

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX123119\
 Data File : VX014380.D
 Acq On : 31 Dec 2019 15:17
 Operator : JC/SP
 Sample : VX1231MBSD01
 Misc : 5.00µL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX1231MBSD01

Manual Integrations
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 1/2/2020 9:54:23 AM

Quant Time: Jan 01 04:43:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	465736	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	728143	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	649376	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	321167	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	265795	50.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.70%	
35) Dibromofluoromethane	5.49	113	220905	49.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.82%	
50) Toluene-d8	8.71	98	854985	49.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.22%	
62) 4-Bromofluorobenzene	11.13	95	304579	48.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.70%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.19	85	66230	15.895	ug/l	98
3) Chloromethane	1.32	50	95660	17.108	ug/l	100
4) Vinyl Chloride	1.40	62	103554	17.551	ug/l	99
5) Bromomethane	1.63	94	60565	14.463	ug/l	98
6) Chloroethane	1.72	64	70566	19.378	ug/l	95
7) Trichlorofluoromethane	1.92	101	134560	18.423	ug/l	100
8) Diethyl Ether	2.18	74	66449	19.385	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	81863	18.593	ug/l	99
10) Methyl Iodide	2.50	142	86582	16.751	ug/l	99
11) Tert butyl alcohol	3.03	59	118934	104.277	ug/l	97
12) 1,1-Dichloroethene	2.37	96	83403	18.616	ug/l	99
13) Acrolein	2.28	56	56361	86.325	ug/l	100
14) Allyl chloride	2.72	41	154481	19.312	ug/l	99
15) Acrylonitrile	3.13	53	277527	104.250	ug/l	99
16) Acetone	2.43	43	297250	86.741	ug/l	97
17) Carbon Disulfide	2.56	76	189011	15.719	ug/l	99
18) Methyl Acetate	2.76	43	141254	20.802	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	296128	20.115	ug/l	99
20) Methylene Chloride	2.85	84	102459	18.987	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	88872	18.006	ug/l	100
22) Diisopropyl ether	3.84	45	330888	20.758	ug/l	96
23) Vinyl Acetate	3.80	43	1299233	99.879	ug/l	99
24) 1,1-Dichloroethane	3.69	63	169720	19.138	ug/l	98
25) 2-Butanone	4.66	43	411460	97.389	ug/l	97
26) 2,2-Dichloropropane	4.57	77	125553	18.234	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	106147	19.016	ug/l	99
28) Bromochloromethane	5.00	49	75787	22.473	ug/l	95
29) Tetrahydrofuran	5.12	42	243156	102.897	ug/l	99
30) Chloroform	5.20	83	167736	19.952	ug/l	100
31) Cyclohexane	5.58	56	145596	18.459	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	136830	19.097	ug/l	100
36) 1,1-Dichloropropene	5.79	75	120688	18.064	ug/l	98
37) Ethyl Acetate	4.82	43	148990	20.194	ug/l	99
38) Carbon Tetrachloride	5.78	117	112225	18.439	ug/l	100

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	143796	17.431	ug/l	99
40) Benzene	6.14	78	383760	18.668	ug/l	99
41) Methacrylonitrile	5.03	41	80888	19.760	ug/l	98
42) 1,2-Dichloroethane	6.18	62	133905	19.216	ug/l	99
43) Isopropyl Acetate	6.43	43	244378	20.015	ug/l	99
44) Trichloroethene	7.21	130	104509	18.406	ug/l	98
45) 1,2-Dichloropropane	7.51	63	103718	19.685	ug/l	94
46) Dibromomethane	7.65	93	65136	18.698	ug/l	99
47) Bromodichloromethane	7.89	83	120219	18.324	ug/l	97
48) Methyl methacrylate	7.76	41	117134	19.591	ug/l	98
49) 1,4-Dioxane	7.73	88	47987	394.397	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	767500	100.090	ug/l	99
52) Toluene	8.78	92	241296	18.571	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	131097	18.223	ug/l	95
54) cis-1,3-Dichloropropene	8.43	75	150283	18.751	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	101066	19.407	ug/l	98
56) Ethyl methacrylate	9.17	69	156991	19.191	ug/l	100
57) 1,3-Dichloropropane	9.37	76	171233	19.543	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	314542	101.605	ug/l	100
59) 2-Hexanone	9.48	43	587672	95.203	ug/l	99
60) Dibromochloromethane	9.57	129	97236	18.784	ug/l	97
61) 1,2-Dibromoethane	9.67	107	103350	19.397	ug/l	99
64) Tetrachloroethene	9.33	164	118797	20.674	ug/l	98
65) Chlorobenzene	10.14	112	260886	18.895	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	94346	19.137	ug/l	99
67) Ethyl Benzene	10.25	91	454070	19.128	ug/l	98
68) m/p-Xylenes	10.35	106	339193	37.152	ug/l	98
69) o-Xylene	10.70	106	169935	18.978	ug/l	99
70) Styrene	10.71	104	282043	18.627	ug/l	98
71) Bromoform	10.85	173	72143	18.205	ug/l #	99
73) Isopropylbenzene	11.01	105	445743	19.712	ug/l	100
74) N-amyl acetate	10.89	43	200269	18.894	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	152231	19.418	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	125287m	17.969	ug/l	
77) Bromobenzene	11.25	156	113275	18.207	ug/l	98
78) n-propylbenzene	11.35	91	493172	19.444	ug/l	100
79) 2-Chlorotoluene	11.42	91	301492	19.554	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	363131	19.081	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	44587	18.049	ug/l	94
82) 4-Chlorotoluene	11.51	91	342881	19.172	ug/l	98
83) tert-Butylbenzene	11.76	119	346549	18.712	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	367924	19.305	ug/l	99
85) sec-Butylbenzene	11.94	105	424626	19.422	ug/l	99
86) p-Isopropyltoluene	12.06	119	386253	19.313	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	203747	18.686	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	197898	17.849	ug/l	99
89) n-Butylbenzene	12.39	91	319966	18.750	ug/l	99
90) Hexachloroethane	12.59	117	63141	17.577	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	202894	18.484	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	30586	17.630	ug/l	96

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Instrument :
MSVOA_X
ClientSampleId :
VX1231MBSD01

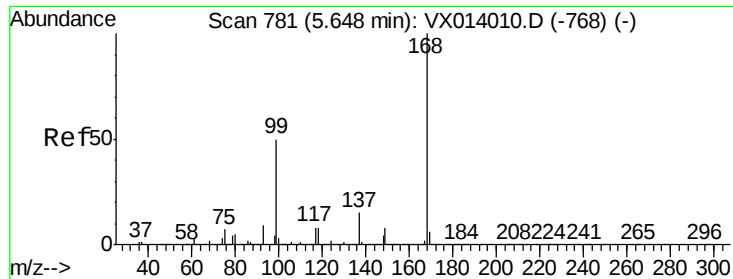
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	132822	18.617	ug/l	98
94) Hexachlorobutadiene	13.78	225	63004	18.375	ug/l	98
95) Naphthalene	13.83	128	417107	19.899	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	135563	19.249	ug/l	97

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



#1

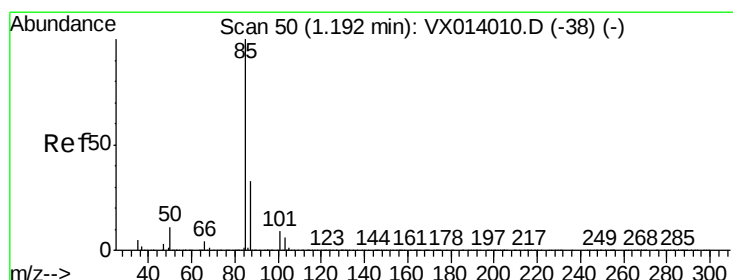
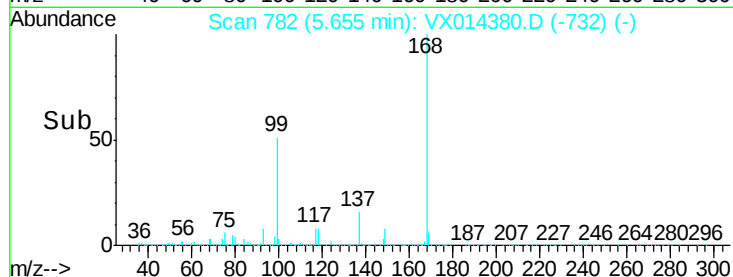
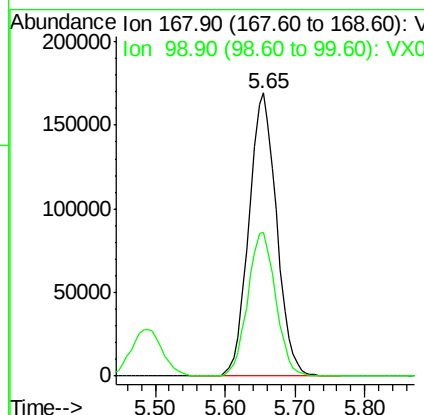
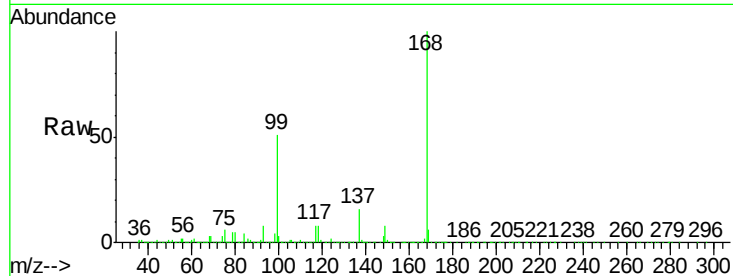
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.01 min
Lab File: VX014380.D
Acq: 31 Dec 2019 15:17

Instrument :
MSVOA_X
ClientSampleId :
VX1231MBSD01

Tot Ion	Ratio	Resp	Lower	Upper
168	100	465736		
99	50.8		40.3	60.5

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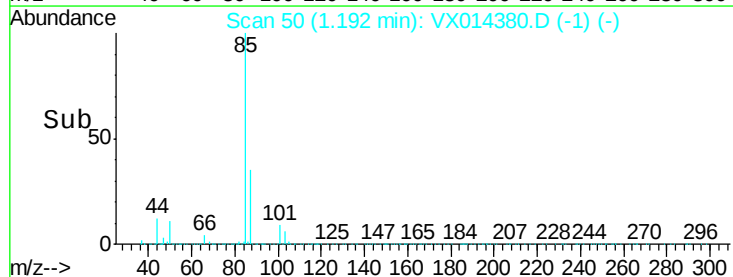
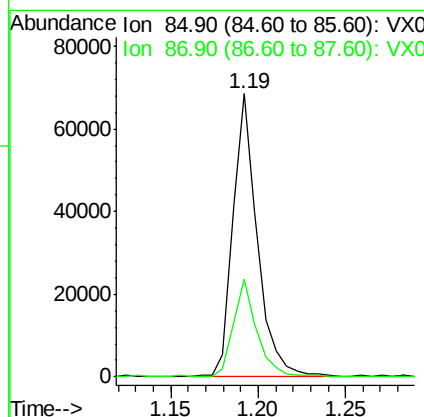
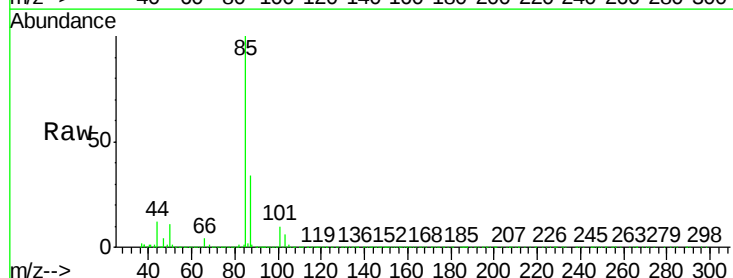
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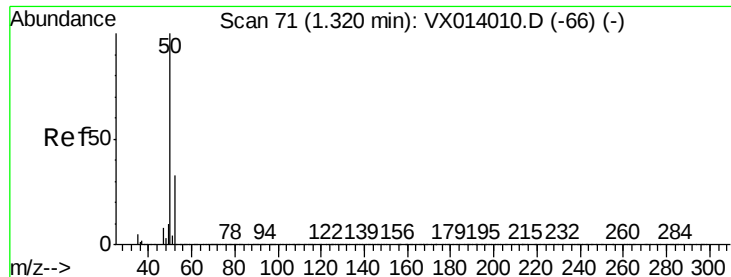


#2

Dichlorodifluoromethane
Concen: 15.895 ug/l
RT: 1.19 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX014380.D
Acq: 31 Dec 2019 15:17

Tgt Ion	Ratio	Resp	Lower	Upper
85	100	66230		
87	34.1		16.4	49.2





#3

Chloromethane

Concen: 17.108 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014380.D

Acq: 31 Dec 2019 15:17

Instrument :

MSVOA_X

ClientSampleId :

VX1231MBSD01

Tot Ion: 50 Resp: 95660

Ion Ratio Lower Upper

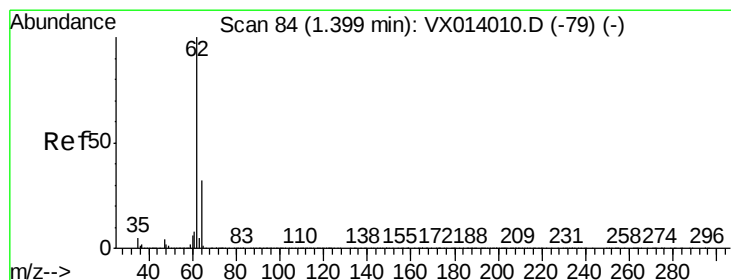
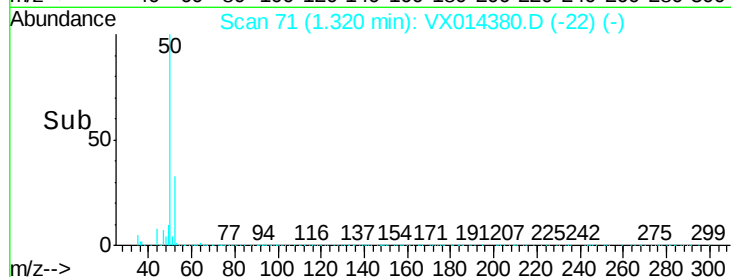
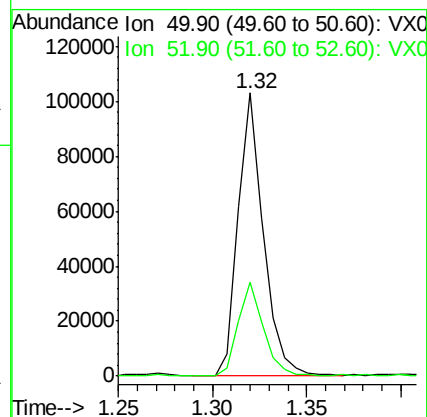
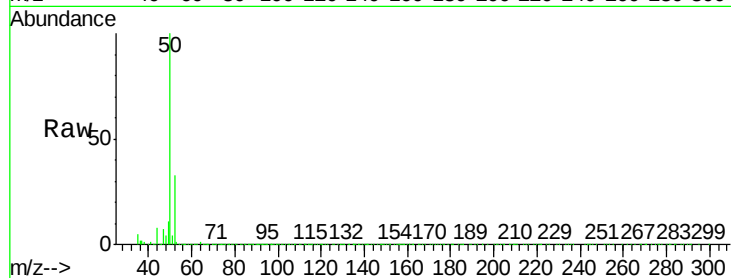
50 100

52 32.7 26.2 39.4

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#4

Vinyl Chloride

Concen: 17.551 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014380.D

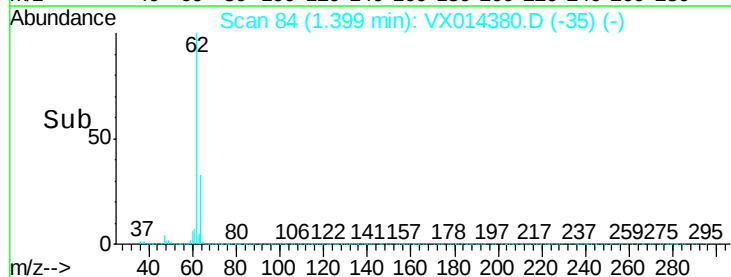
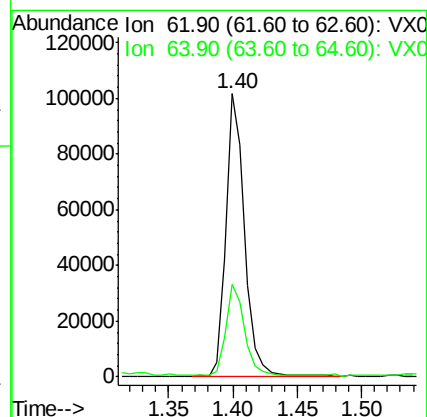
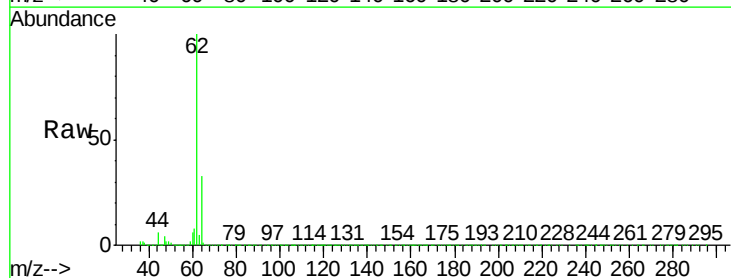
Acq: 31 Dec 2019 15:17

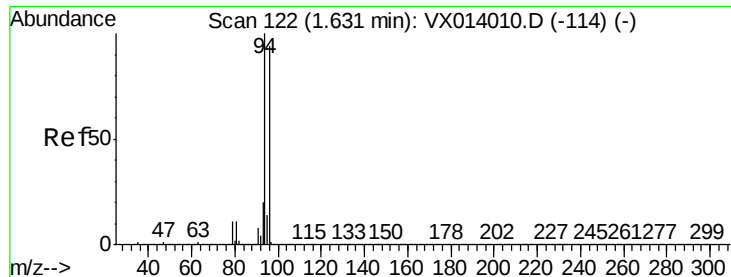
Tgt Ion: 62 Resp: 103554

Ion Ratio Lower Upper

62 100

64 32.6 25.7 38.5





#5

Bromomethane

Concen: 14.463 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014380.D

Acq: 31 Dec 2019 15:17

Instrument :

MSVOA_X

ClientSampleId :

VX1231MBSD01

Tot Ion: 94 Resp: 60565

Ion Ratio Lower Upper

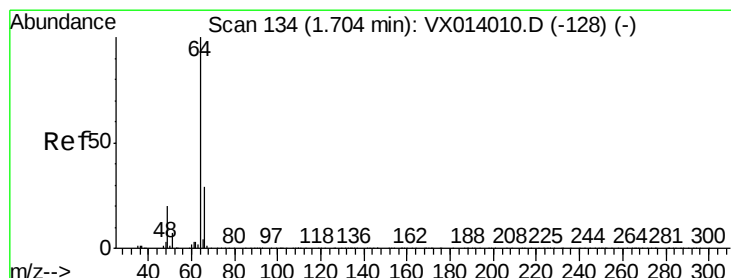
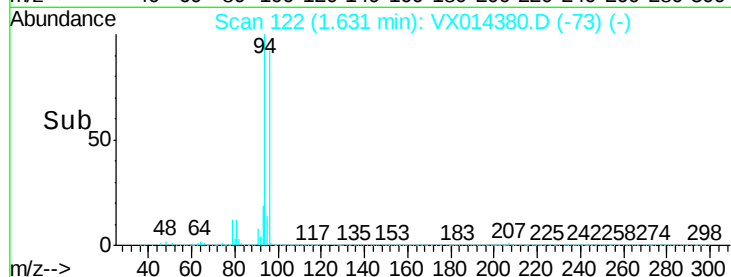
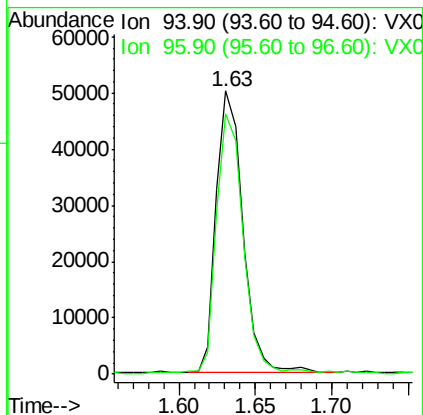
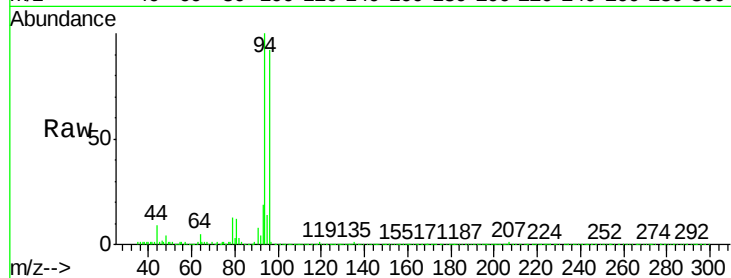
94 100

96 92.0 75.2 112.8

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#6

Chloroethane

Concen: 19.378 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX014380.D

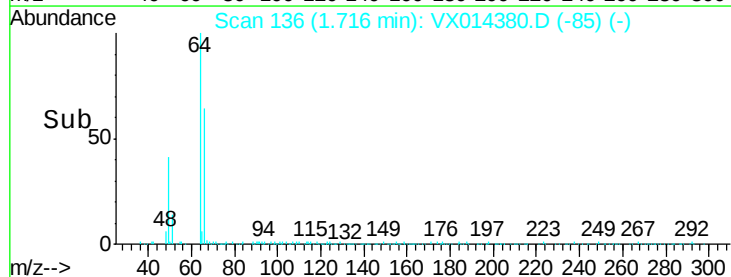
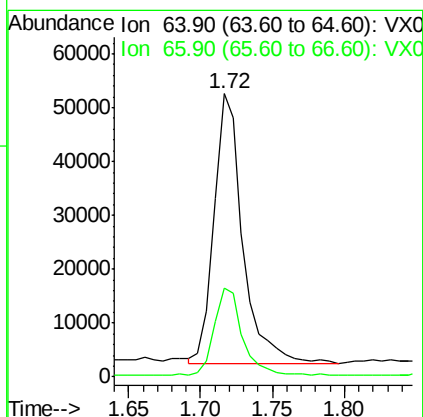
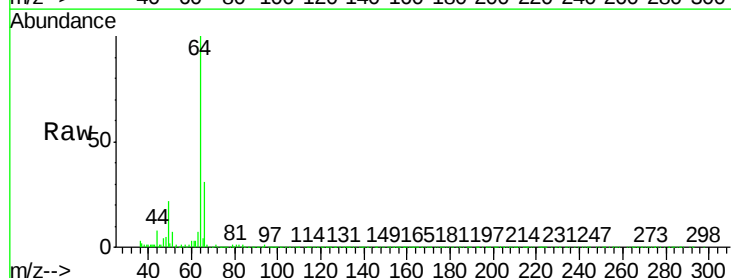
Acq: 31 Dec 2019 15:17

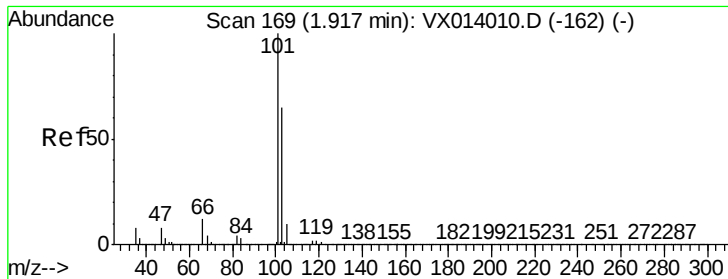
Tgt Ion: 64 Resp: 70566

Ion Ratio Lower Upper

64 100

66 32.2 23.4 35.2





#7

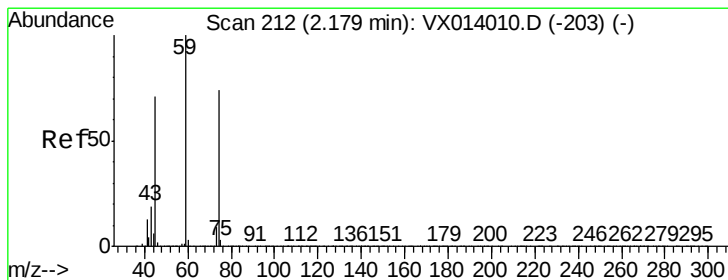
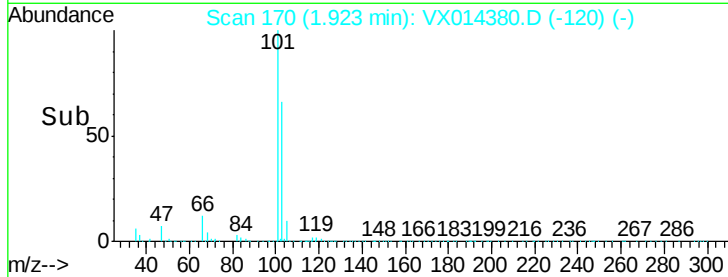
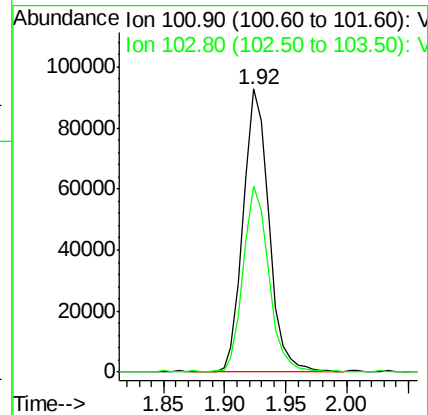
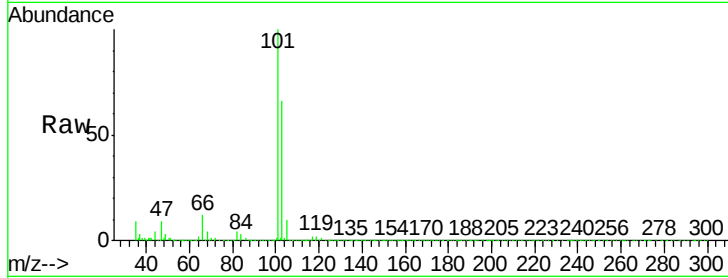
Trichlorofluoromethane
 Concen: 18.423 ug/l
 RT: 1.92 min Scan# 170
 Delta R.T. 0.01 min
 Lab File: VX014380.D
 Acq: 31 Dec 2019 15:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1231MBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.4	52.2	78.4

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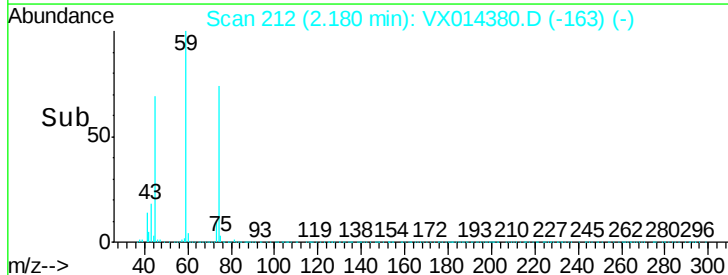
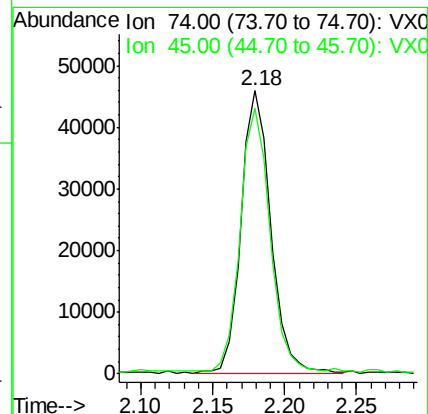
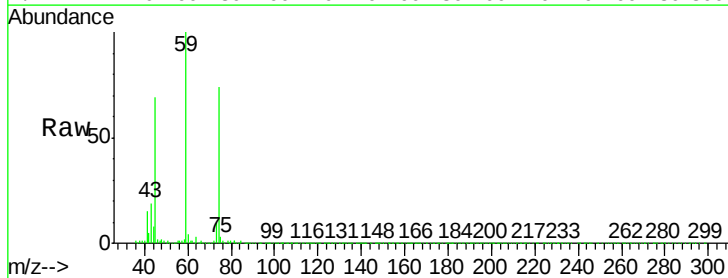
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#8

Diethyl Ether
 Concen: 19.385 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX014380.D
 Acq: 31 Dec 2019 15:17

Tgt Ion	Ratio	Lower	Upper
74	100		
45	93.8	48.1	144.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.593 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014380.D

Acq: 31 Dec 2019 15:17

Instrument :

MSVOA_X

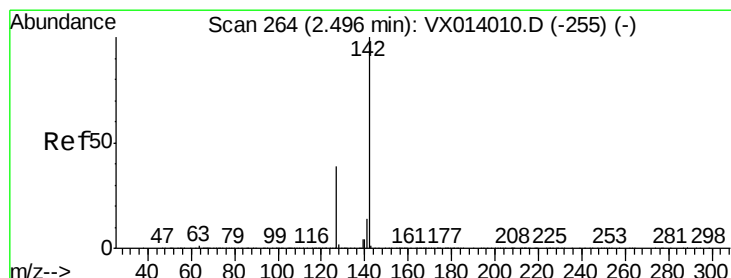
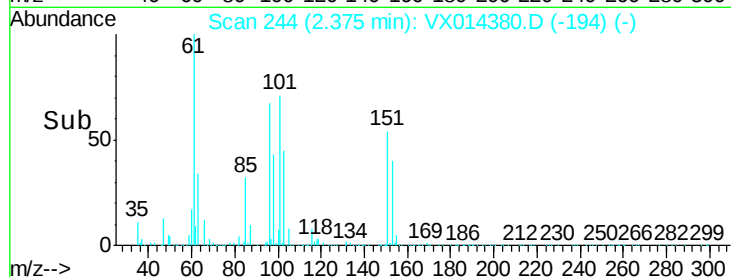
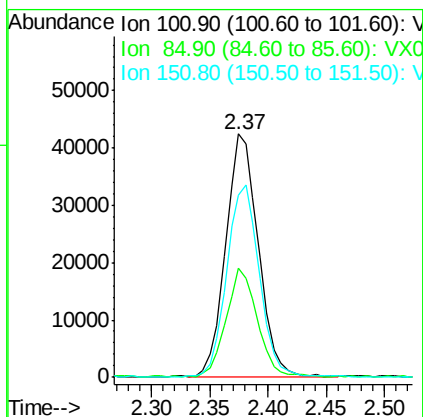
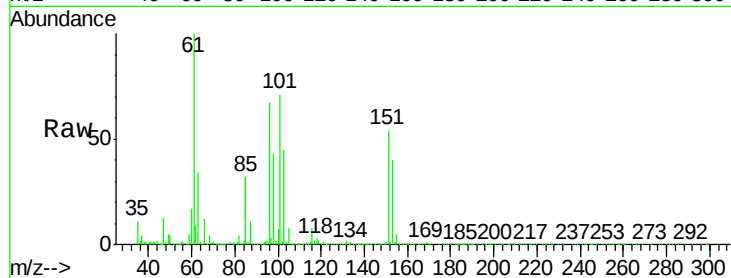
ClientSampleId :

VX1231MBSD01

Tot Ion:	101	Resp:	81863
Ion Ratio	Lower	Upper	
101	100		
85	43.9	33.7	50.5
151	79.9	64.5	96.7

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#10

Methyl Iodide

Concen: 16.751 ug/l

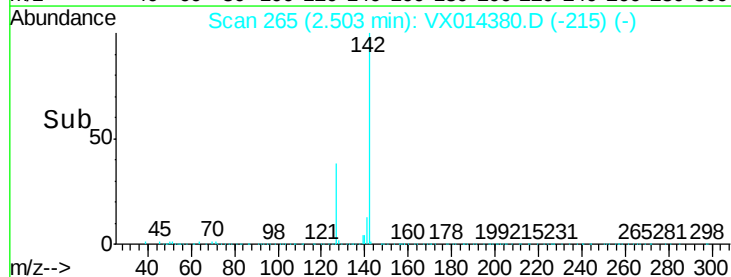
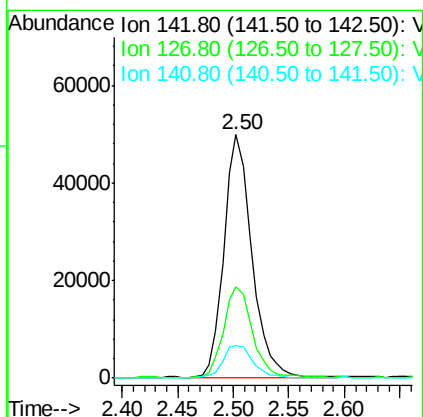
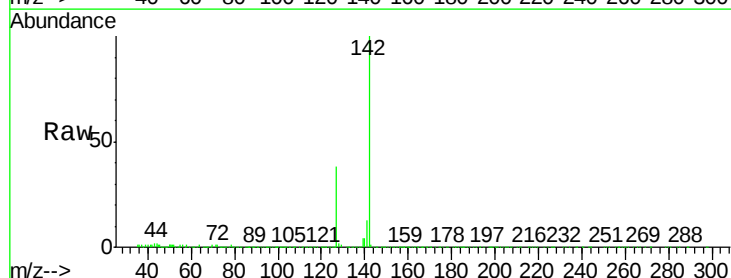
RT: 2.50 min Scan# 265

