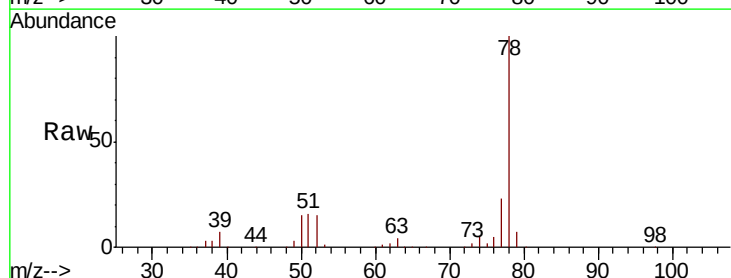
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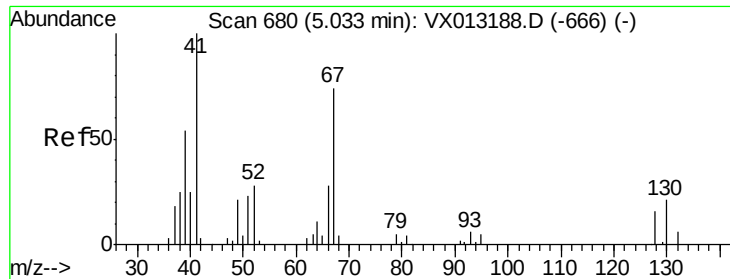
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#40
Benzene
Concen: 48.789 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX013233.D
Acq: 25 Oct 2019 16:04

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	19.6	29.4





#41

Methacrylonitrile

Concen: 52.289 ug/l

RT: 5.03 min Scan# 679

Delta R.T. -0.01 min

Lab File: VX013233.D

Acq: 25 Oct 2019 16:04

Instrument :

MSVOA_X

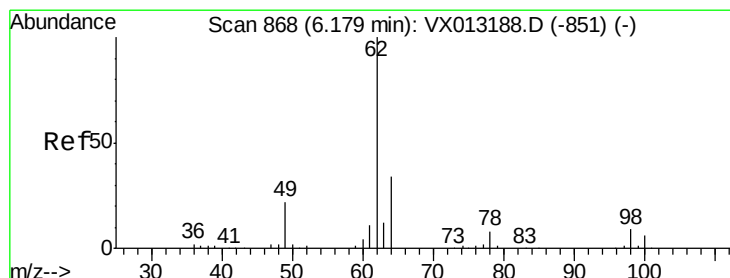
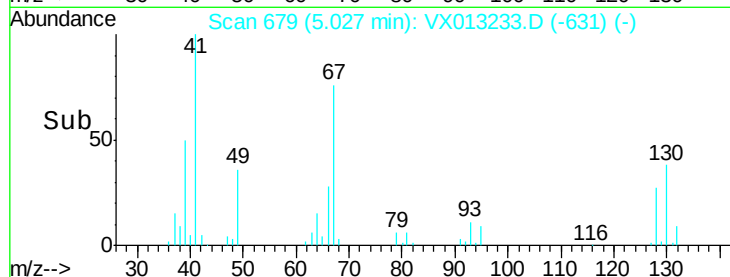
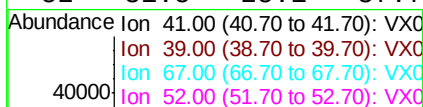
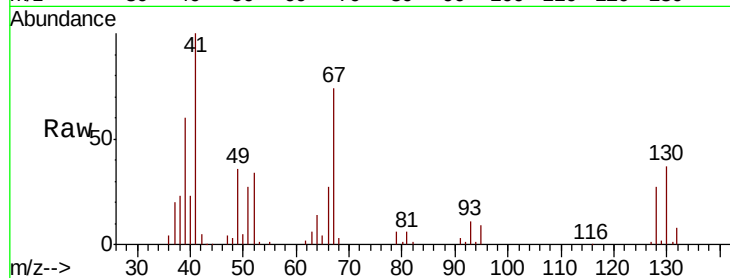
ClientSampleId :

GW809-8.0-13.0-102419MS

Tot Ion:	41	Resp:	52223
Ion	Ratio	Lower	Upper
41	100		
39	57.9	45.2	67.8
67	75.3	61.3	91.9
52	31.5	25.1	37.7

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 52.007 ug/l

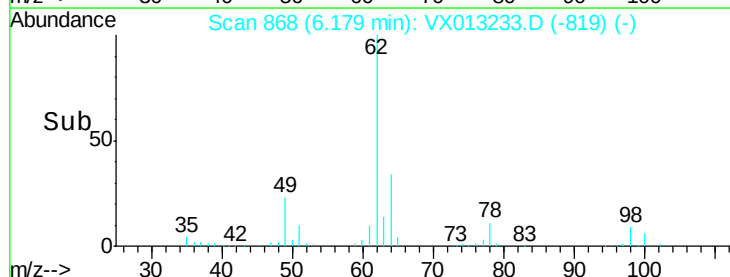
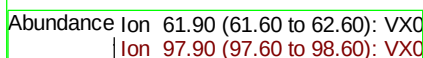
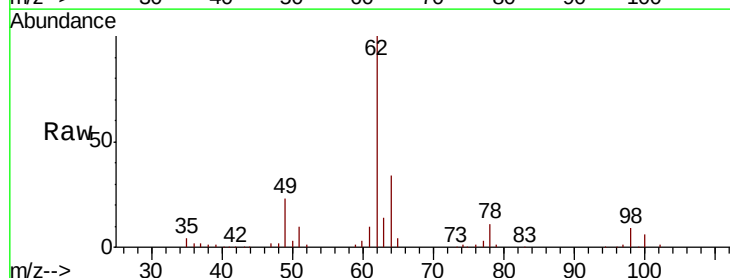
RT: 6.18 min Scan# 868

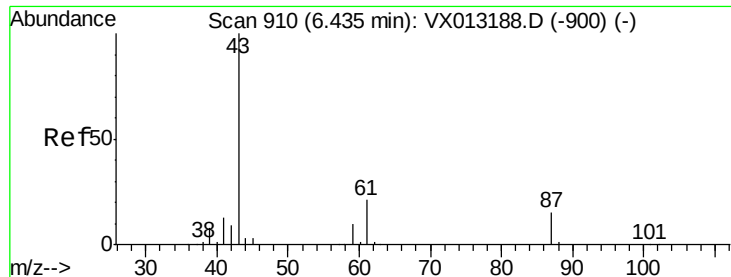
Delta R.T. 0.00 min

Lab File: VX013233.D

Acq: 25 Oct 2019 16:04

Tgt Ion:	62	Resp:	110100
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	18.4





#43

Isopropyl Acetate

Concen: 49.882 ug/l

RT: 6.44 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX013233.D

Acq: 25 Oct 2019 16:04

Instrument :

MSVOA_X

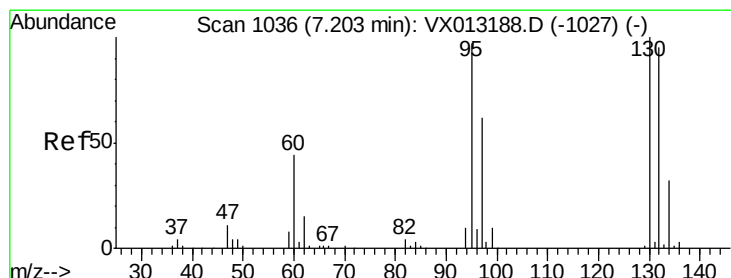
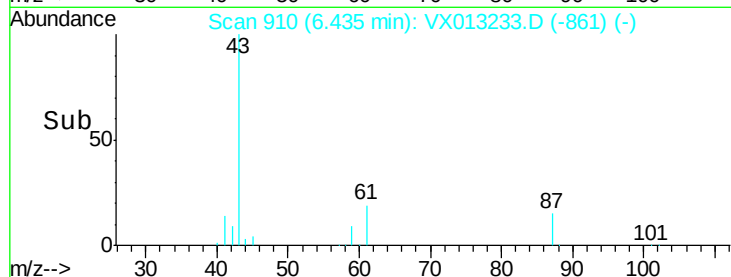
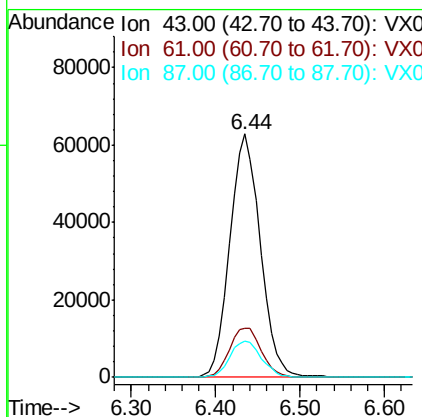
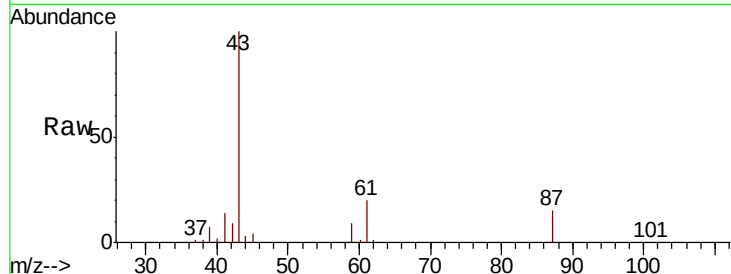
ClientSampleId :

GW809-8.0-13.0-102419MS

Tot Ion:	43	Resp:	154280
Ion	Ratio	Lower	Upper
43	100		
61	21.3	17.0	25.4
87	15.4	12.1	18.1

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#44

Trichloroethene

Concen: 48.170 ug/l

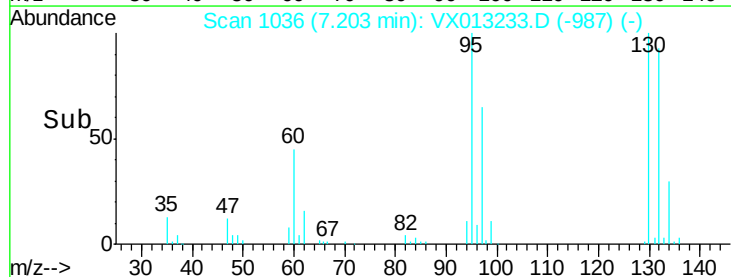
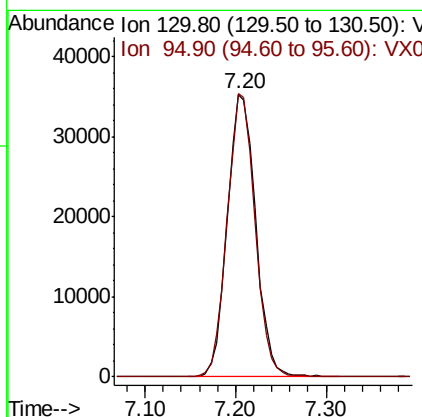
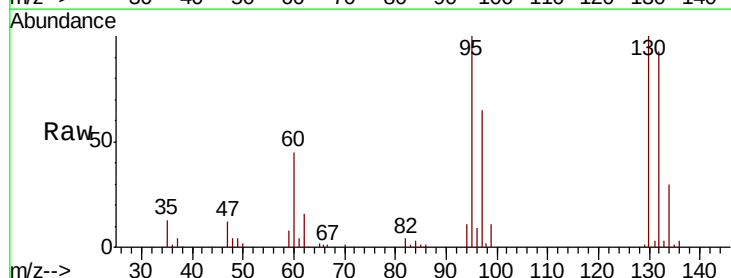
RT: 7.20 min Scan# 1036

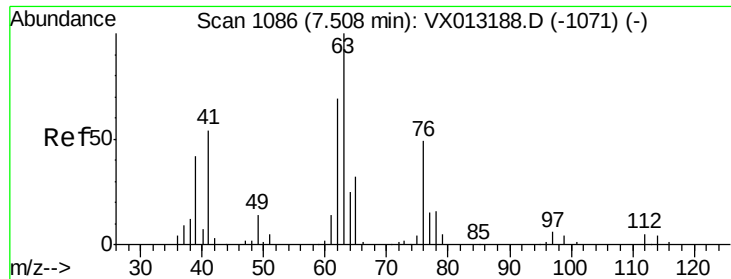
Delta R.T. 0.00 min

Lab File: VX013233.D

Acq: 25 Oct 2019 16:04

Tgt Ion:	130	Resp:	76764
Ion	Ratio	Lower	Upper
130	100		
95	100.1	0.0	193.6





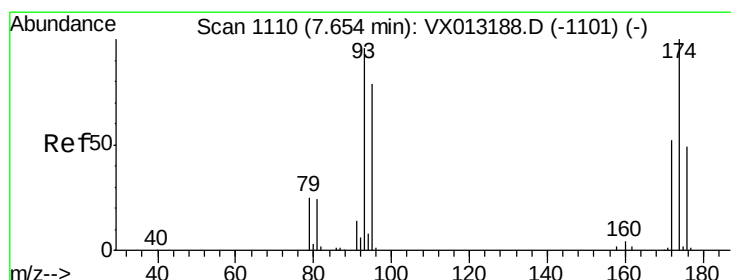
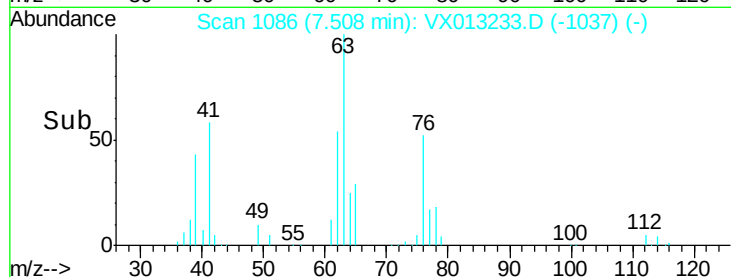
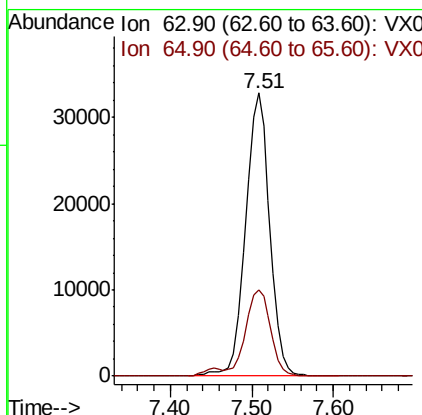
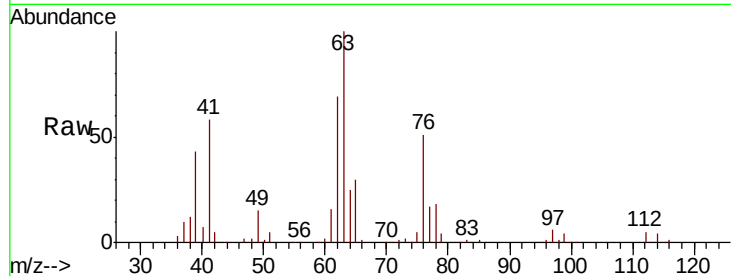
#45
 1,2-Dichloropropane
 Concen: 47.984 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX013233.D
 Acq: 25 Oct 2019 16:04

Instrument :
 MSVOA_X
 ClientSampleId :
 GW809-8.0-13.0-102419MS

Tot Ion: 63 Resp: 67482
 Ion Ratio Lower Upper
 63 100
 65 30.4 25.3 37.9

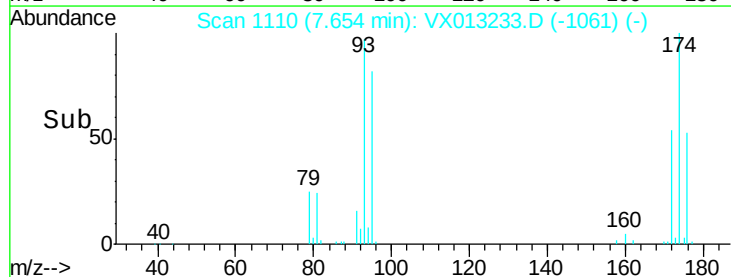
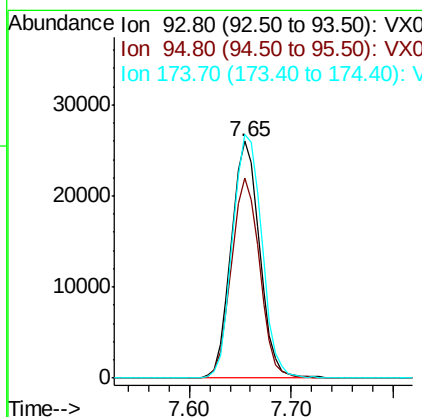
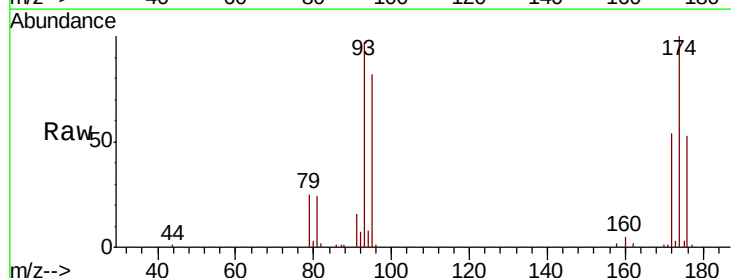
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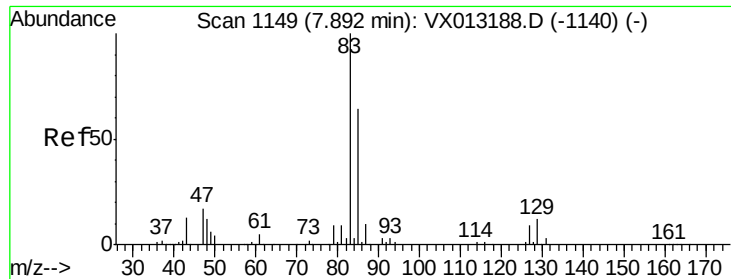
MMDadoda
 10/28/2019 12:52:57 PM



#46
 Dibromomethane
 Concen: 49.279 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX013233.D
 Acq: 25 Oct 2019 16:04

Tgt Ion: 93 Resp: 49930
 Ion Ratio Lower Upper
 93 100
 95 84.4 66.2 99.4
 174 106.4 85.2 127.8





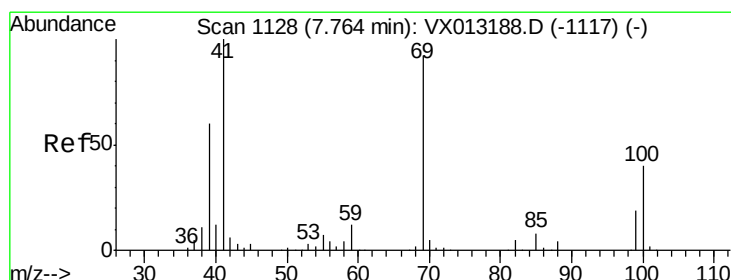
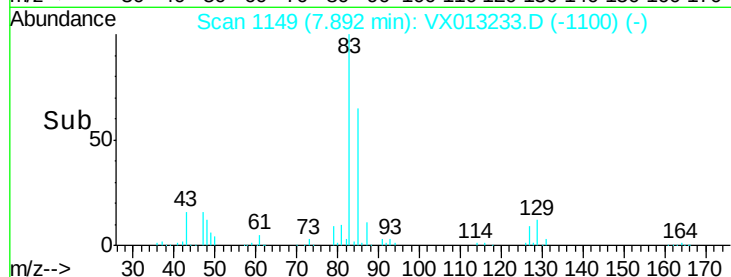
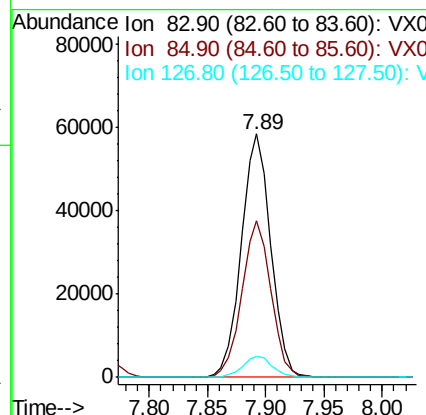
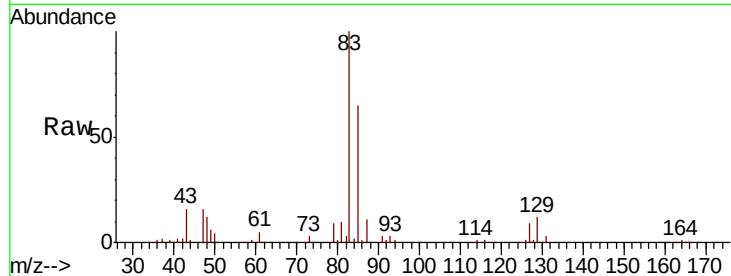
#47
Bromodichloromethane
Concen: 52.074 ug/l
RT: 7.89 min Scan# 1149
Delta R.T. 0.00 min
Lab File: VX013233.D
Acq: 25 Oct 2019 16:04

