

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX123119\
 Data File : VX014373.D
 Acq On : 31 Dec 2019 12:24
 Operator : JC/SP
 Sample : VX1231WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1231WBS01

Manual Integrations
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 1/2/2020 9:54:13 AM

Quant Time: Jan 01 03:53:56 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	456878	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	711016	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	638024	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	314308	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	275073	53.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.24%	
35) Dibromofluoromethane	5.49	113	229814	53.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.34%	
50) Toluene-d8	8.71	98	872929	51.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.76%	
62) 4-Bromofluorobenzene	11.13	95	311161	50.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	67272	16.459	ug/l	98
3) Chloromethane	1.32	50	101413	18.488	ug/l	99
4) Vinyl Chloride	1.40	62	106592	18.416	ug/l	96
5) Bromomethane	1.64	94	64709	15.752	ug/l	98
6) Chloroethane	1.72	64	72732	20.360	ug/l	95
7) Trichlorofluoromethane	1.92	101	137899	19.246	ug/l	99
8) Diethyl Ether	2.18	74	65296	19.418	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	84529	19.571	ug/l	99
10) Methyl Iodide	2.50	142	79424	15.834	ug/l	98
11) Tert butyl alcohol	3.03	59	112680	100.709	ug/l	98
12) 1,1-Dichloroethene	2.37	96	83948	19.101	ug/l	97
13) Acrolein	2.28	56	56719	88.558	ug/l	96
14) Allyl chloride	2.72	41	158121	20.151	ug/l	98
15) Acrylonitrile	3.13	53	282059	108.006	ug/l	99
16) Acetone	2.43	43	313933	93.386	ug/l	99
17) Carbon Disulfide	2.56	76	201399	17.009	ug/l	99
18) Methyl Acetate	2.76	43	144647	21.714	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	295639	20.471	ug/l	99
20) Methylene Chloride	2.85	84	103086	19.473	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	89748	18.536	ug/l	99
22) Diisopropyl ether	3.84	45	332331	21.253	ug/l	99
23) Vinyl Acetate	3.80	43	1372853	107.585	ug/l	99
24) 1,1-Dichloroethane	3.69	63	174604	20.070	ug/l	98
25) 2-Butanone	4.66	43	425537	102.674	ug/l	99
26) 2,2-Dichloropropane	4.57	77	133729	19.798	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	108476	19.810	ug/l	99
28) Bromochloromethane	5.01	49	81575	24.614	ug/l	97
29) Tetrahydrofuran	5.11	42	252758	109.034	ug/l	97
30) Chloroform	5.20	83	168490	20.430	ug/l	100
31) Cyclohexane	5.57	56	151343	19.559	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	137230	19.524	ug/l	99
36) 1,1-Dichloropropene	5.79	75	120337	18.445	ug/l	100
37) Ethyl Acetate	4.82	43	149010	20.683	ug/l	99
38) Carbon Tetrachloride	5.78	117	114248	19.223	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	147507	18.311	ug/l	97
40) Benzene	6.14	78	393542	19.605	ug/l	99
41) Methacrylonitrile	5.03	41	82076	20.533	ug/l	98
42) 1,2-Dichloroethane	6.18	62	134284	19.735	ug/l	98
43) Isopropyl Acetate	6.43	43	242415	20.332	ug/l	99
44) Trichloroethene	7.21	130	104716	18.887	ug/l	95
45) 1,2-Dichloropropane	7.51	63	109263	21.237	ug/l	95
46) Dibromomethane	7.65	93	66869	19.658	ug/l	98
47) Bromodichloromethane	7.89	83	126808	19.794	ug/l	96
48) Methyl methacrylate	7.76	41	115345	19.757	ug/l	99
49) 1,4-Dioxane	7.73	88	46690	392.981	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	780928	104.295	ug/l	98
52) Toluene	8.78	92	244413	19.264	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	136130	19.379	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	154565	19.750	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	102926	20.240	ug/l	97
56) Ethyl methacrylate	9.17	69	155500	19.467	ug/l	98
57) 1,3-Dichloropropane	9.37	76	171232	20.014	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	303589	100.429	ug/l	100
59) 2-Hexanone	9.48	43	605005	100.372	ug/l	99
60) Dibromochloromethane	9.57	129	102376	20.254	ug/l	100
61) 1,2-Dibromoethane	9.67	107	104260	20.039	ug/l	98
64) Tetrachloroethene	9.33	164	110706	19.609	ug/l	99
65) Chlorobenzene	10.14	112	262914	19.380	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	95039	19.621	ug/l	99
67) Ethyl Benzene	10.25	91	453995	19.466	ug/l	98
68) m/p-Xylenes	10.35	106	347186	38.704	ug/l	99
69) o-Xylene	10.70	106	167357	19.023	ug/l	98
70) Styrene	10.71	104	286038	19.227	ug/l	99
71) Bromoform	10.85	173	72743	18.683	ug/l #	98
73) Isopropylbenzene	11.01	105	448667	20.274	ug/l	99
74) N-amyl acetate	10.89	43	200314	19.311	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	157689	20.553	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	128118m	18.776	ug/l	
77) Bromobenzene	11.25	156	114212	18.758	ug/l	99
78) n-propylbenzene	11.35	91	496859	20.017	ug/l	99
79) 2-Chlorotoluene	11.42	91	300471	19.913	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	366591	19.683	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	45016	18.621	ug/l	91
82) 4-Chlorotoluene	11.51	91	338041	19.314	ug/l	100
83) tert-Butylbenzene	11.76	119	360592	19.895	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	375222	20.118	ug/l	98
85) sec-Butylbenzene	11.94	105	428088	20.007	ug/l	100
86) p-Isopropyltoluene	12.06	119	389112	19.881	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	197860	18.542	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	199892	18.423	ug/l	99
89) n-Butylbenzene	12.39	91	319892	19.155	ug/l	99
90) Hexachloroethane	12.59	117	66218	18.836	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	202460	18.847	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	31824	18.744	ug/l	99