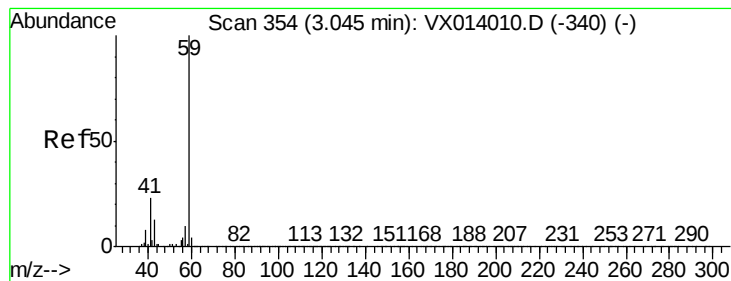
Delta R.T. 0.01 min

Lab File: VX014380.D

Acq: 31 Dec 2019 15:17

Tgt Ion:	142	Resp:	86582
Ion Ratio	Lower	Upper	
142	100		
127	38.6	31.6	47.4
141	15.0	11.6	17.4





#11

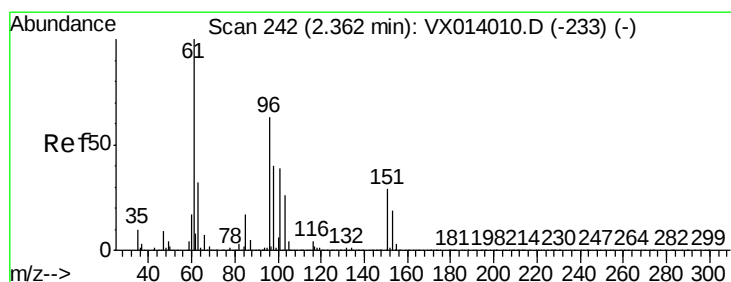
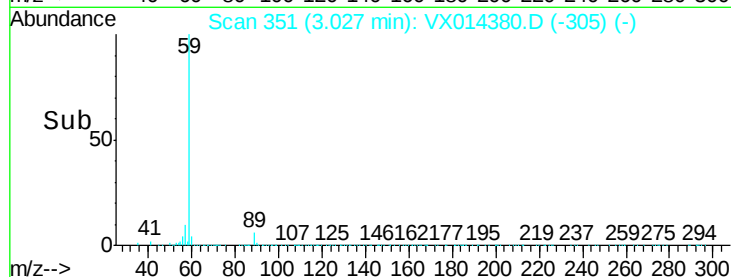
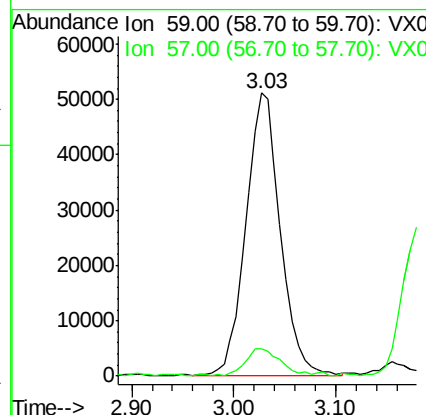
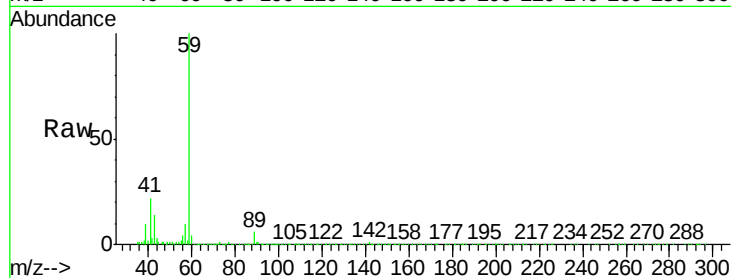
Tert butyl alcohol
Concen: 104.277 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.02 min
Lab File: VX014380.D
Acq: 31 Dec 2019 15:17

Instrument :
MSVOA_X
ClientSampleId :
VX1231MBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.4	8.4	12.6

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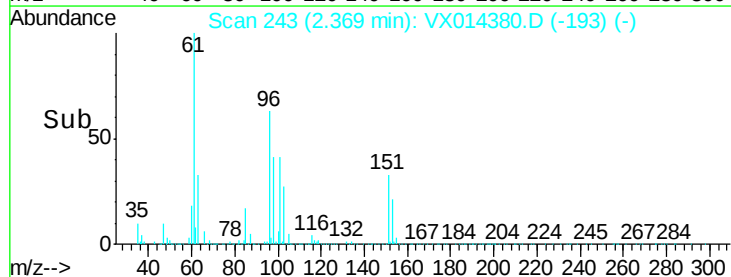
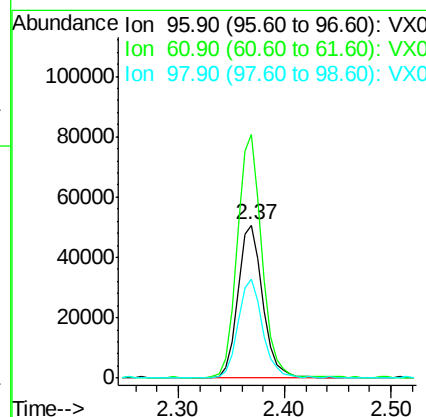
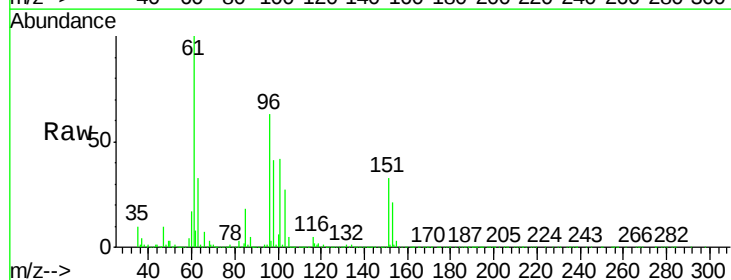
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#12

1,1-Dichloroethene
Concen: 18.616 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.01 min
Lab File: VX014380.D
Acq: 31 Dec 2019 15:17

Tgt Ion	Ratio	Lower	Upper
96	100		
61	158.5	127.9	191.9
98	64.5	50.5	75.7





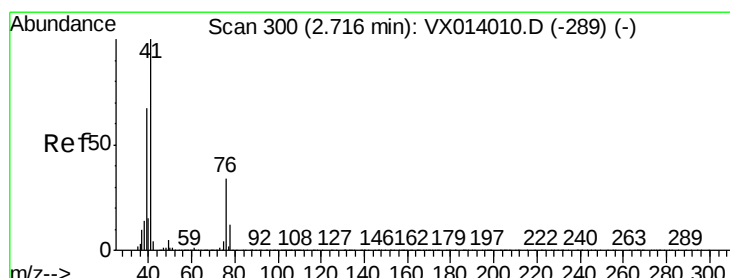
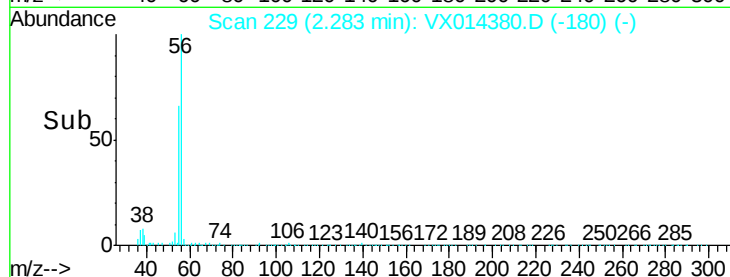
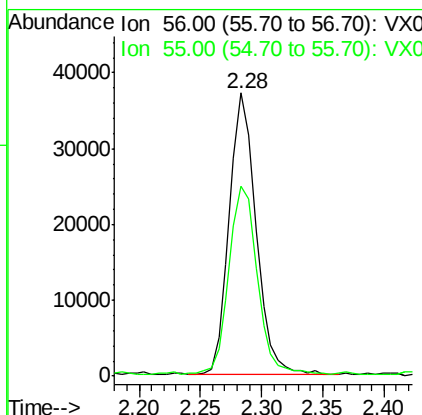
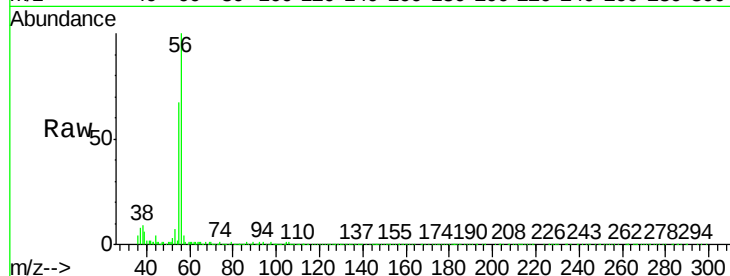
#13
Acrolein
Concen: 86.325 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX014380.D
Acq: 31 Dec 2019 15:17

Instrument :
MSVOA_X
ClientSampleId :
VX1231MBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
55	70.7	56.9	85.3

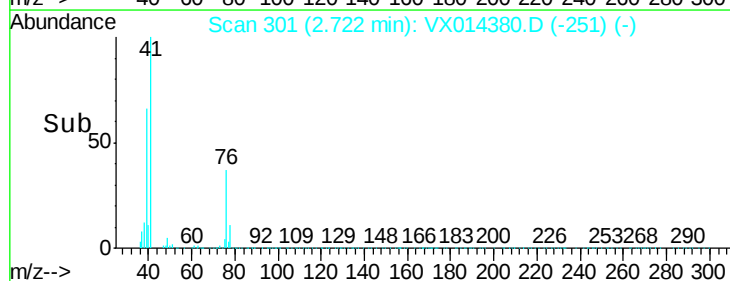
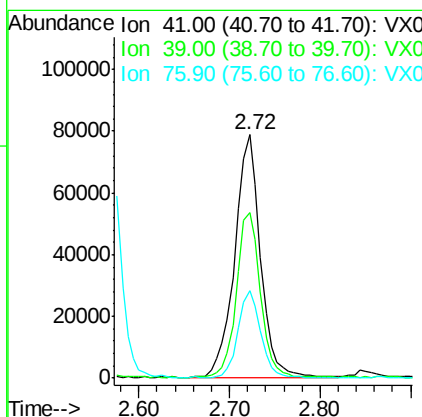
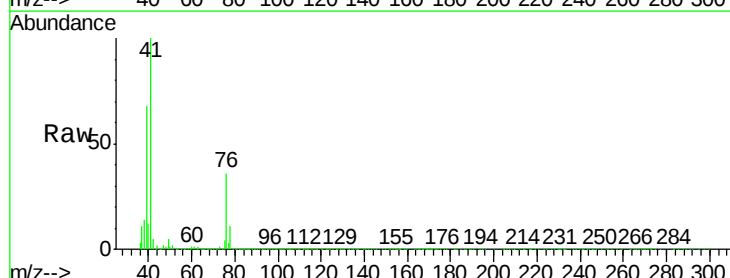
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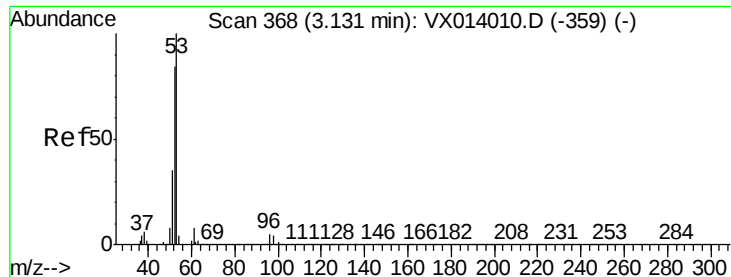
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#14
Allyl chloride
Concen: 19.312 ug/l
RT: 2.72 min Scan# 301
Delta R.T. 0.01 min
Lab File: VX014380.D
Acq: 31 Dec 2019 15:17

Tgt Ion	Ratio	Lower	Upper
41	100		
39	64.0	51.8	77.8
76	31.4	25.9	38.9





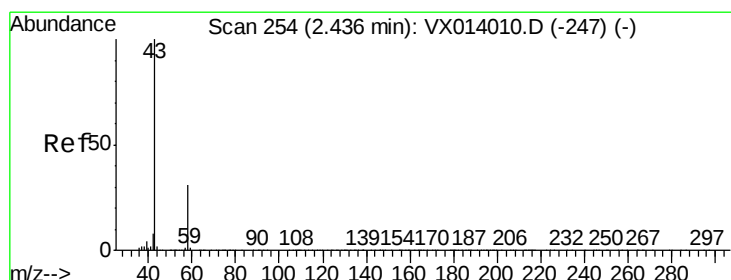
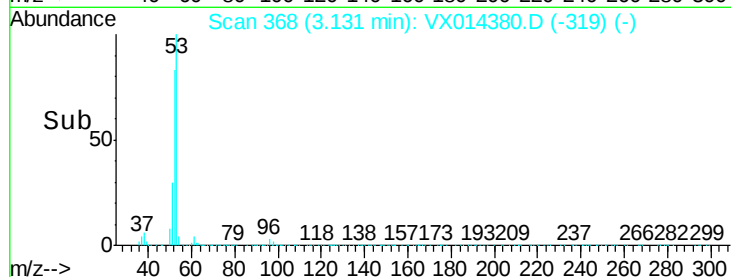
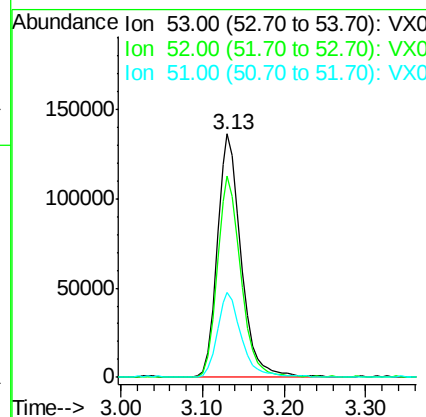
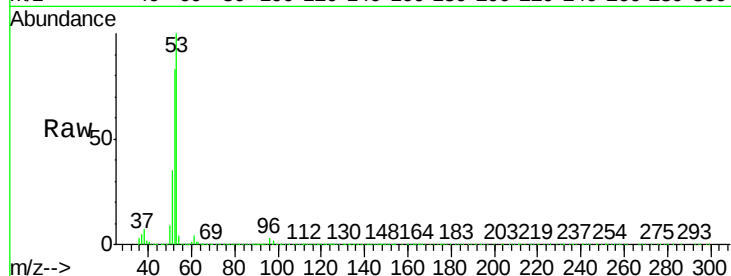
#15
 Acrylonitrile
 Concen: 104.250 ug/l
 RT: 3.13 min Scan# 368
 Delta R.T. 0.00 min
 Lab File: VX014380.D
 Acq: 31 Dec 2019 15:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1231MBS01

Tot Ion	53	Resp	277527
Ion Ratio	Lower	Upper	
53	100		
52	81.6	66.5	99.7
51	34.8	28.1	42.1

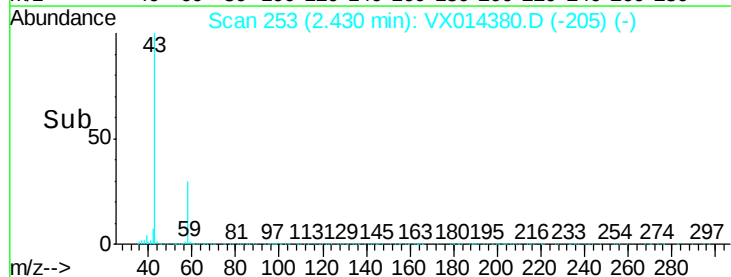
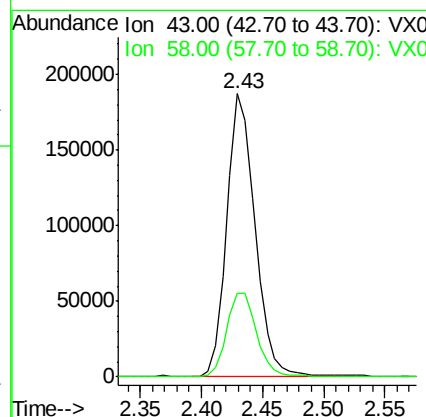
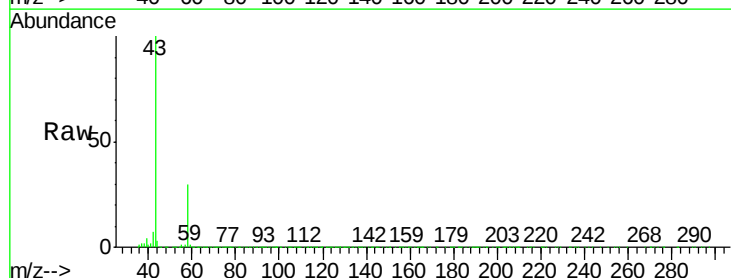
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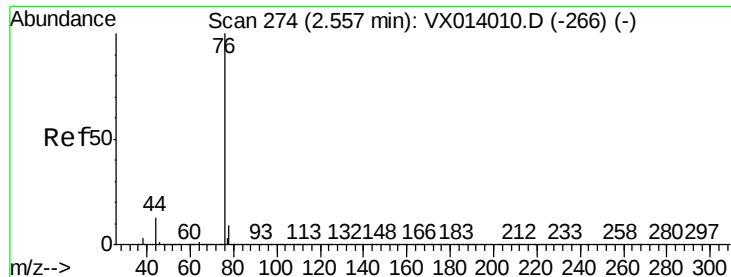
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#16
 Acetone
 Concen: 86.741 ug/l
 RT: 2.43 min Scan# 253
 Delta R.T. -0.01 min
 Lab File: VX014380.D
 Acq: 31 Dec 2019 15:17

Tgt Ion	43	Resp	297250
Ion Ratio	Lower	Upper	
43	100		
58	29.5	24.9	37.3





#17

Carbon Disulfide

Concen: 15.719 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014380.D

Acq: 31 Dec 2019 15:17

Instrument :

MSVOA_X

ClientSampleId :

VX1231MBSD01

Tot Ion: 76 Resp: 189011

Ion Ratio Lower Upper

76 100

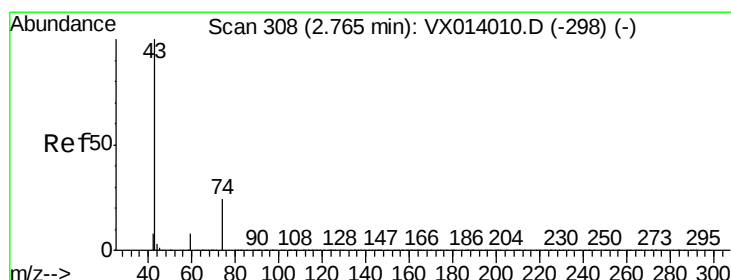
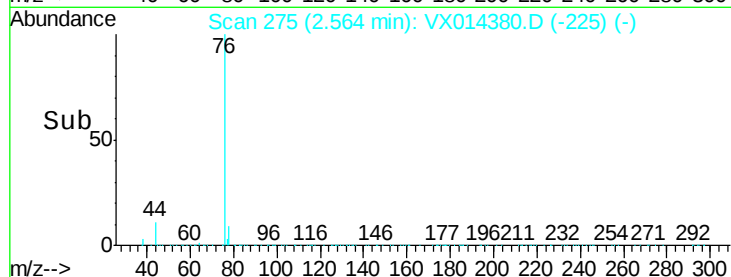
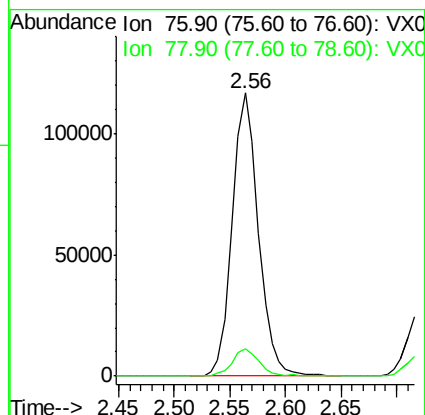
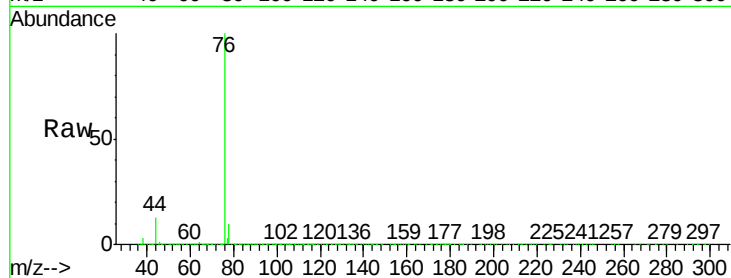
78 9.4 7.2 10.8

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#18

Methyl Acetate

Concen: 20.802 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX014380.D

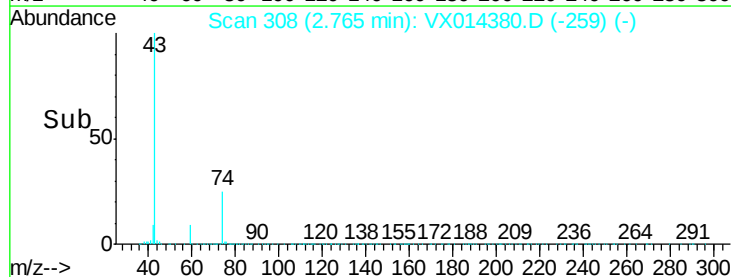
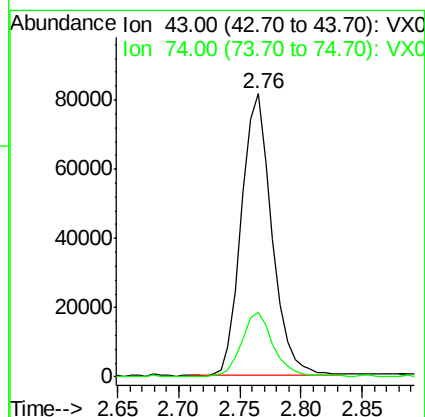
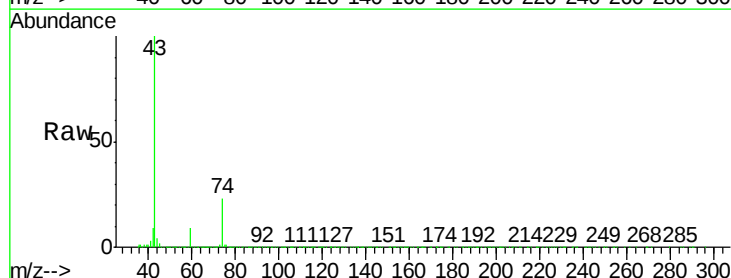
Acq: 31 Dec 2019 15:17

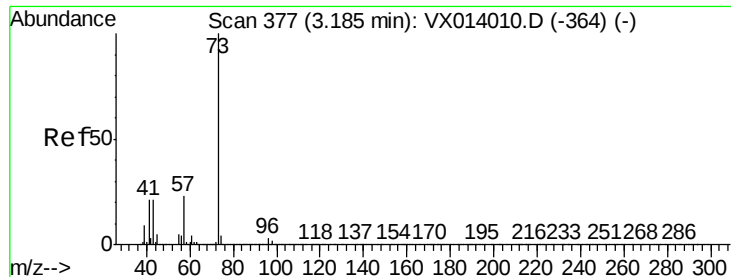
Tgt Ion: 43 Resp: 141254

Ion Ratio Lower Upper

43 100

74 23.6 19.5 29.3





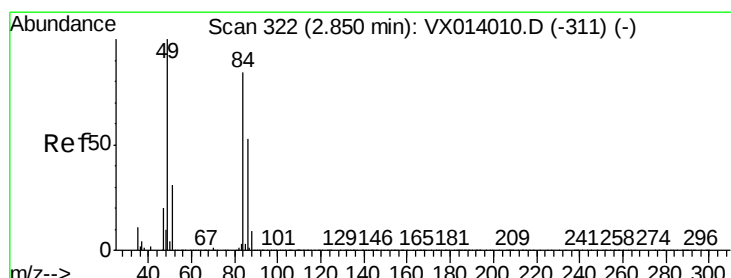
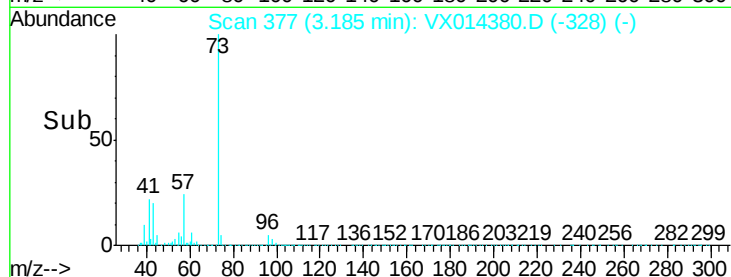
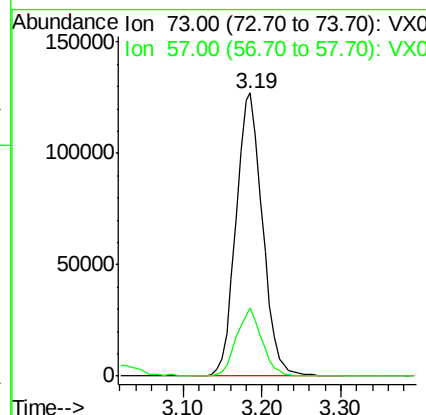
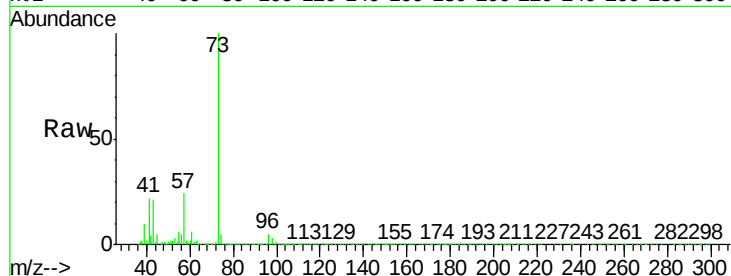
#19
Methyl tert-butyl Ether
Concen: 20.115 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX014380.D
Acq: 31 Dec 2019 15:17

Instrument :
MSVOA_X
ClientSampleId :
VX1231MBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	24.2	18.8	28.2

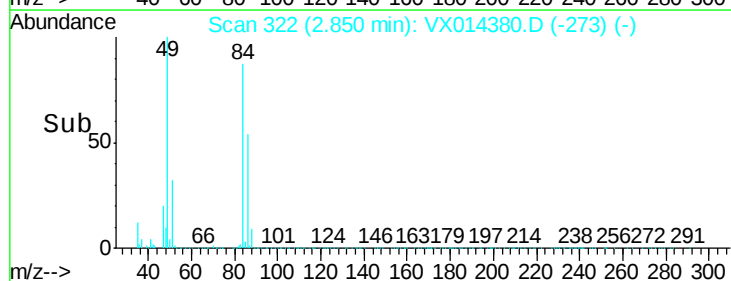
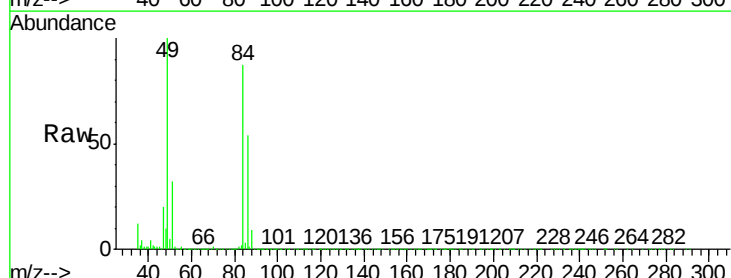
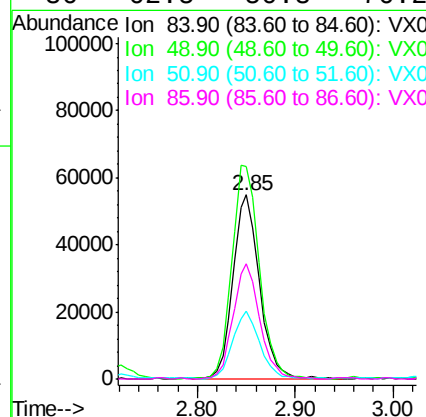
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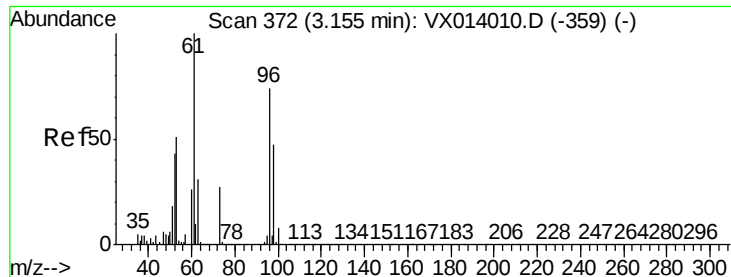
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#20
Methylene Chloride
Concen: 18.987 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014380.D
Acq: 31 Dec 2019 15:17

Tgt Ion	Ratio	Lower	Upper
84	100		
49	115.1	95.8	143.6
51	36.3	29.8	44.8
86	62.5	50.8	76.2





#21

trans-1,2-Dichloroethene

Concen: 18.006 ug/l

RT: 3.16 min Scan# 373

Delta R.T. 0.01 min

Lab File: VX014380.D

Acq: 31 Dec 2019 15:17

Instrument :

MSVOA_X

ClientSampleId :

VX1231MBSD01

Tot Ion: 96 Resp: 88872

Ion Ratio Lower Upper

96 100

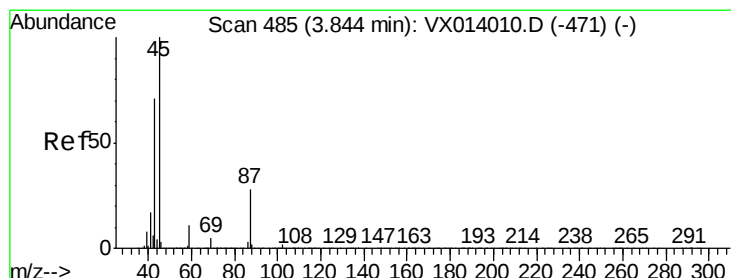
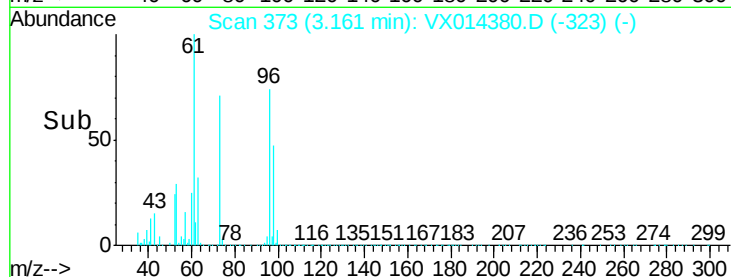
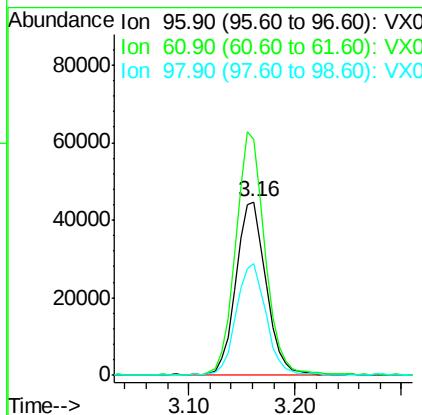
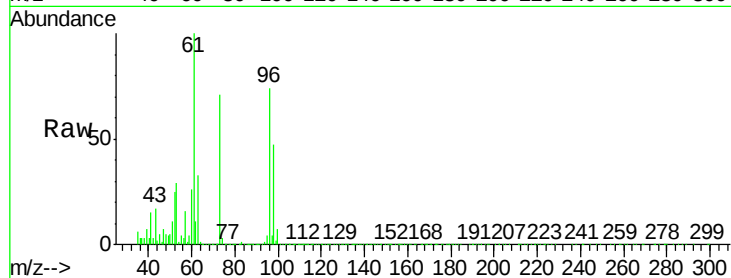
61 135.4 108.3 162.5

98 63.7 50.8 76.2

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#22

Diisopropyl ether

Concen: 20.758 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX014380.D

Acq: 31 Dec 2019 15:17

Tgt Ion: 45 Resp: 330888

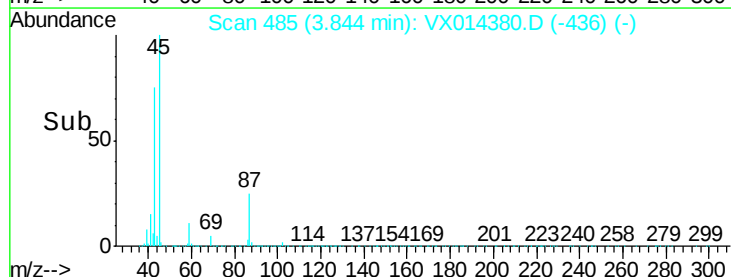
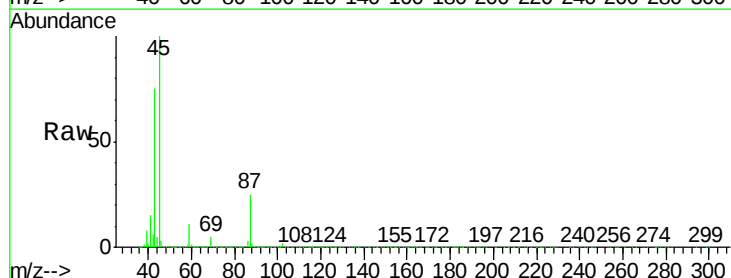
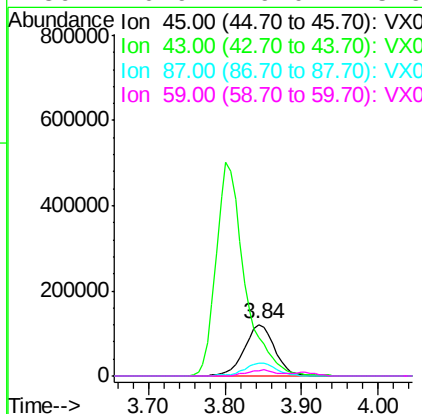
Ion Ratio Lower Upper