Instrument :
MSVOA_X
ClientSampleId :
GW809-8.0-13.0-102419MS

Tot Ion	Ratio	Lower	Upper
83	100		
85	64.5	51.0	76.6
127	8.8	7.2	10.8

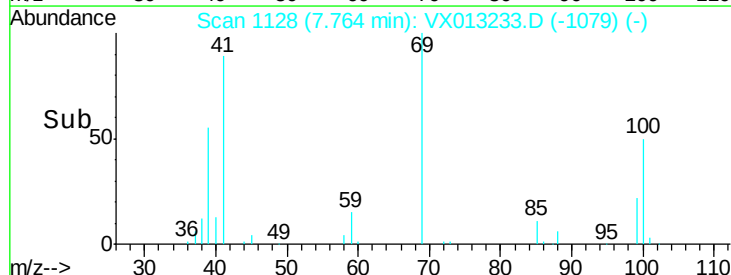
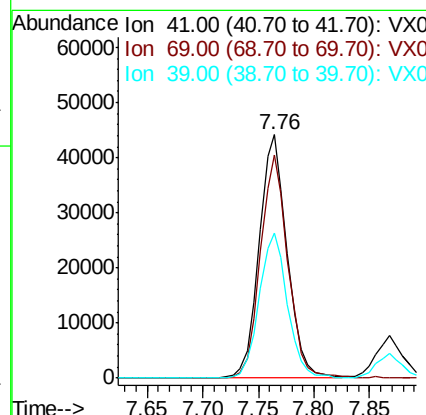
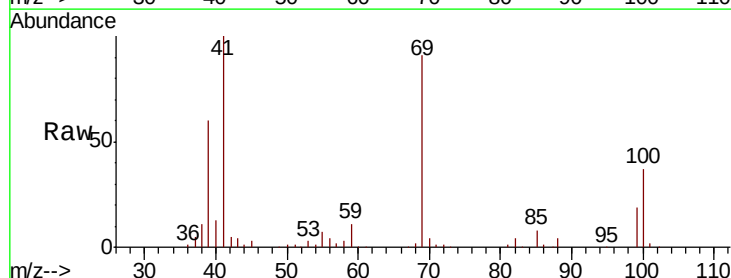
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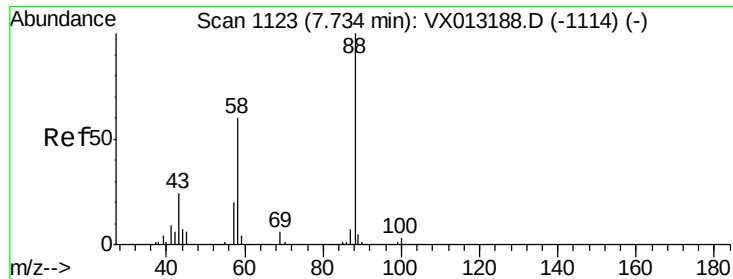
MMDadoda
10/28/2019 12:52:57 PM



#48
Methyl methacrylate
Concen: 50.767 ug/l
RT: 7.76 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX013233.D
Acq: 25 Oct 2019 16:04

Tgt Ion	Ratio	Lower	Upper
41	100		
69	89.8	72.0	108.0
39	60.1	47.4	71.0





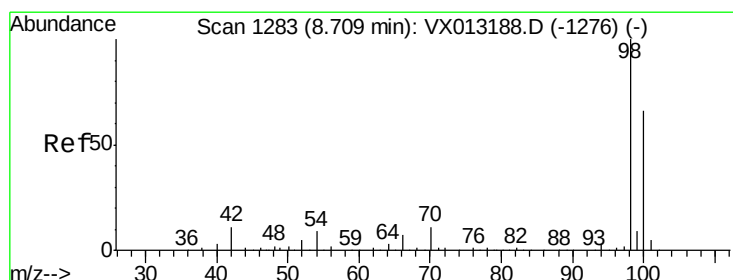
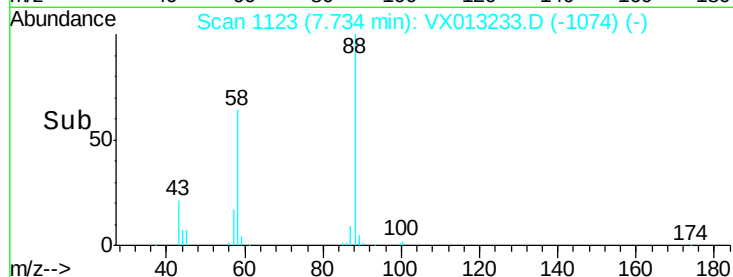
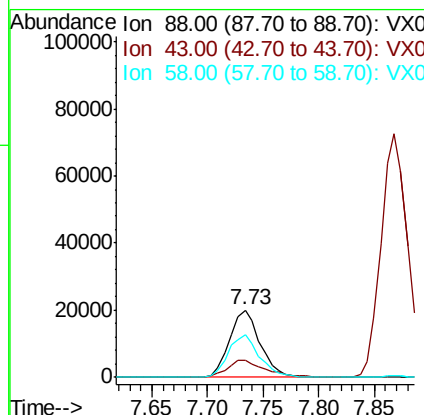
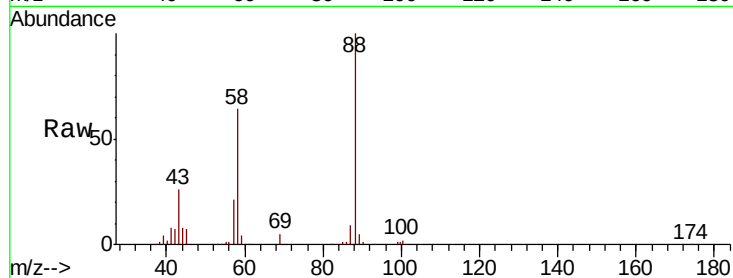
#49
1,4-Dioxane
Concen: 978.418 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX013233.D
Acq: 25 Oct 2019 16:04

Instrument :
MSVOA_X
ClientSampleId :
GW809-8.0-13.0-102419MS

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.9	24.5	36.7
58	66.0	54.1	81.1

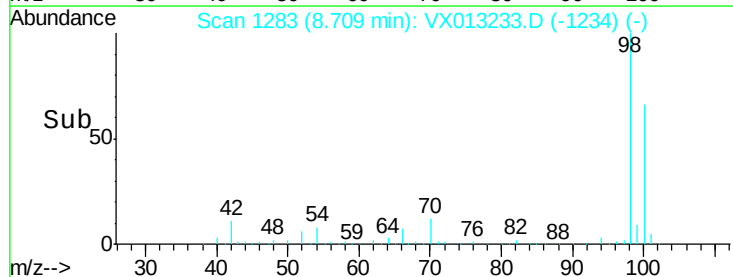
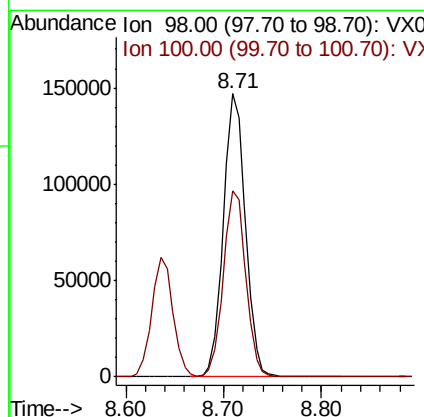
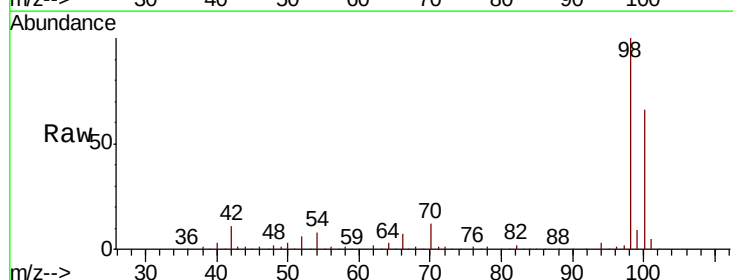
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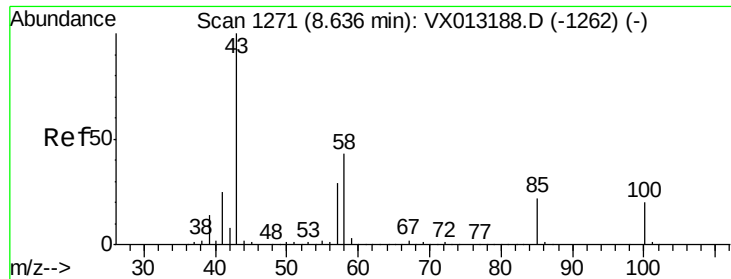
MMDadoda
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#50
Toluene-d8
Concen: 49.908 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013233.D
Acq: 25 Oct 2019 16:04

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.5	53.3	79.9





#51

4-Methyl-2-Pentanone

Concen: 253.814 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX013233.D

Acq: 25 Oct 2019 16:04

Instrument :

MSVOA_X

ClientSampleId :

GW809-8.0-13.0-102419MS

Tot Ion: 43 Resp: 478496

Ion Ratio Lower Upper

43 100

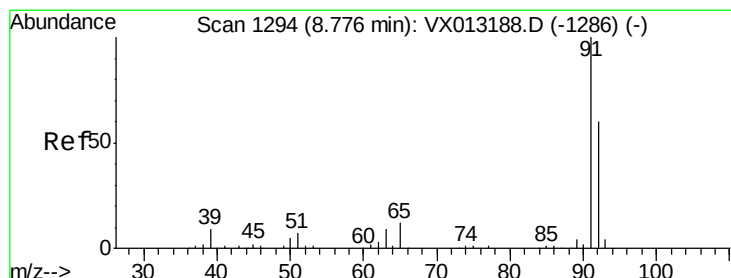
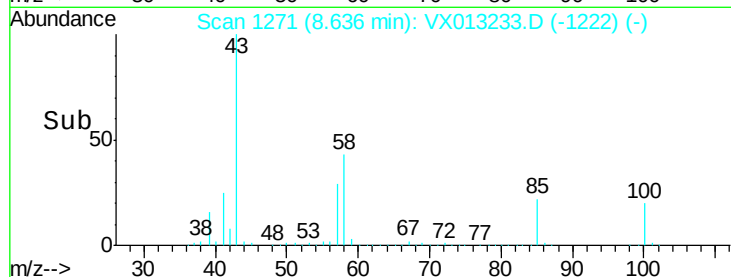
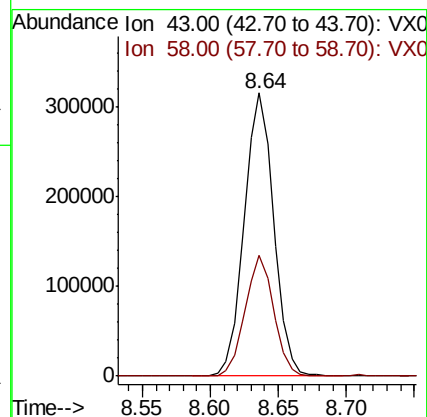
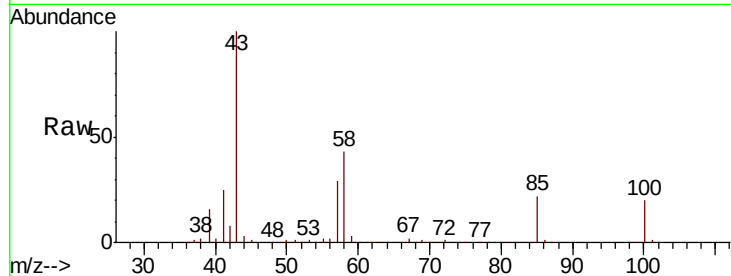
58 41.5 33.9 50.9

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#52

Toluene

Concen: 47.604 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.01 min

Lab File: VX013233.D

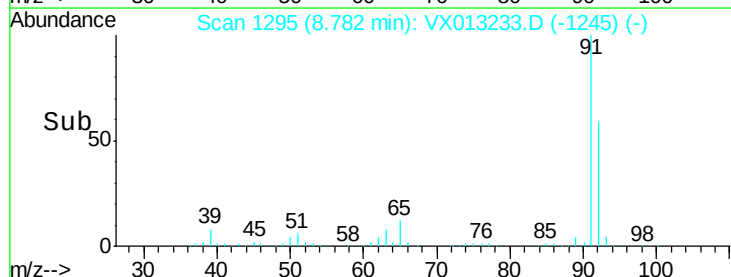
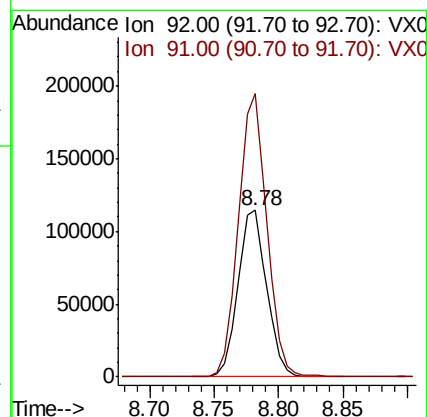
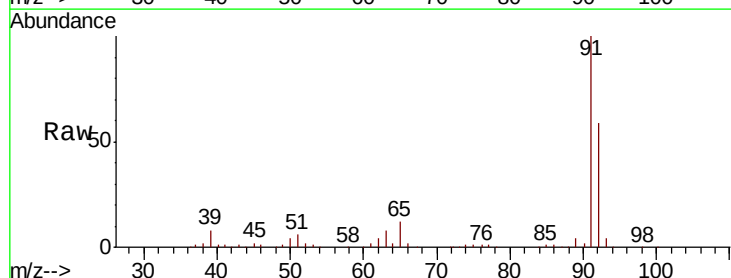
Acq: 25 Oct 2019 16:04

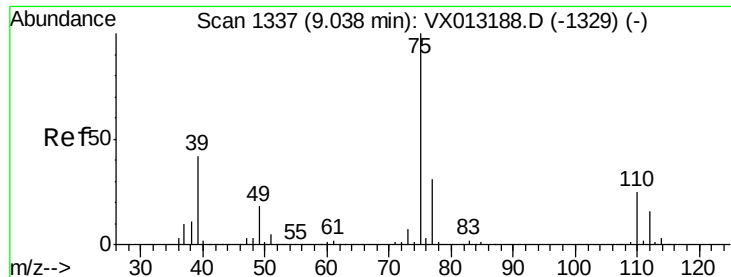
Tgt Ion: 92 Resp: 177141

Ion Ratio Lower Upper

92 100

91 168.7 133.9 200.9





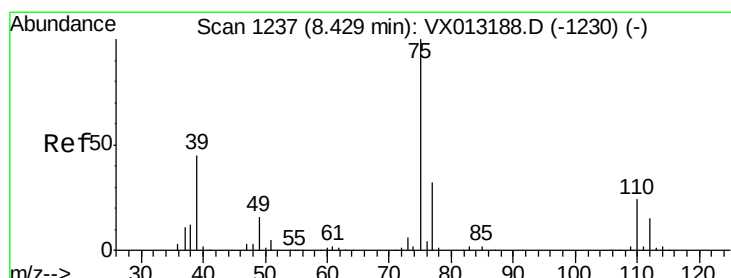
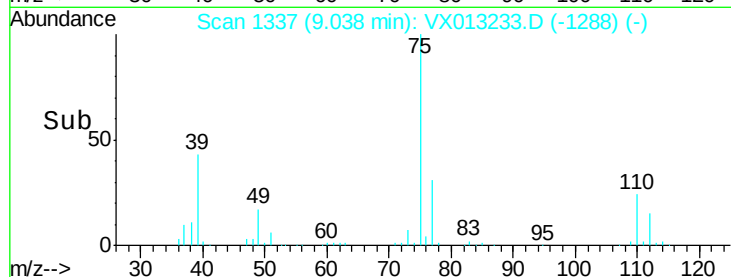
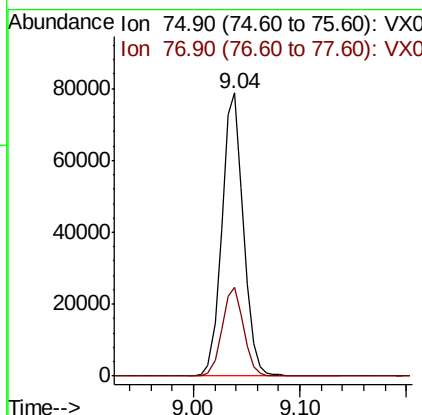
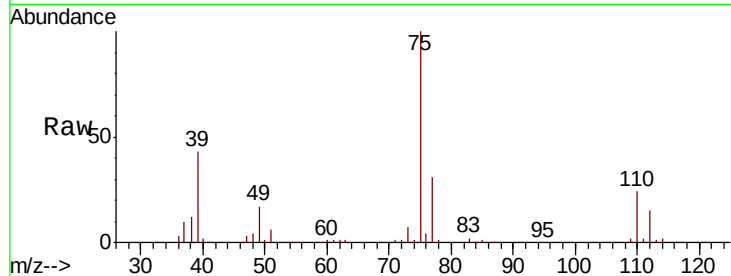
#53
t-1,3-Dichloropropene
Concen: 52.826 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX013233.D
Acq: 25 Oct 2019 16:04