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ClientSampleId :
VX1231WBS01

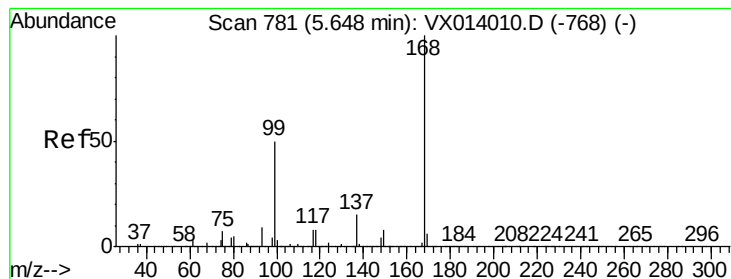
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	127271	18.229	ug/l	98
94) Hexachlorobutadiene	13.78	225	64791	19.309	ug/l	97
95) Naphthalene	13.83	128	397762	19.390	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	129064	18.726	ug/l	95

(#) = 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: VX014373.D

Acq: 31 Dec 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

VX1231WBS01

Tot Ion:168 Resp: 456878

Ion Ratio Lower Upper

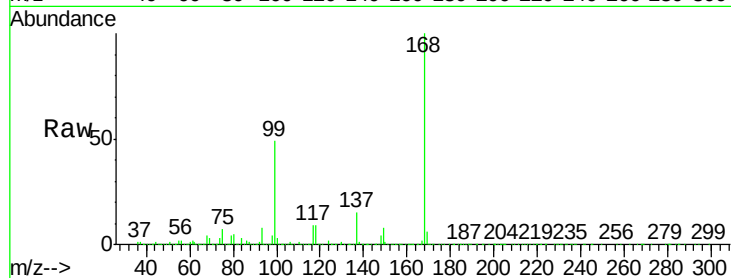
168 100

99 49.0 40.3 60.5

Manual Integrations