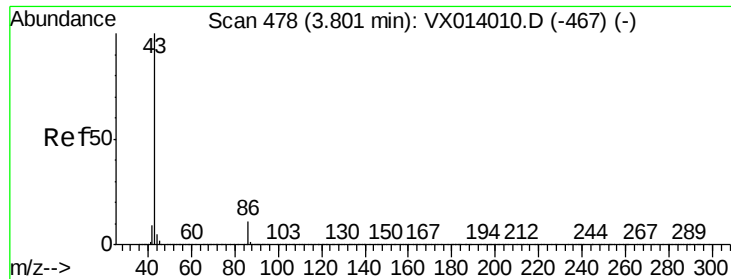
45 100

43 75.0 57.4 86.0

87 24.6 21.9 32.9

59 10.9 9.0 13.6





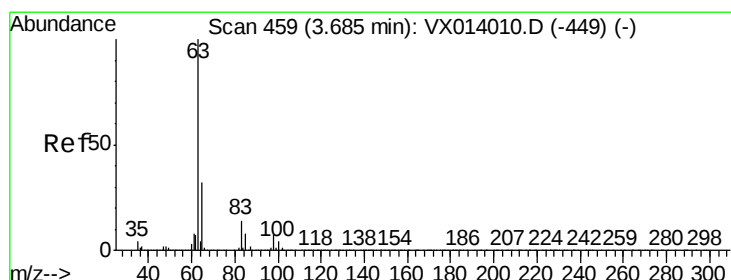
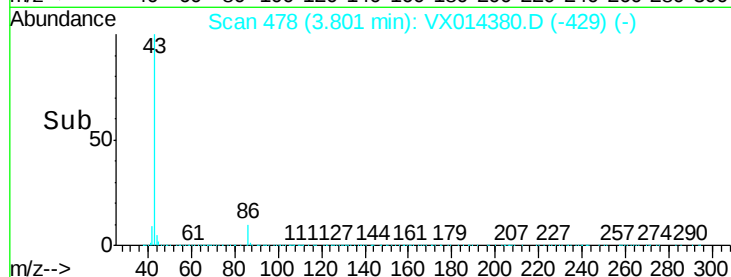
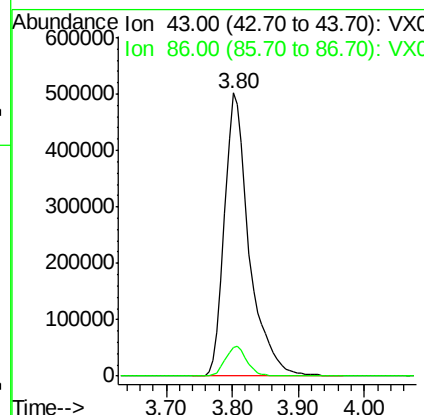
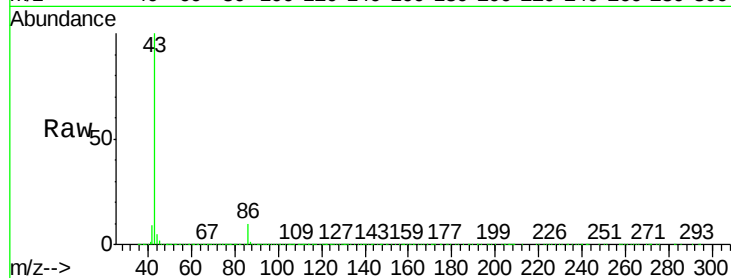
#23
 Vinyl Acetate
 Concen: 99.879 ug/l
 RT: 3.80 min Scan# 478
 Delta R.T. 0.00 min
 Lab File: VX014380.D
 Acq: 31 Dec 2019 15:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1231MBSD01

Tot Ion	43	Resp	1299233
Ion	Ratio	Lower	Upper
43	100		
86	10.3	8.6	12.8

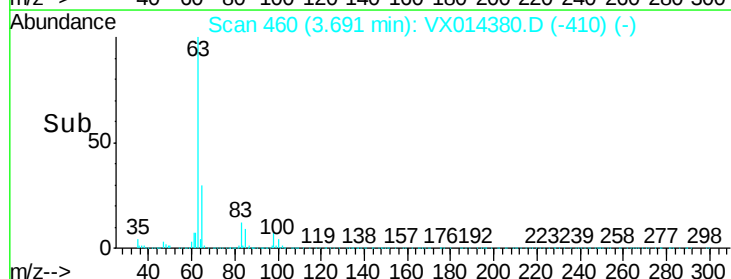
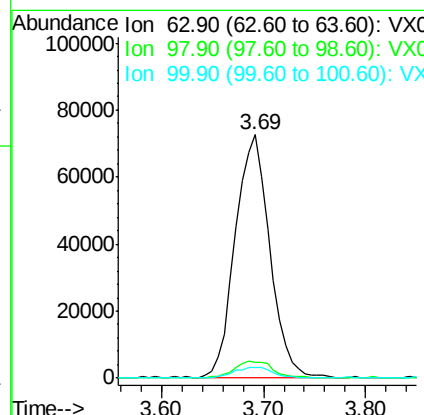
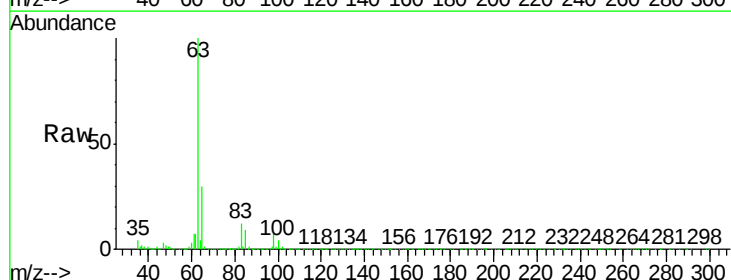
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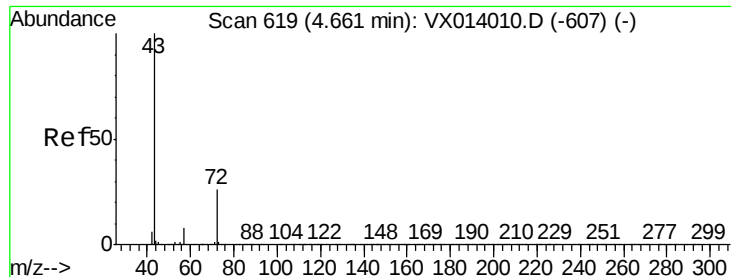
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#24
 1,1-Dichloroethane
 Concen: 19.138 ug/l
 RT: 3.69 min Scan# 460
 Delta R.T. 0.01 min
 Lab File: VX014380.D
 Acq: 31 Dec 2019 15:17

Tgt Ion	63	Resp	169720
Ion	Ratio	Lower	Upper
63	100		
98	6.4	3.6	10.8
100	4.1	2.3	6.8





#25

2-Butanone

Concen: 97.389 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX014380.D

Acq: 31 Dec 2019 15:17

Tot Ion: 43 Resp: 411460

Ion Ratio Lower Upper

43 100

72 24.4 21.0 31.4

Instrument :

MSVOA_X

ClientSampleId :

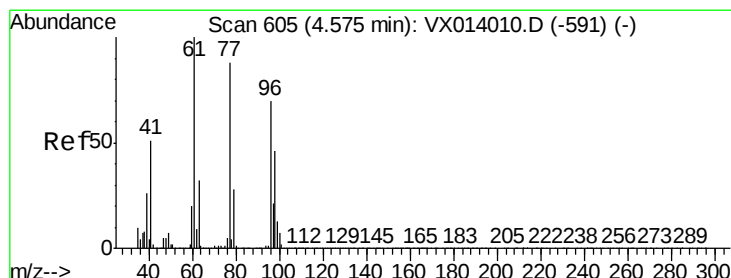
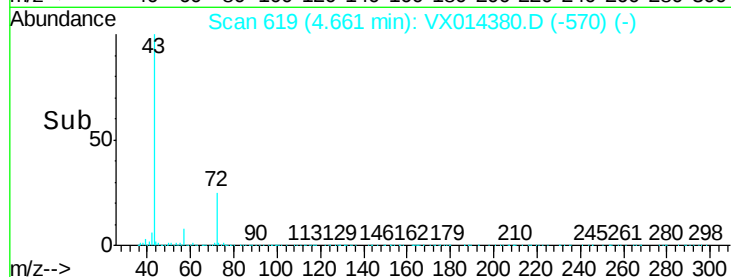
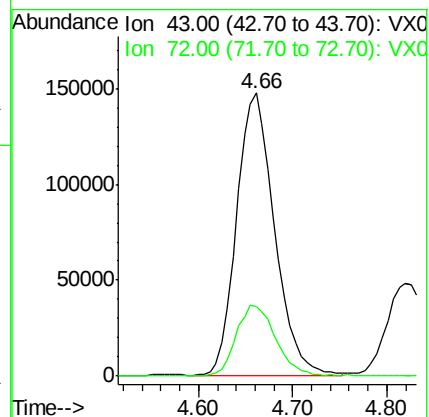
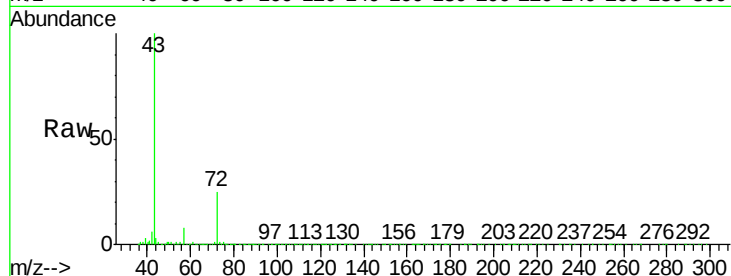
VX1231MBSD01

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#26

2,2-Dichloropropane

Concen: 18.234 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014380.D

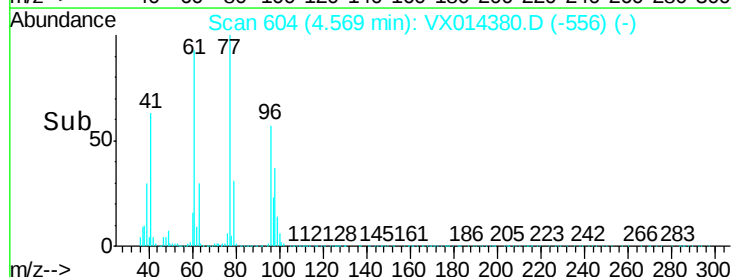
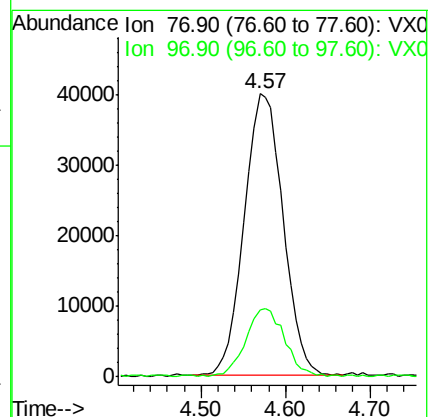
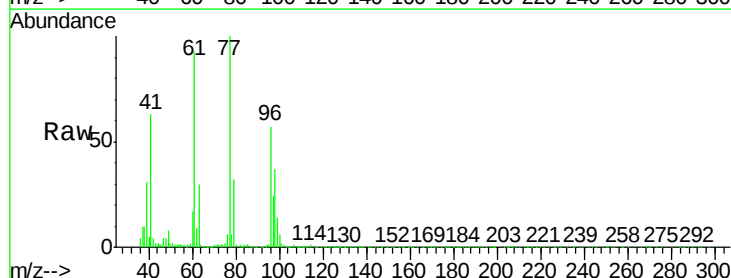
Acq: 31 Dec 2019 15:17

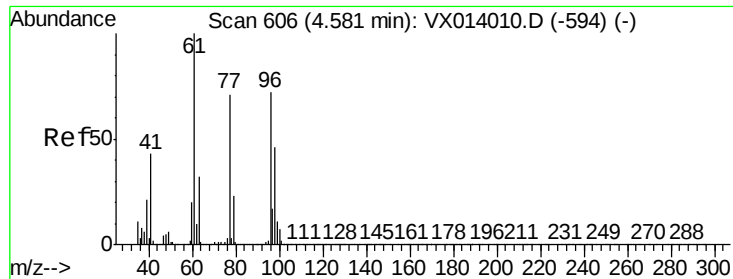
Tgt Ion: 77 Resp: 125553

Ion Ratio Lower Upper

77 100

97 24.0 11.9 35.9





#27

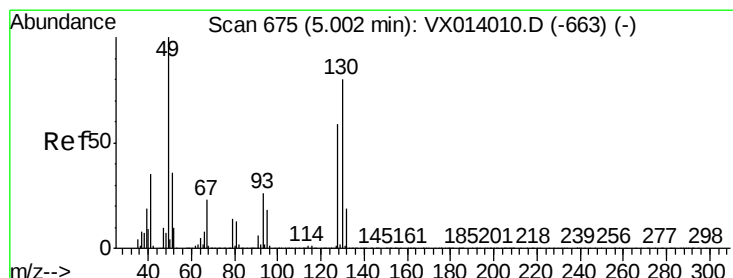
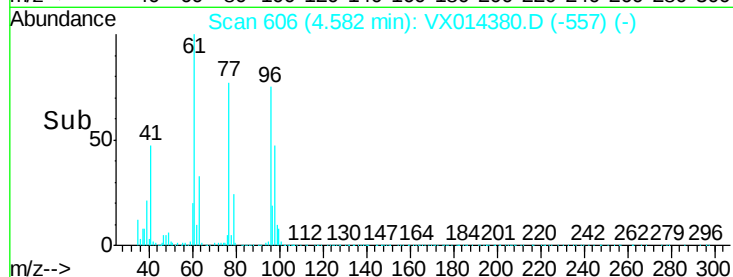
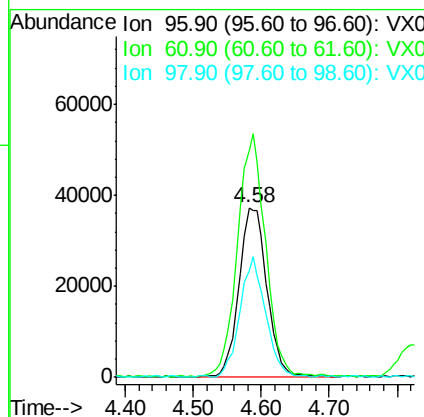
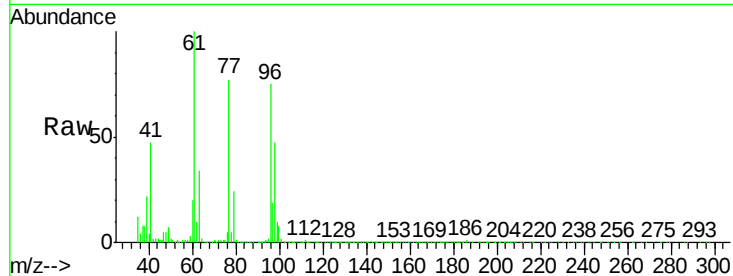
cis-1,2-Dichloroethene
Concen: 19.016 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX014380.D
Acq: 31 Dec 2019 15:17

Instrument :
MSVOA_X
ClientSampleId :
VX1231MBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	106147		
61	143.3	0.0	288.4	
98	64.1	0.0	129.6	

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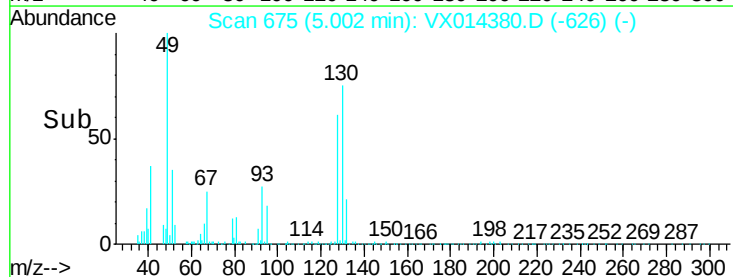
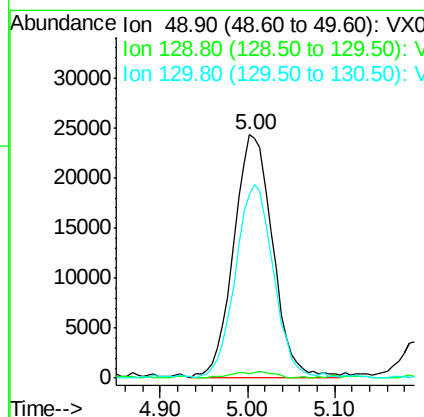
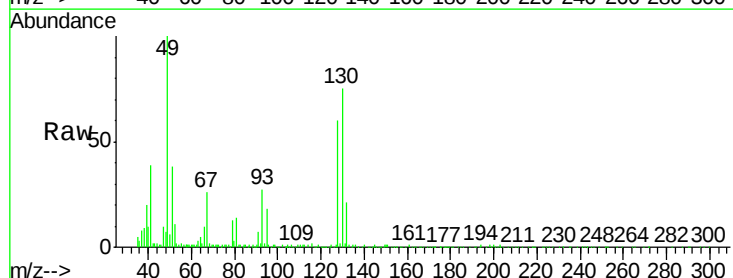
apatel
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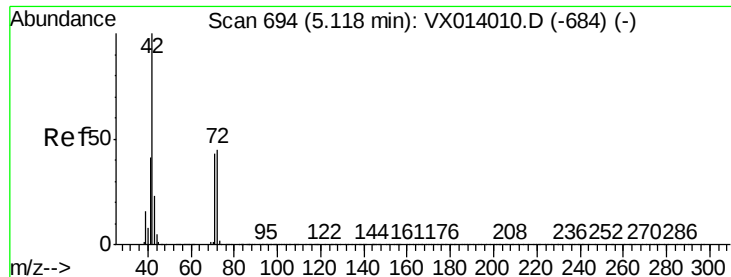


#28

Bromochloromethane
Concen: 22.473 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX014380.D
Acq: 31 Dec 2019 15:17

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	75787		
129	1.4	0.0	5.0	
130	76.1	64.6	97.0	





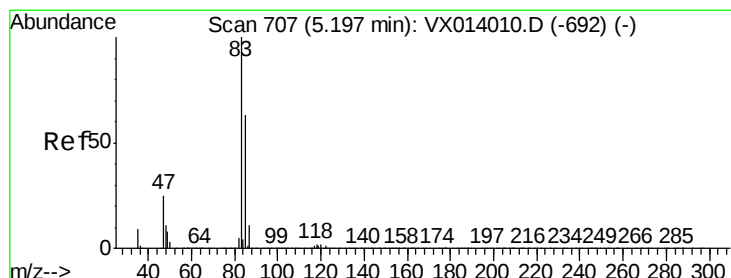
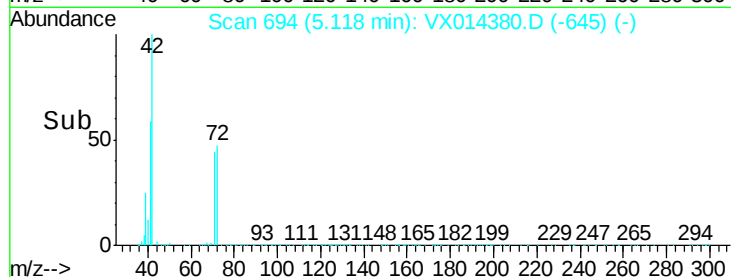
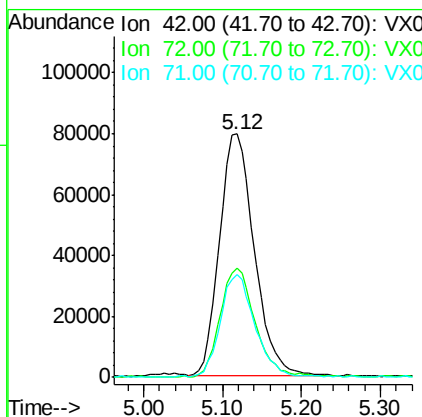
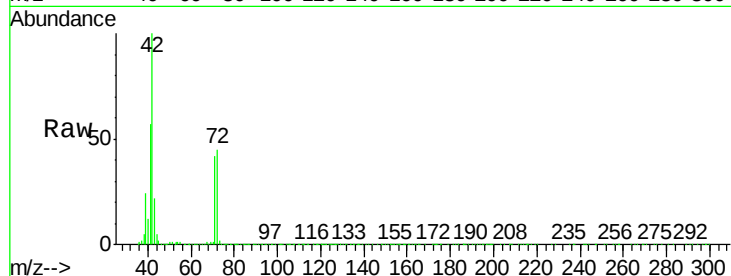
#29
Tetrahydrofuran
Concen: 102.897 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.00 min
Lab File: VX014380.D
Acq: 31 Dec 2019 15:17

Instrument :
MSVOA_X
ClientSampleId :
VX1231MBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
42	100		243156		
72	45.6	35.8	53.8		
71	42.1	33.6	50.4		

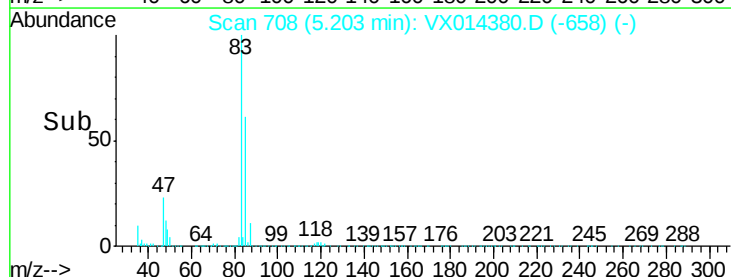
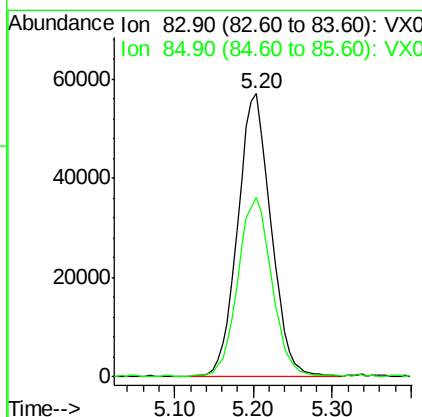
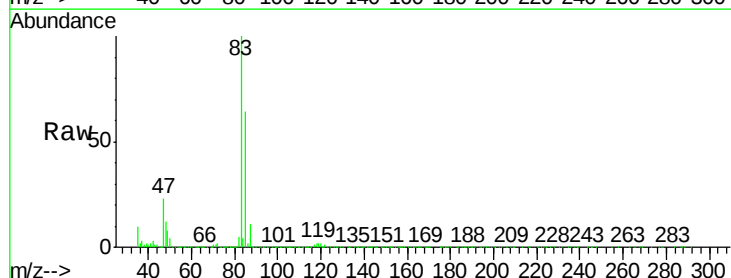
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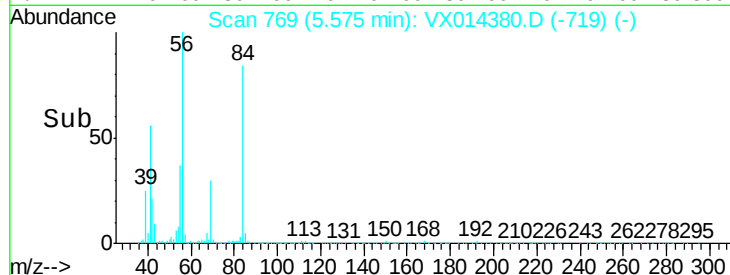
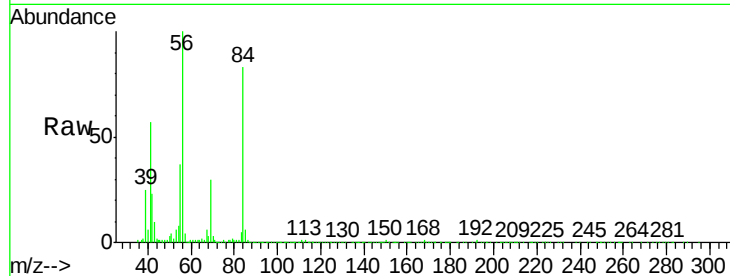
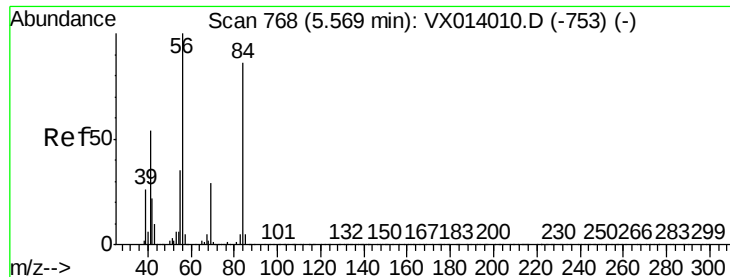
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#30
Chloroform
Concen: 19.952 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.01 min
Lab File: VX014380.D
Acq: 31 Dec 2019 15:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
83	100		167736		
85	63.2	50.8	76.2		





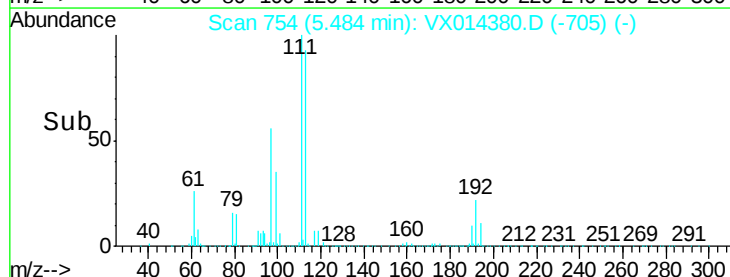
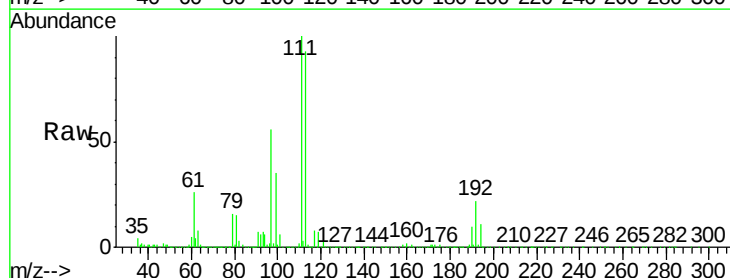
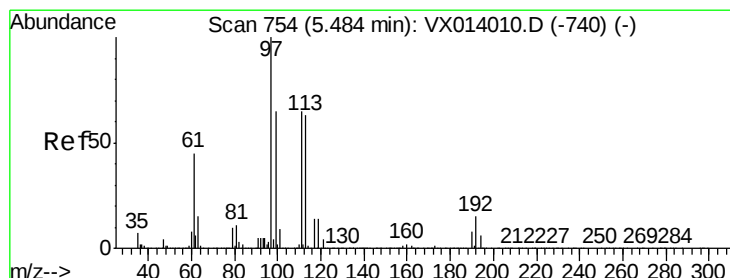
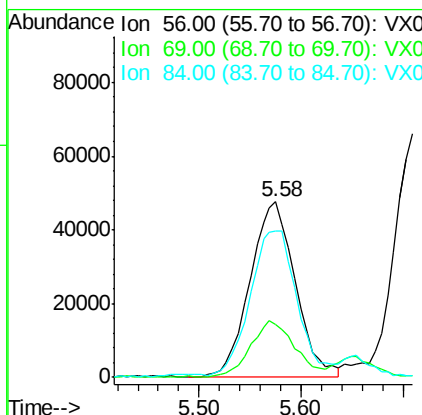
#31
Cyclohexane
Concen: 18.459 ug/l
RT: 5.58 min Scan# 769
Delta R.T. 0.01 min
Lab File: VX014380.D
Acq: 31 Dec 2019 15:17

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.6	23.2	34.8
84	81.5	69.2	103.8

Instrument :
MSVOA_X
ClientSampleId :
VX1231MBS01

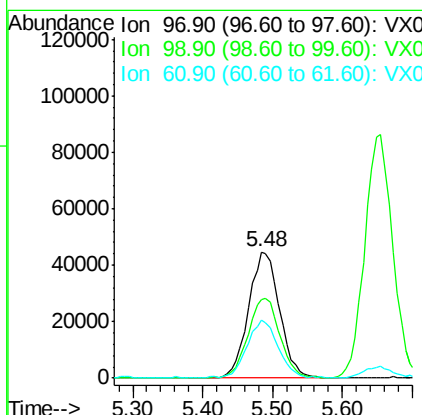
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#32
1,1,1-Trichloroethane
Concen: 19.097 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX014380.D
Acq: 31 Dec 2019 15:17

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.6	52.0	78.0
61	45.7	36.7	55.1





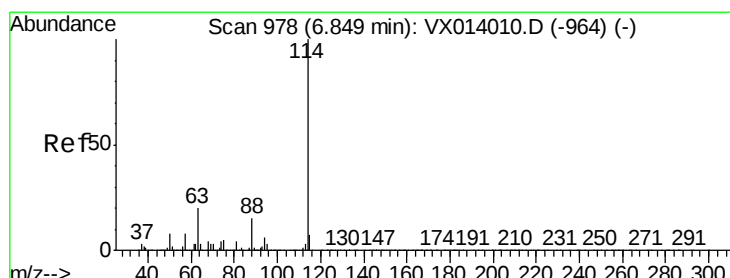
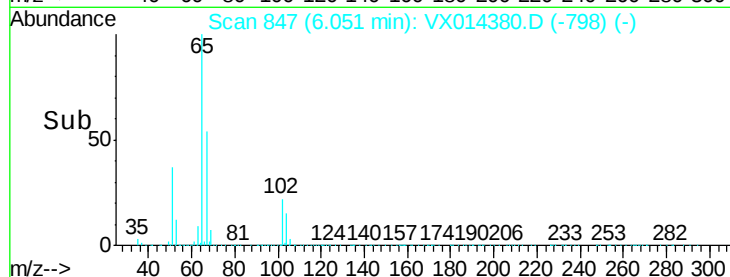
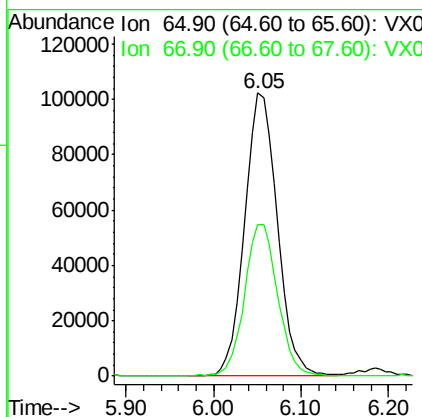
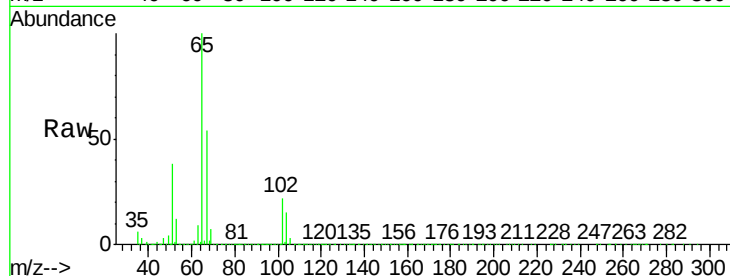
#33
 1,2-Dichloroethane-d4
 Concen: 50.355 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX014380.D
 Acq: 31 Dec 2019 15:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1231MBSD01

Tot Ion	Ratio	Resp Lower	Upper
65	100		
67	53.8	0.0	106.4

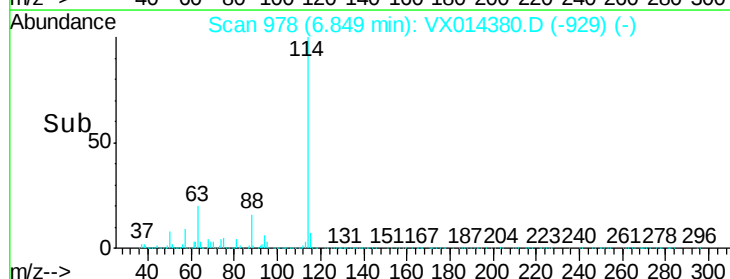
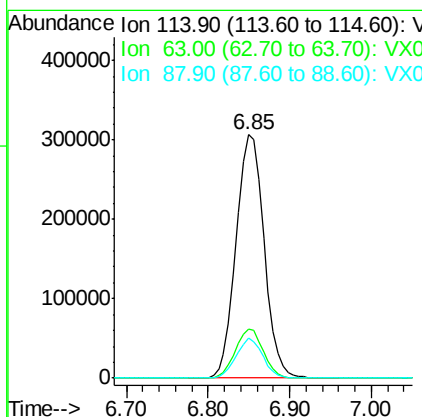
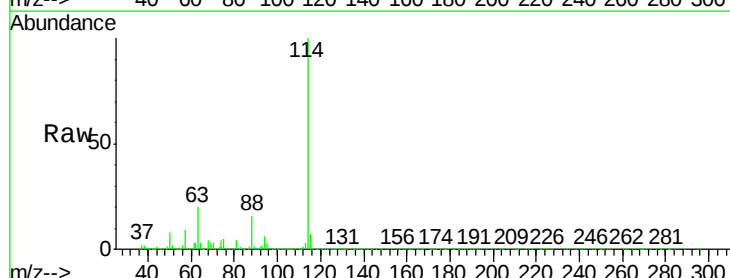
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014380.D
 Acq: 31 Dec 2019 15:17

Tgt Ion	Ratio	Resp Lower	Upper
114	100		
63	20.1	0.0	40.8
88	16.2	0.0	30.4





#35

Dibromofluoromethane

Concen: 49.907 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014380.D

Acq: 31 Dec 2019 15:17

Instrument :