Instrument :
MSVOA_X
ClientSampleId :
GW809-8.0-13.0-102419MS

Tot Ion: 75 Resp: 110845
Ion Ratio Lower Upper
75 100
77 31.3 24.7 37.1

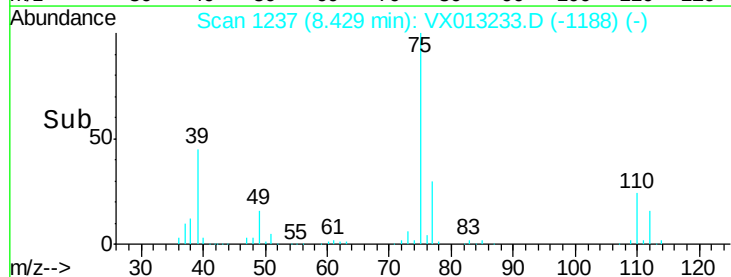
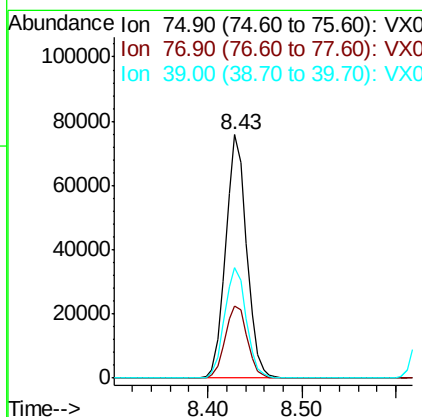
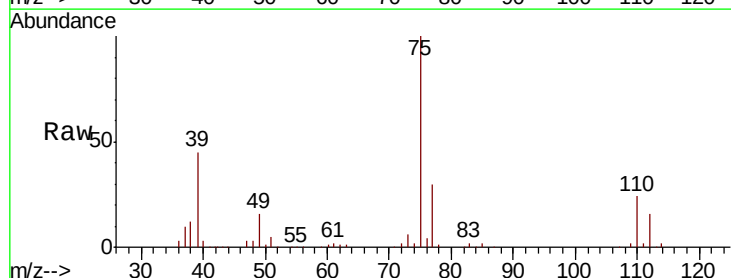
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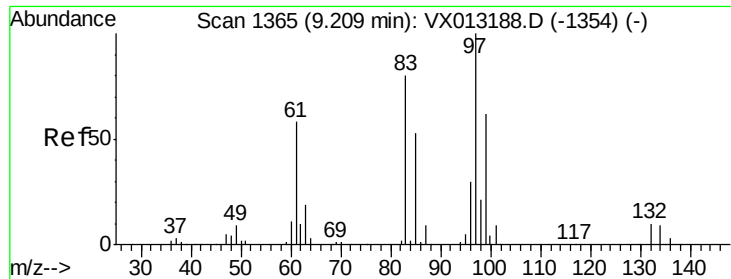
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 51.009 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX013233.D
Acq: 25 Oct 2019 16:04

Tgt Ion: 75 Resp: 117087
Ion Ratio Lower Upper
75 100
77 29.7 25.4 38.0
39 45.4 36.2 54.4





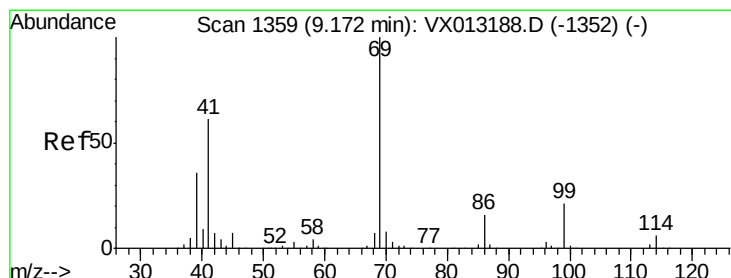
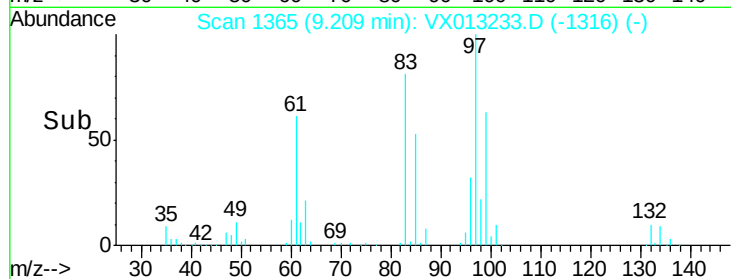
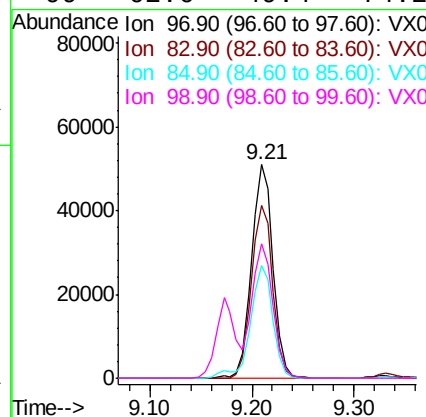
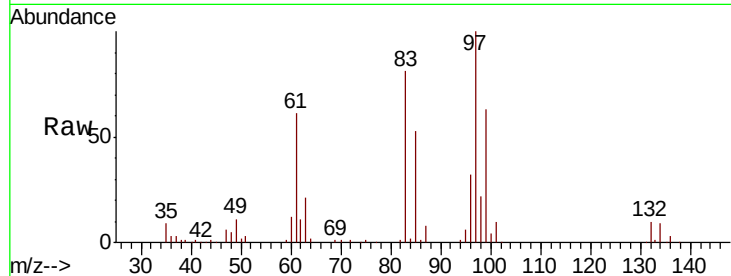
#55
1,1,2-Trichloroethane
Concen: 50.741 ug/l
RT: 9.21 min Scan# 1365
Delta R.T. 0.00 min
Lab File: VX013233.D
Acq: 25 Oct 2019 16:04

Instrument :
MSVOA_X
ClientSampleId :
GW809-8.0-13.0-102419MS

Tot Ion	Ratio	Lower	Upper
97	100		
83	80.9	64.1	96.1
85	52.9	42.1	63.1
99	62.6	49.4	74.2

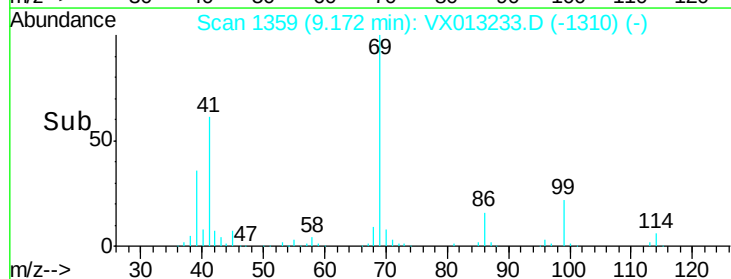
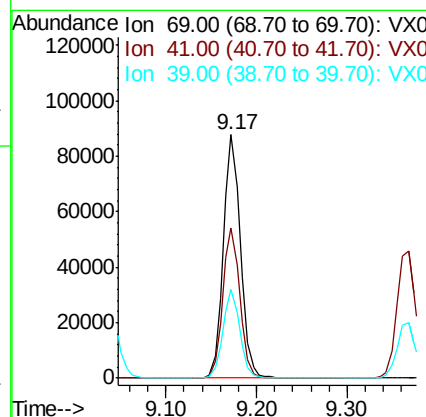
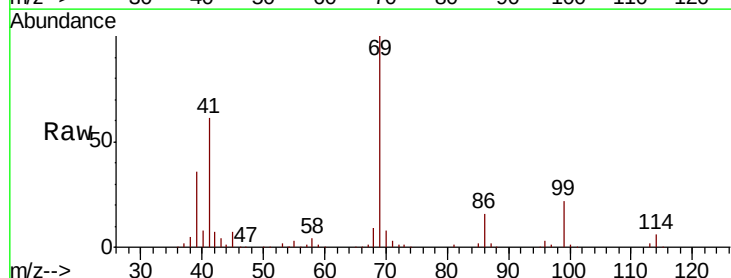
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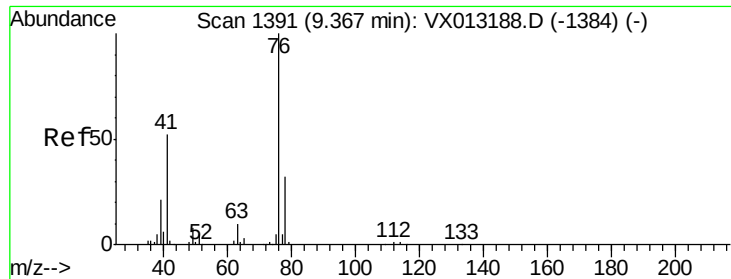
MMDadoda
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#56
Ethyl methacrylate
Concen: 52.395 ug/l
RT: 9.17 min Scan# 1359
Delta R.T. 0.00 min
Lab File: VX013233.D
Acq: 25 Oct 2019 16:04

Tgt Ion	Ratio	Lower	Upper
69	100		
41	61.7	49.5	74.3
39	35.9	28.3	42.5





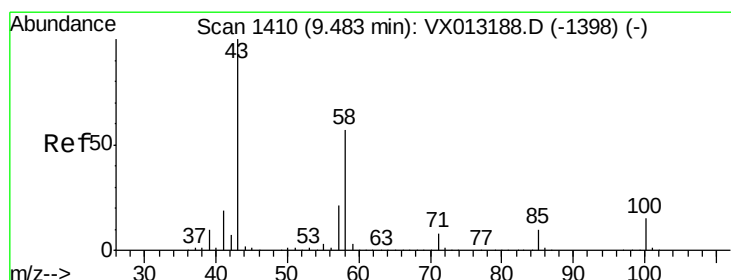
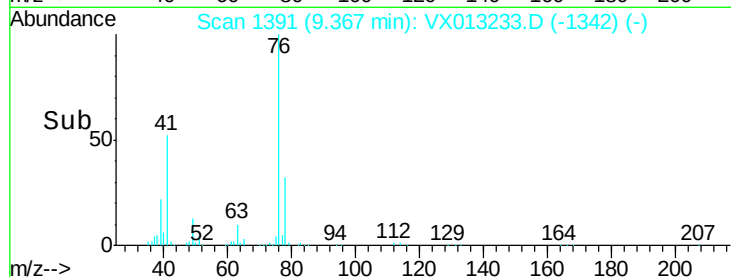
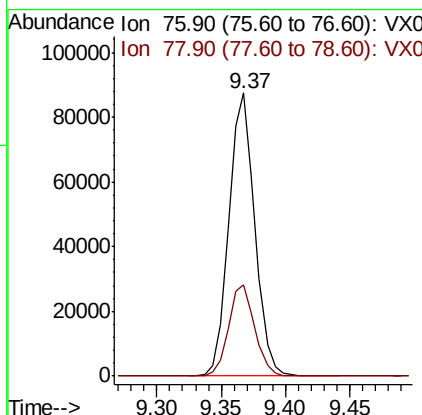
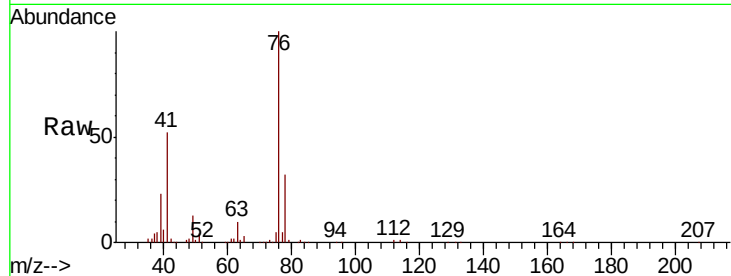
#57
 1,3-Dichloropropane
 Concen: 49.622 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX013233.D
 Acq: 25 Oct 2019 16:04

Instrument :
 MSVOA_X
 ClientSampleId :
 GW809-8.0-13.0-102419MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.2	26.1	39.1

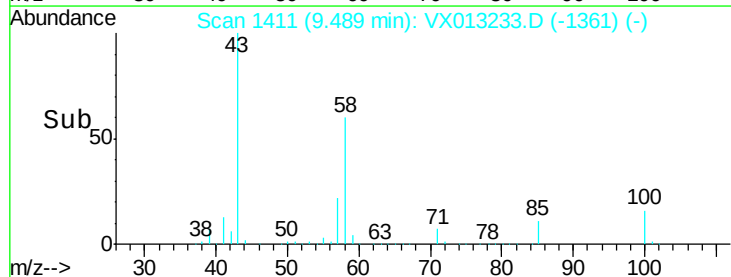
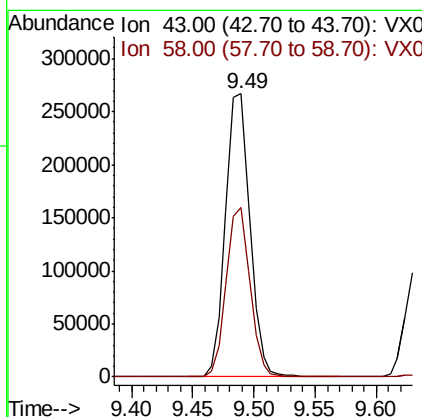
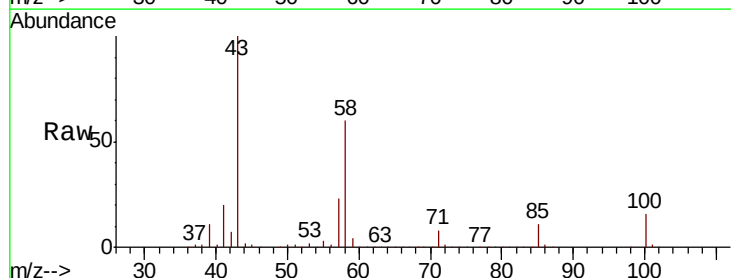
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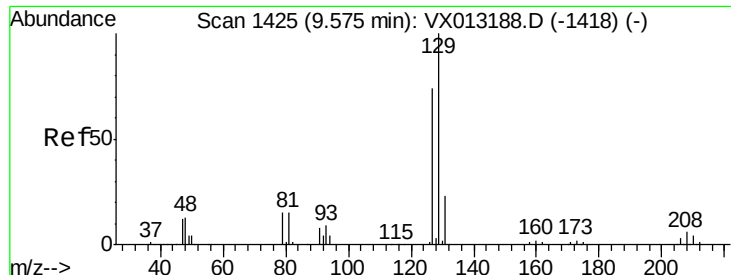
MMDadoda
 10/28/2019 12:52:57 PM



#59
 2-Hexanone
 Concen: 255.476 ug/l
 RT: 9.49 min Scan# 1411
 Delta R.T. 0.01 min
 Lab File: VX013233.D
 Acq: 25 Oct 2019 16:04

Tgt Ion	Ratio	Lower	Upper
43	100		
58	58.1	28.2	84.7





#60

Dibromochloromethane

Concen: 52.941 ug/l

RT: 9.58 min Scan# 1426

Delta R.T. 0.01 min

Lab File: VX013233.D

Acq: 25 Oct 2019 16:04

Instrument :

MSVOA_X

ClientSampleId :

GW809-8.0-13.0-102419MS

Tot Ion:129 Resp: 81613

Ion Ratio Lower Upper

129 100

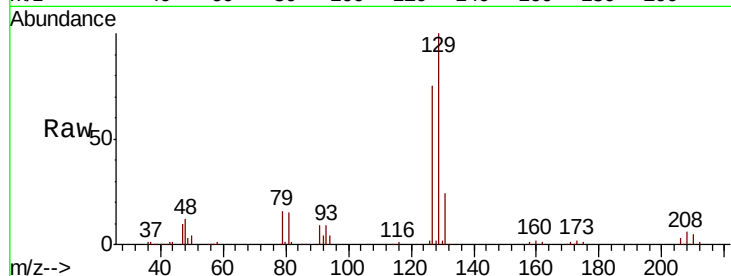
127 78.2 38.2 114.6

Manual Integrations

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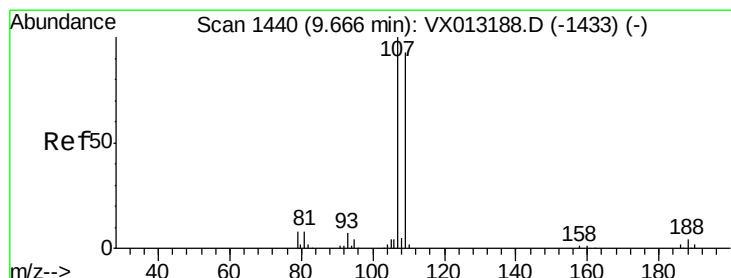
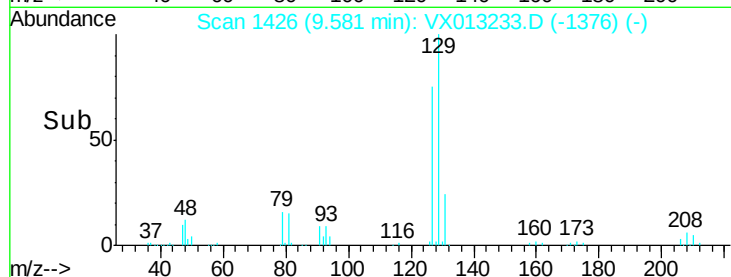
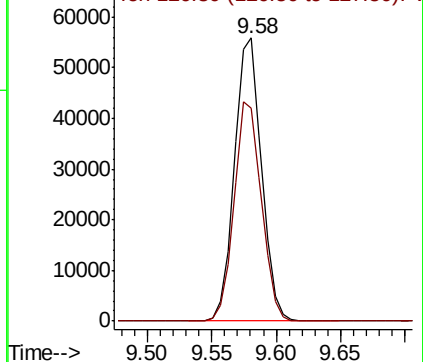
MMDadoda

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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: 50.999 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX013233.D

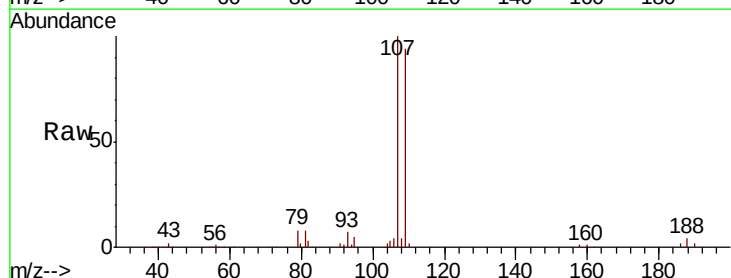
Acq: 25 Oct 2019 16:04

Tgt Ion:107 Resp: 79651

Ion Ratio Lower Upper

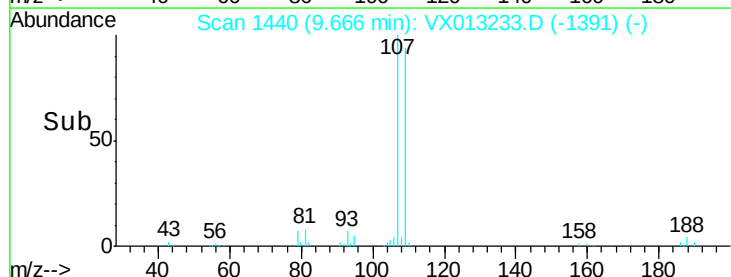
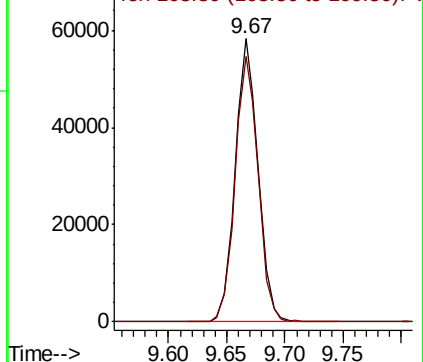
107 100

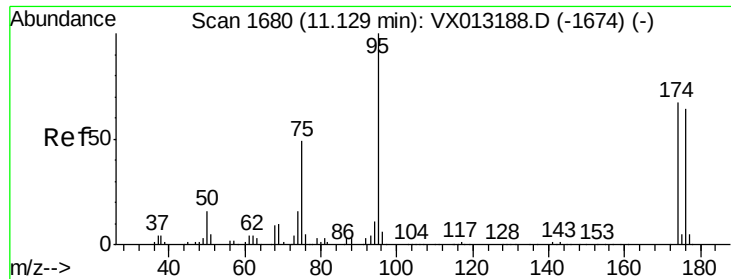
109 94.7 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