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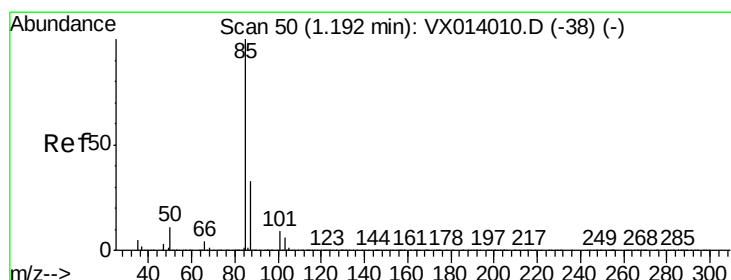
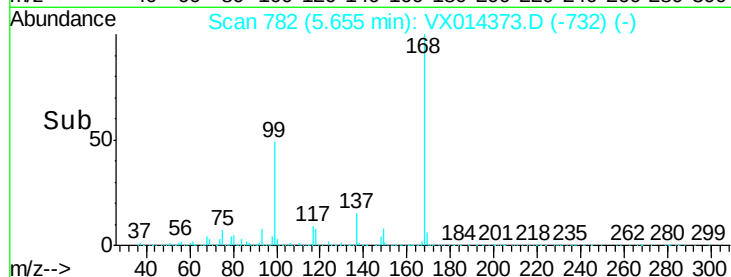
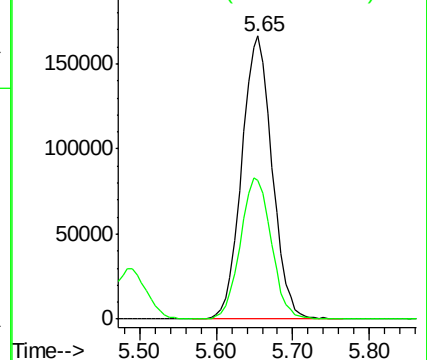
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 16.459 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014373.D

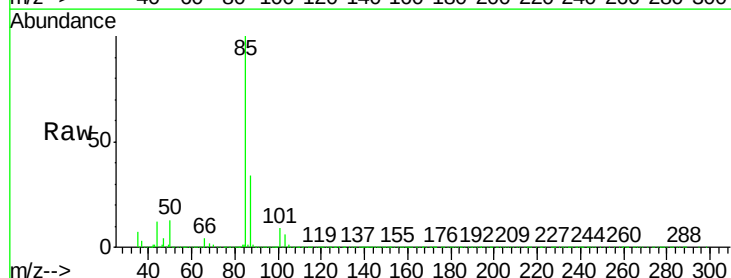
Acq: 31 Dec 2019 12:24

Tgt Ion: 85 Resp: 67272

Ion Ratio Lower Upper

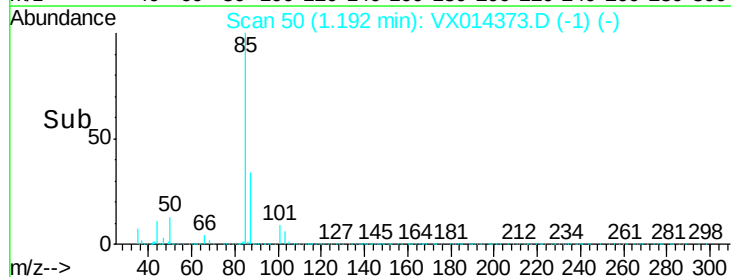
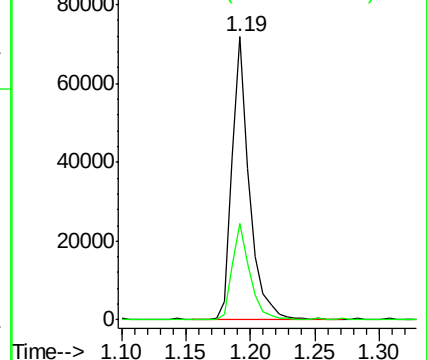
85 100

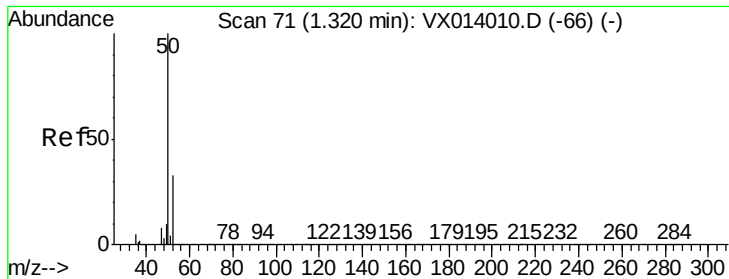
87 33.9 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 18.488 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014373.D