MSVOA_X

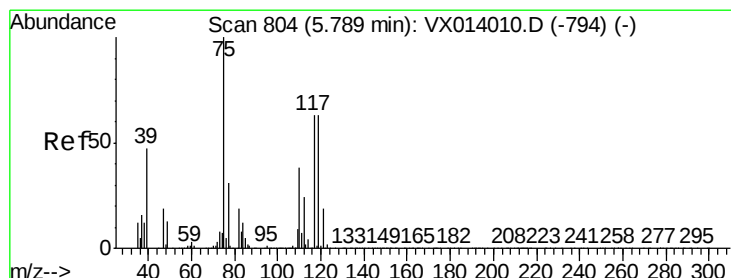
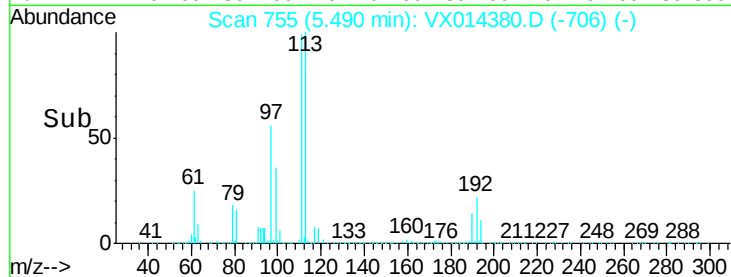
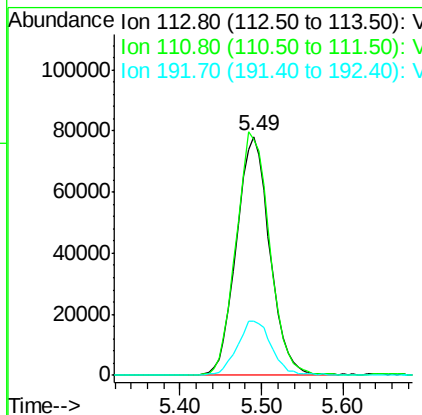
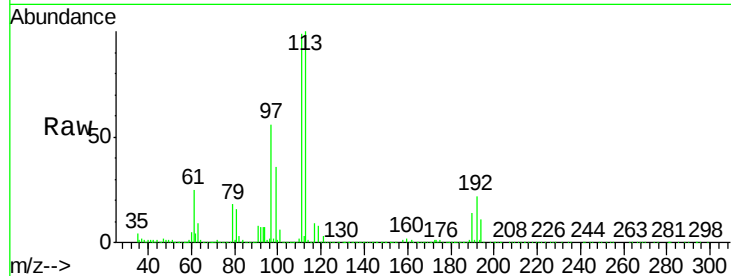
ClientSampleId :

VX1231MBSD01

Tot Ion:	113	Resp:	220905
Ion Ratio	Lower	Upper	
113	100		
111	102.0	82.0	123.0
192	23.4	19.3	28.9

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#36

1,1-Dichloropropene

Concen: 18.064 ug/l

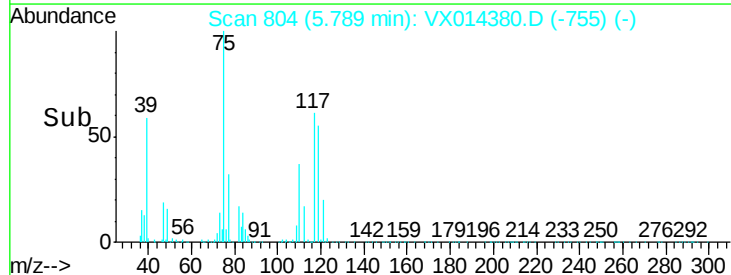
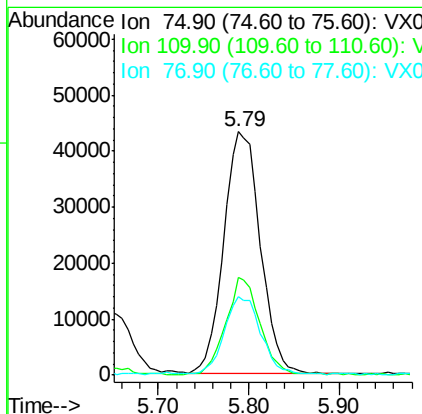
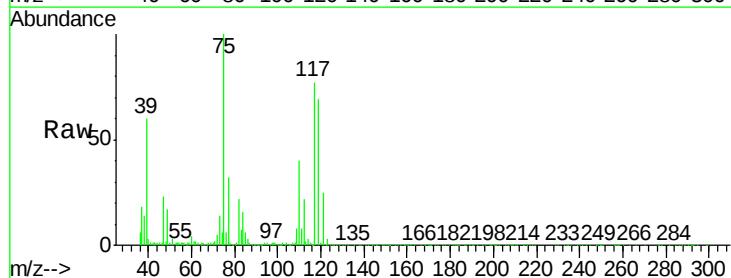
RT: 5.79 min Scan# 804

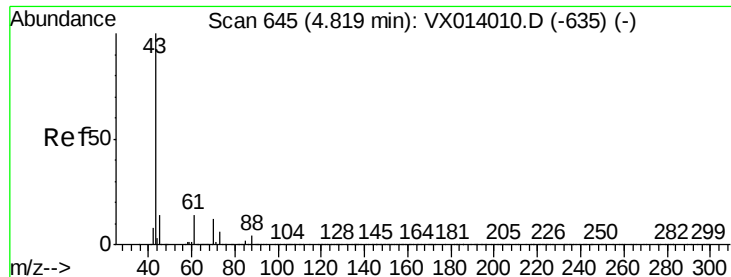
Delta R.T. 0.00 min

Lab File: VX014380.D

Acq: 31 Dec 2019 15:17

Tgt Ion:	75	Resp:	120688
Ion Ratio	Lower	Upper	
75	100		
110	37.4	18.3	54.9
77	32.3	24.8	37.2





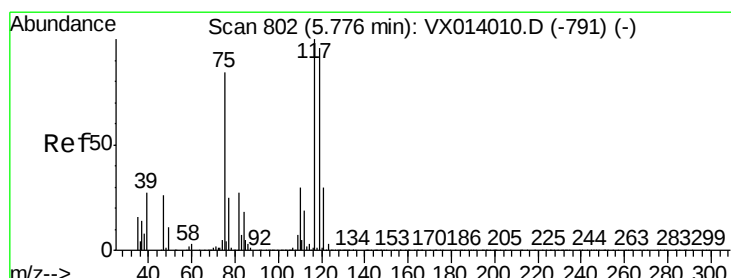
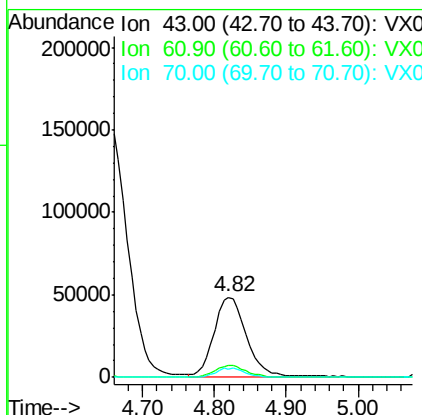
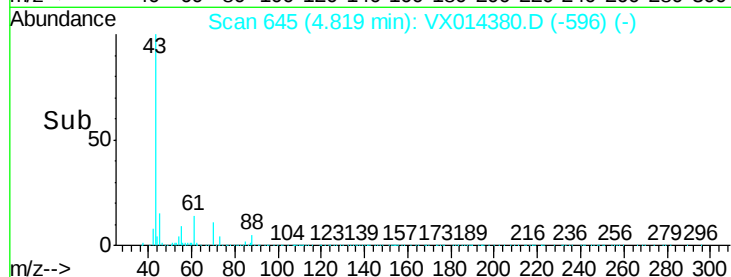
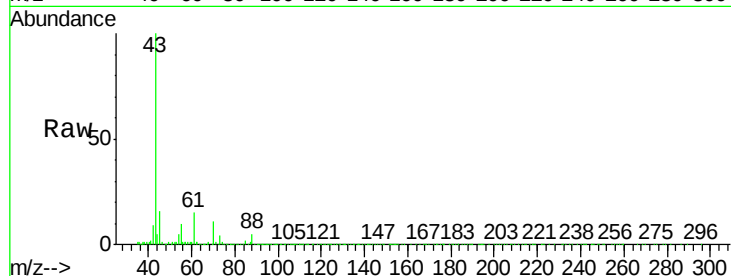
#37
Ethyl Acetate
Concen: 20.194 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX014380.D
Acq: 31 Dec 2019 15:17

Instrument :
MSVOA_X
ClientSampled :
VX1231MBSD01

Tot Ion	43	Resp	148990
Ion Ratio	Lower	Upper	
43	100		
61	13.4	10.8	16.2
70	10.2	8.6	12.8

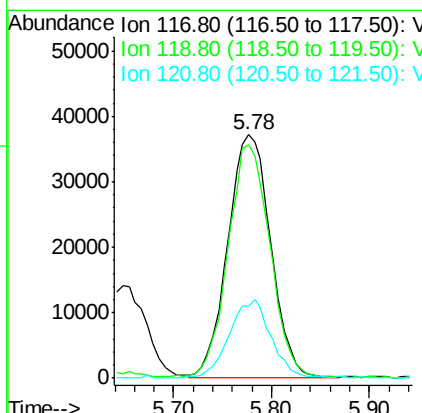
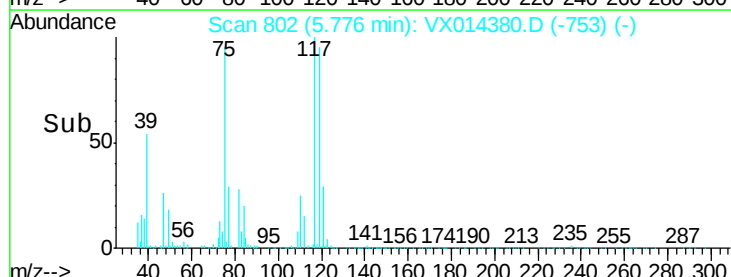
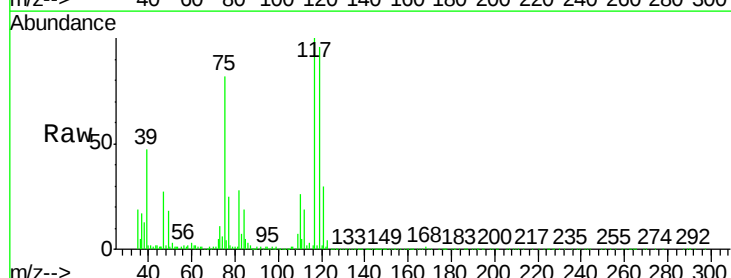
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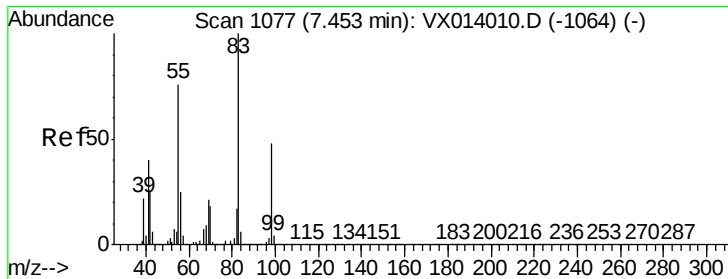
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#38
Carbon Tetrachloride
Concen: 18.439 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014380.D
Acq: 31 Dec 2019 15:17

Tgt Ion	117	Resp	112225
Ion Ratio	Lower	Upper	
117	100		
119	95.5	76.2	114.4
121	29.3	23.6	35.4





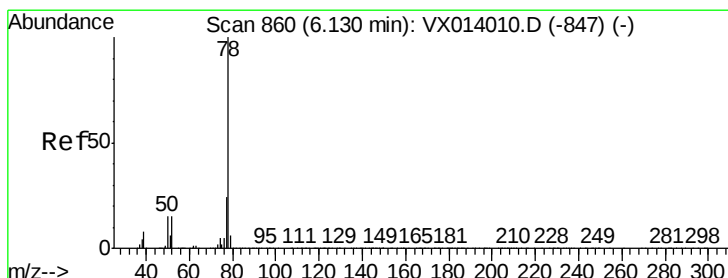
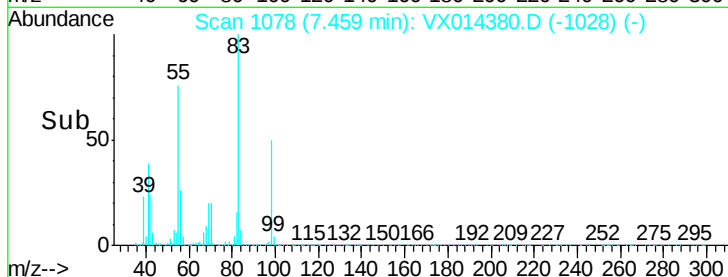
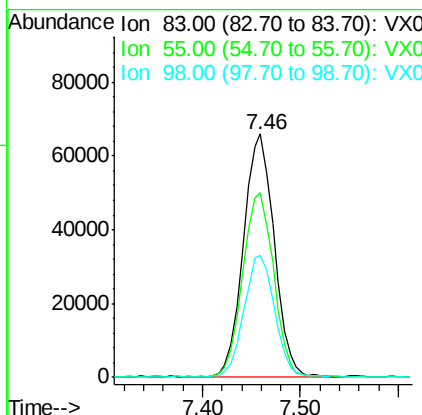
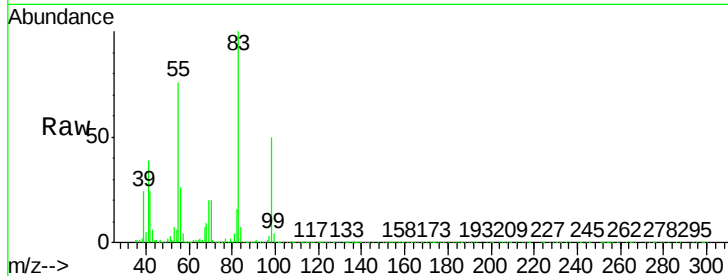
#39
Methvlcvclohexane
Concen: 17.431 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX014380.D
Acq: 31 Dec 2019 15:17

Instrument :
MSVOA_X
ClientSampleId :
VX1231MBSD01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	143796		
55	75.9	61.0	91.6	
98	50.0	38.6	57.8	

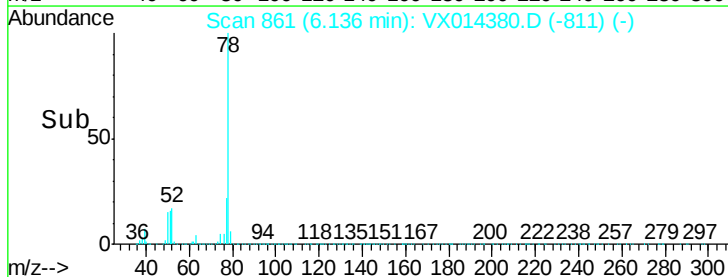
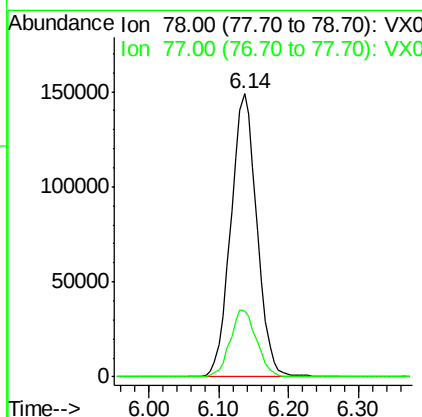
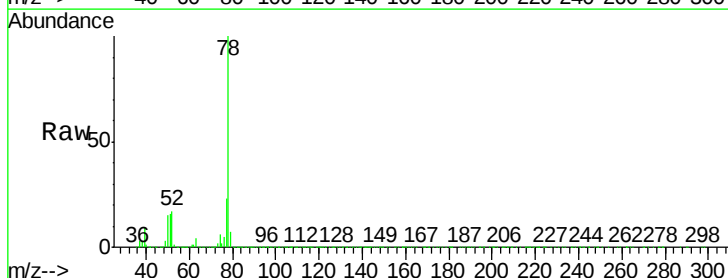
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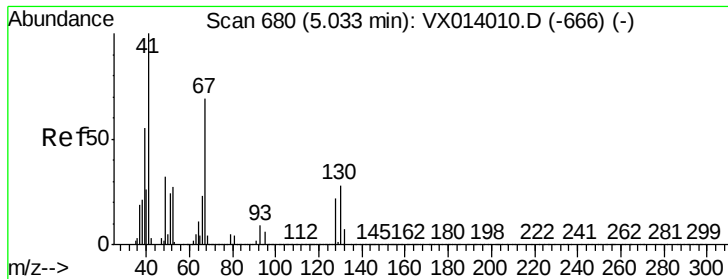
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#40
Benzene
Concen: 18.668 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX014380.D
Acq: 31 Dec 2019 15:17

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	383760		
77	23.1	18.8	28.2	





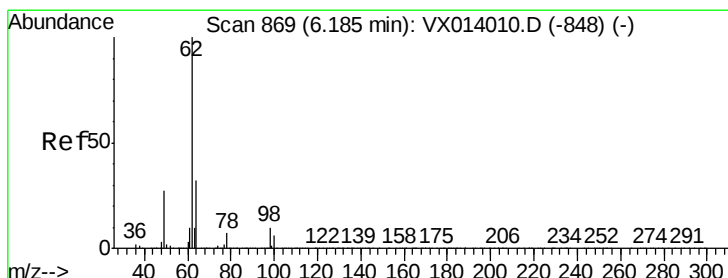
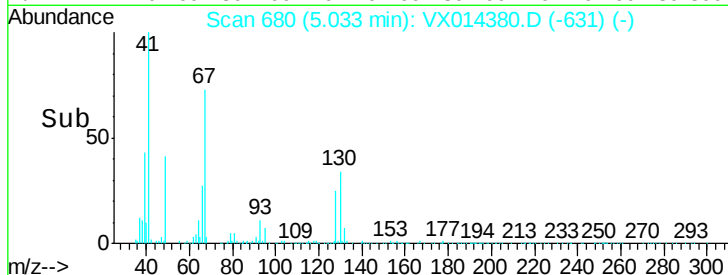
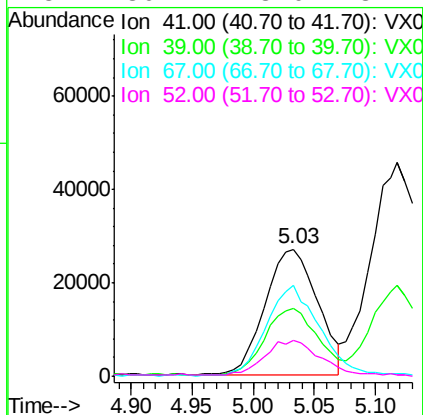
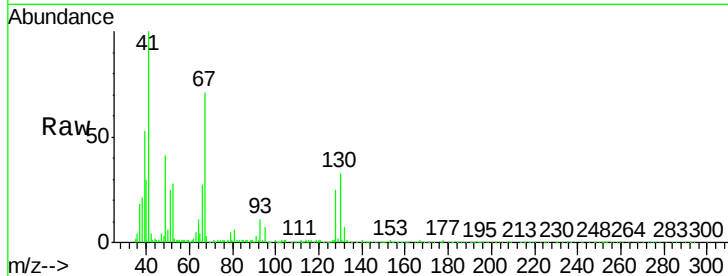
#41
Methacrylonitrile
Concen: 19.760 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.00 min
Lab File: VX014380.D
Acq: 31 Dec 2019 15:17

Instrument :
MSVOA_X
ClientSampleId :
VX1231MBSD01

Tot Ion:	41	Resp:	80888
Ion	Ratio	Lower	Upper
41	100		
39	54.1	44.5	66.7
67	72.4	57.4	86.0
52	30.2	23.0	34.4

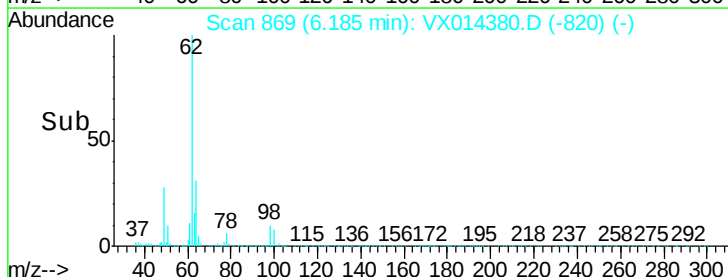
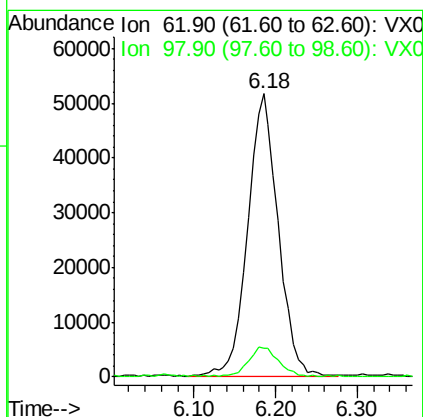
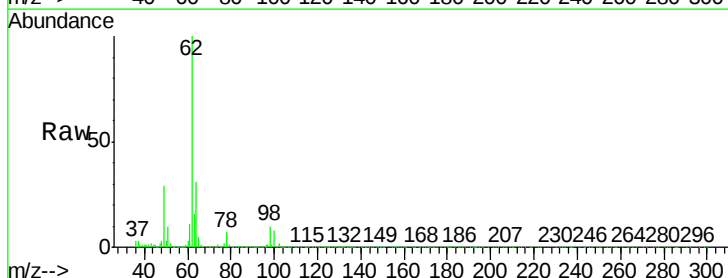
Manual Integrations
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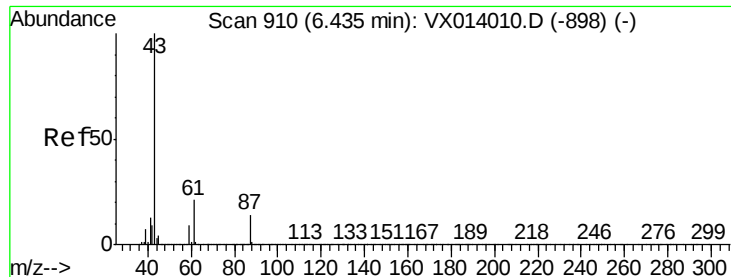
apatel
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#42
1,2-Dichloroethane
Concen: 19.216 ug/l
RT: 6.18 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX014380.D
Acq: 31 Dec 2019 15:17

Tgt Ion:	62	Resp:	133905
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	21.0





#43

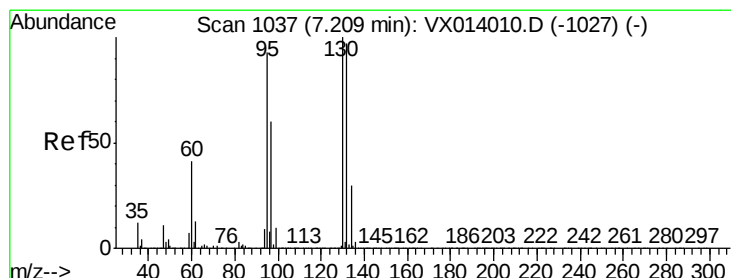
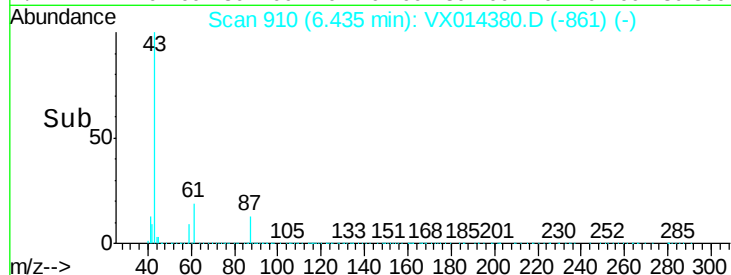
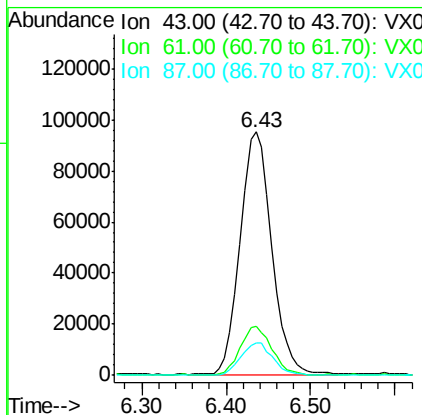
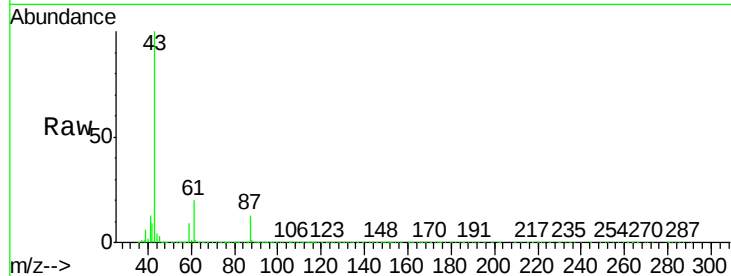
Isopropyl Acetate
 Concen: 20.015 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX014380.D
 Acq: 31 Dec 2019 15:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1231MBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.7	16.4	24.6
87	13.2	10.7	16.1

Manual Integrations
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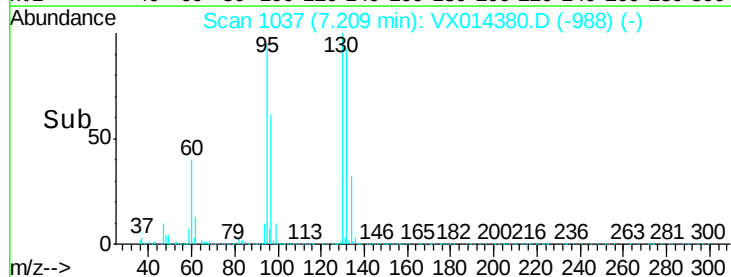
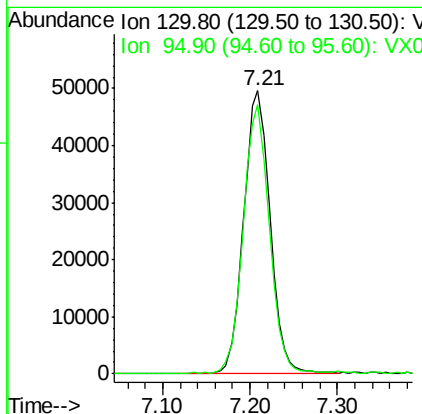
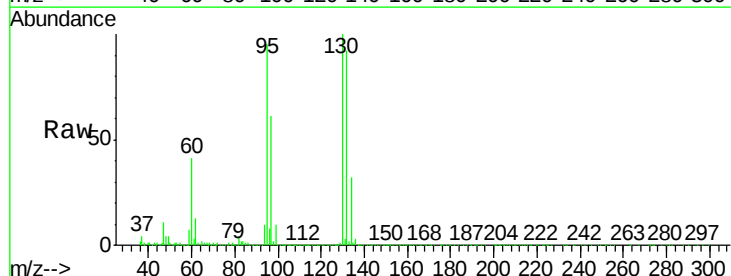
apatel
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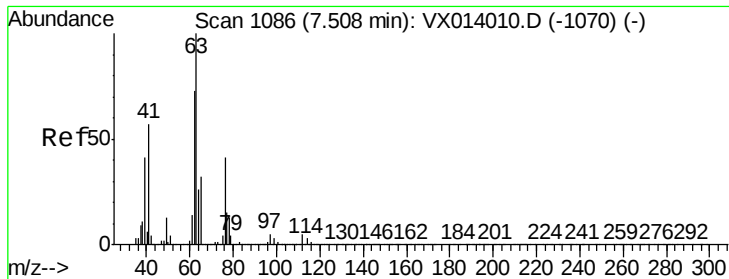


#44

Trichloroethene
 Concen: 18.406 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: VX014380.D
 Acq: 31 Dec 2019 15:17

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.9	0.0	185.6





#45

1,2-Dichloropropane

Concen: 19.685 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX014380.D

Acq: 31 Dec 2019 15:17

Instrument :

MSVOA_X

ClientSampleId :

VX1231MBSD01

Tot Ion: 63 Resp: 103718

Ion Ratio Lower Upper

63 100

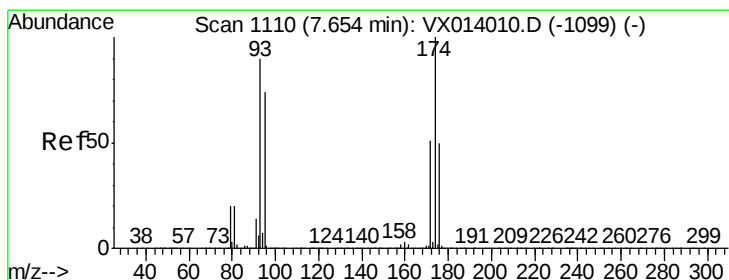
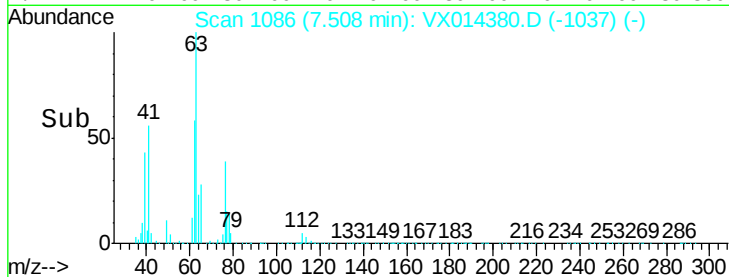
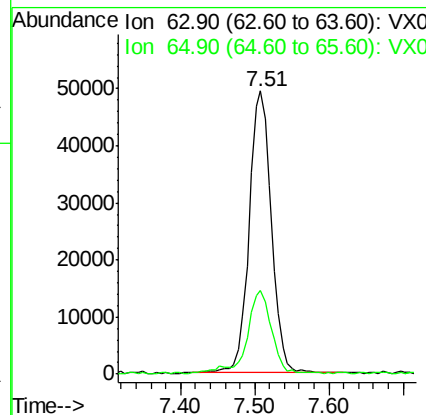
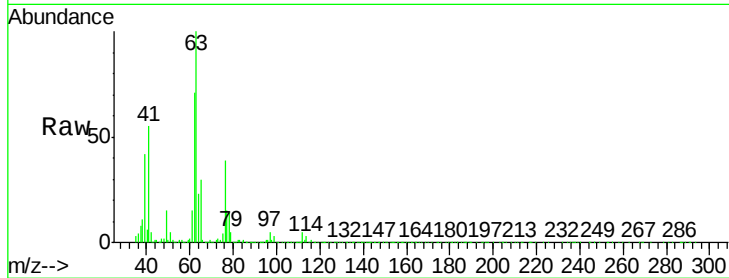
65 29.0 25.8 38.8

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#46

Dibromomethane

Concen: 18.698 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX014380.D

Acq: 31 Dec 2019 15:17

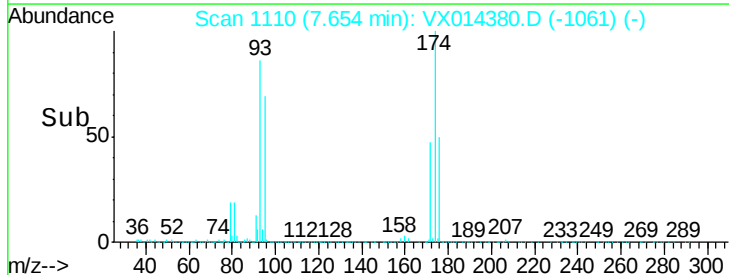
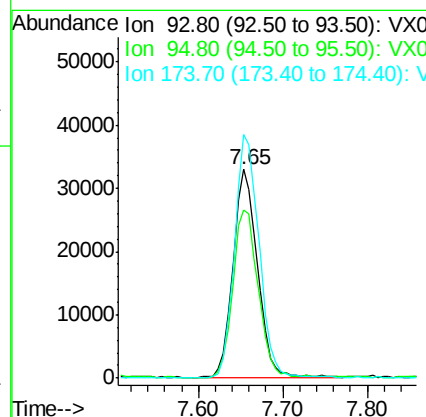
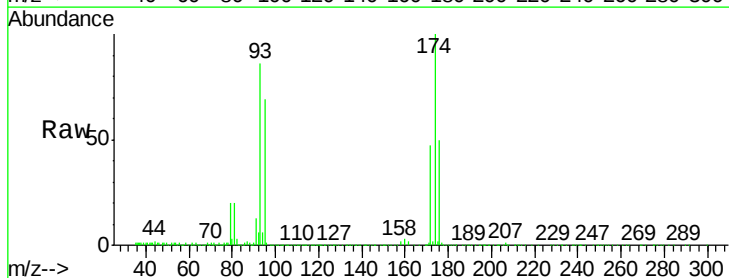
Tgt Ion: 93 Resp: 65136

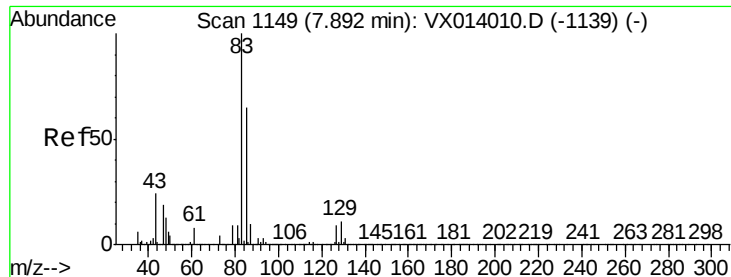
Ion Ratio Lower Upper

93 100

95 83.6 67.3 100.9

174 116.2 91.6 137.4





#47

Bromodichloromethane

Concen: 18.324 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014380.D

Acq: 31 Dec 2019 15:17

Instrument :