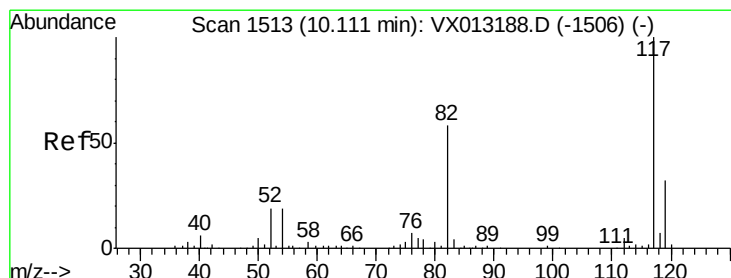
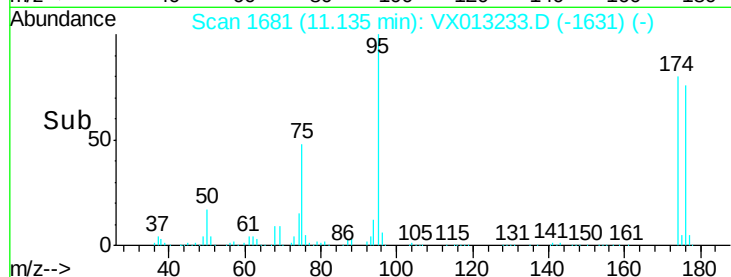
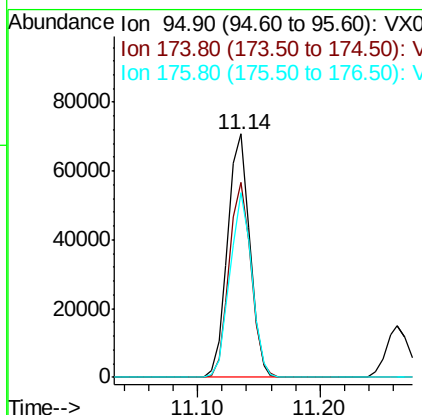
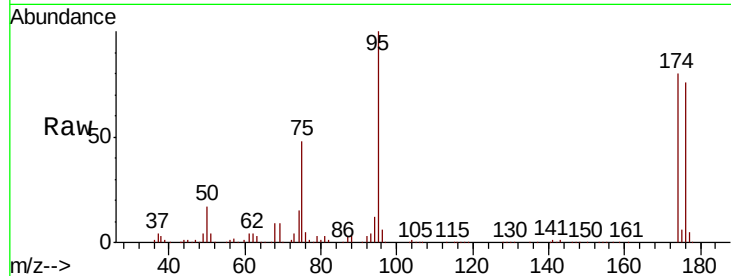
#62
4-Bromofluorobenzene
Concen: 48.628 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VX013233.D
Acq: 25 Oct 2019 16:04

Instrument :
MSVOA_X
ClientSampleId :
GW809-8.0-13.0-102419MS

Tot Ion	Ratio	Resp	Lower	Upper
95	100	88916		
174	79.1	0.0	152.4	
176	74.5	0.0	146.0	

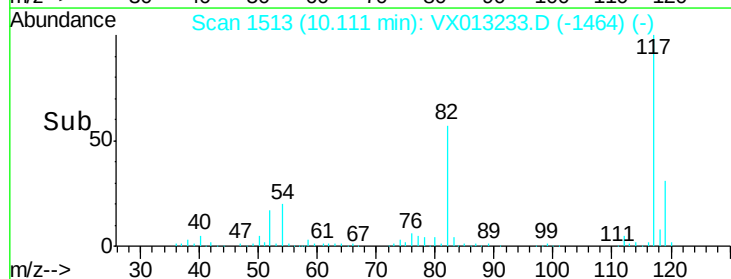
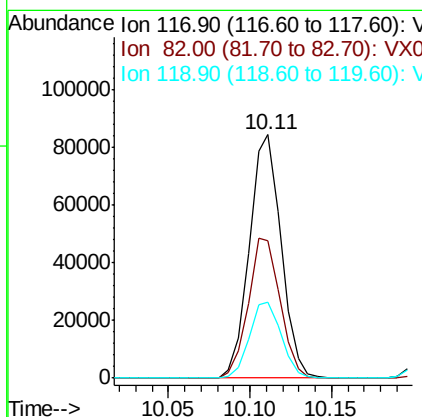
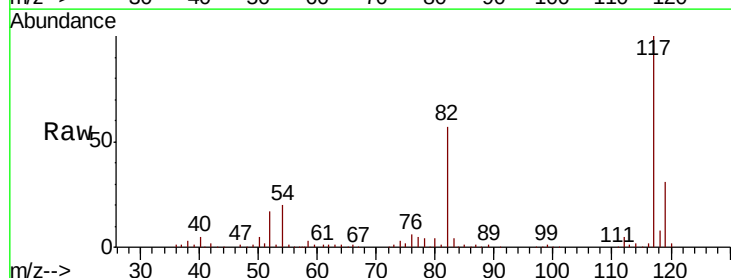
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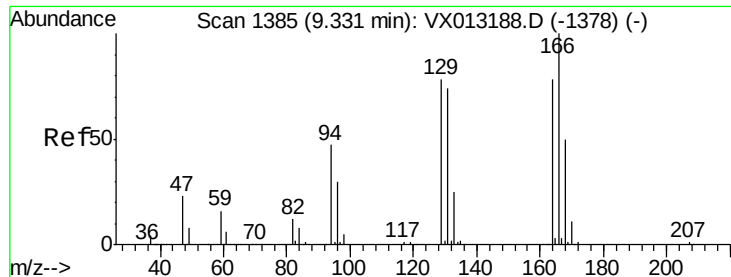
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013233.D
Acq: 25 Oct 2019 16:04

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	114698		
82	56.6	46.5	69.7	
119	31.4	25.2	37.8	





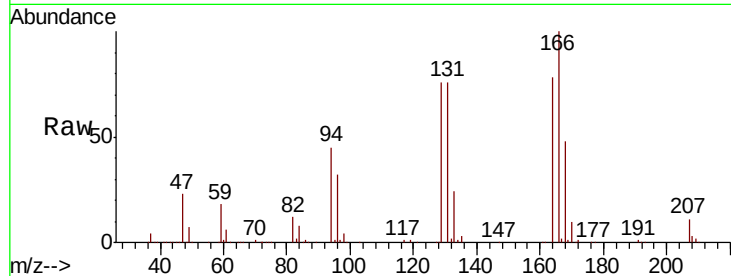
#64
Tetrachloroethene
Concen: 52.269 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013233.D
Acq: 25 Oct 2019 16:04

Instrument :
MSVOA_X
ClientSampleId :
GW809-8.0-13.0-102419MS

Tot Ion	Ratio	Lower	Upper
164	100		
166	127.4	102.2	153.4
129	96.2	79.8	119.8
131	96.3	75.3	112.9

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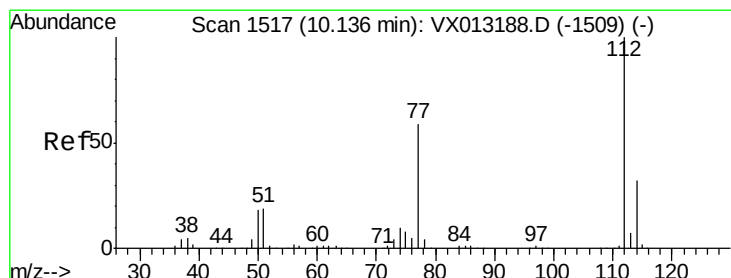
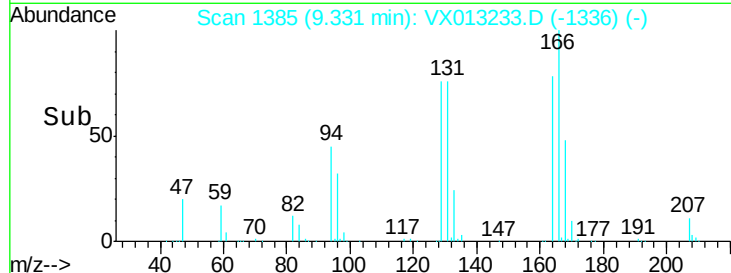
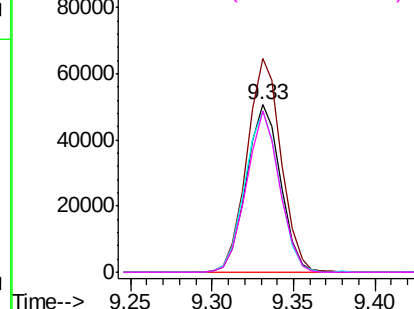
Abundance

Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

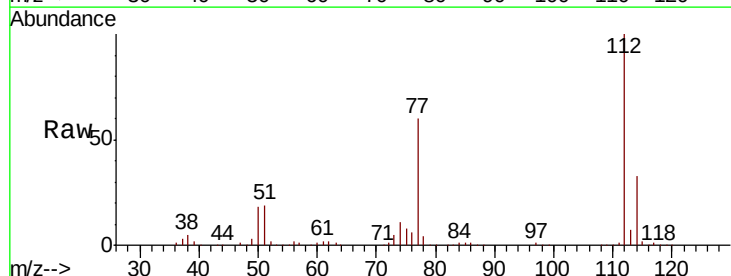
Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65
Chlorobenzene
Concen: 46.958 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX013233.D
Acq: 25 Oct 2019 16:04

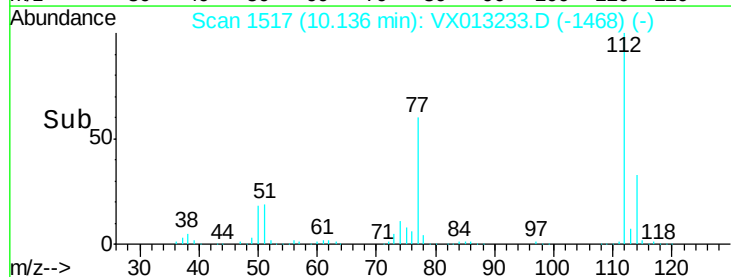
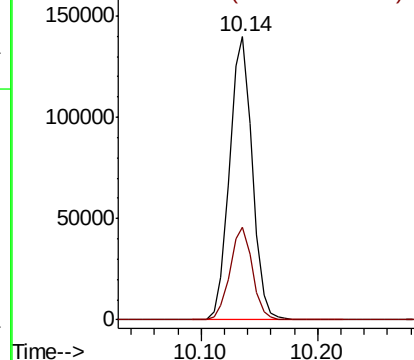
Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.8	25.8	38.8

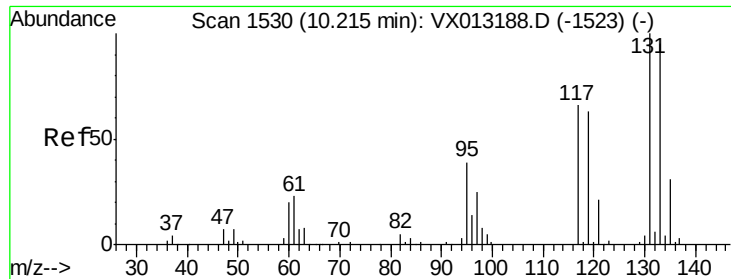


Abundance

Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 50.865 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX013233.D

Acq: 25 Oct 2019 16:04

Instrument :

MSVOA_X

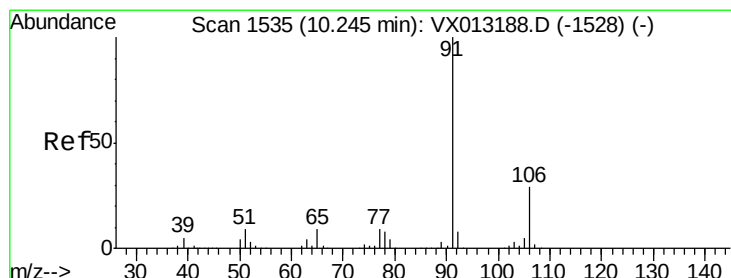
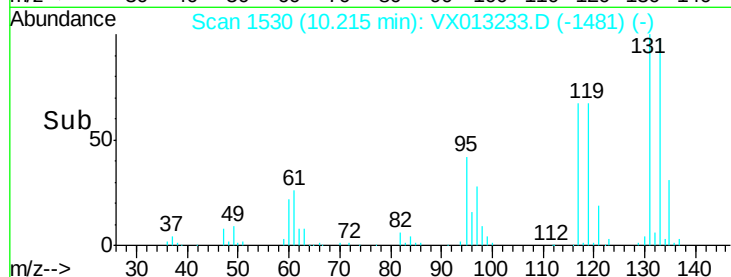
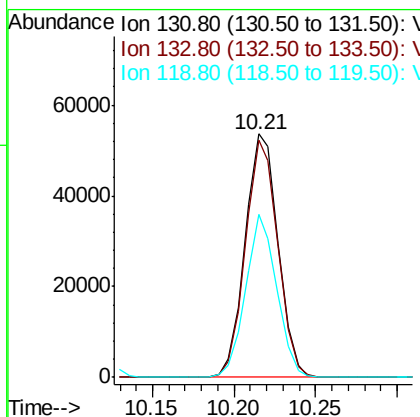
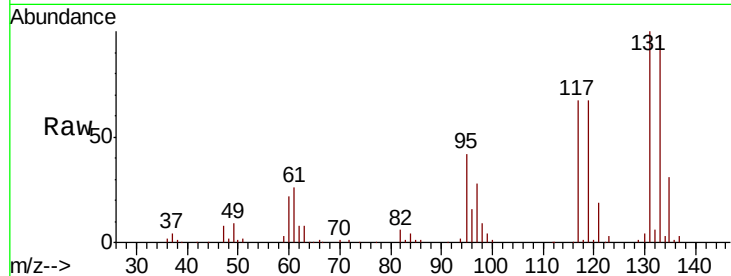
ClientSampleId :

GW809-8.0-13.0-102419MS

Tot Ion	Ratio	Lower	Upper
131	100		
133	95.9	48.4	145.2
119	63.3	32.4	97.0

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#67

Ethyl Benzene

Concen: 48.061 ug/l

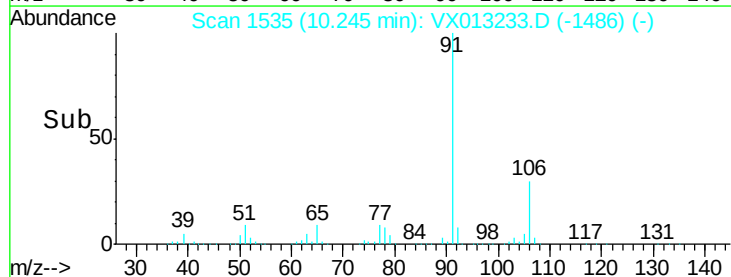
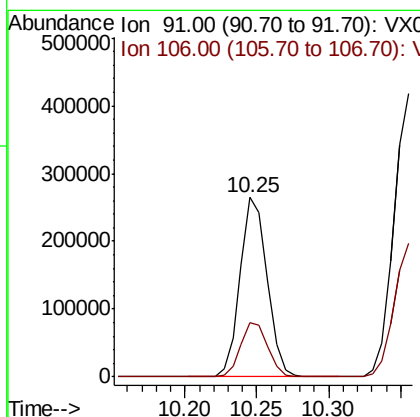
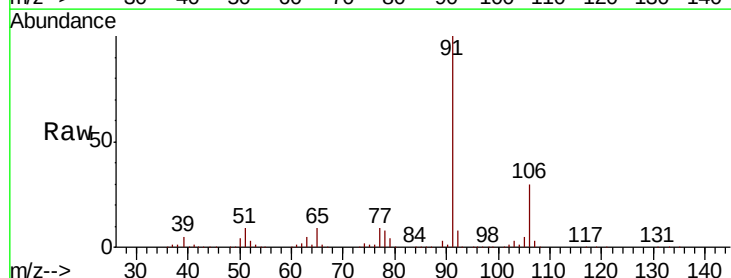
RT: 10.25 min Scan# 1535

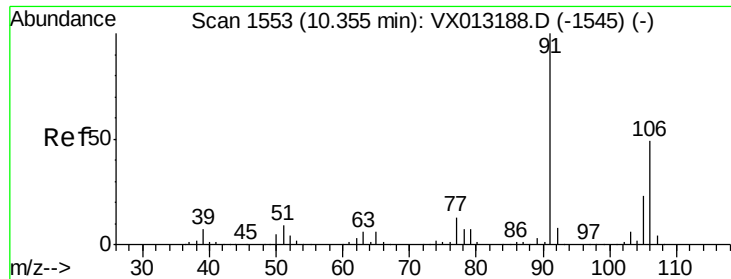
Delta R.T. 0.00 min

Lab File: VX013233.D

Acq: 25 Oct 2019 16:04

Tgt Ion	Ratio	Lower	Upper
91	100		
106	30.4	23.5	35.3





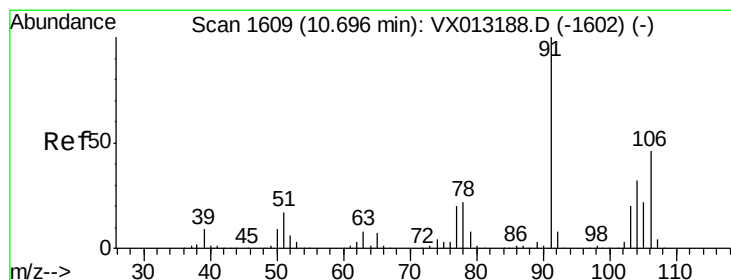
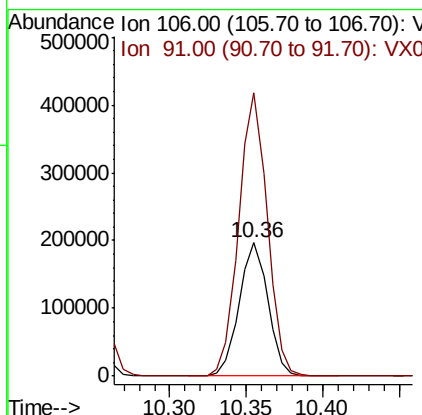
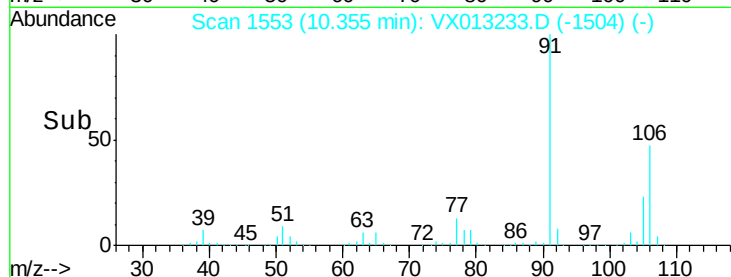
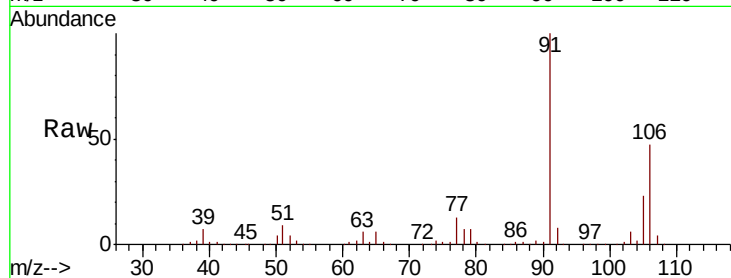
#68
m/p-Xylenes
Concen: 94.766 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX013233.D
Acq: 25 Oct 2019 16:04