Acq: 31 Dec 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

VX1231WBS01

Tot Ion: 50 Resp: 101413

Ion Ratio Lower Upper

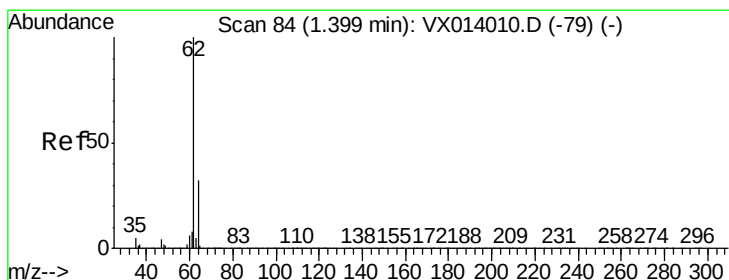
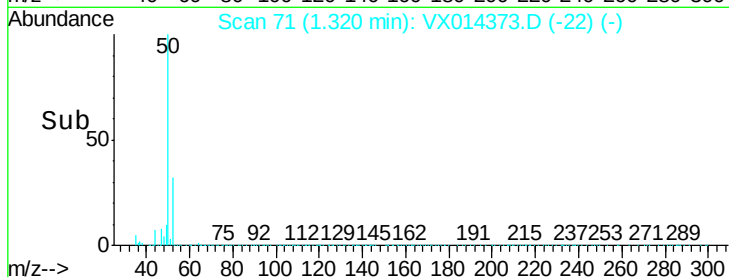
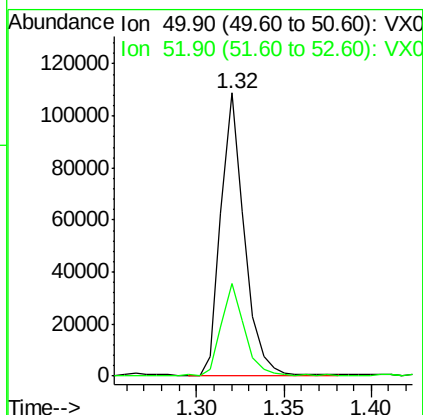
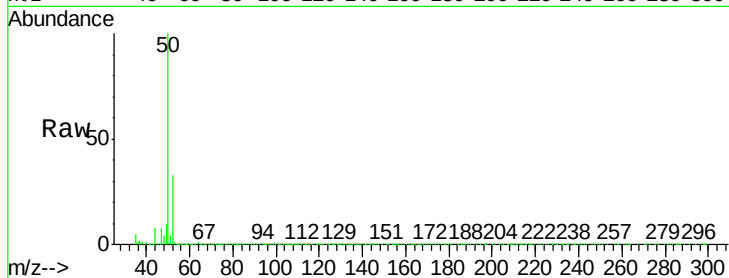
50 100

52 32.3 26.2 39.4

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#4

Vinyl Chloride

Concen: 18.416 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014373.D

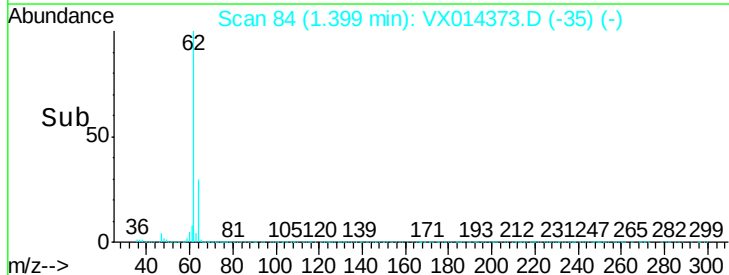
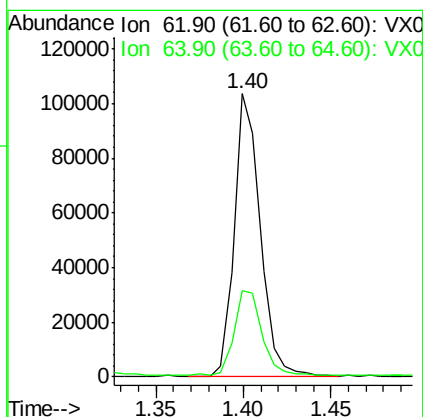
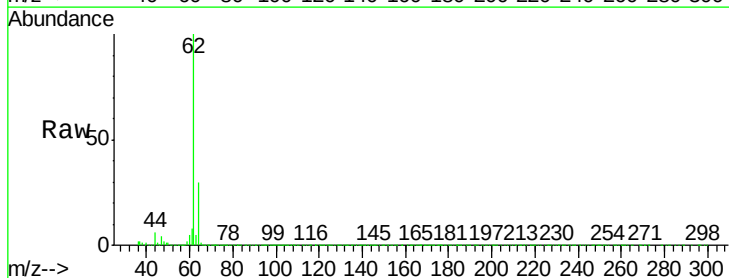
Acq: 31 Dec 2019 12:24