MSVOA_X

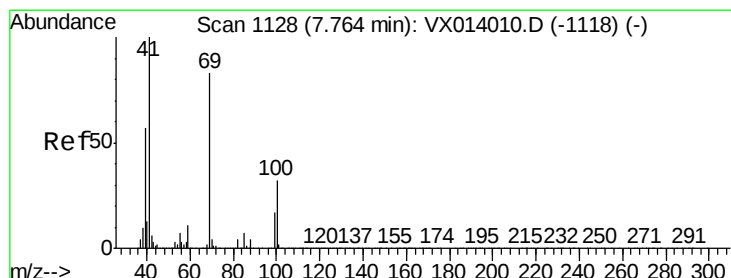
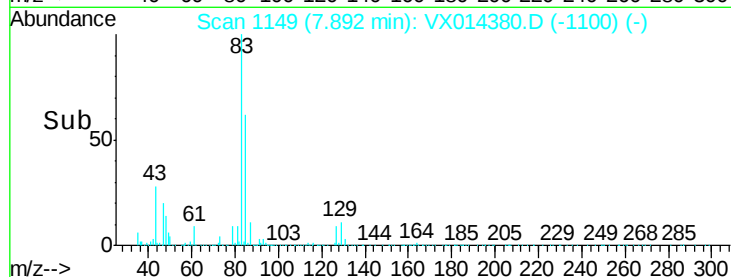
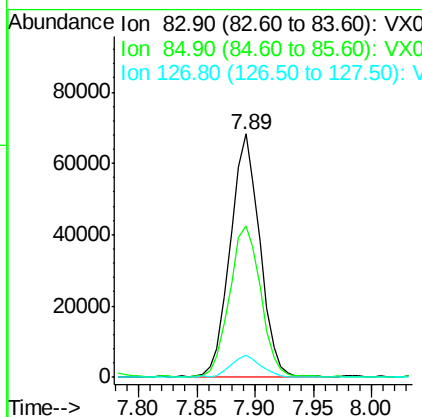
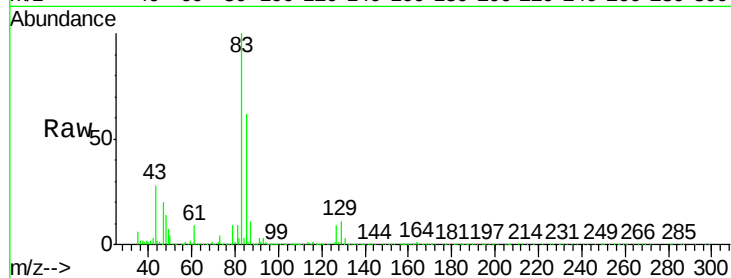
ClientSampleId :

VX1231MBSD01

Tot Ion:	83	Resp:	120219
Ion Ratio	Lower	Upper	
83	100		
85	62.0	51.8	77.8
127	8.8	7.0	10.4

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#48

Methyl methacrylate

Concen: 19.591 ug/l

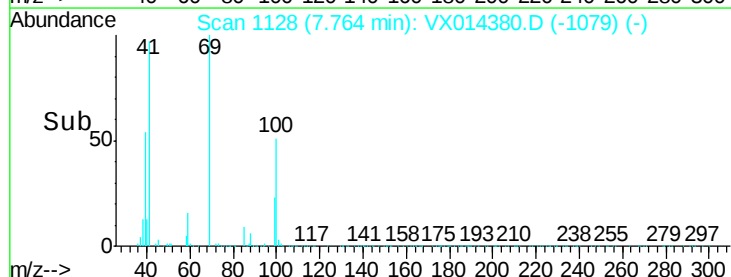
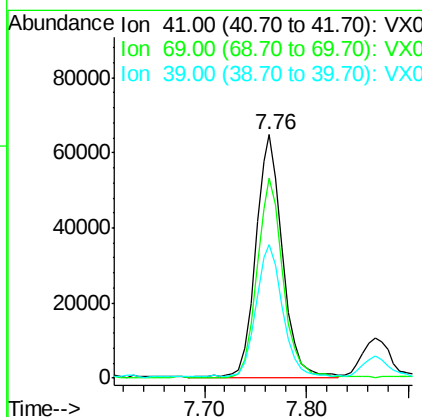
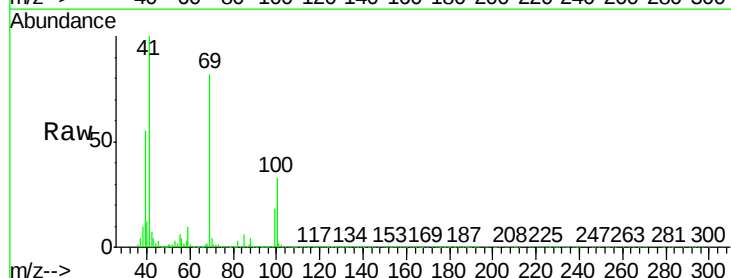
RT: 7.76 min Scan# 1128

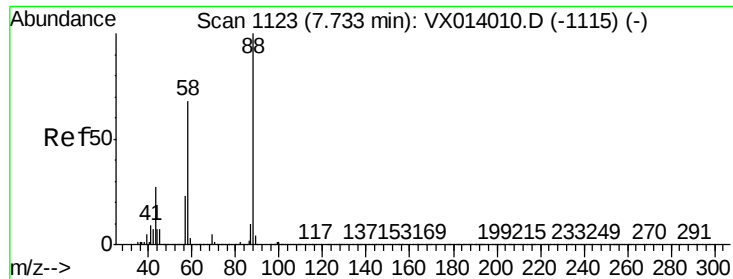
Delta R.T. 0.00 min

Lab File: VX014380.D

Acq: 31 Dec 2019 15:17

Tgt Ion:	41	Resp:	117134
Ion Ratio	Lower	Upper	
41	100		
69	80.1	65.8	98.6
39	54.2	44.6	67.0





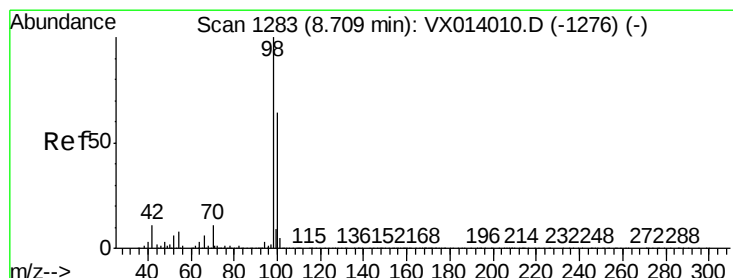
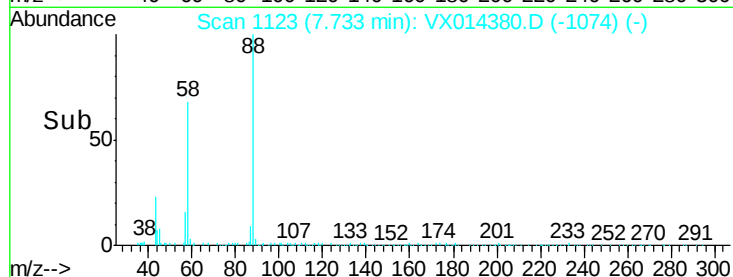
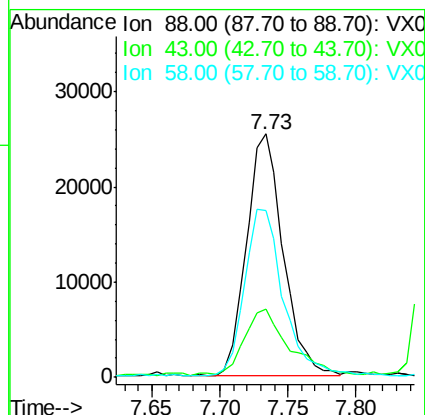
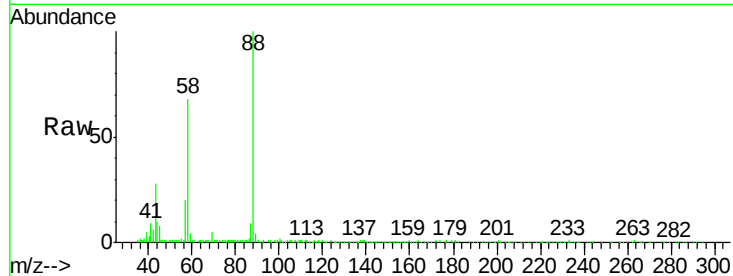
#49
1,4-Dioxane
Concen: 394.397 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX014380.D
Acq: 31 Dec 2019 15:17

Instrument :
MSVOA_X
ClientSampleId :
VX1231MBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.8	26.5	39.7
58	73.3	56.8	85.2

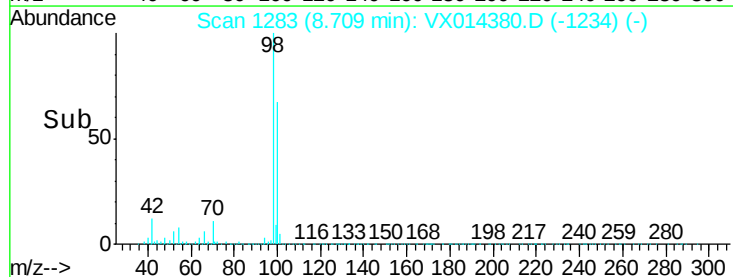
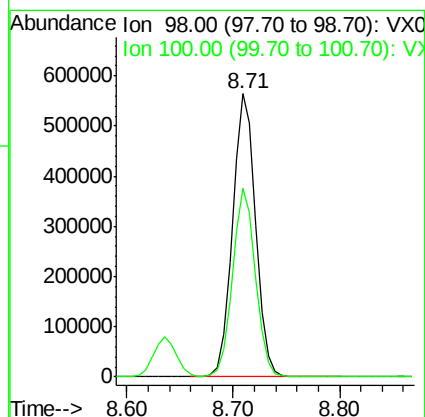
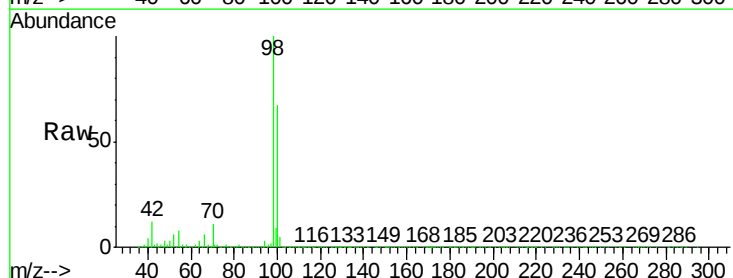
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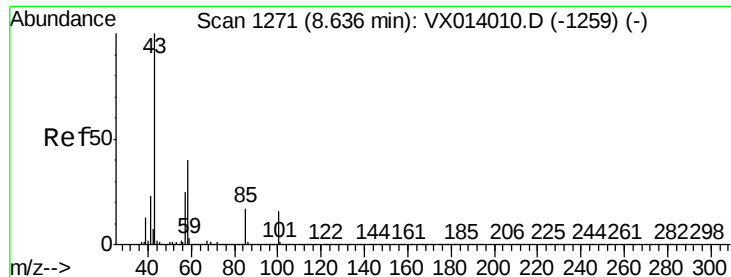
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#50
Toluene-d8
Concen: 49.614 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014380.D
Acq: 31 Dec 2019 15:17

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.9	52.9	79.3





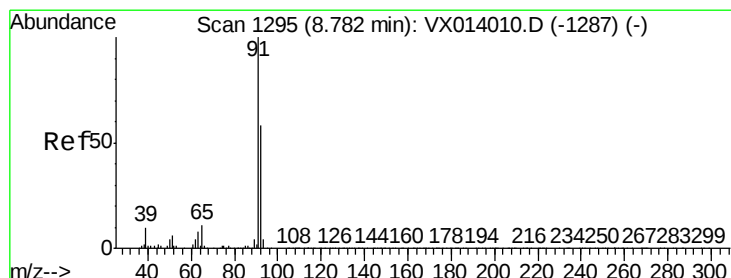
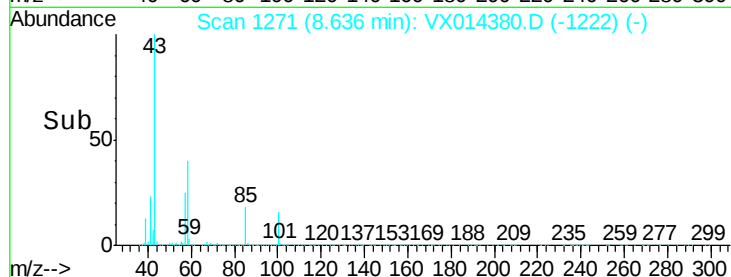
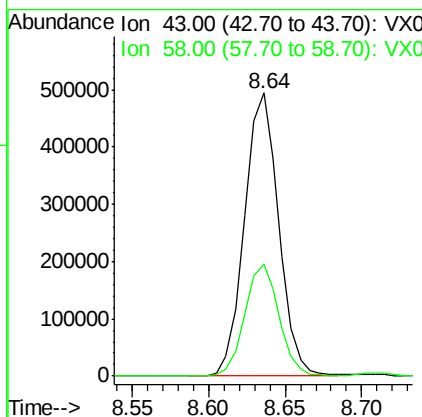
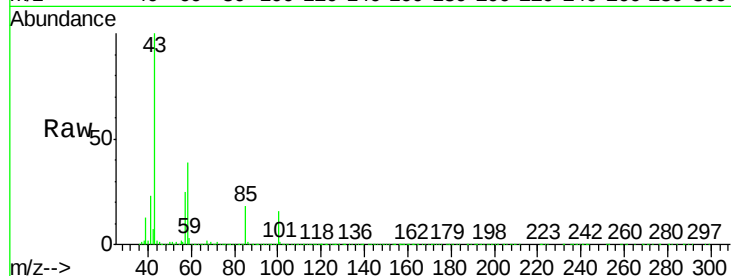
#51
4-Methyl-2-Pentanone
Concen: 100.090 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX014380.D
Acq: 31 Dec 2019 15:17

Instrument :
MSVOA_X
ClientSampleId :
VX1231MBSD01

Tot Ion	43	Resp	767500
Ion Ratio	Lower	Upper	
43	100		
58	39.4	32.2	48.2

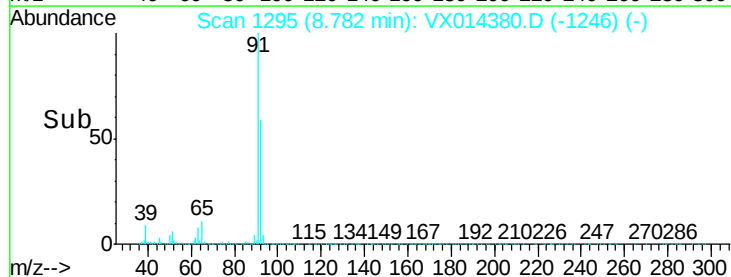
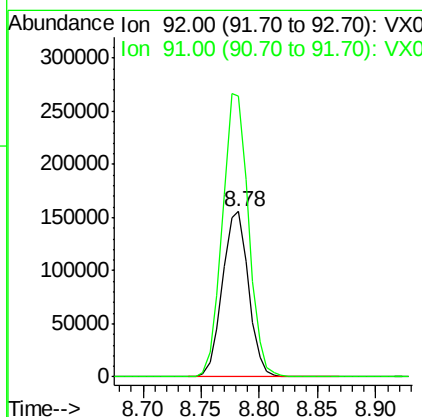
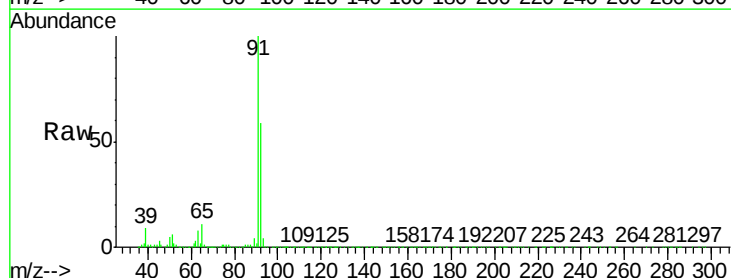
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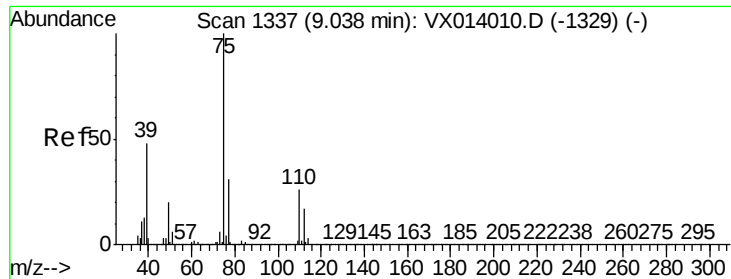
apatel
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#52
Toluene
Concen: 18.571 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VX014380.D
Acq: 31 Dec 2019 15:17

Tgt Ion	92	Resp	241296
Ion Ratio	Lower	Upper	
92	100		
91	171.6	136.2	204.4





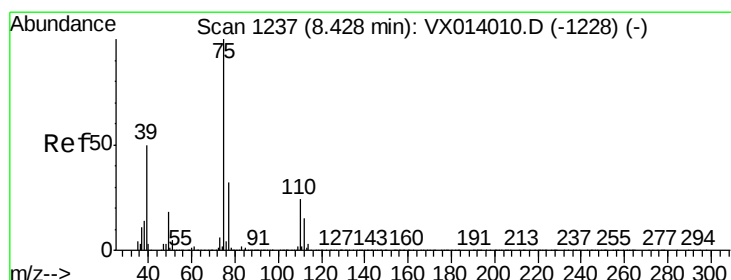
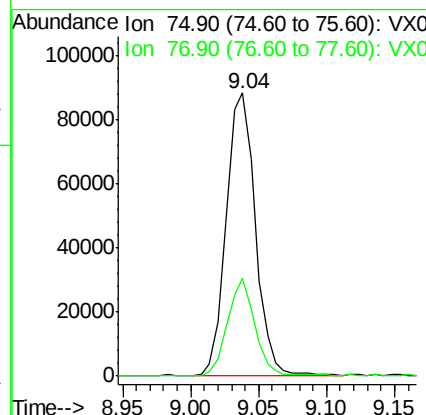
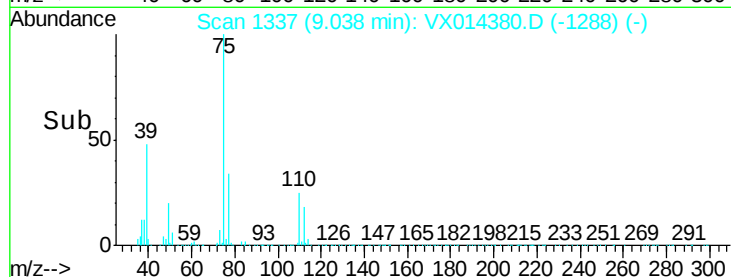
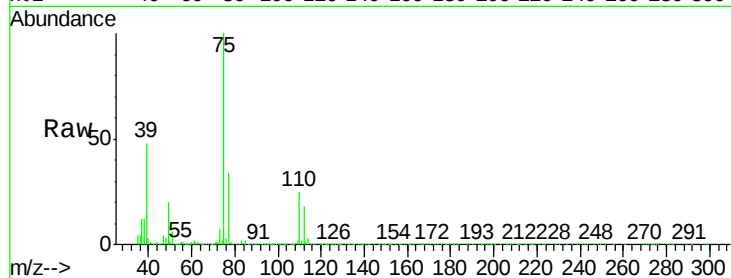
#53
t-1,3-Dichloropropene
Concen: 18.223 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX014380.D
Acq: 31 Dec 2019 15:17

Instrument :
MSVOA_X
ClientSampleId :
VX1231MBSD01

Tot Ion: 75 Resp: 131097
Ion Ratio Lower Upper
75 100
77 34.2 25.1 37.7

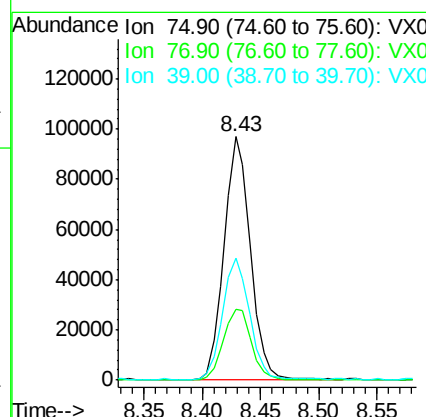
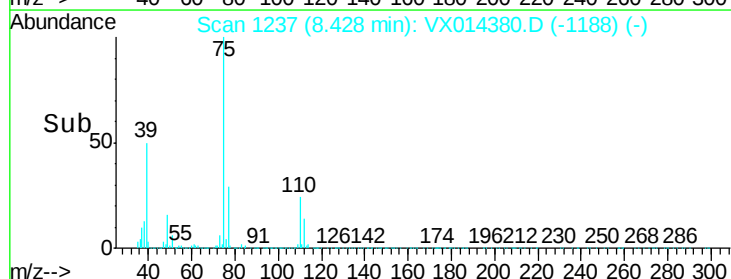
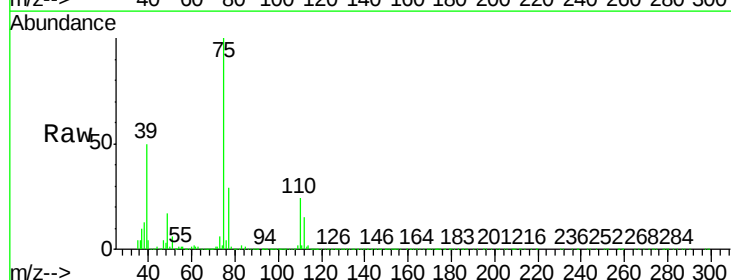
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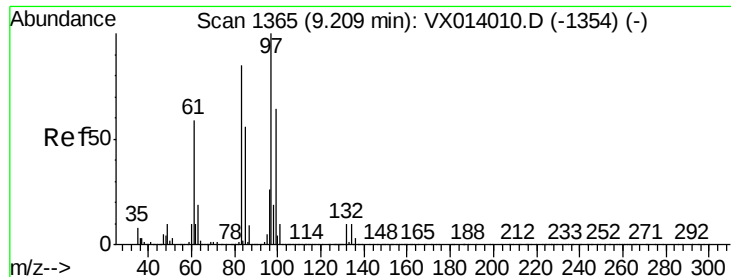
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#54
cis-1,3-Dichloropropene
Concen: 18.751 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014380.D
Acq: 31 Dec 2019 15:17

Tgt Ion: 75 Resp: 150283
Ion Ratio Lower Upper
75 100
77 28.8 25.3 37.9
39 49.8 39.9 59.9





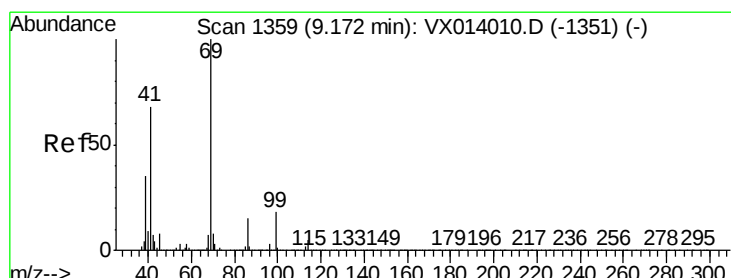
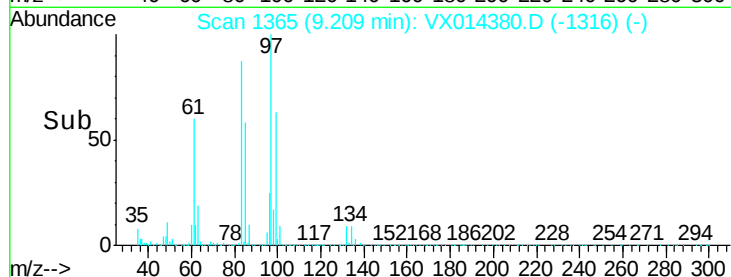
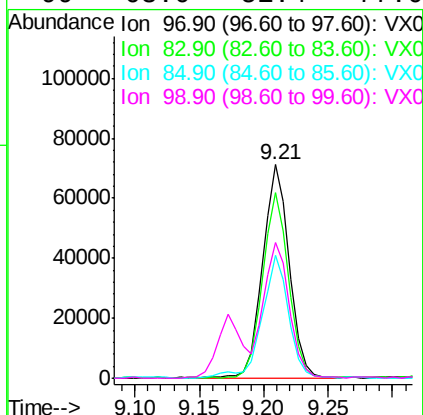
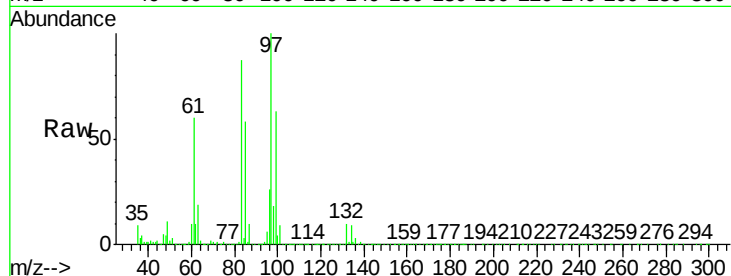
#55
1,1,2-Trichloroethane
Concen: 19.407 ug/l
RT: 9.21 min Scan# 1365
Delta R.T. 0.00 min
Lab File: VX014380.D
Acq: 31 Dec 2019 15:17

Instrument :
MSVOA_X
ClientSampleId :
VX1231MBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		101066		
83	86.6	68.2	102.4		
85	57.5	44.6	66.8		
99	63.0	51.4	77.0		

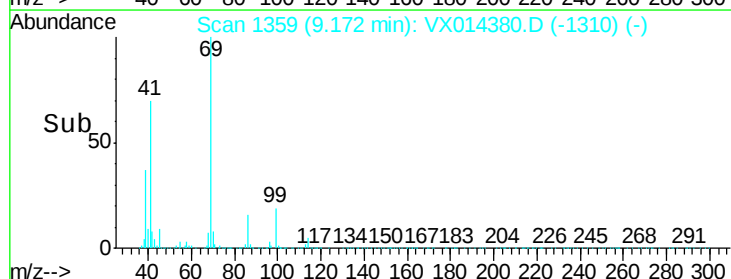
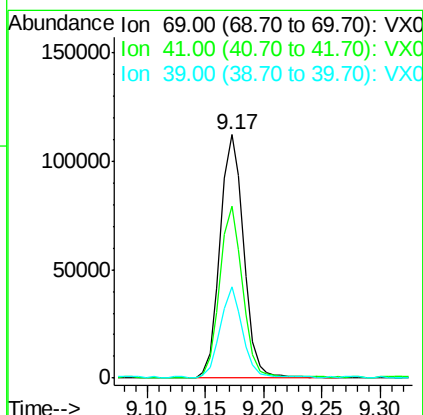
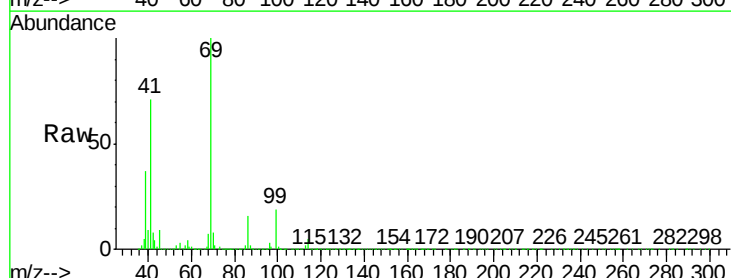
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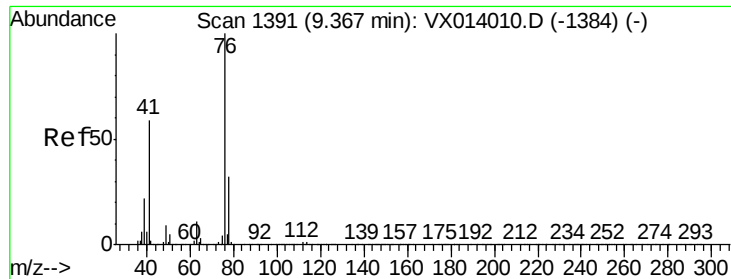
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#56
Ethyl methacrylate
Concen: 19.191 ug/l
RT: 9.17 min Scan# 1359
Delta R.T. 0.00 min
Lab File: VX014380.D
Acq: 31 Dec 2019 15:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		156991		
41	68.3	54.8	82.2		
39	35.7	28.3	42.5		





#57

1,3-Dichloropropane

Concen: 19.543 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX014380.D

Acq: 31 Dec 2019 15:17

Instrument :

MSVOA_X

ClientSampleId :

VX1231MBSD01

Tot Ion: 76 Resp: 171233

Ion Ratio Lower Upper

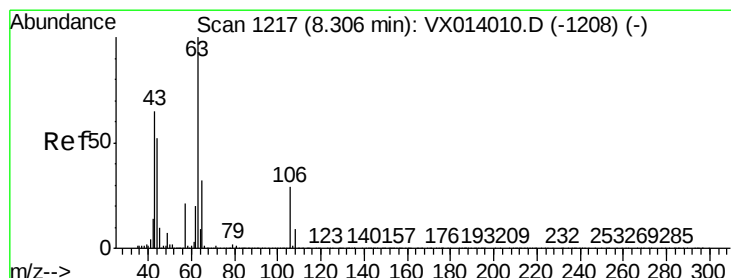
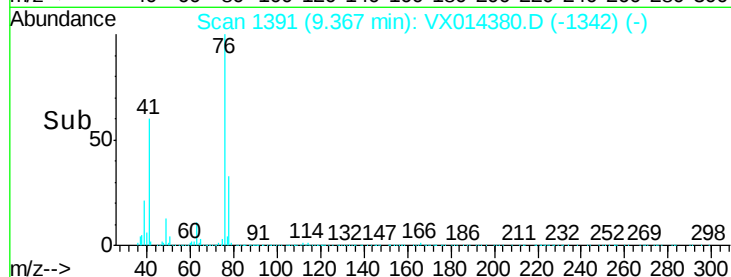
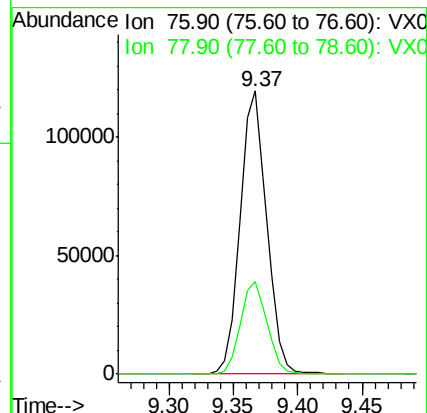
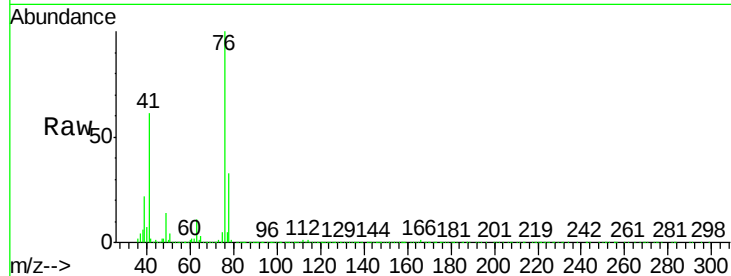
76 100

78 33.2 25.8 38.6

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#58

2-Chloroethyl Vinyl ether

Concen: 101.605 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX014380.D

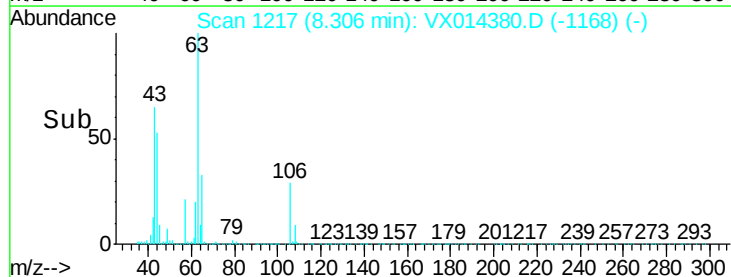
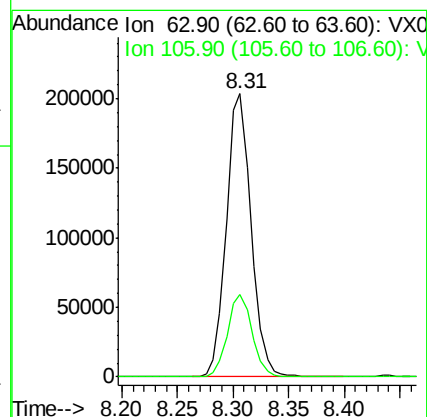
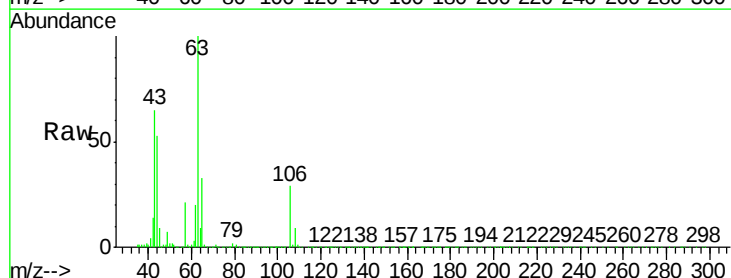
Acq: 31 Dec 2019 15:17