Instrument :
MSVOA_X
ClientSampleId :
GW809-8.0-13.0-102419MS

Tot Ion:106 Resp: 257425
Ion Ratio Lower Upper
106 100
91 209.9 166.8 250.2

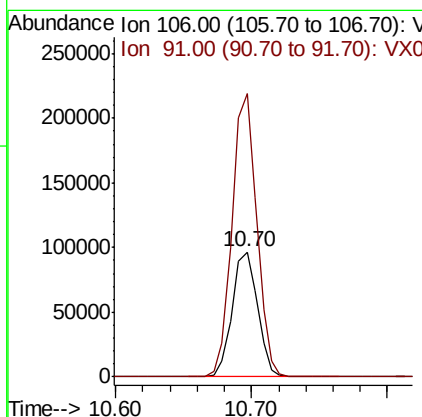
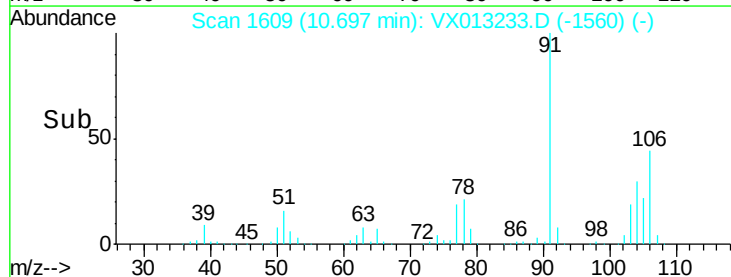
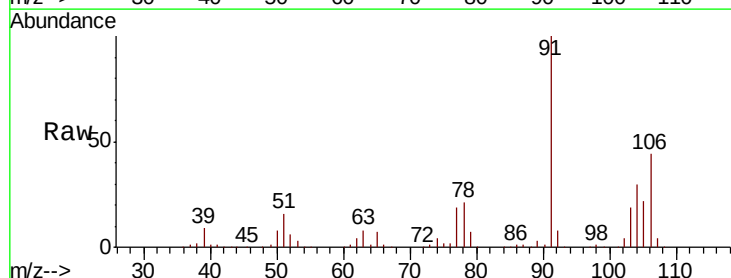
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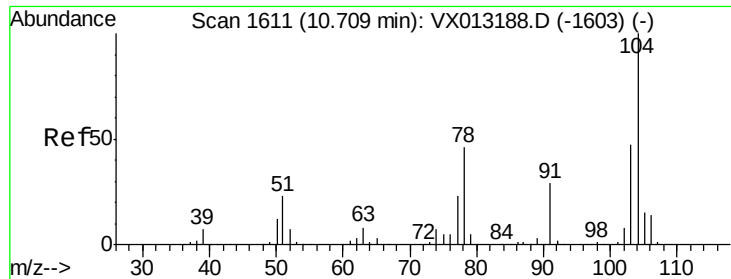
MMDadoda
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#69
o-Xylene
Concen: 48.293 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013233.D
Acq: 25 Oct 2019 16:04

Tgt Ion:106 Resp: 125844
Ion Ratio Lower Upper
106 100
91 220.2 110.7 331.9





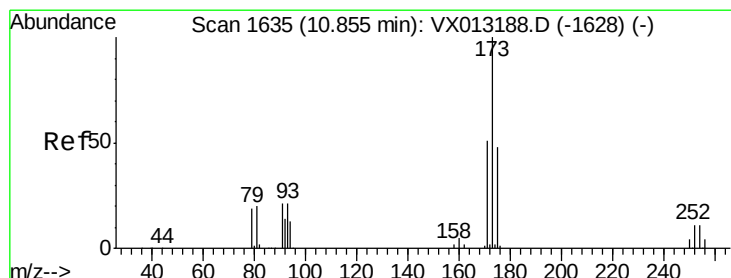
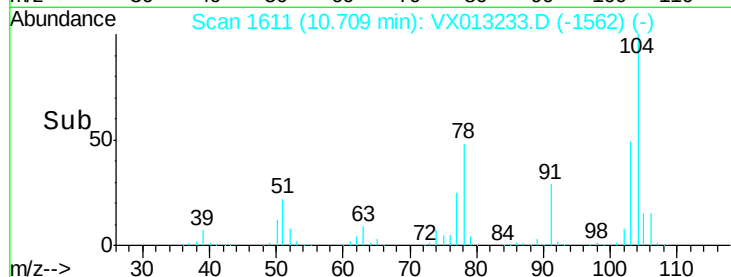
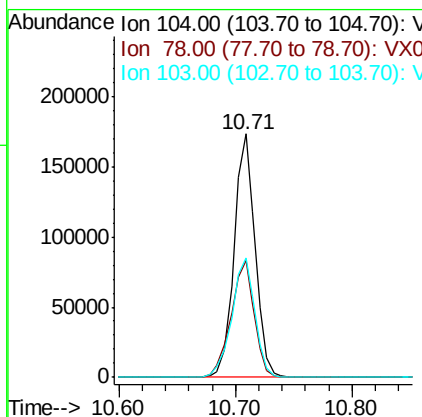
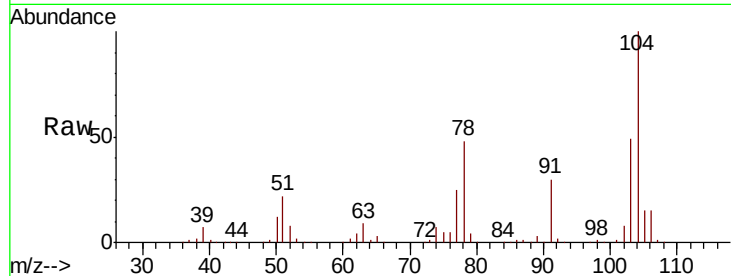
#70
Stvrene
Concen: 48.443 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013233.D
Acq: 25 Oct 2019 16:04

Instrument :
MSVOA_X
ClientSampleId :
GW809-8.0-13.0-102419MS

Tot Ion	Ratio	Resp	Lower	Upper
104	100	217365		
78	53.2		42.2	63.4
103	54.0		42.8	64.2

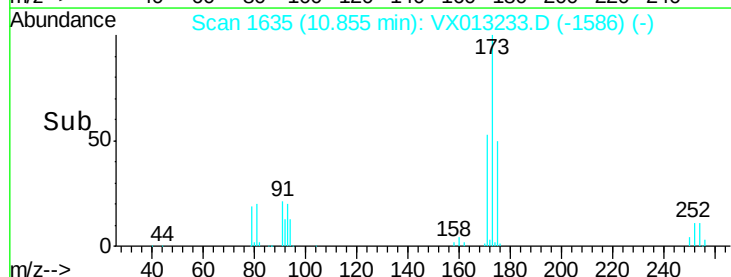
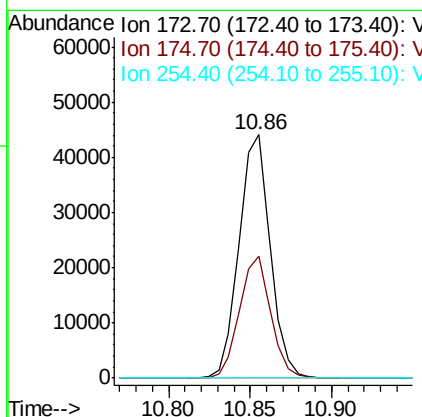
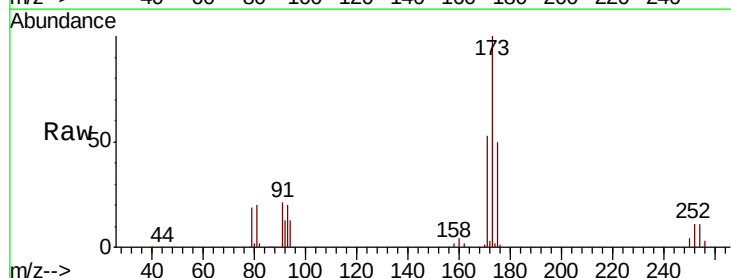
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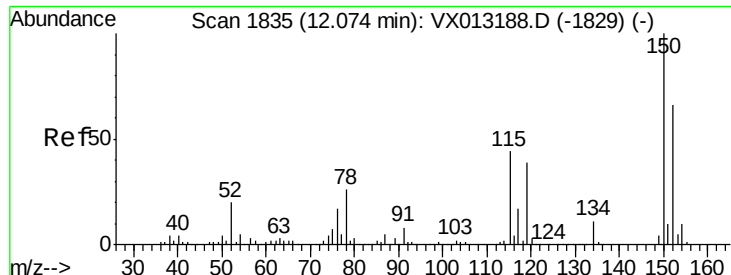
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#71
Bromoform
Concen: 54.227 ug/l
RT: 10.86 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX013233.D
Acq: 25 Oct 2019 16:04

Tgt Ion	Ratio	Resp	Lower	Upper
173	100	58769		
175	50.0		24.3	72.8
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: VX013233.D

Acq: 25 Oct 2019 16:04

Instrument :

MSVOA_X

ClientSampleId :

GW809-8.0-13.0-102419MS

Tot Ion:152 Resp: 76927

Ion Ratio Lower Upper

152 100

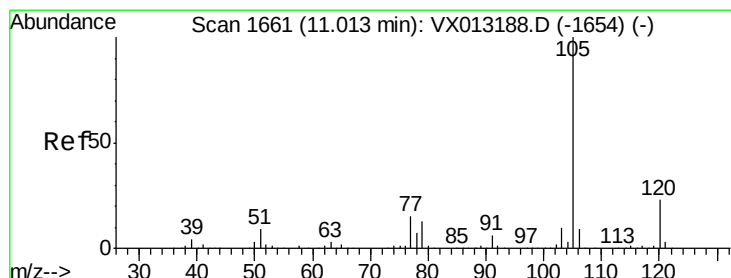
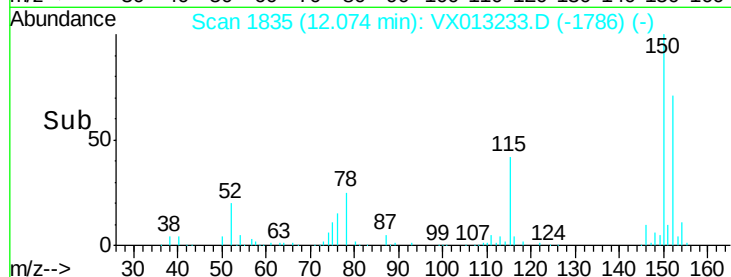
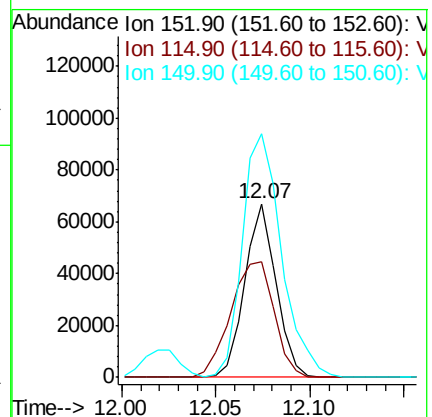
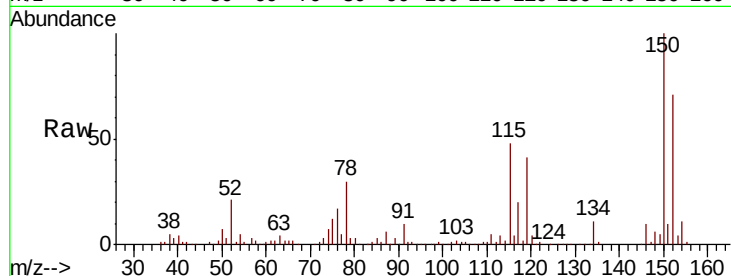
115 93.2 46.6 139.8

150 176.2 0.0 354.0

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#73

Isopropylbenzene

Concen: 48.786 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX013233.D

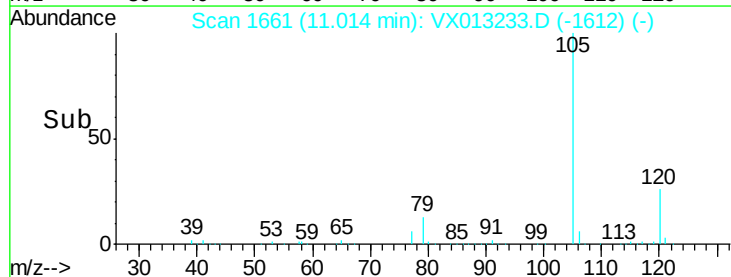
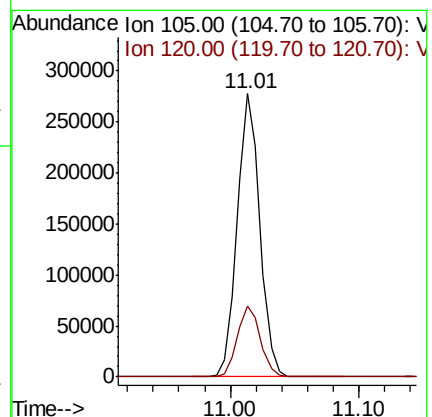
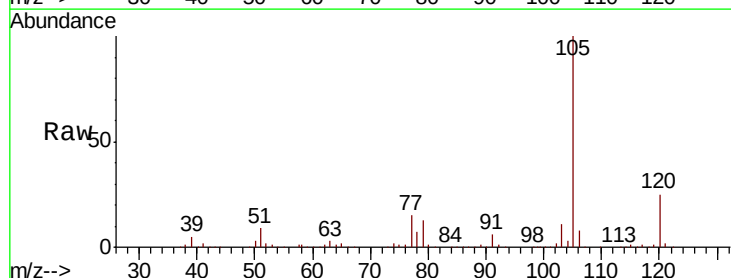
Acq: 25 Oct 2019 16:04

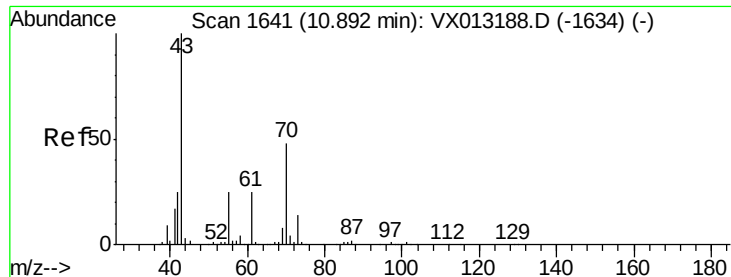
Tgt Ion:105 Resp: 340802

Ion Ratio Lower Upper

105 100

120 25.5 12.6 37.8





#74

N-amvl acetate

Concen: 50.262 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013233.D

Acq: 25 Oct 2019 16:04

Instrument :

MSVOA_X

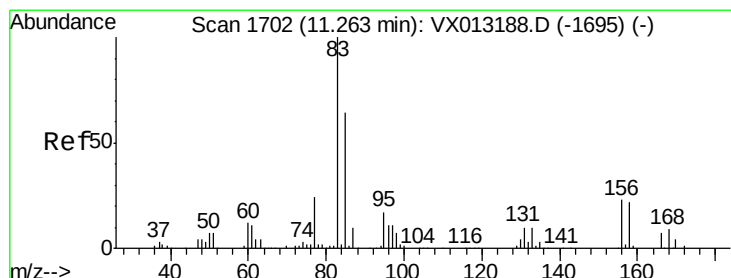
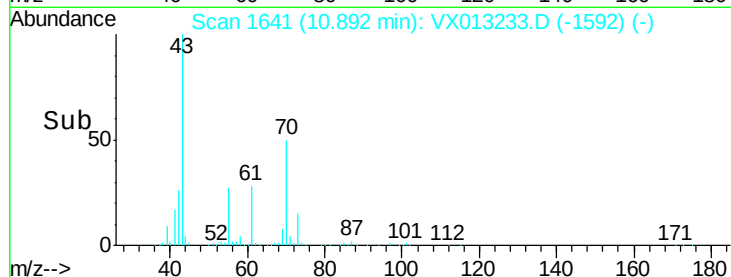
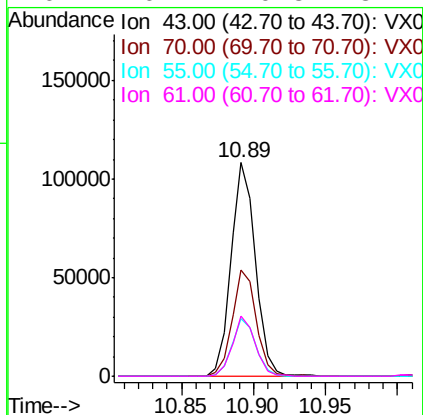
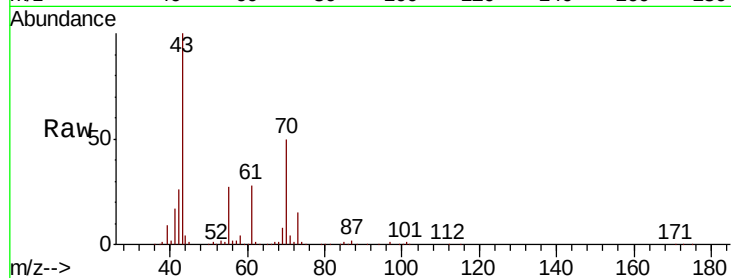
ClientSampleId :

GW809-8.0-13.0-102419MS

Tot Ion	43	Resp	128869
Ion	Ratio	Lower	Upper
43	100		
70	49.2	38.5	57.7
55	26.4	20.7	31.1
61	26.4	20.8	31.2

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#75

1,1,2,2-Tetrachloroethane

Concen: 51.925 ug/l

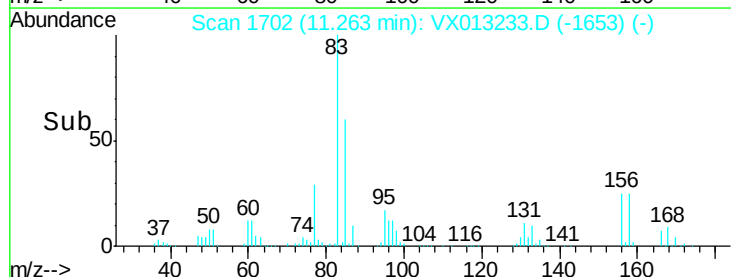
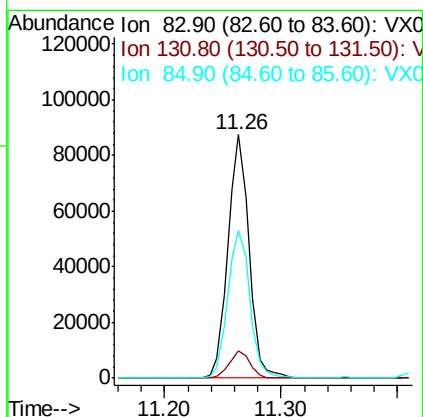
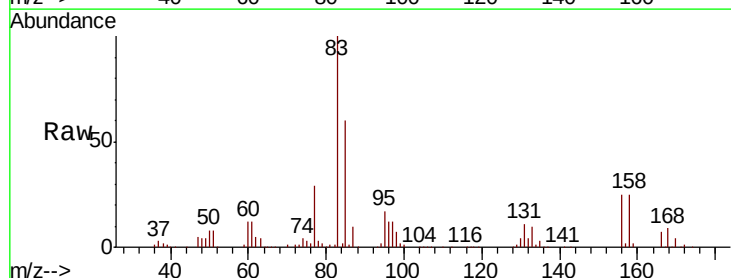
RT: 11.26 min Scan# 1702

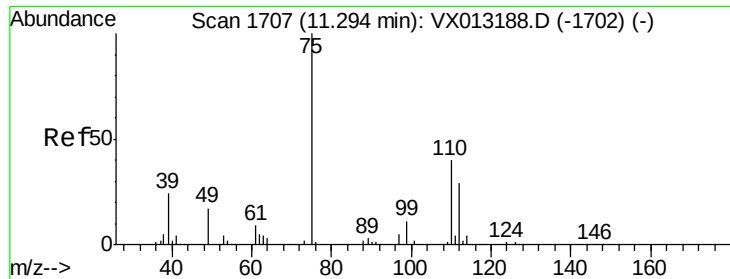
Delta R.T. 0.00 min

Lab File: VX013233.D

Acq: 25 Oct 2019 16:04

Tgt Ion	83	Resp	110140
Ion	Ratio	Lower	Upper
83	100		
131	11.1	5.3	16.1
85	63.9	31.4	94.3