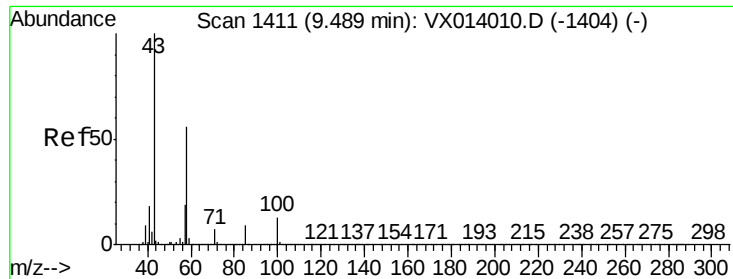
Tgt Ion: 63 Resp: 314542

Ion Ratio Lower Upper

63 100

106 28.8 23.0 34.6





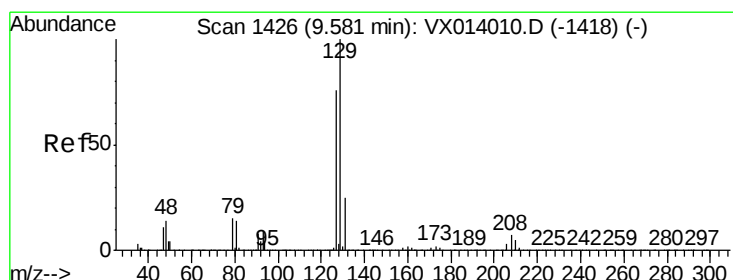
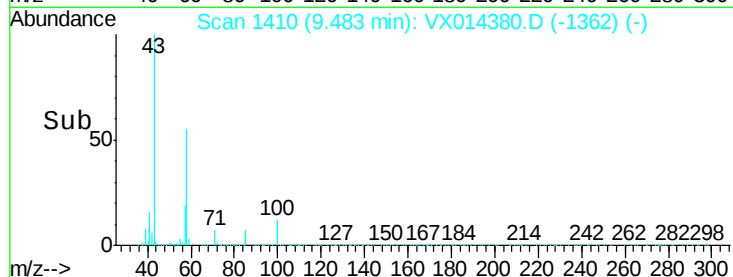
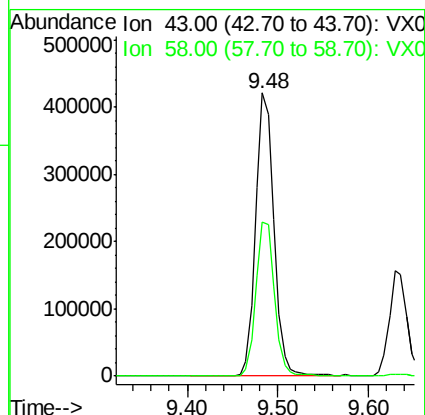
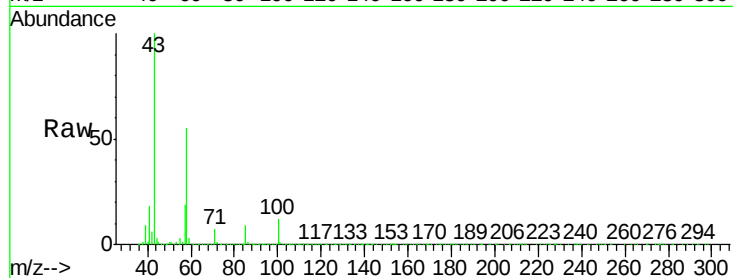
#59
2-Hexanone
Concen: 95.203 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014380.D
Acq: 31 Dec 2019 15:17

Instrument :
MSVOA_X
ClientSampleId :
VX1231MBSD01

Tot Ion: 43 Resp: 587672
Ion Ratio Lower Upper
43 100
58 55.6 28.0 84.0

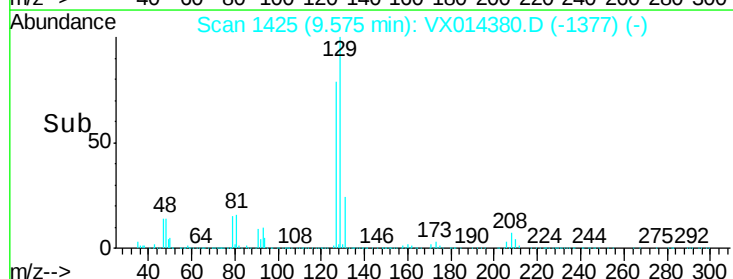
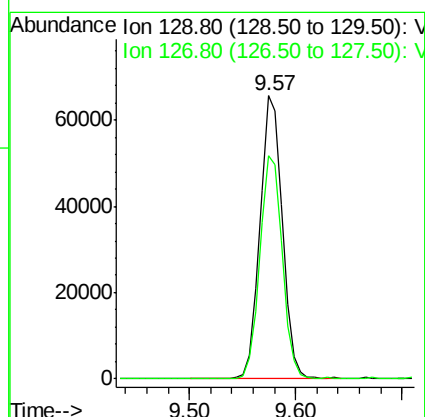
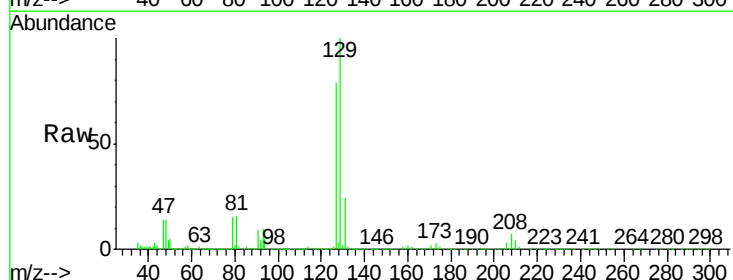
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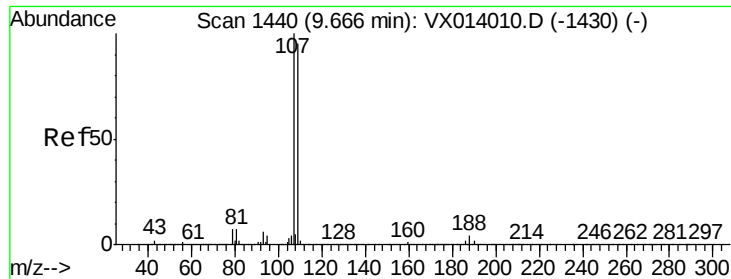
apatel
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#60
Dibromochloromethane
Concen: 18.784 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014380.D
Acq: 31 Dec 2019 15:17

Tgt Ion: 129 Resp: 97236
Ion Ratio Lower Upper
129 100
127 79.0 38.4 115.2





#61

1,2-Dibromoethane

Concen: 19.397 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014380.D

Acq: 31 Dec 2019 15:17

Instrument :

MSVOA_X

ClientSampleId :

VX1231MBSD01

Tot Ion: 107 Resp: 103350

Ion Ratio Lower Upper

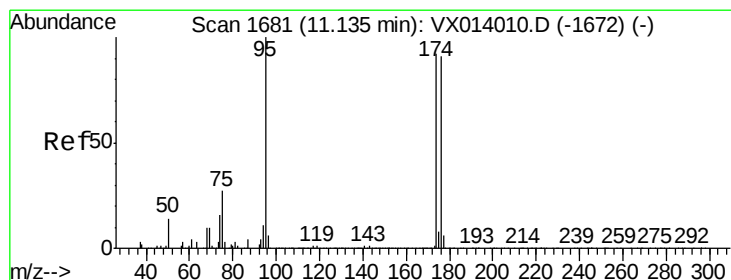
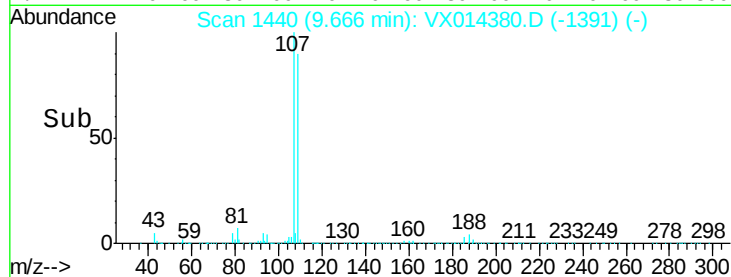
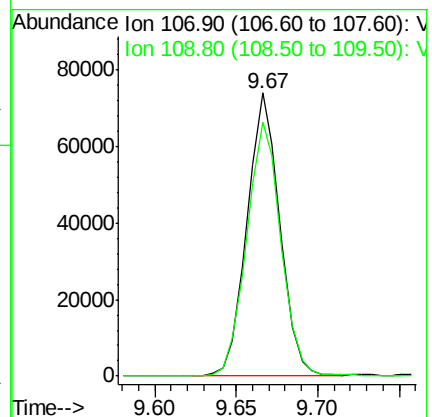
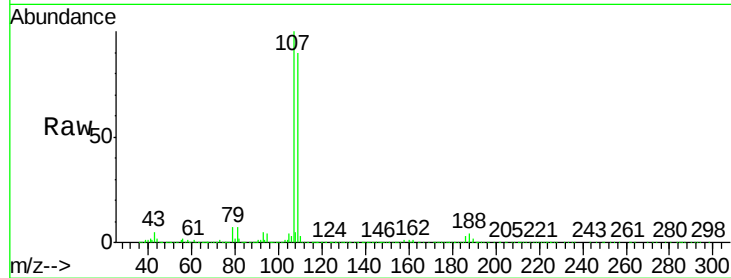
107 100

109 93.9 75.7 113.5

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#62

4-Bromofluorobenzene

Concen: 48.351 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014380.D

Acq: 31 Dec 2019 15:17

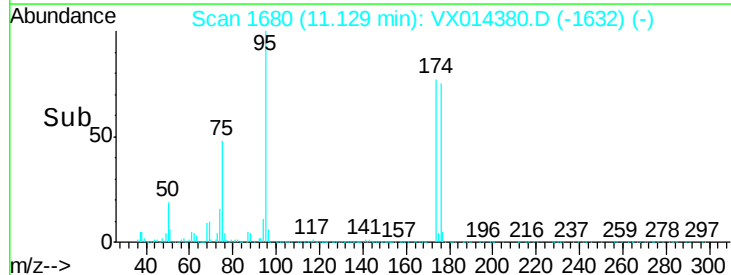
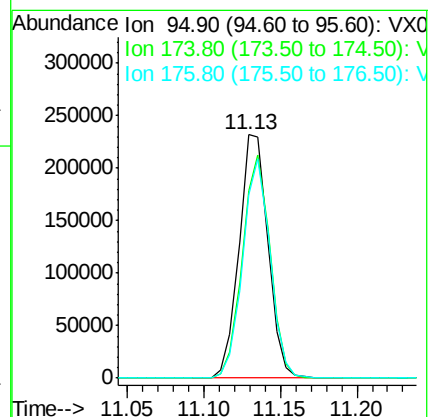
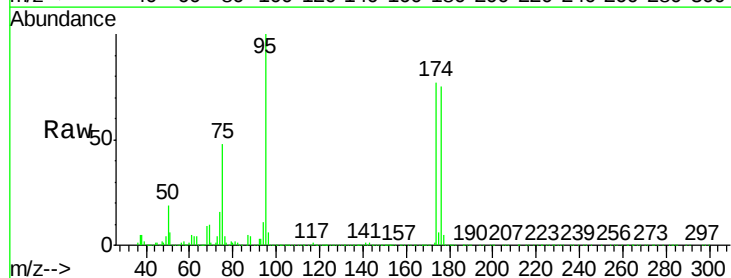
Tgt Ion: 95 Resp: 304579

Ion Ratio Lower Upper

95 100

174 87.8 0.0 175.8

176 85.3 0.0 173.0





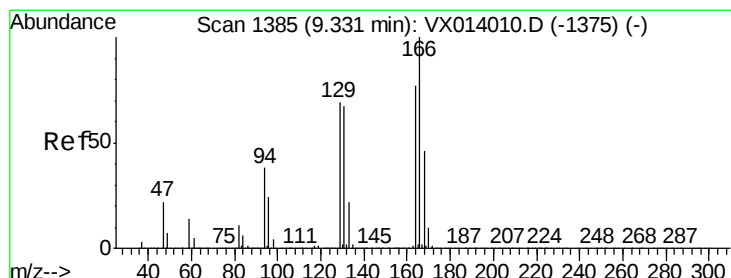
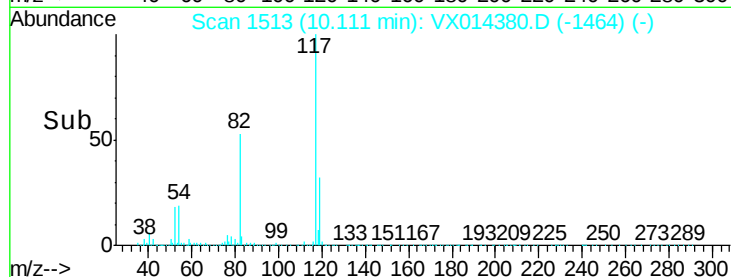
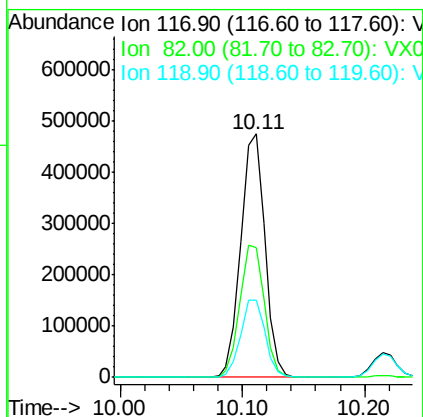
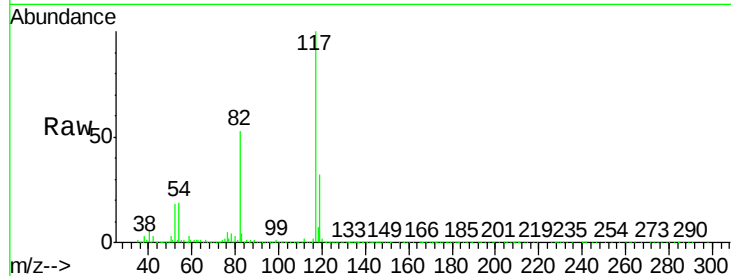
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014380.D
Acq: 31 Dec 2019 15:17

Instrument :
MSVOA_X
ClientSampleId :
VX1231MBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.3	42.2	63.4
119	31.9	25.1	37.7

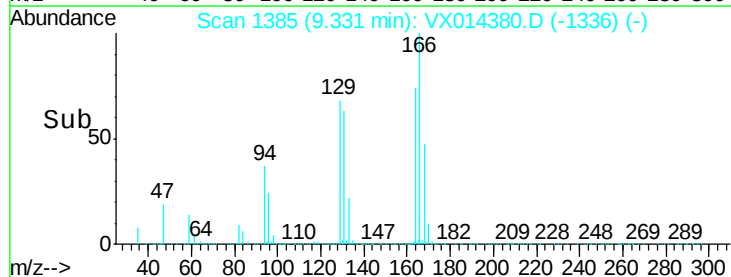
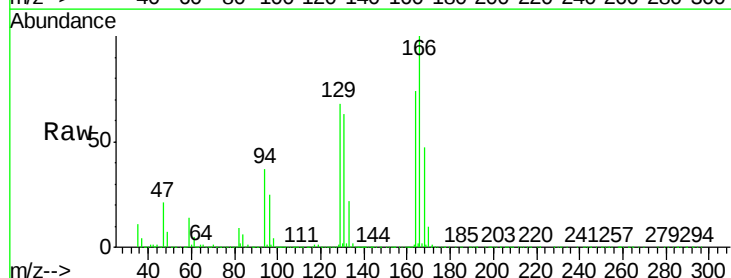
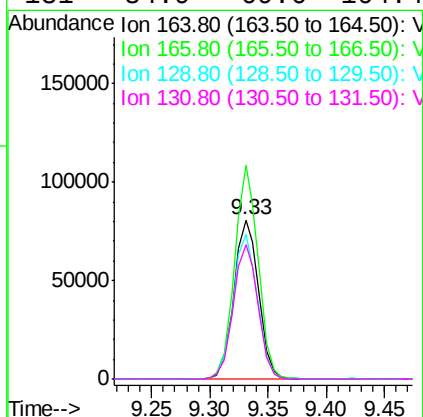
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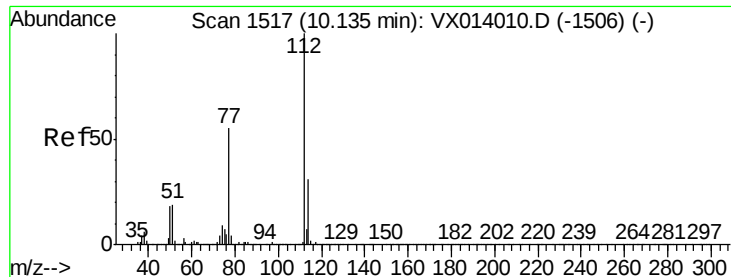
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#64
Tetrachloroethene
Concen: 20.674 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014380.D
Acq: 31 Dec 2019 15:17

Tgt Ion	Ratio	Lower	Upper
164	100		
166	134.2	104.0	156.0
129	91.3	72.2	108.4
131	84.9	69.6	104.4





#65

Chlorobenzene

Concen: 18.895 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX014380.D

Acq: 31 Dec 2019 15:17

Instrument :

MSVOA_X

ClientSampleId :

VX1231MBS01

Tot Ion:112 Resp: 260886

Ion Ratio Lower Upper

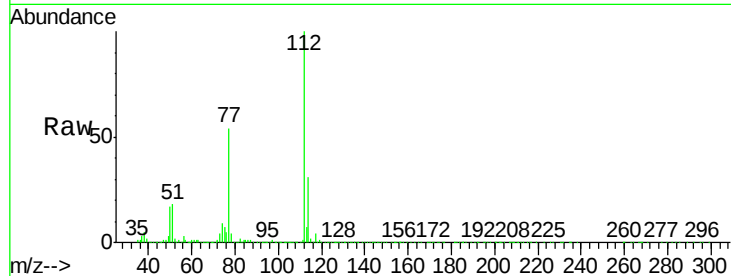
112 100

114 31.1 24.9 37.3

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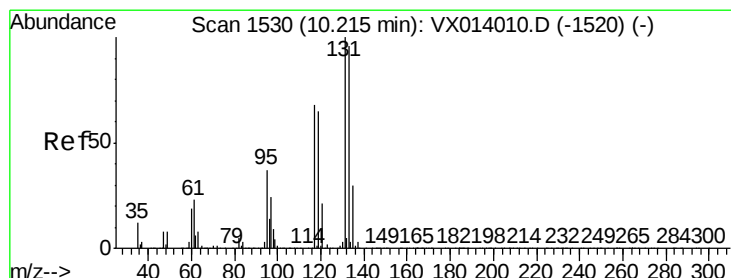
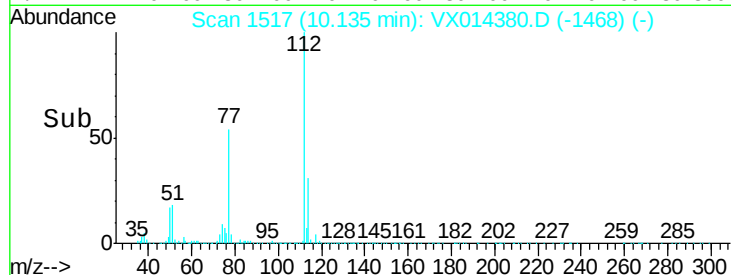
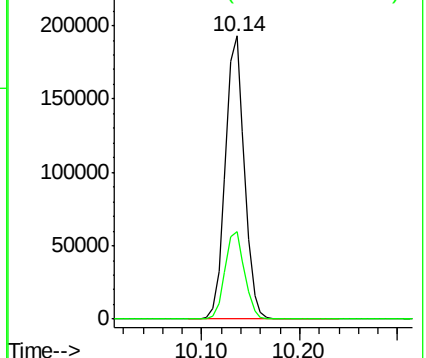
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.137 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014380.D

Acq: 31 Dec 2019 15:17

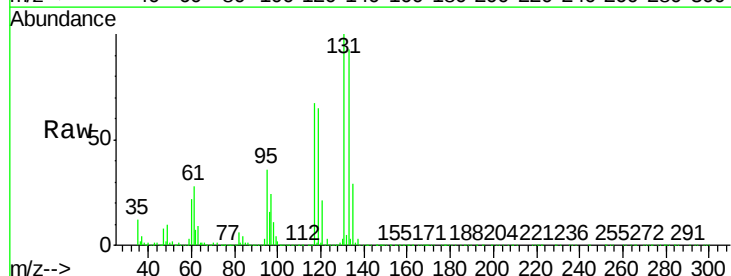
Tgt Ion:131 Resp: 94346

Ion Ratio Lower Upper

131 100

133 96.4 48.0 144.0

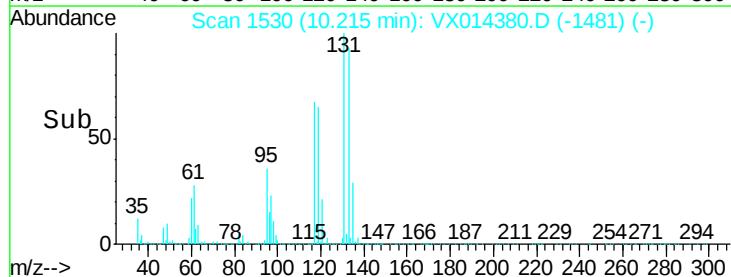
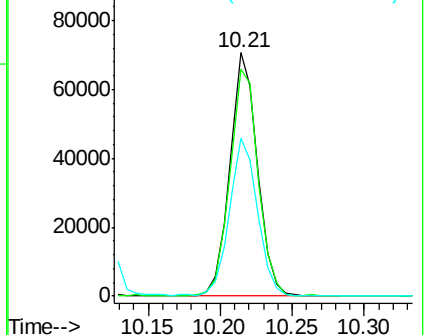
119 66.2 33.4 100.2

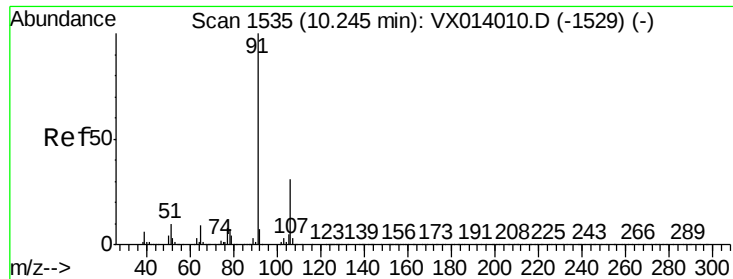


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





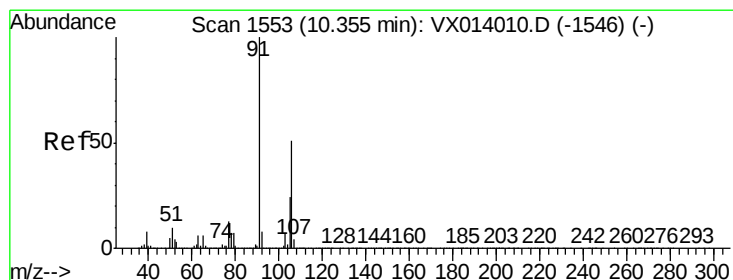
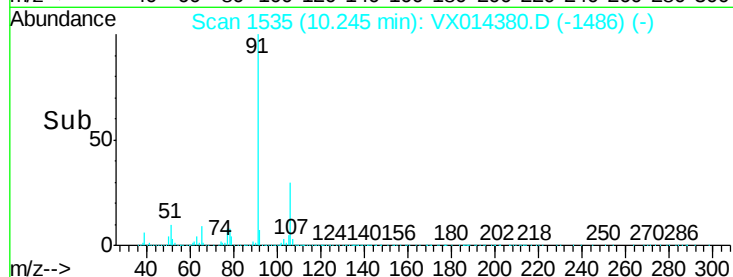
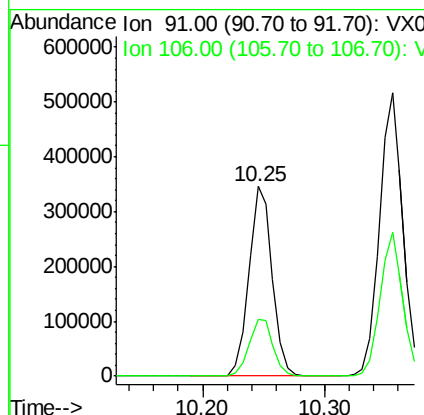
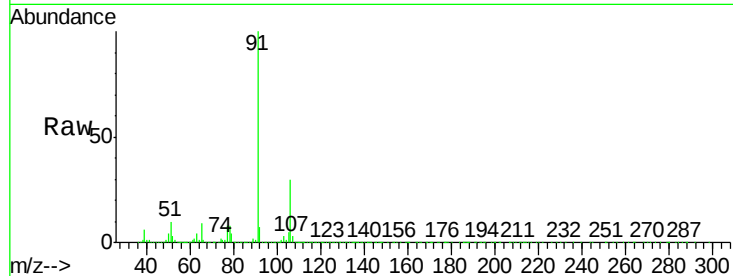
#67
Ethyl Benzene
Concen: 19.128 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014380.D
Acq: 31 Dec 2019 15:17

Instrument :
MSVOA_X
ClientSampleId :
VX1231MBS01

Tot Ion: 91 Resp: 454070
Ion Ratio Lower Upper
91 100
106 30.2 25.0 37.6

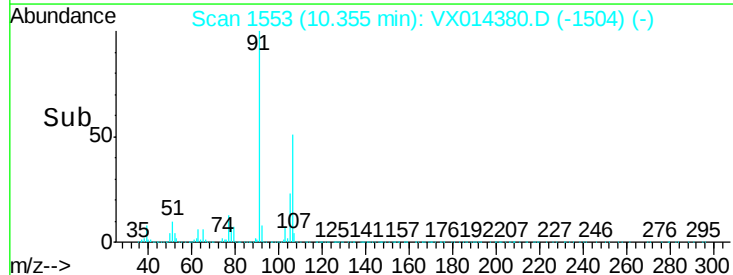
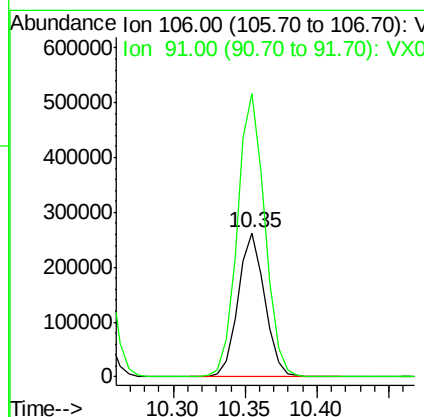
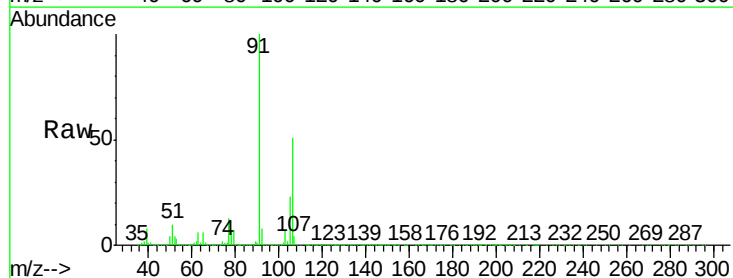
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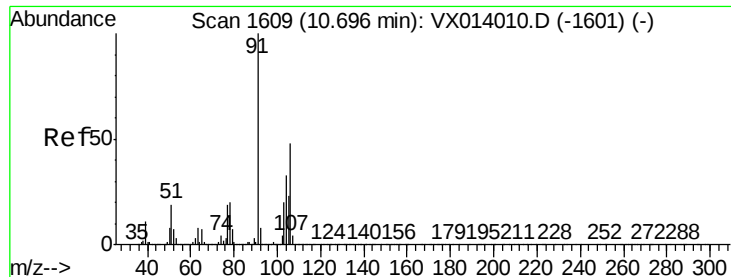
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#68
m/p-Xylenes
Concen: 37.152 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014380.D
Acq: 31 Dec 2019 15:17

Tgt Ion: 106 Resp: 339193
Ion Ratio Lower Upper
106 100
91 201.9 158.6 238.0





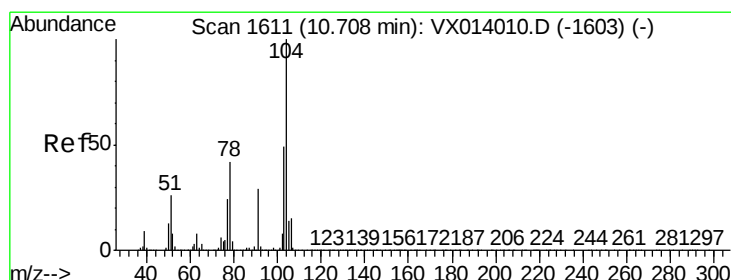
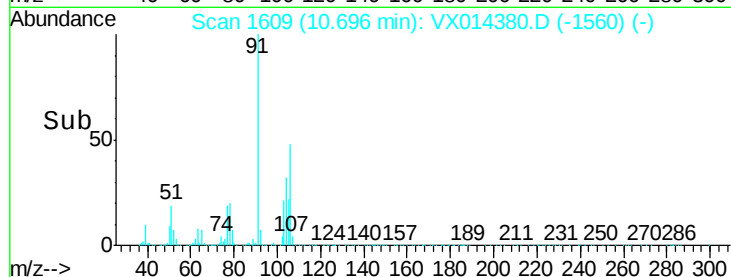
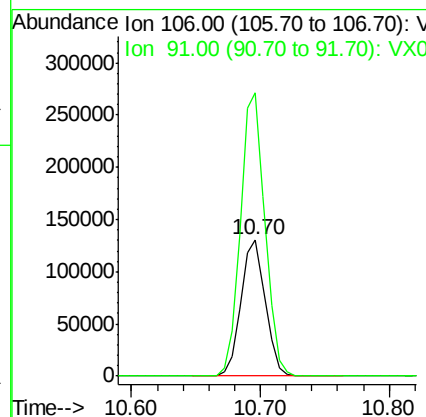
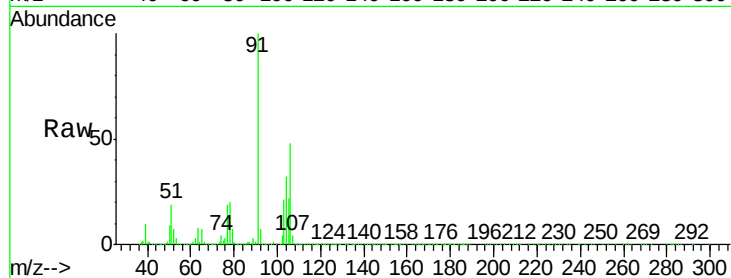
#69
o-Xylene
Concen: 18.978 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014380.D
Acq: 31 Dec 2019 15:17

Instrument :
MSVOA_X
ClientSampleId :
VX1231MBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	210.0	104.2	312.6

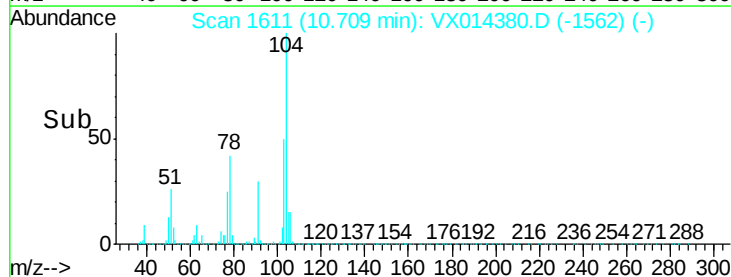
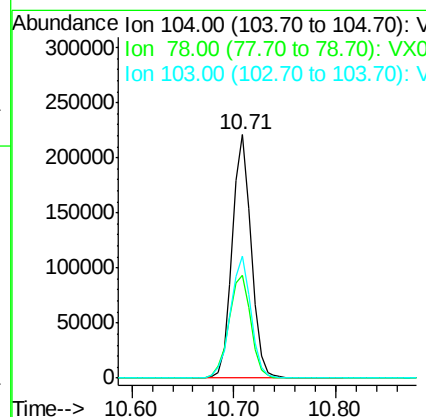
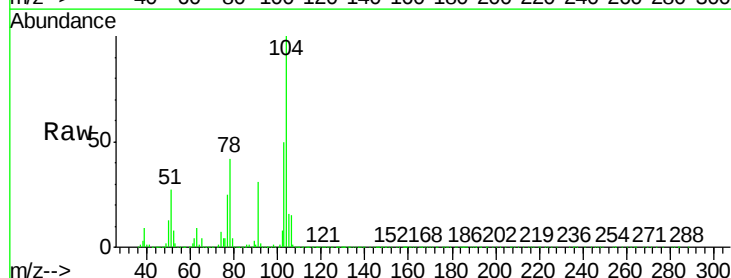
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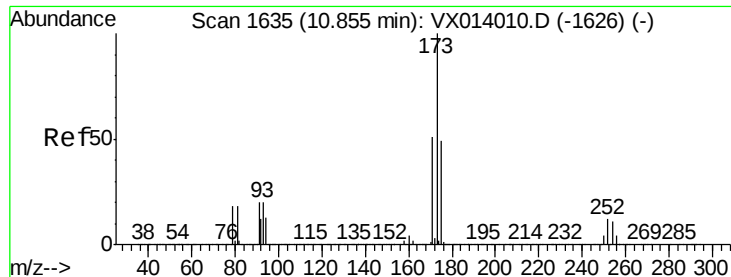
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#70
Styrene
Concen: 18.627 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014380.D
Acq: 31 Dec 2019 15:17