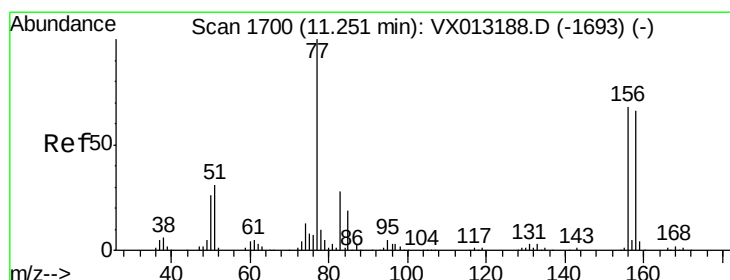
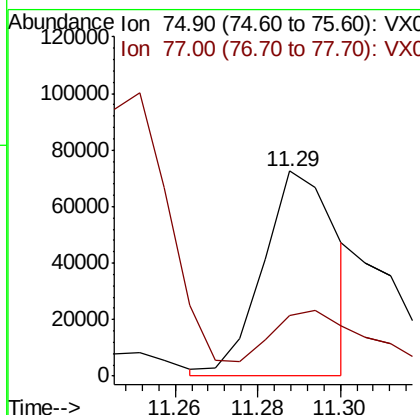
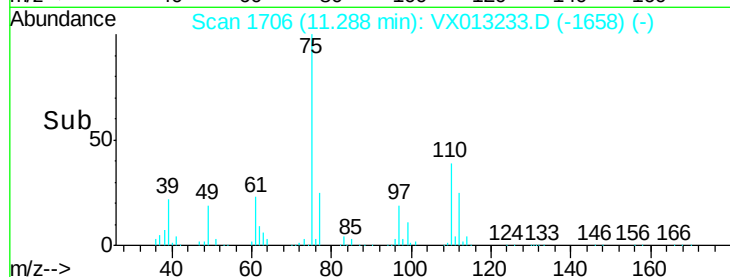
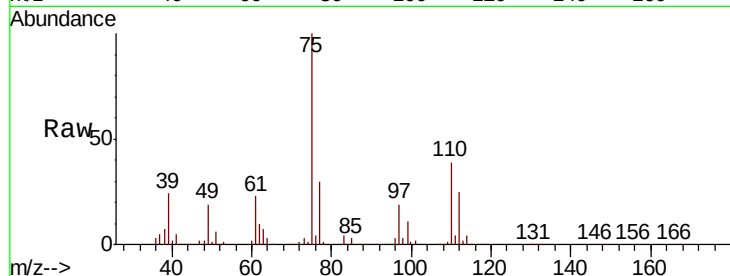
#76
1,2,3-Trichloropropane
Concen: 48.122 ug/l m
RT: 11.29 min Scan# 1706
Delta R.T. -0.01 min
Lab File: VX013233.D
Acq: 25 Oct 2019 16:04

Instrument :
MSVOA_X
ClientSampleId :
GW809-8.0-13.0-102419MS

Tot Ion: 75 Resp: 89222
Ion Ratio Lower Upper
75 100
77 44.7 19.1 57.5

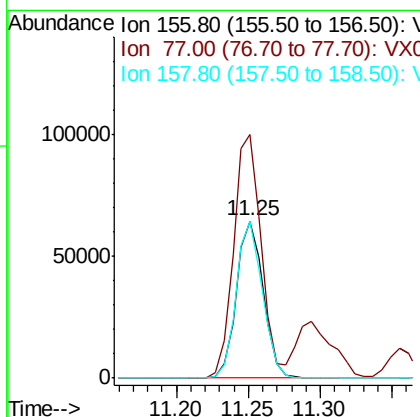
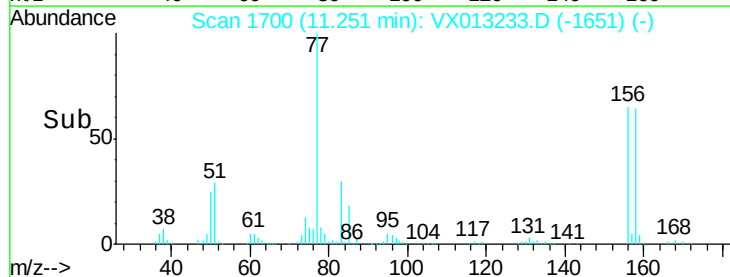
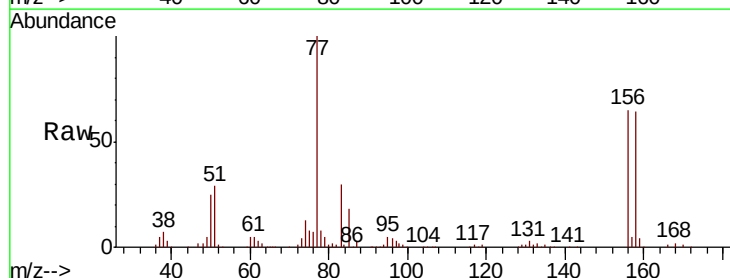
Manual Integrations
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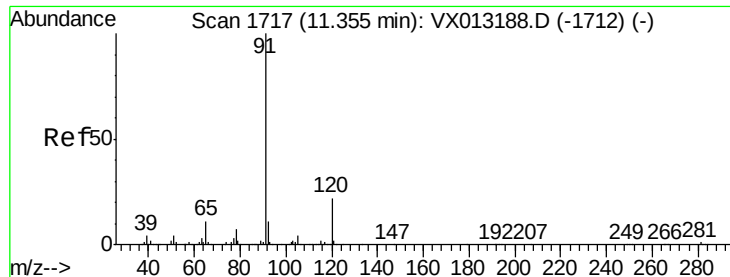
MMDadoda
10/28/2019 12:52:57 PM



#77
Bromobenzene
Concen: 49.843 ug/l
RT: 11.25 min Scan# 1700
Delta R.T. 0.00 min
Lab File: VX013233.D
Acq: 25 Oct 2019 16:04

Tgt Ion: 156 Resp: 83452
Ion Ratio Lower Upper
156 100
77 160.6 81.7 245.1
158 97.8 49.6 148.8





#78

n-propylbenzene

Concen: 48.500 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX013233.D

Acq: 25 Oct 2019 16:04

Instrument :

MSVOA_X

ClientSampleId :

GW809-8.0-13.0-102419MS

Tot Ion: 91 Resp: 368023

Ion Ratio Lower Upper

91 100

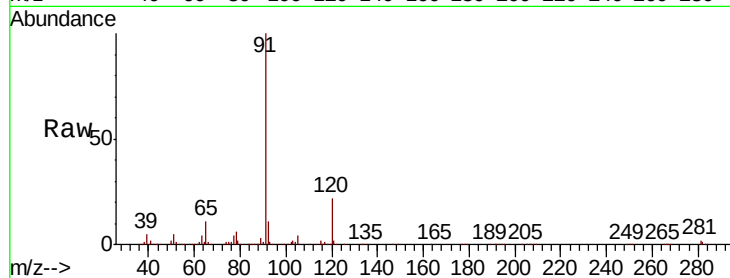
120 22.9 11.4 34.1

Manual Integrations

APPROVED

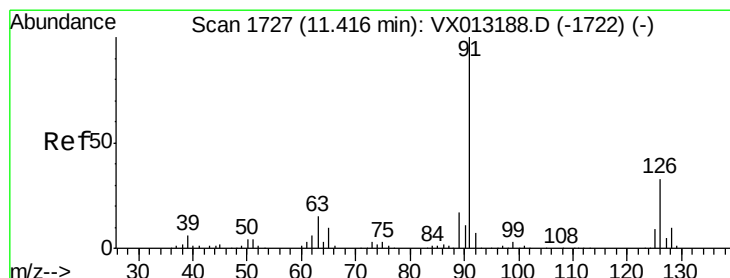
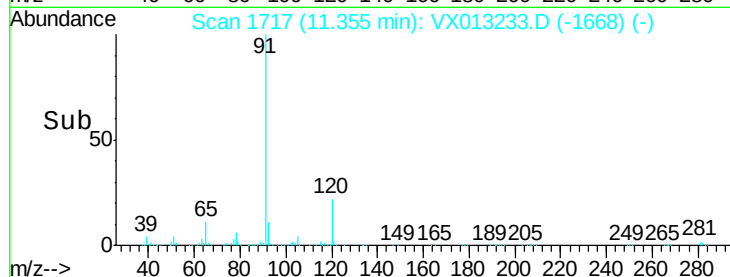
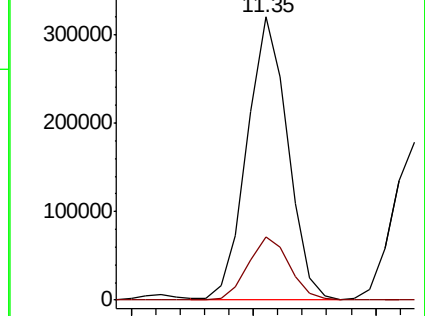
MMDadoda

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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 47.696 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX013233.D

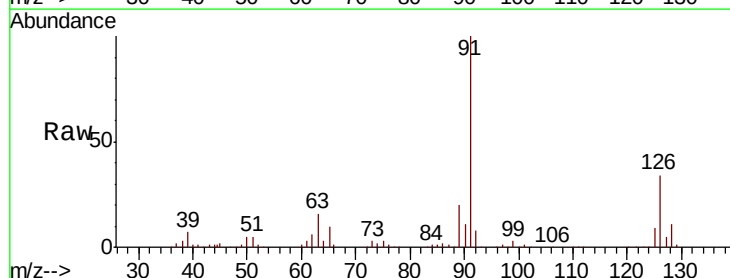
Acq: 25 Oct 2019 16:04

Tgt Ion: 91 Resp: 228675

Ion Ratio Lower Upper

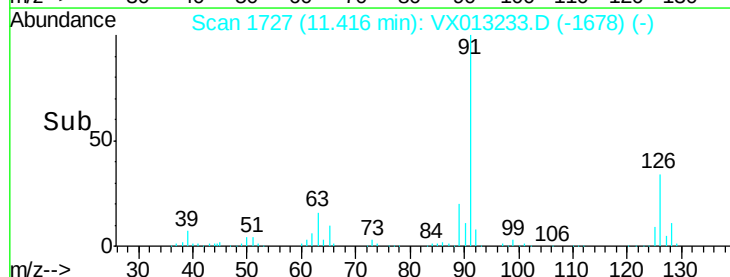
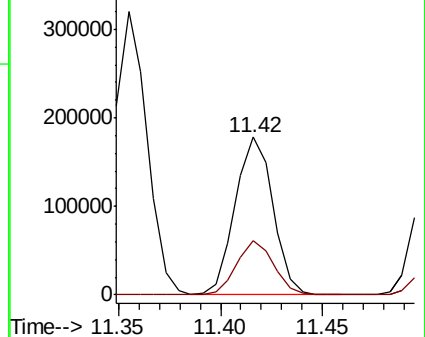
91 100

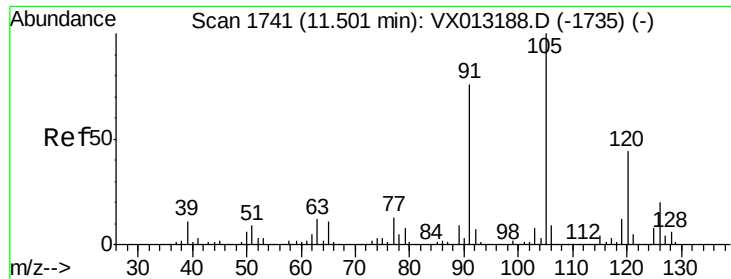
126 33.4 16.3 48.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





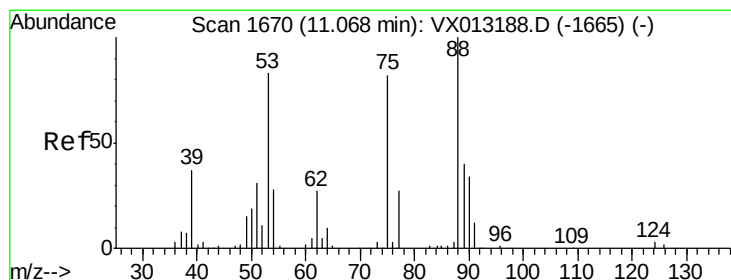
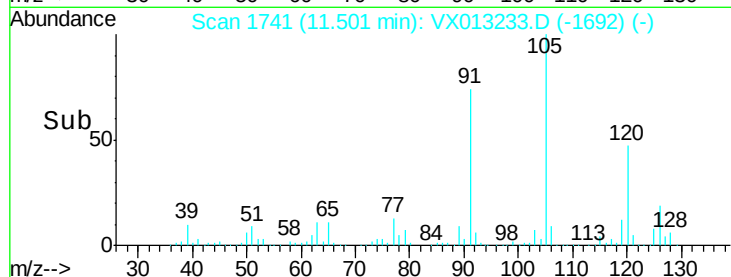
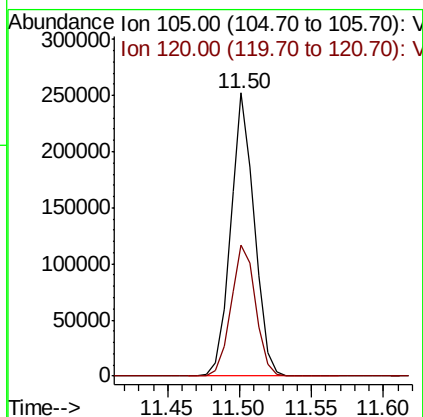
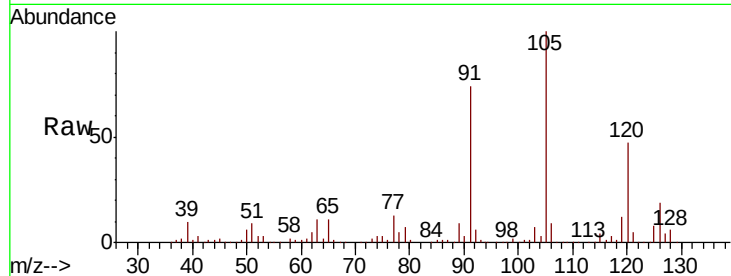
#80
 1,3,5-Trimethylbenzene
 Concen: 49.812 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX013233.D
 Acq: 25 Oct 2019 16:04

Instrument :
 MSVOA_X
 ClientSampleId :
 GW809-8.0-13.0-102419MS

Tot Ion:105 Resp: 289230
 Ion Ratio Lower Upper
 105 100
 120 48.5 23.4 70.0

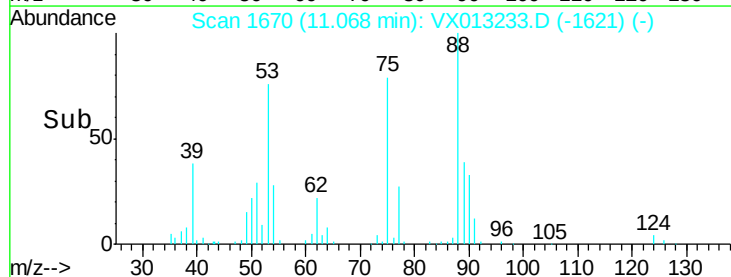
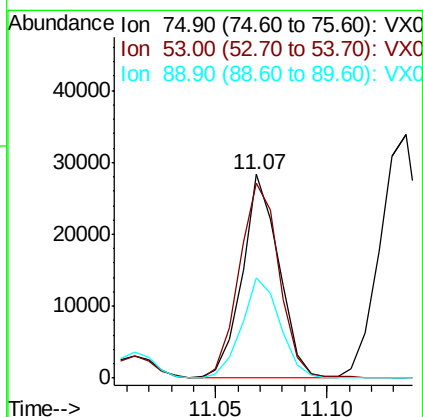
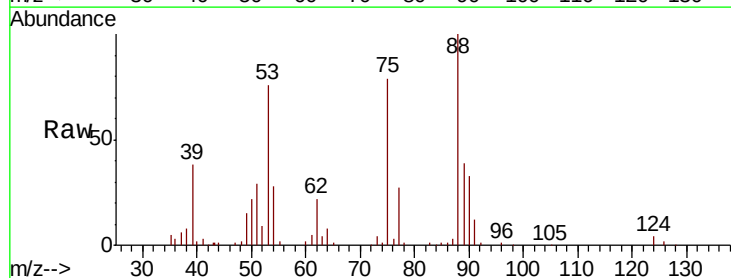
Manual Integrations
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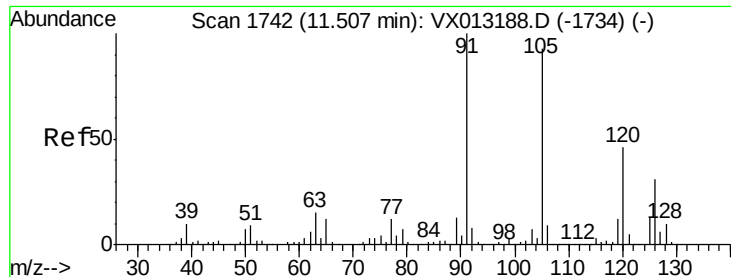
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#81
 trans-1,4-Dichloro-2-butene
 Concen: 48.410 ug/l
 RT: 11.07 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: VX013233.D
 Acq: 25 Oct 2019 16:04

Tgt Ion: 75 Resp: 32663
 Ion Ratio Lower Upper
 75 100
 53 104.1 77.9 116.9
 89 51.3 37.3 55.9





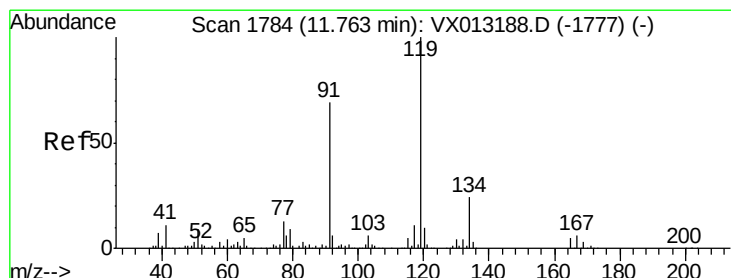
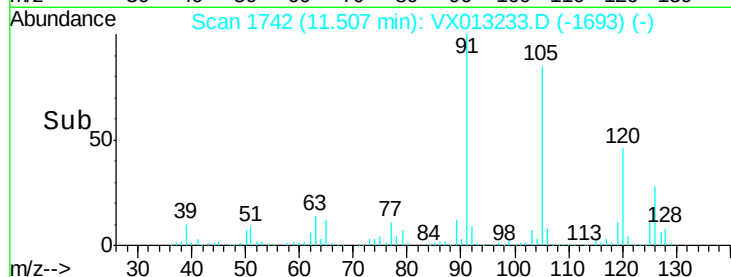
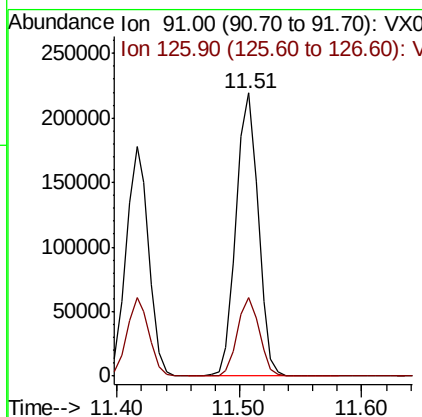
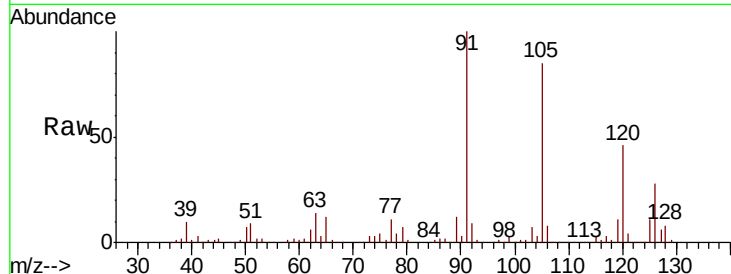
#82
4-Chlorotoluene
Concen: 50.218 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX013233.D
Acq: 25 Oct 2019 16:04

Instrument :
MSVOA_X
ClientSampleId :
GW809-8.0-13.0-102419MS

Tot Ion: 91 Resp: 272799
Ion Ratio Lower Upper
91 100
126 27.7 14.6 44.0

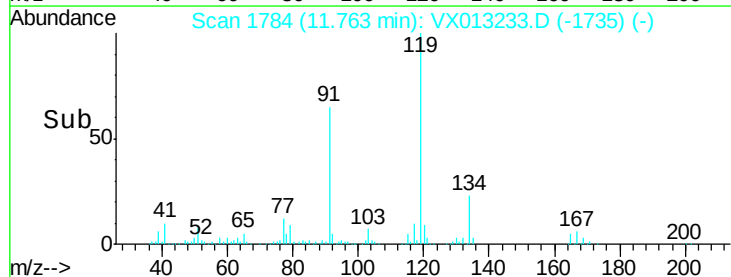
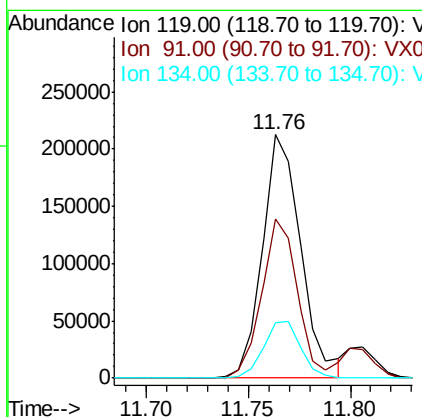
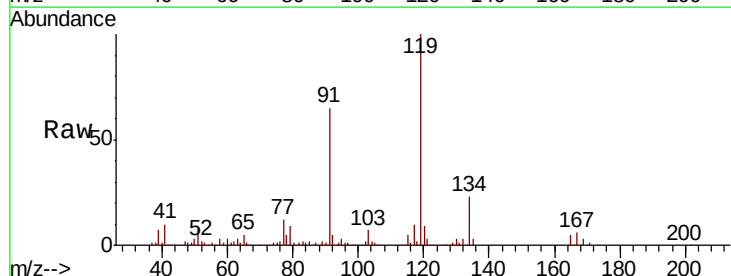
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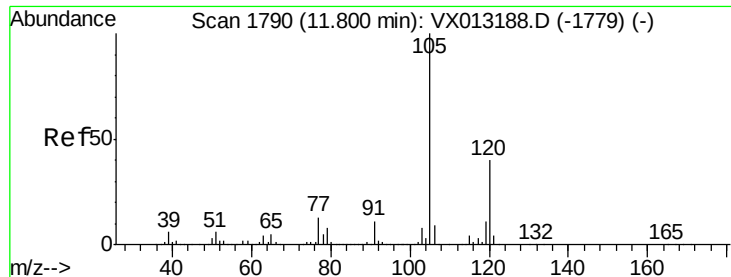
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#83
tert-Butylbenzene
Concen: 48.478 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX013233.D
Acq: 25 Oct 2019 16:04

Tgt Ion: 119 Resp: 278490
Ion Ratio Lower Upper
119 100
91 60.7 30.8 92.4
134 22.7 11.5 34.5





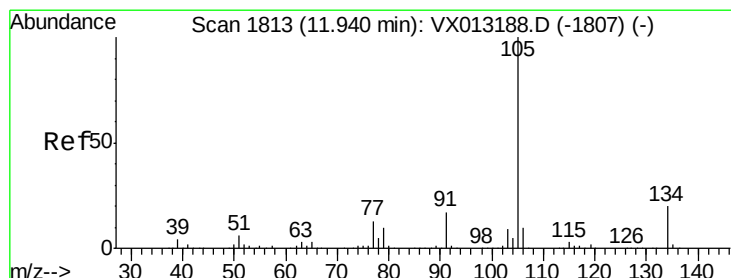
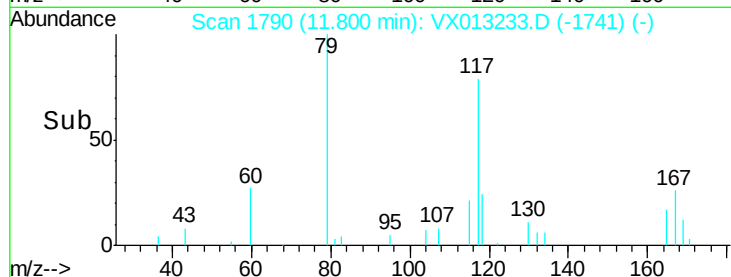
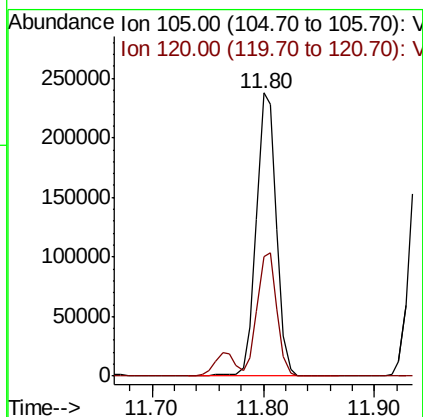
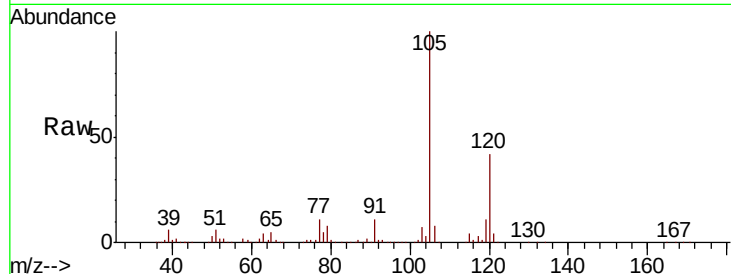
#84
 1,2,4-Trimethylbenzene
 Concen: 50.953 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX013233.D
 Acq: 25 Oct 2019 16:04

Instrument :
 MSVOA_X
 ClientSampleId :
 GW809-8.0-13.0-102419MS

Tot Ion	Ratio	Lower	Upper
105	100		
120	42.9	21.4	64.3

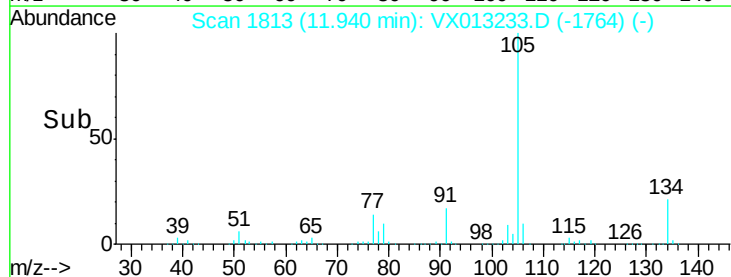
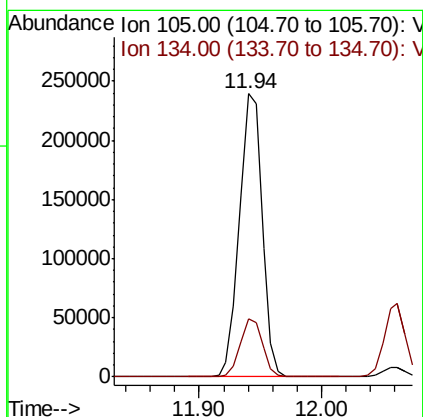
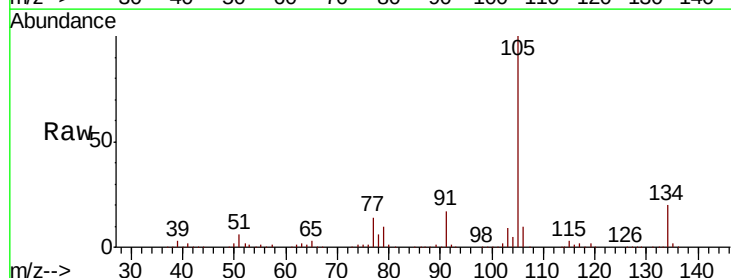
Manual Integrations
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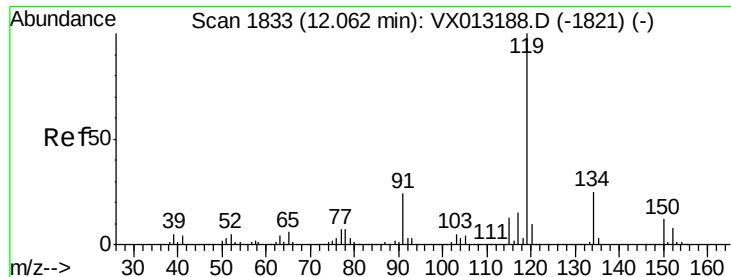
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#85
 sec-Butylbenzene
 Concen: 46.886 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX013233.D
 Acq: 25 Oct 2019 16:04

Tgt Ion	Ratio	Lower	Upper
105	100		
134	20.0	9.9	29.7





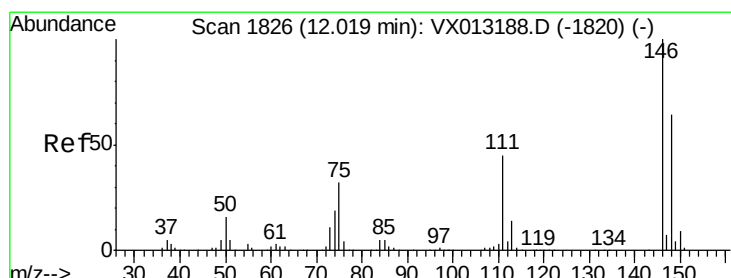
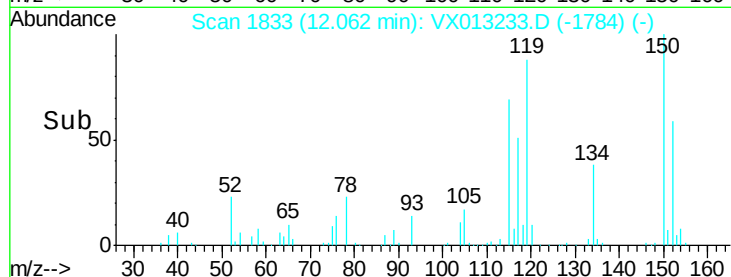
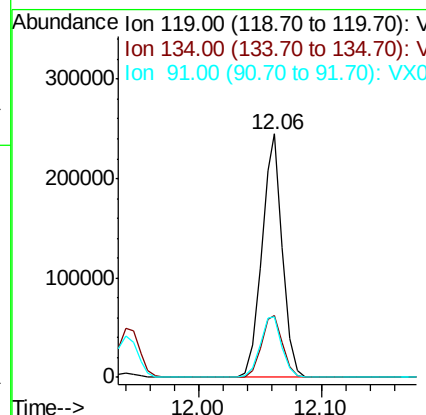
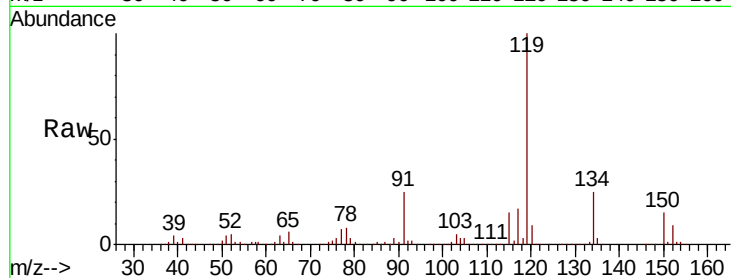
#86
p-Isopropyltoluene
Concen: 46.438 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX013233.D
Acq: 25 Oct 2019 16:04

Instrument :
MSVOA_X
ClientSampleId :
GW809-8.0-13.0-102419MS

Tot Ion	Ratio	Resp	Lower	Upper
119	100	285208		
134	26.4	12.5	37.5	
91	26.5	12.4	37.2	

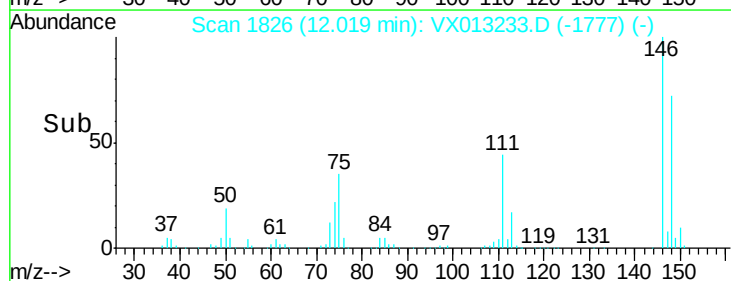
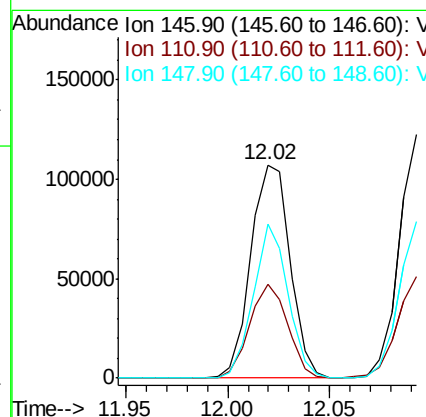
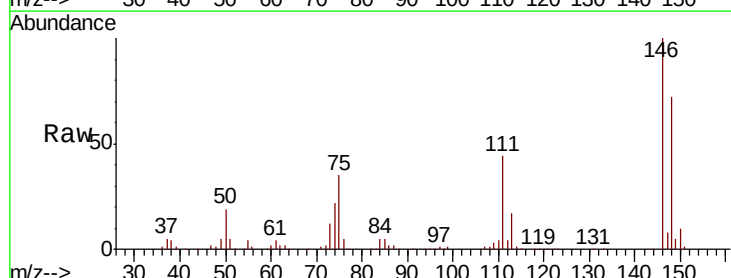
Manual Integrations
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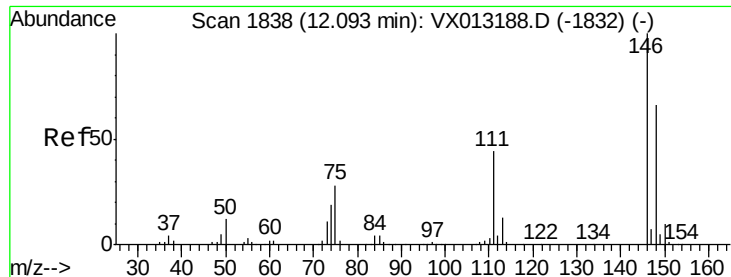
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#87
1,3-Dichlorobenzene
Concen: 47.466 ug/l
RT: 12.02 min Scan# 1826
Delta R.T. 0.00 min
Lab File: VX013233.D
Acq: 25 Oct 2019 16:04

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	143570		
111	42.9	21.3	63.9	
148	63.9	31.6	94.8	





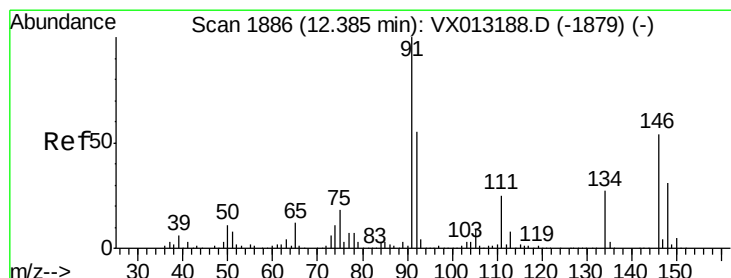
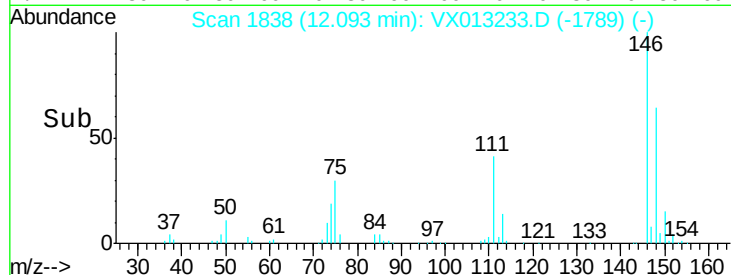
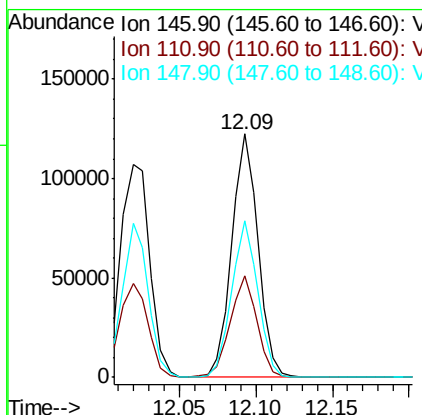
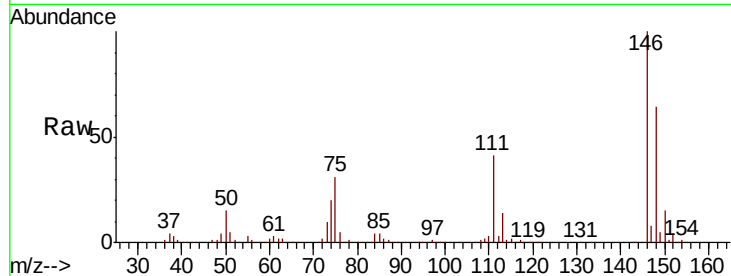
#88
 1,4-Dichlorobenzene
 Concen: 47.251 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX013233.D
 Acq: 25 Oct 2019 16:04

Instrument :
 MSVOA_X
 ClientSampleId :
 GW809-8.0-13.0-102419MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.1	21.3	63.9
148	64.0	32.5	97.5

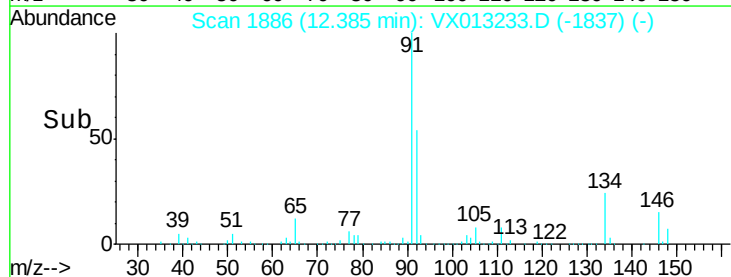
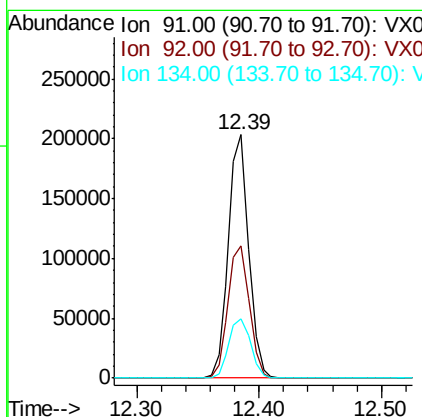
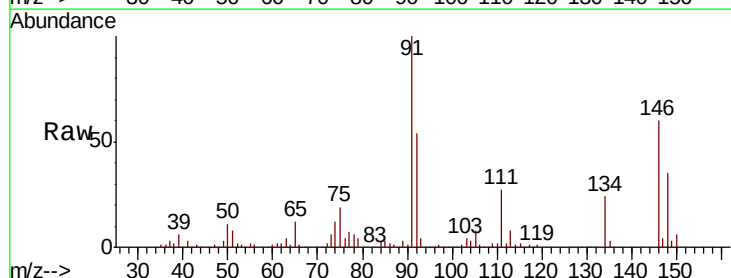
Manual Integrations
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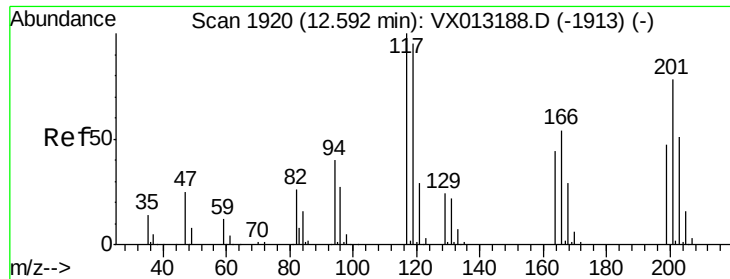
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 10/28/2019 12:52:57 PM