Tgt Ion	Ratio	Lower	Upper
104	100		
78	49.6	38.5	57.7
103	54.5	42.9	64.3





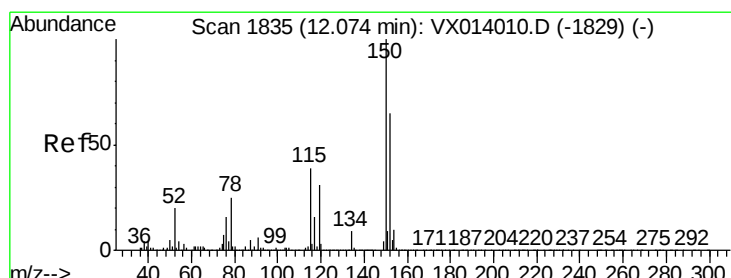
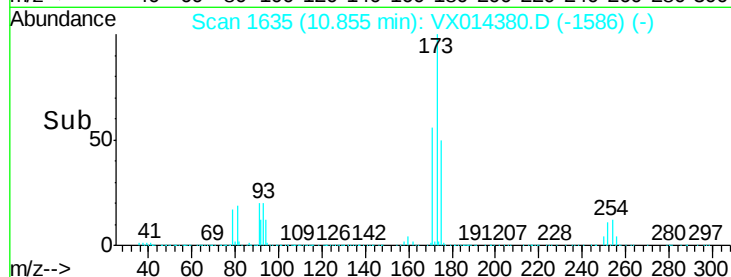
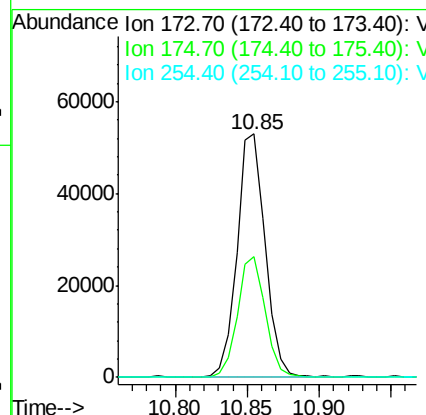
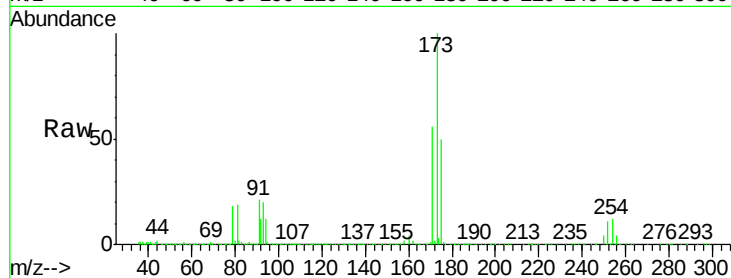
#71
Bromoform
Concen: 18.205 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX014380.D
Acq: 31 Dec 2019 15:17

Instrument :
MSVOA_X
ClientSampled :
VX1231MBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.3	24.4	73.4
254	0.4	0.2	0.2

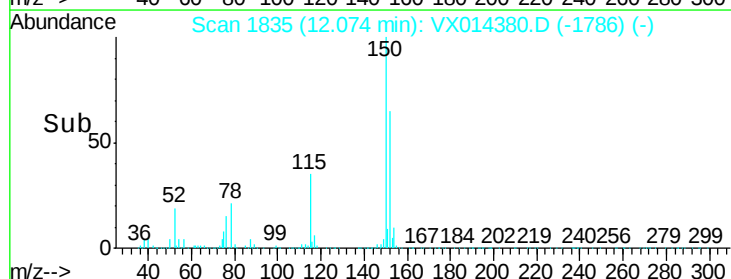
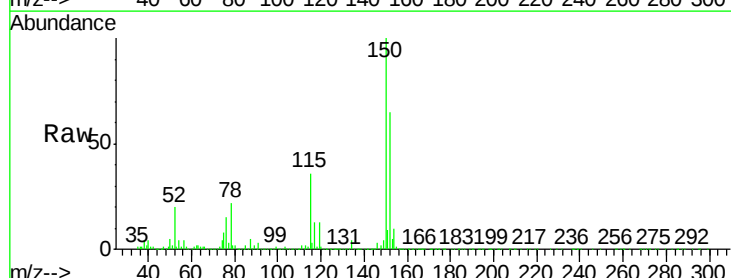
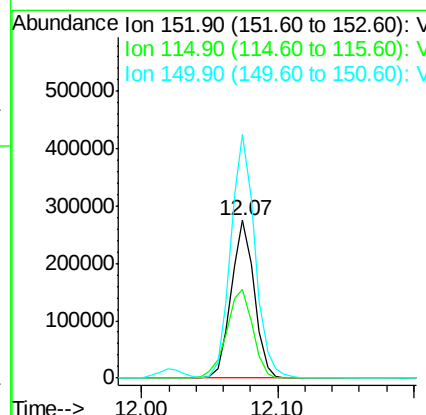
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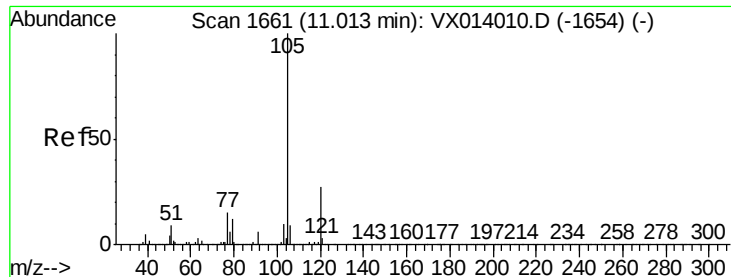
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014380.D
Acq: 31 Dec 2019 15:17

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.4	38.3	114.9
150	162.6	0.0	345.4





#73

Isopropylbenzene

Concen: 19.712 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014380.D

Acq: 31 Dec 2019 15:17

Instrument :

MSVOA_X

ClientSampleId :

VX1231MBSD01

Tot Ion: 105 Resp: 445743

Ion Ratio Lower Upper

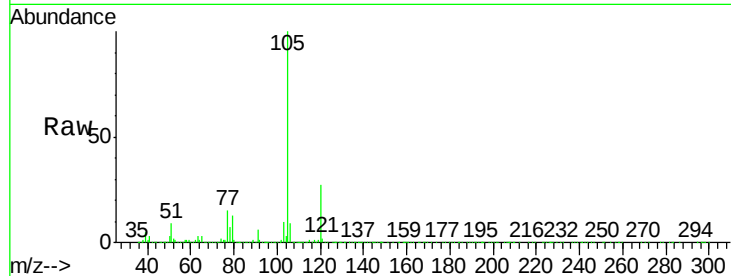
105 100

120 27.1 13.5 40.4

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

400000

300000

200000

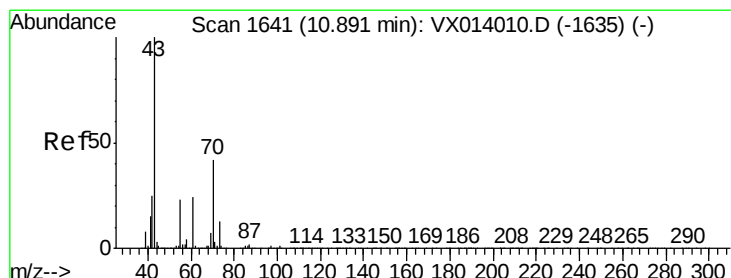
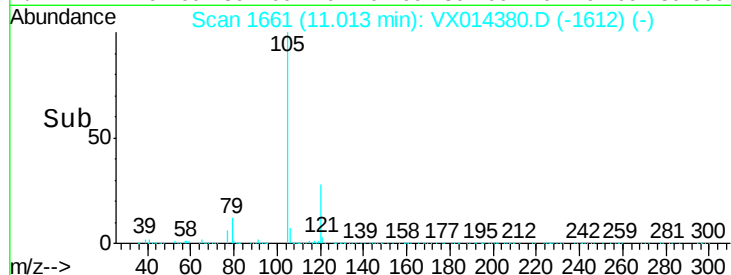
100000

0

11.01

11.10

Time-->



#74

N-ethyl acetate

Concen: 18.894 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014380.D

Acq: 31 Dec 2019 15:17

Tgt Ion: 43 Resp: 200269

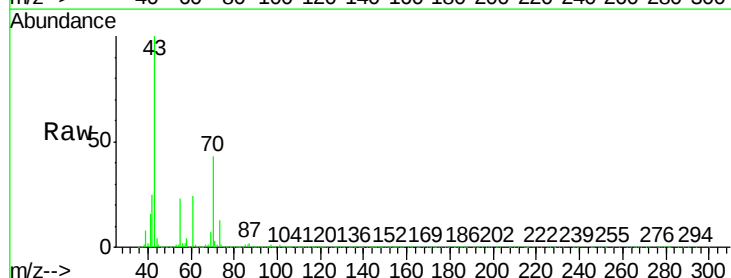
Ion Ratio Lower Upper

43 100

70 43.1 34.4 51.6

55 24.6 19.1 28.7

61 25.2 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

250000

200000

150000

100000

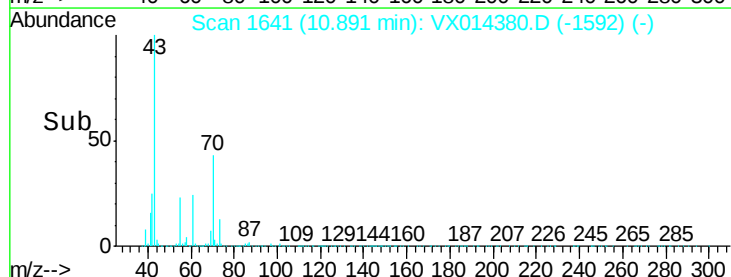
50000

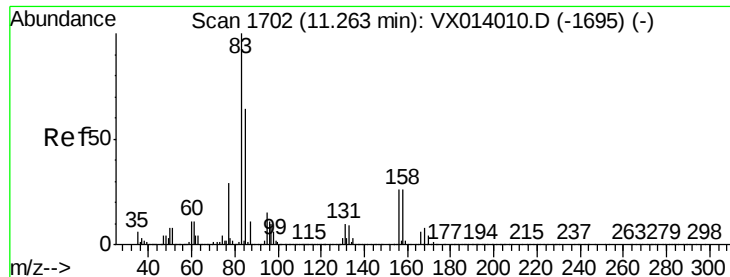
0

10.89

11.00

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.418 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014380.D

Acq: 31 Dec 2019 15:17

Instrument :

MSVOA_X

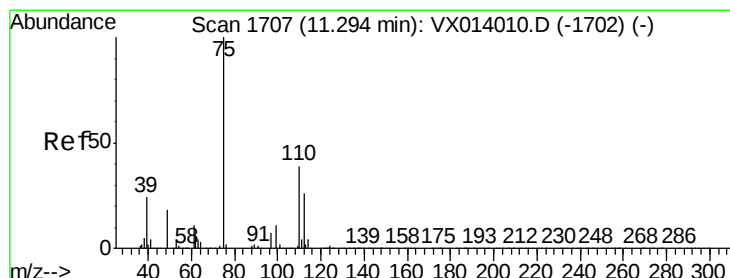
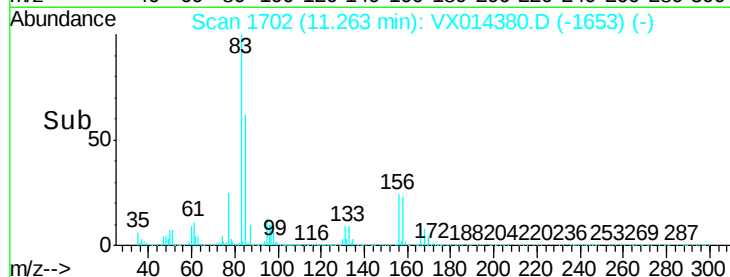
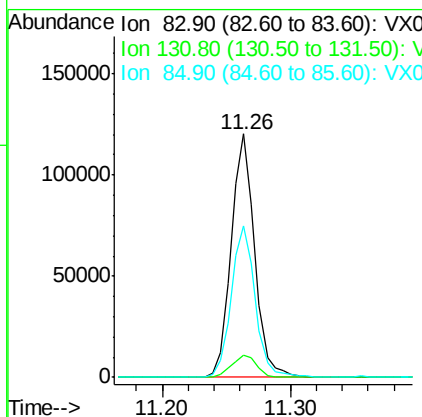
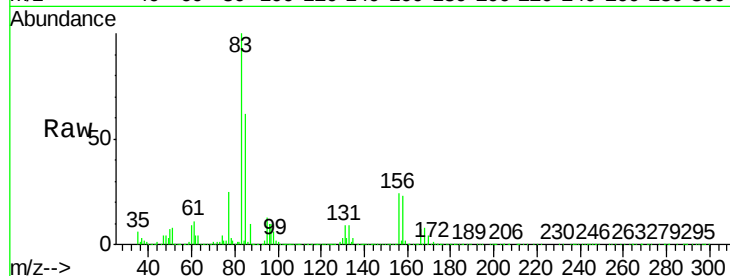
ClientSampleId :

VX1231MBSD01

Tot Ion:	83	Resp:	152231
Ion Ratio	Lower	Upper	
83	100		
131	9.6	5.1	15.2
85	64.2	31.9	95.7

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#76

1,2,3-Trichloropropane

Concen: 17.969 ug/l m

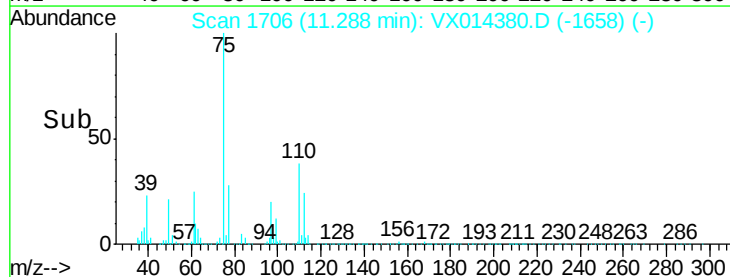
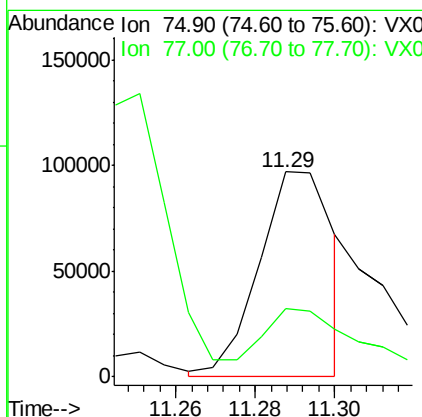
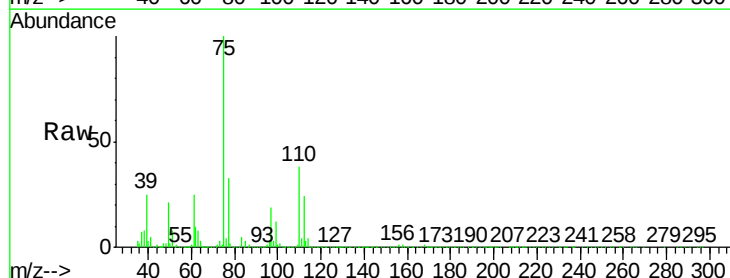
RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014380.D

Acq: 31 Dec 2019 15:17

Tgt Ion:	75	Resp:	125287
Ion Ratio	Lower	Upper	
75	100		
77	42.7	19.3	57.8





#77

Bromobenzene

Concen: 18.207 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014380.D

Acq: 31 Dec 2019 15:17

Instrument :

MSVOA_X

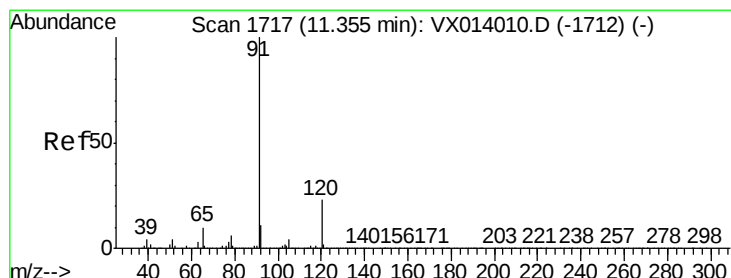
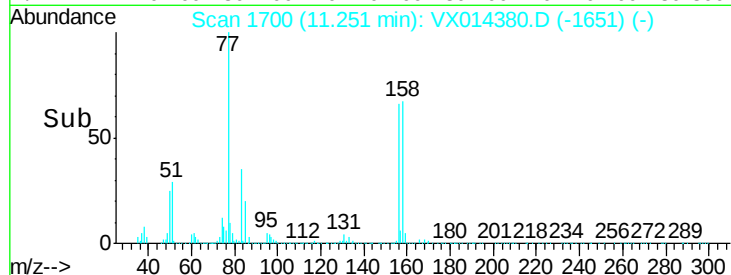
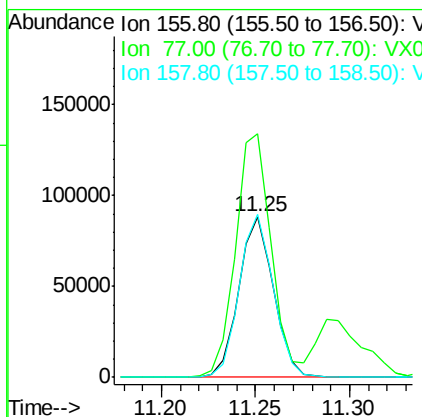
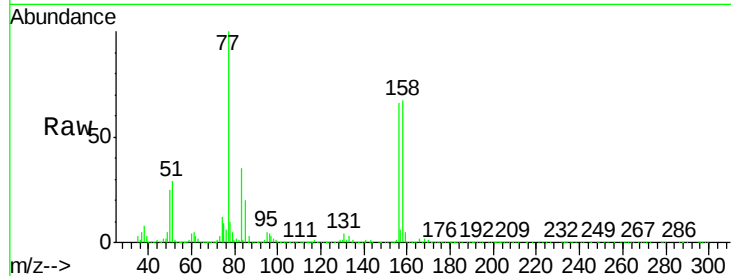
ClientSampled :

VX1231MBSD01

Tot Ion:	156	Resp:	113275
Ion Ratio	Lower	Upper	
156	100		
77	155.9	76.5	229.5
158	99.3	49.3	147.9

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#78

n-propylbenzene

Concen: 19.444 ug/l

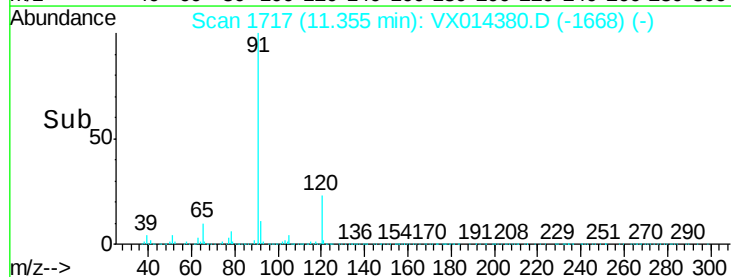
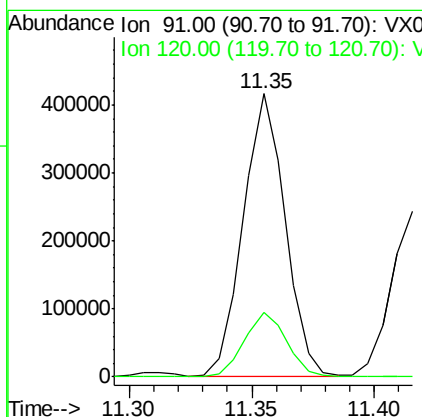
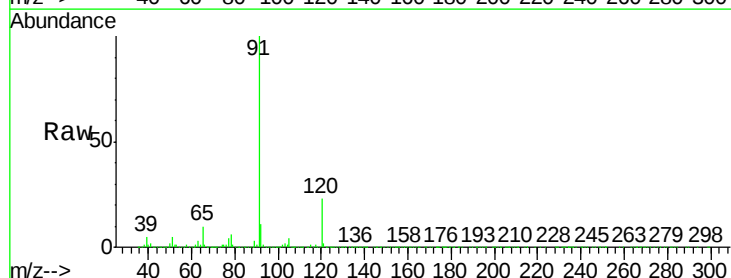
RT: 11.35 min Scan# 1717

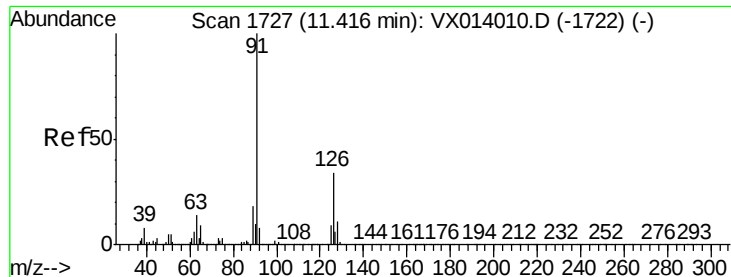
Delta R.T. 0.00 min

Lab File: VX014380.D

Acq: 31 Dec 2019 15:17

Tgt Ion:	91	Resp:	493172
Ion Ratio	Lower	Upper	
91	100		
120	23.3	11.7	35.0





#79

2-Chlorotoluene

Concen: 19.554 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014380.D

Acq: 31 Dec 2019 15:17

Instrument :

MSVOA_X

ClientSampleId :

VX1231MBS01

Tot Ion: 91 Resp: 301492

Ion Ratio Lower Upper

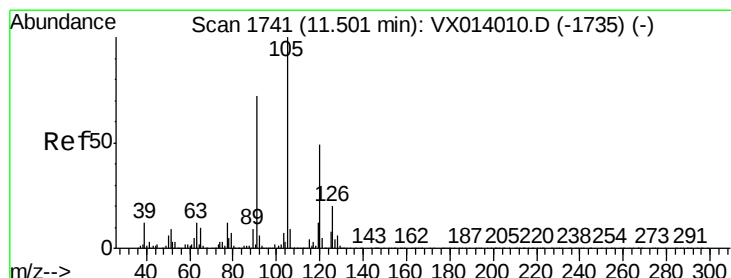
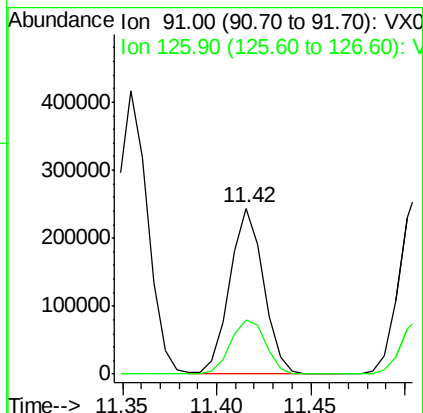
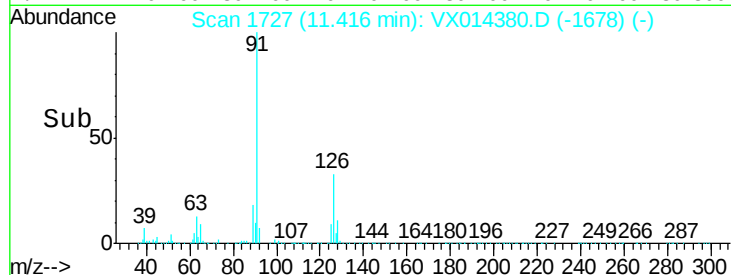
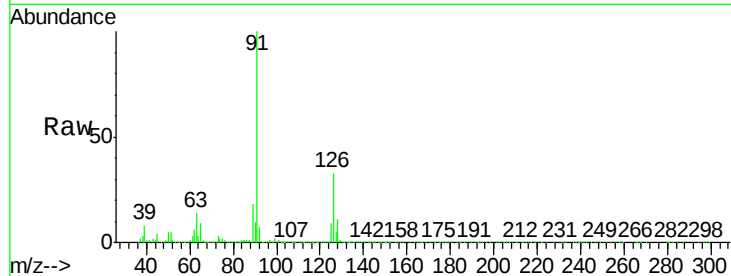
91 100

126 34.7 17.2 51.6

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#80

1,3,5-Trimethylbenzene

Concen: 19.081 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014380.D

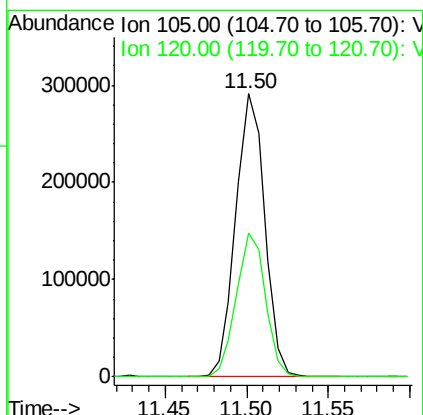
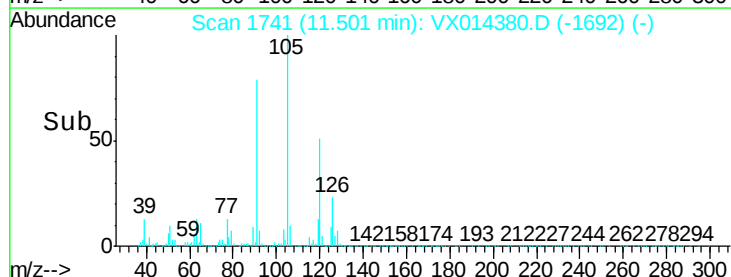
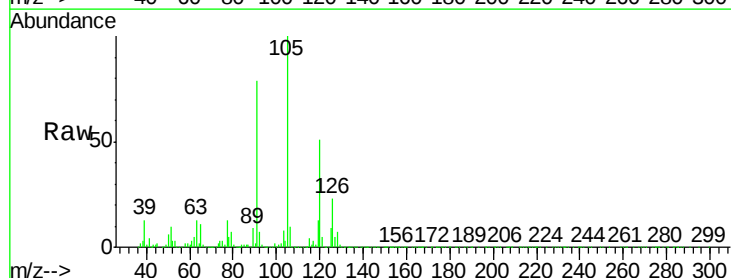
Acq: 31 Dec 2019 15:17

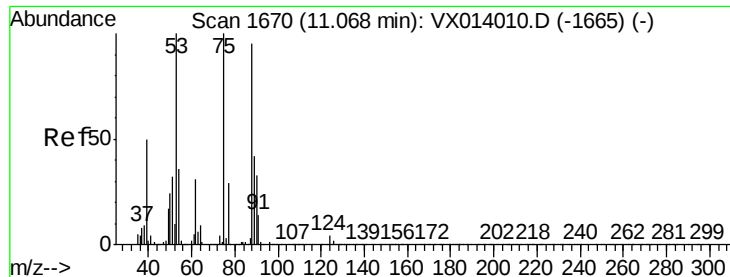
Tgt Ion: 105 Resp: 363131

Ion Ratio Lower Upper

105 100

120 50.8 25.3 75.8





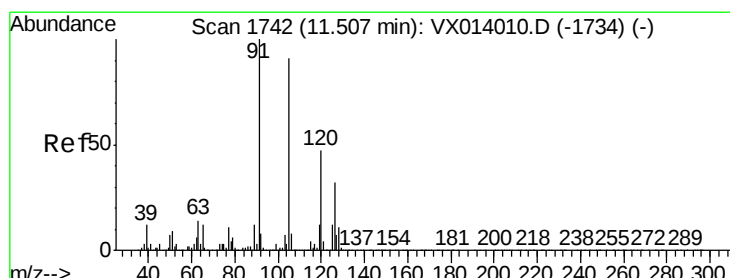
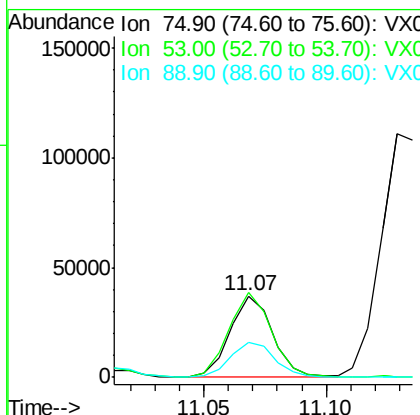
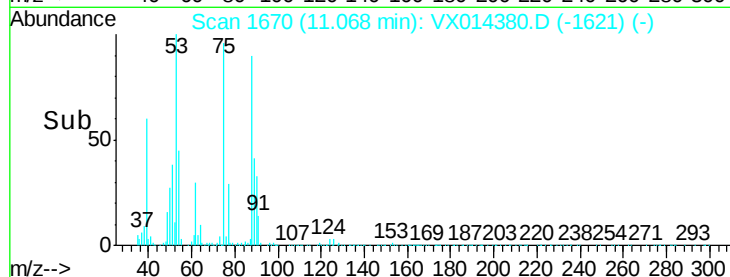
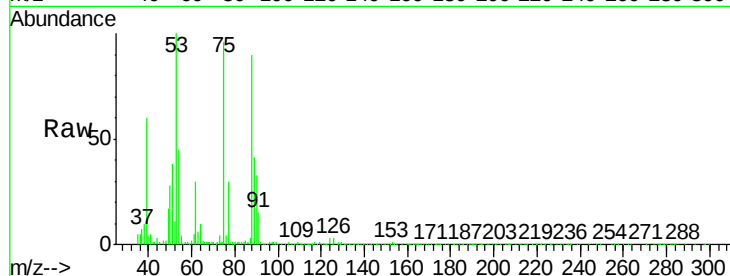
#81
trans-1,4-Dichloro-2-butene
Concen: 18.049 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX014380.D
Acq: 31 Dec 2019 15:17

Instrument :
MSVOA_X
ClientSampleId :
VX1231MBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	102.9	76.7	115.1
89	45.5	34.6	51.8

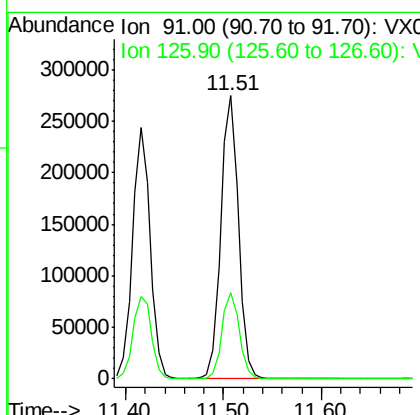
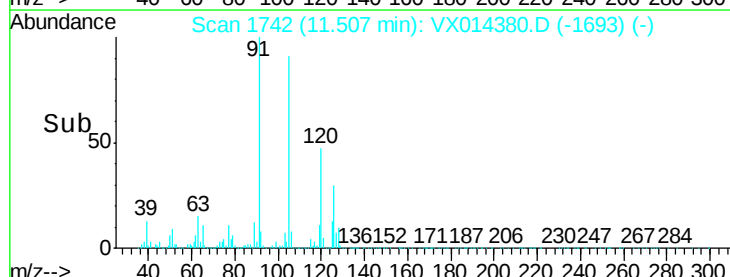
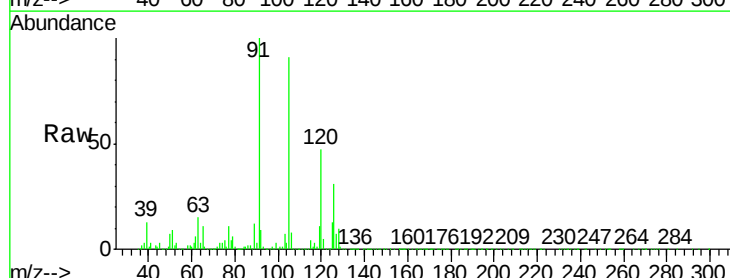
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#82
4-Chlorotoluene
Concen: 19.172 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX014380.D
Acq: 31 Dec 2019 15:17

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.2	15.6	46.8





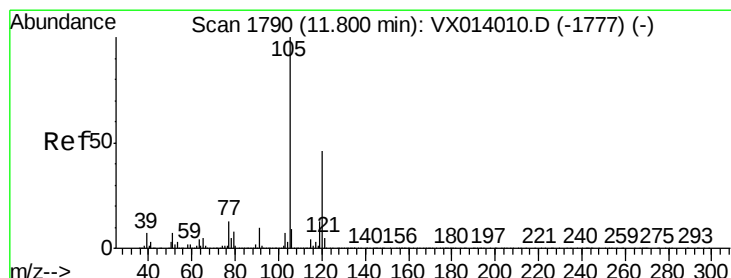
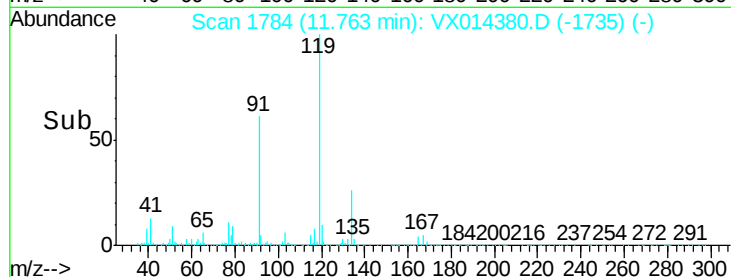
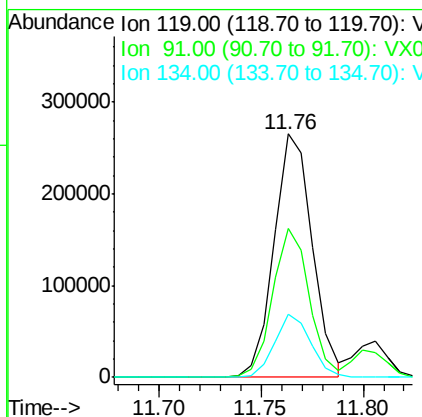
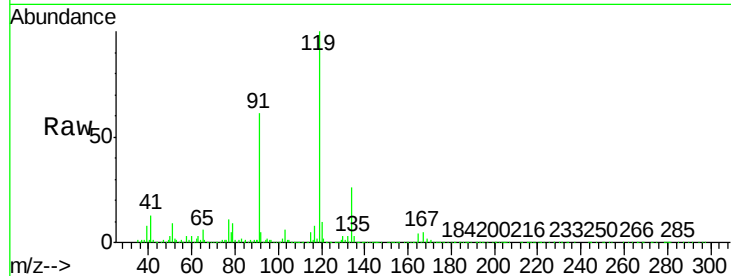
#83
tert-Butylbenzene
Concen: 18.712 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014380.D
Acq: 31 Dec 2019 15:17

Instrument :
MSVOA_X
ClientSampled :
VX1231MBSD01

Tot Ion	Ratio	Lower	Upper
119	100		
91	58.7	28.5	85.6
134	24.5	12.2	36.6

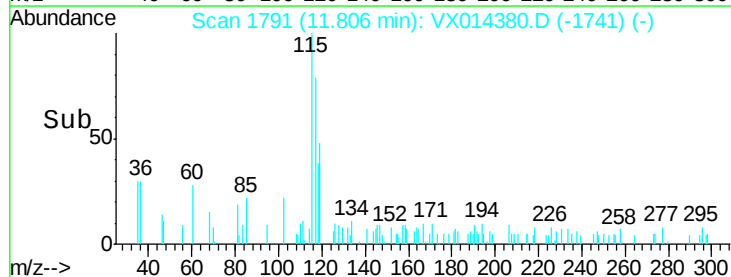
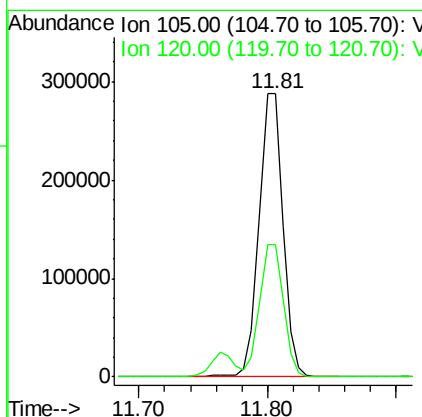
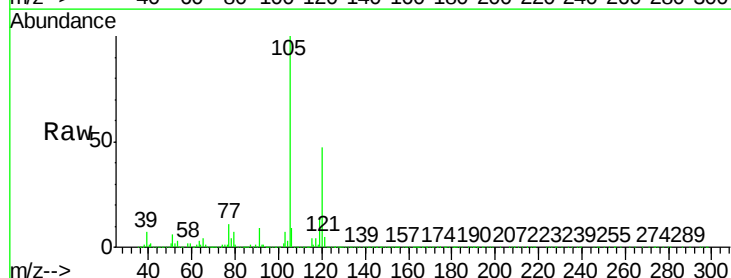
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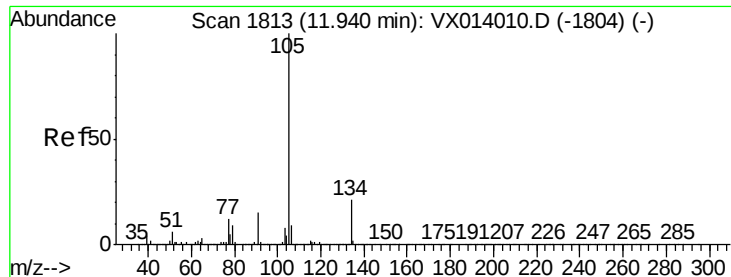
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#84
1,2,4-Trimethylbenzene
Concen: 19.305 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. 0.01 min
Lab File: VX014380.D
Acq: 31 Dec 2019 15:17

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.7	23.1	69.2





#85

sec-Butylbenzene

Concen: 19.422 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014380.D

Acq: 31 Dec 2019 15:17

Instrument :

MSVOA_X

ClientSampleId :

VX1231MBS01

Tot Ion:105 Resp: 424626

Ion Ratio Lower Upper

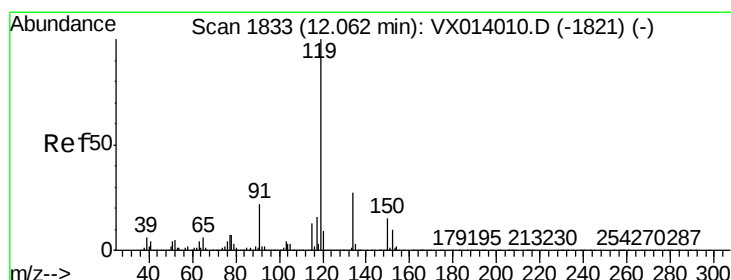
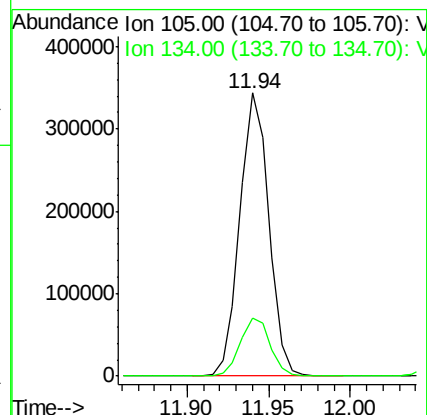
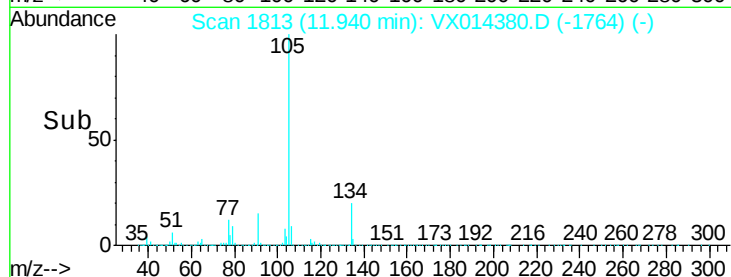
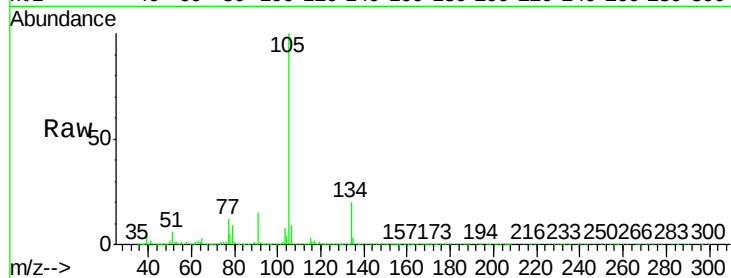
105 100

134 21.1 10.4 31.1

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#86

p-Isopropyltoluene

Concen: 19.313 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX014380.D

Acq: 31 Dec 2019 15:17

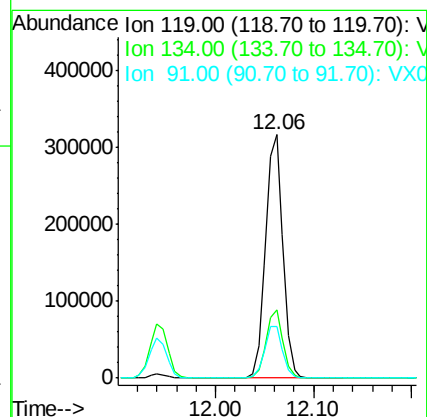
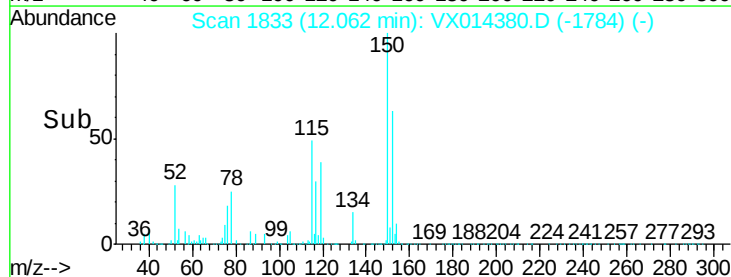
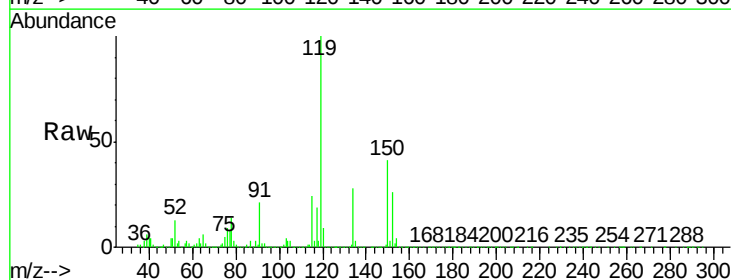
Tgt Ion:119 Resp: 386253

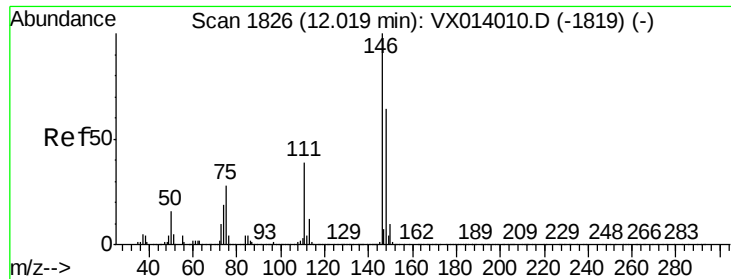
Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.1

91 22.1 11.4 34.1





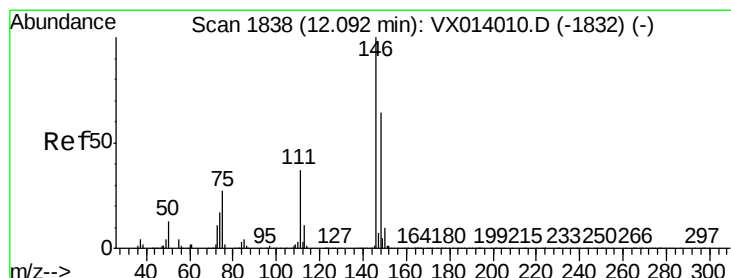
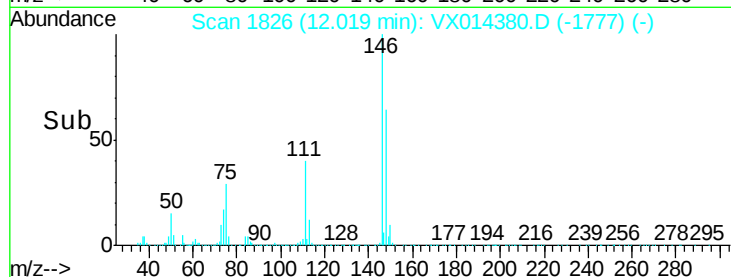
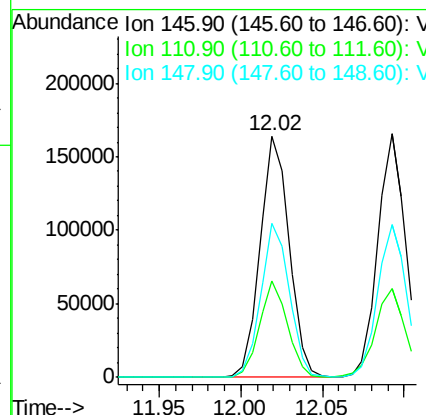
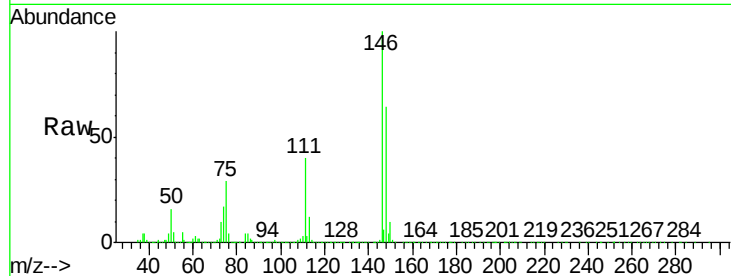
#87
 1,3-Dichlorobenzene
 Concen: 18.686 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014380.D
 Acq: 31 Dec 2019 15:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1231MBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.1	57.1
148	62.9	32.3	96.9

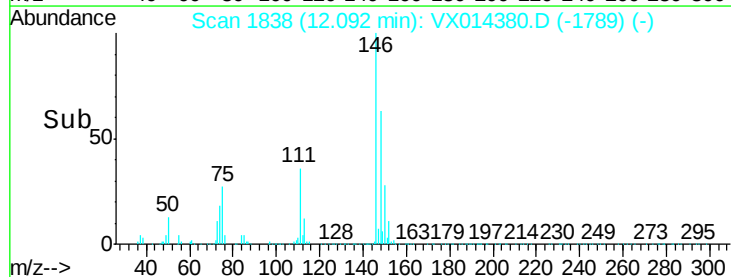
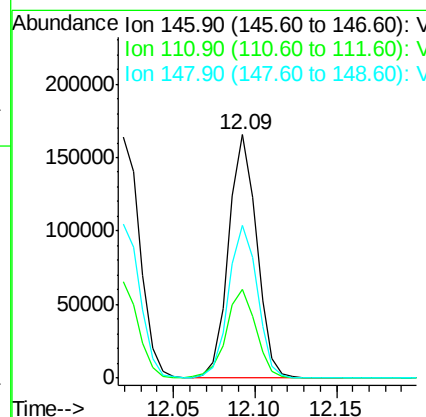
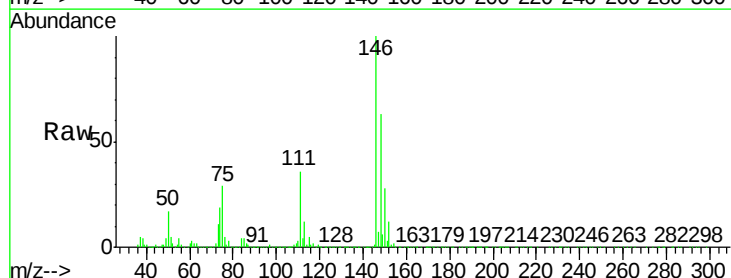
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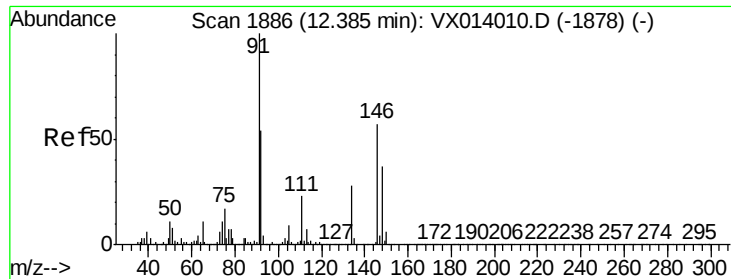
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#88
 1,4-Dichlorobenzene
 Concen: 17.849 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014380.D
 Acq: 31 Dec 2019 15:17

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.4	18.7	56.1
148	64.4	31.9	95.9





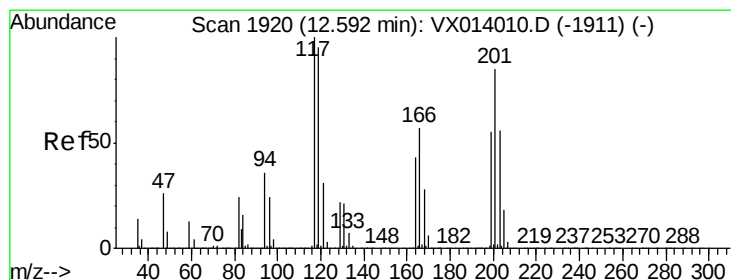
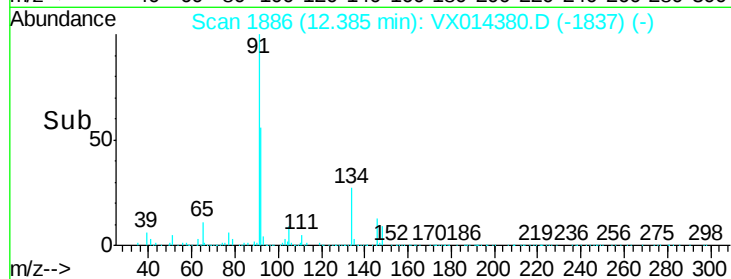
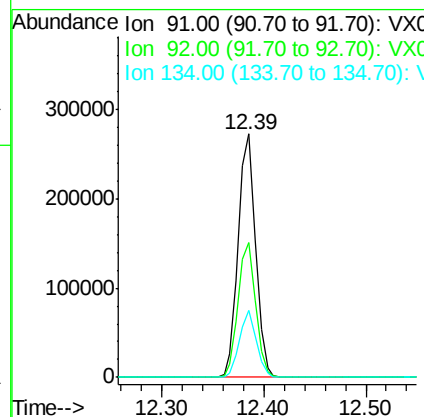
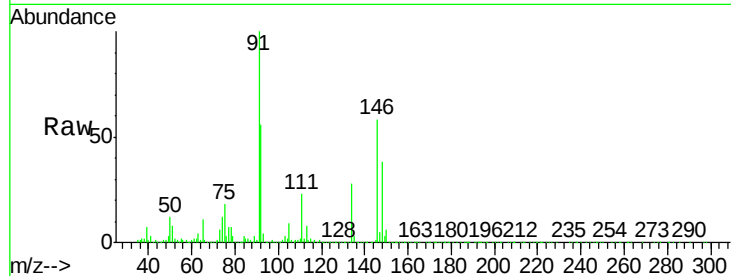
#89
n-Butylbenzene
Concen: 18.750 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014380.D
Acq: 31 Dec 2019 15:17

Instrument :
MSVOA_X
ClientSampleId :
VX1231MBSD01

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	55.5	27.2	81.6	
134	26.7	13.4	40.1	

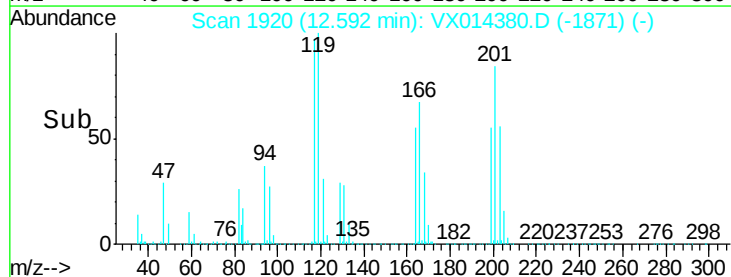
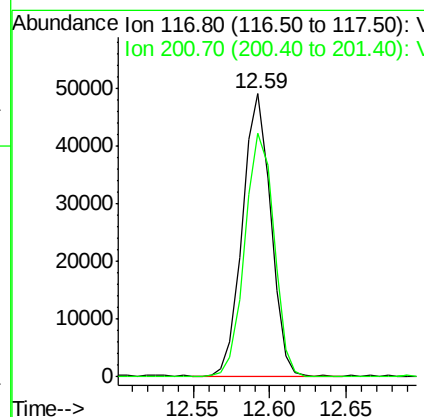
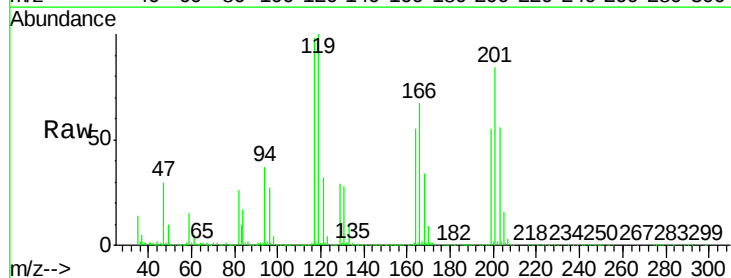
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#90
Hexachloroethane
Concen: 17.577 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014380.D
Acq: 31 Dec 2019 15:17

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	88.5	43.1	129.3	





#91

1,2-Dichlorobenzene

Concen: 18.484 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014380.D

Acq: 31 Dec 2019 15:17

Instrument :

MSVOA_X

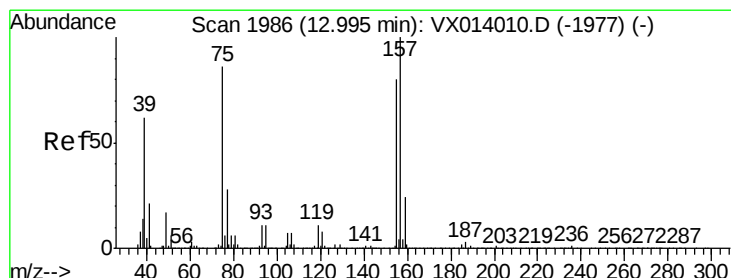
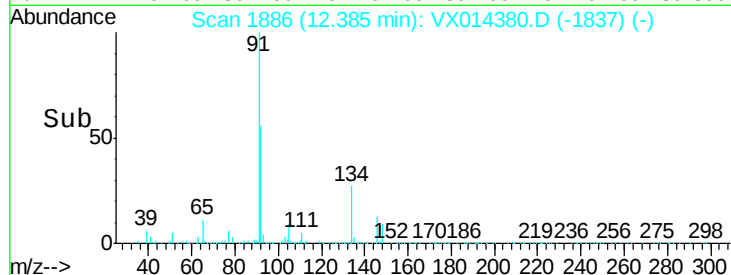
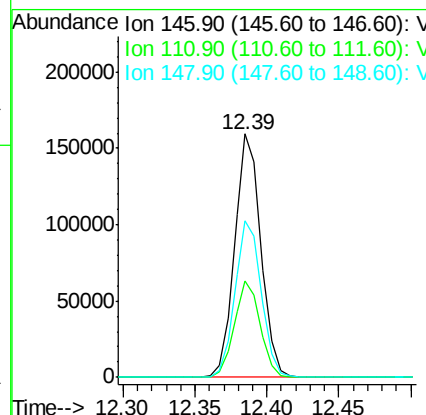
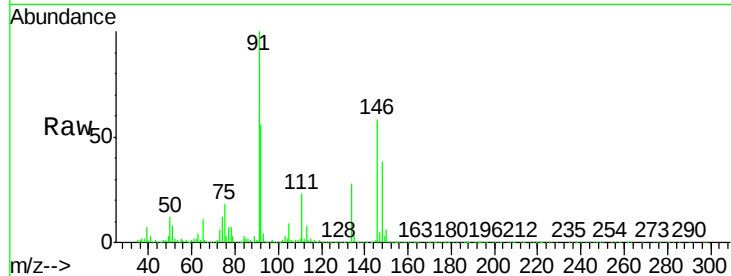
ClientSampleId :

VX1231MBSD01

Tot Ion:	146	Resp:	202894
Ion Ratio	Lower	Upper	
146	100		
111	39.0	19.7	59.1
148	64.9	32.1	96.5

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#92

1,2-Dibromo-3-Chloropropane

Concen: 17.630 ug/l

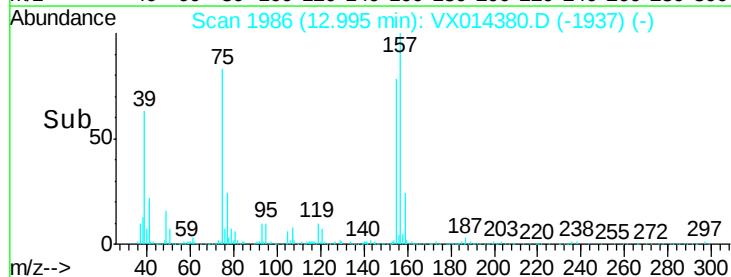
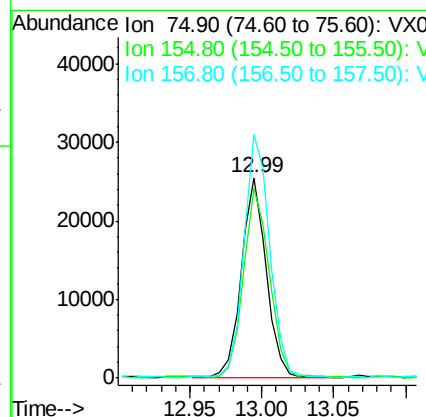
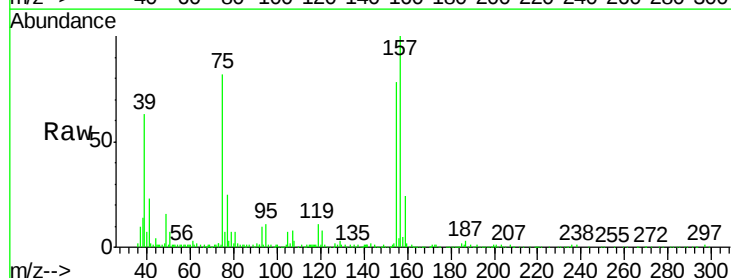
RT: 12.99 min Scan# 1986

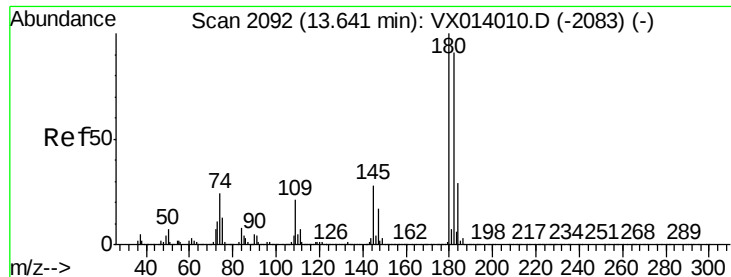
Delta R.T. 0.00 min

Lab File: VX014380.D

Acq: 31 Dec 2019 15:17

Tgt Ion:	75	Resp:	30586
Ion Ratio	Lower	Upper	
75	100		
155	98.3	46.9	140.6
157	125.6	60.8	182.4





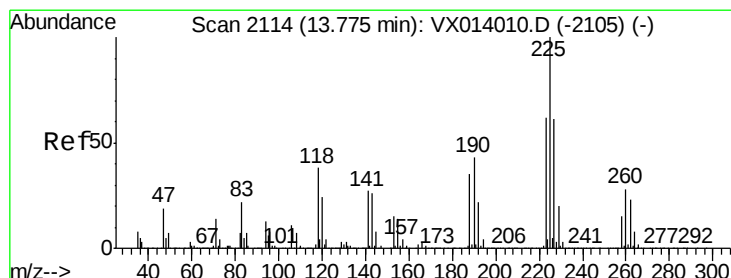
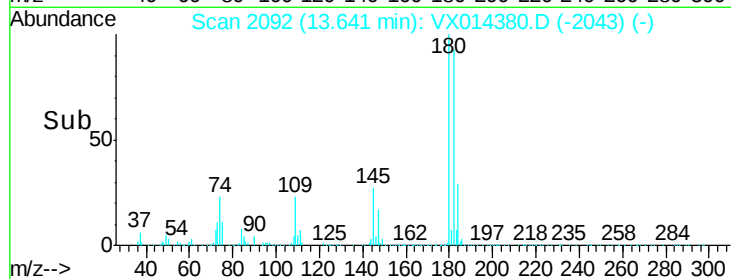
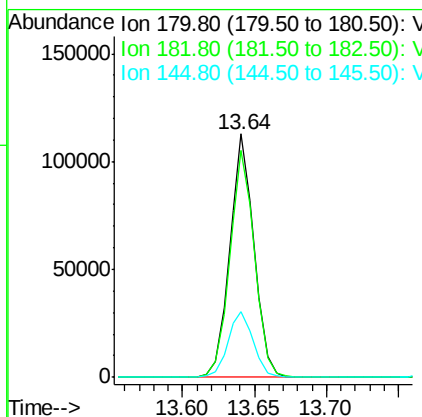
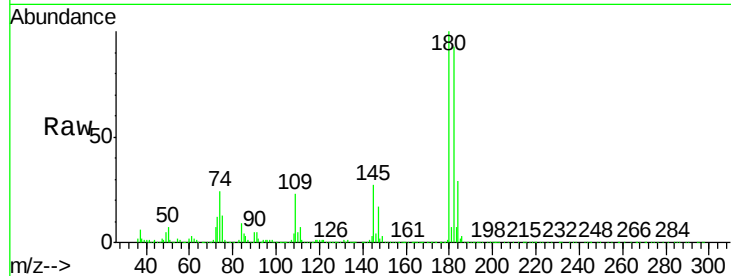
#93
 1,2,4-Trichlorobenzene
 Concen: 18.617 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014380.D
 Acq: 31 Dec 2019 15:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1231MBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	132822		
182	95.5	46.6	139.8	
145	28.2	14.2	42.6	

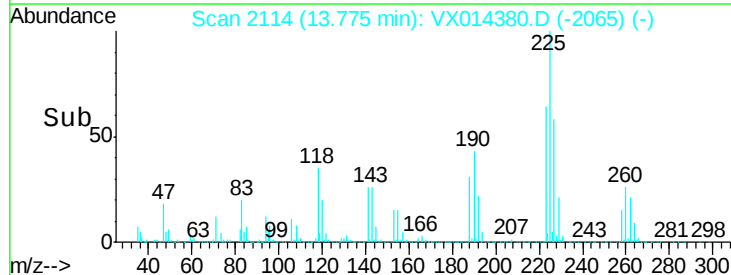
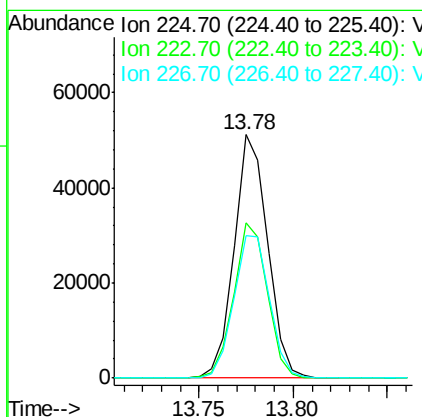
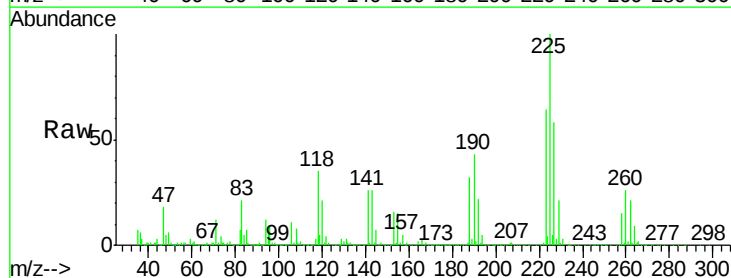
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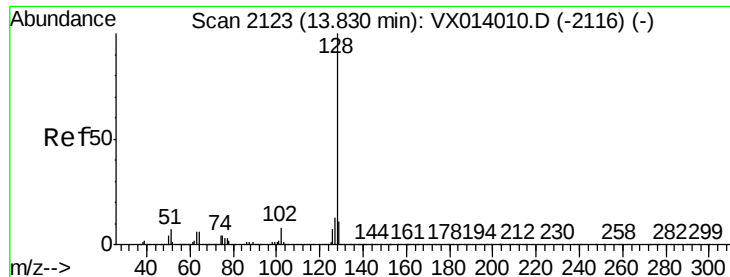
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#94
 Hexachlorobutadiene
 Concen: 18.375 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014380.D
 Acq: 31 Dec 2019 15:17

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	63004		
223	64.1	30.9	92.5	
227	62.7	30.9	92.7	





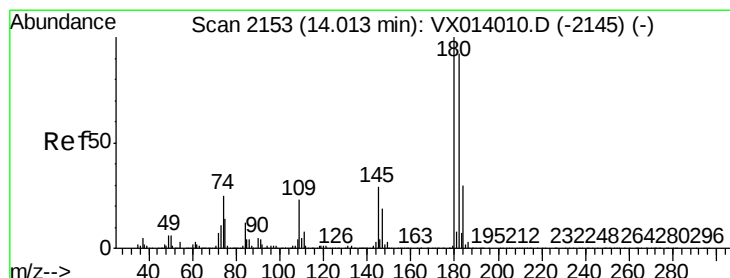
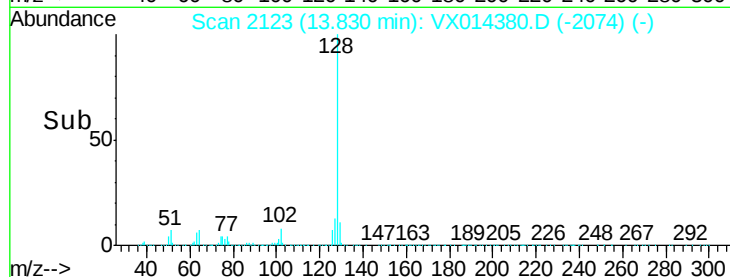
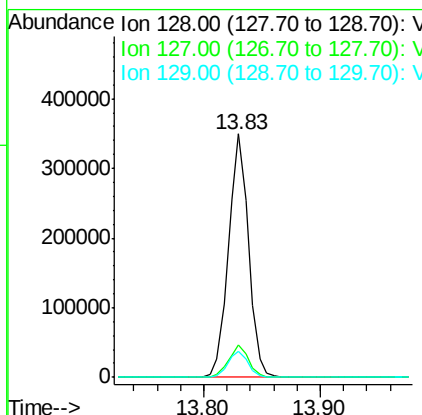
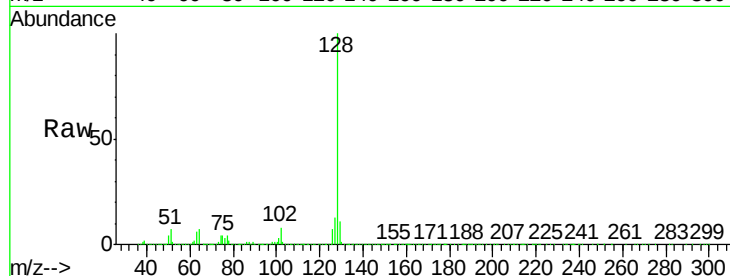
#95
Naphthalene
Concen: 19.899 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014380.D
Acq: 31 Dec 2019 15:17

Instrument :
MSVOA_X
ClientSampleId :
VX1231MBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.4
129	10.7	8.7	13.1

Manual Integrations
APPROVED

apatel
1/2/2020 9:54:23 AM



#96
1,2,3-Trichlorobenzene
Concen: 19.249 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014380.D
Acq: 31 Dec 2019 15:17

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	46.8	140.3
145	30.3	14.8	44.4