#89
 n-Butylbenzene
 Concen: 46.207 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX013233.D
 Acq: 25 Oct 2019 16:04

Tgt Ion	Ratio	Lower	Upper
91	100		
92	57.3	27.7	83.1
134	26.4	13.2	39.6





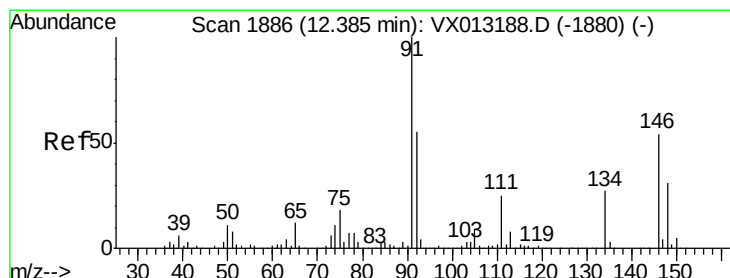
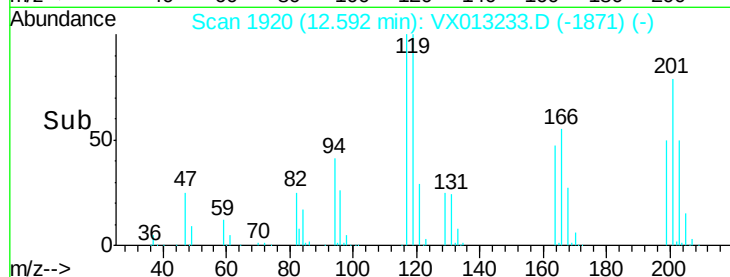
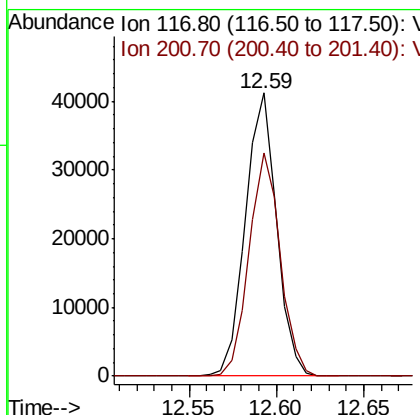
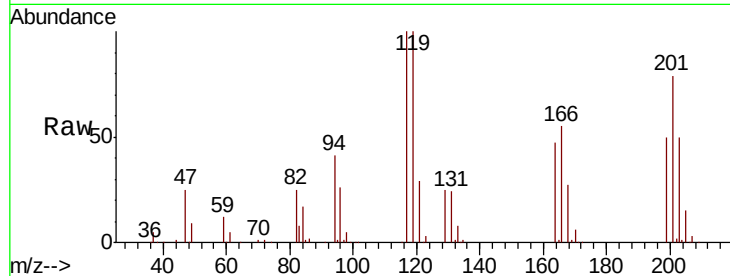
#90
Hexachloroethane
Concen: 49.610 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013233.D
Acq: 25 Oct 2019 16:04

Instrument :
MSVOA_X
ClientSampleId :
GW809-8.0-13.0-102419MS

Tot Ion	Ratio	Resp	Lower	Upper
117	100	51025		
201	79.1	39.0	116.9	

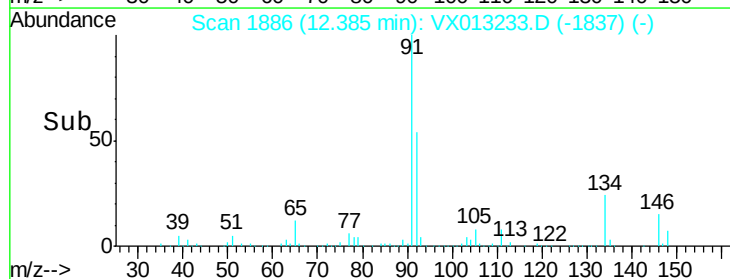
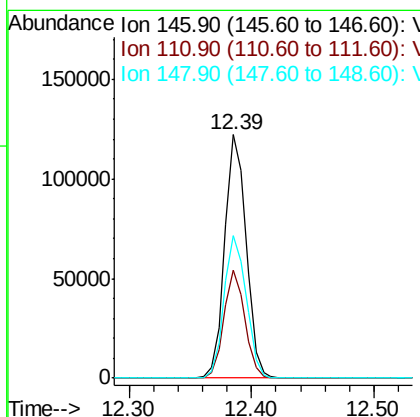
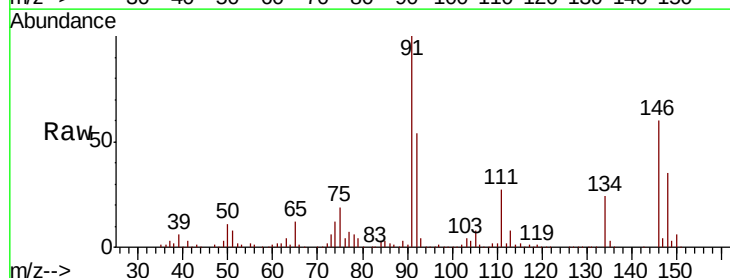
Manual Integrations
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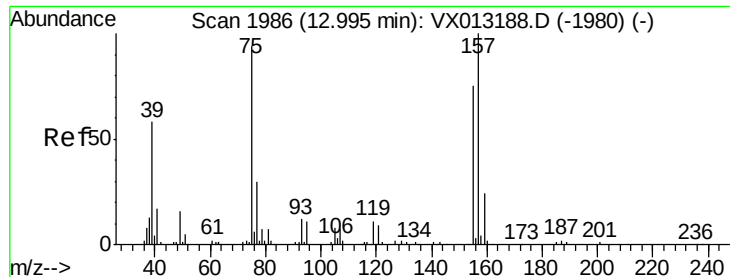
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#91
1,2-Dichlorobenzene
Concen: 49.858 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX013233.D
Acq: 25 Oct 2019 16:04

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	148294		
111	43.4	22.9	68.8	
148	60.7	31.8	95.3	





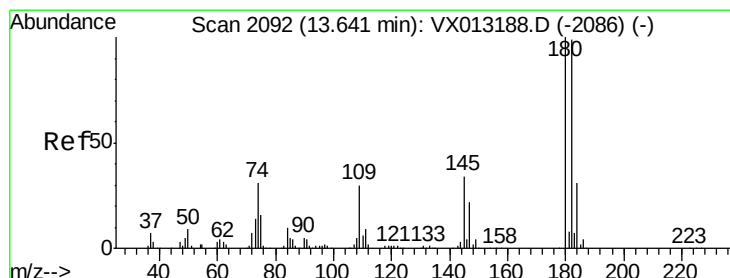
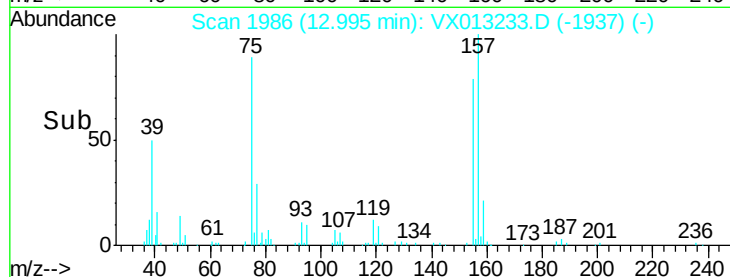
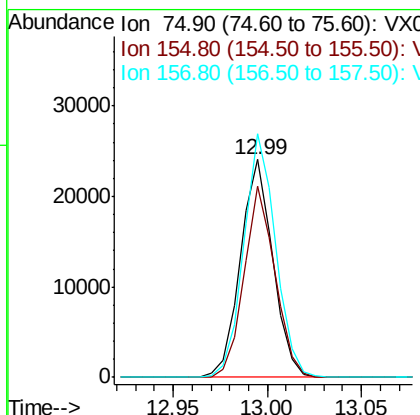
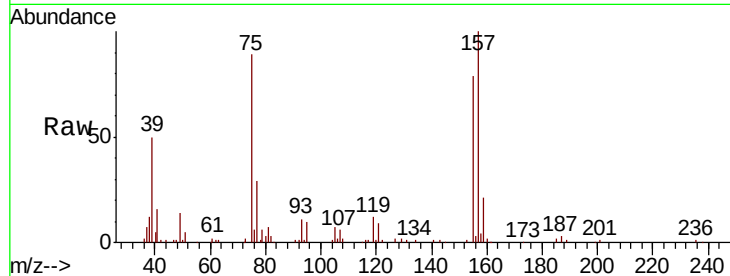
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.177 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX013233.D
 Acq: 25 Oct 2019 16:04

Instrument :
 MSVOA_X
 ClientSampleId :
 GW809-8.0-13.0-102419MS

Tot Ion	Ratio	Lower	Upper
75	100		
155	84.4	42.8	128.4
157	110.3	54.3	162.8

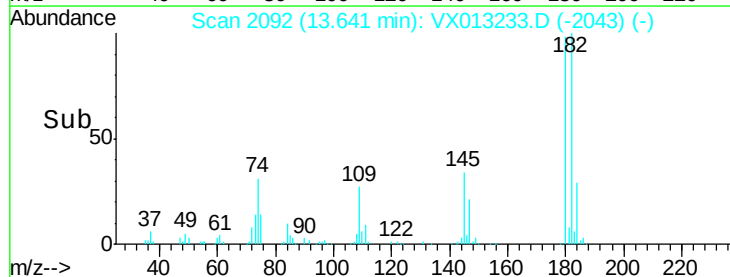
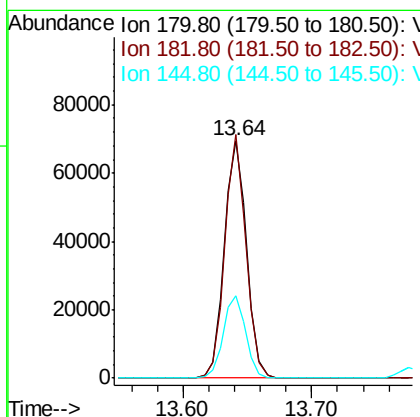
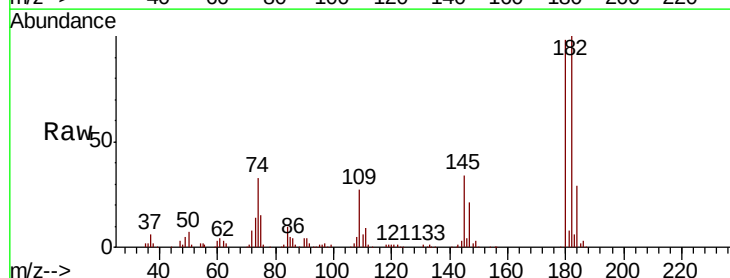
Manual Integrations
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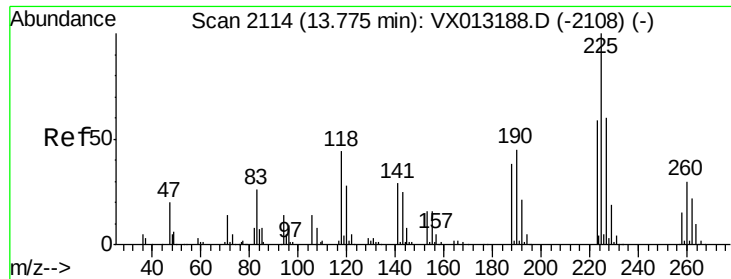
MMDadoda
 10/28/2019 12:52:57 PM



#93
 1,2,4-Trichlorobenzene
 Concen: 45.124 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX013233.D
 Acq: 25 Oct 2019 16:04

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.3	45.9	137.6
145	34.8	15.9	47.6





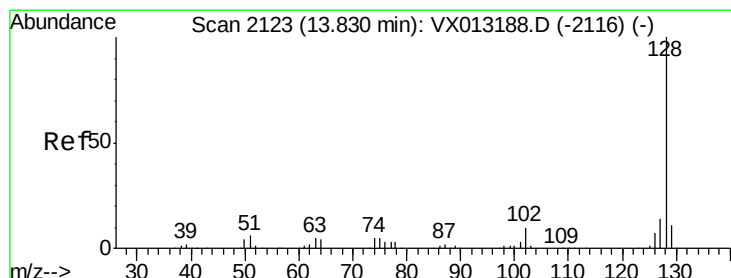
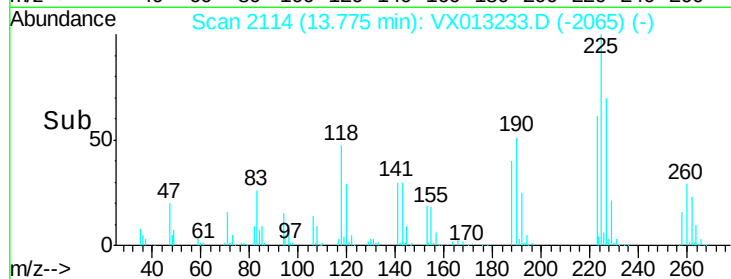
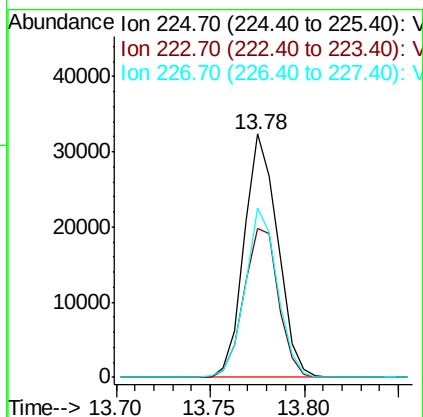
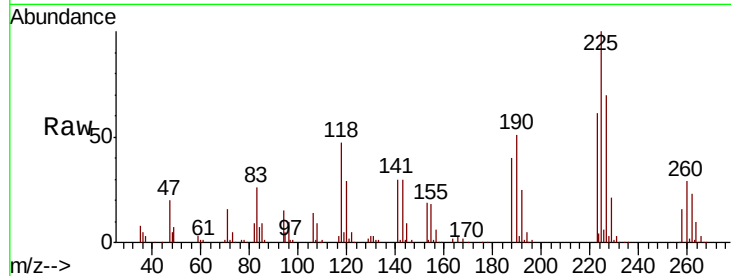
#94
Hexachlorobutadiene
Concen: 41.163 ug/l
RT: 13.78 min Scan# 2114
Delta R.T. 0.00 min
Lab File: VX013233.D
Acq: 25 Oct 2019 16:04

Instrument :
MSVOA_X
ClientSampleId :
GW809-8.0-13.0-102419MS

Tot Ion	Ratio	Lower	Upper
225	100		
223	62.9	30.9	92.5
227	67.0	30.3	90.9

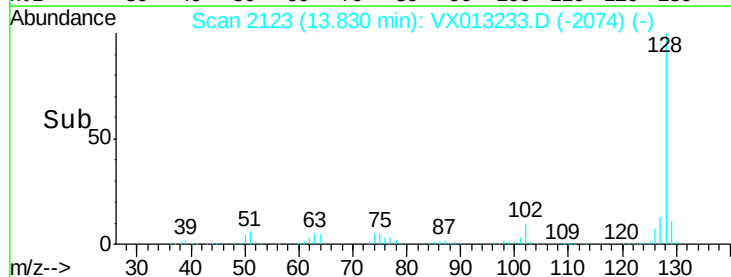
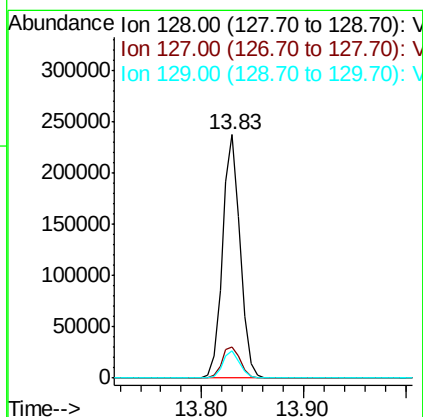
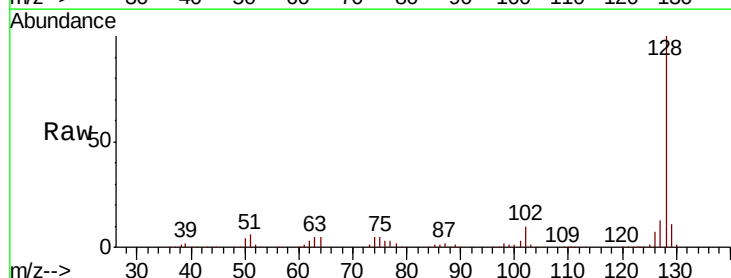
Manual Integrations
APPROVED

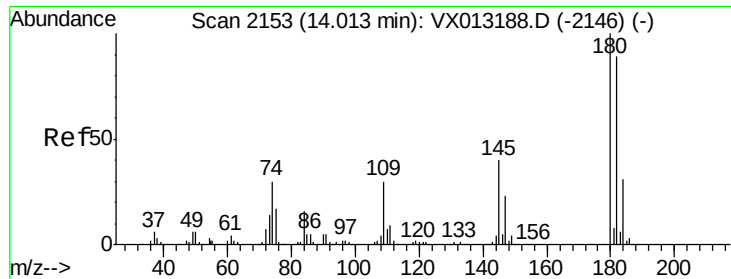
MMDadoda
10/28/2019 12:52:57 PM



#95
Naphthalene
Concen: 49.360 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX013233.D
Acq: 25 Oct 2019 16:04

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.7	16.1
129	11.0	8.6	13.0





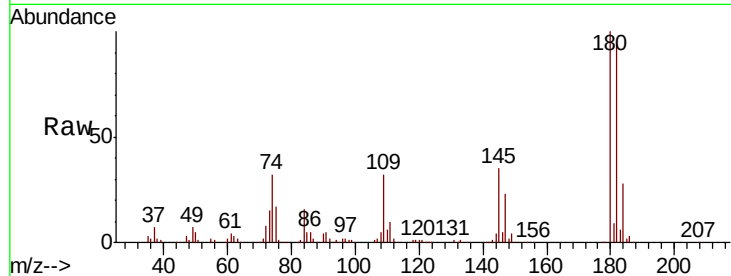
#96
 1,2,3-Trichlorobenzene
 Concen: 48.867 ug/l
 RT: 14.01 min Scan# 2153
 Delta R.T. 0.00 min
 Lab File: VX013233.D
 Acq: 25 Oct 2019 16:04

Instrument :
 MSVOA_X
 ClientSampleId :
 GW809-8.0-13.0-102419MS

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.0	48.3	144.9
145	34.0	18.6	55.6

Manual Integrations
 APPROVED

MMDadoda
 10/28/2019 12:52:57 PM



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