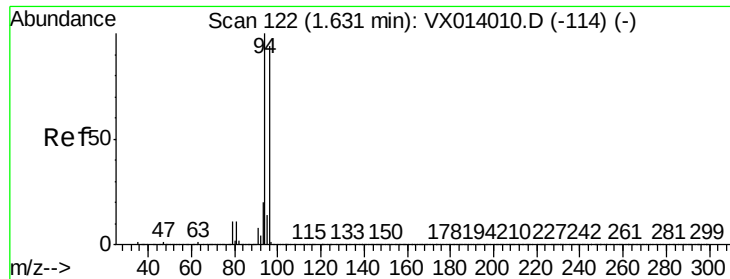
Tgt Ion: 62 Resp: 106592

Ion Ratio Lower Upper

62 100

64 29.9 25.7 38.5





#5

Bromomethane

Concen: 15.752 ug/l

RT: 1.64 min Scan# 123

Delta R.T. 0.01 min

Lab File: VX014373.D

Acq: 31 Dec 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

VX1231WBS01

Tot Ion: 94 Resp: 64709

Ion Ratio Lower Upper

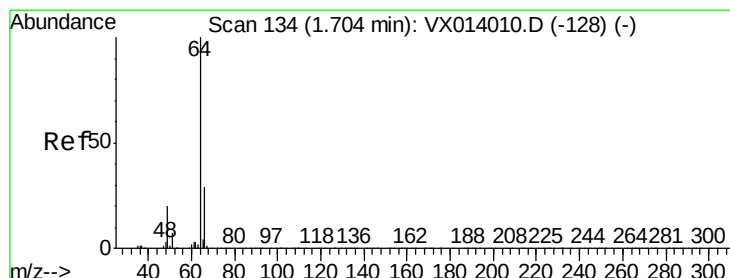
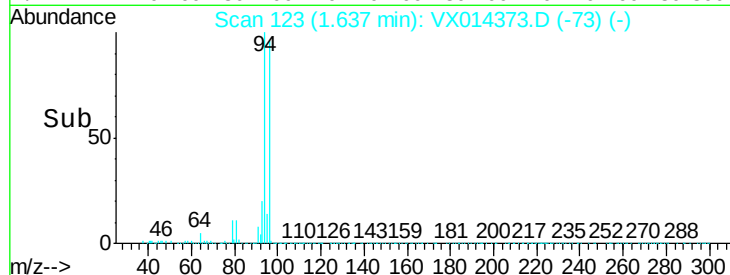
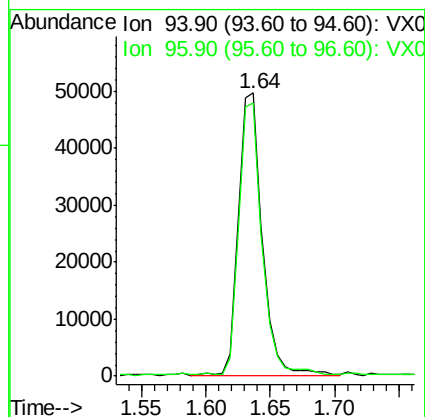
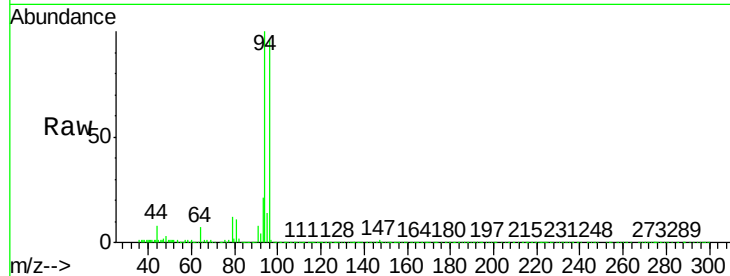
94 100

96 95.8 75.2 112.8

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#6

Chloroethane

Concen: 20.360 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX014373.D

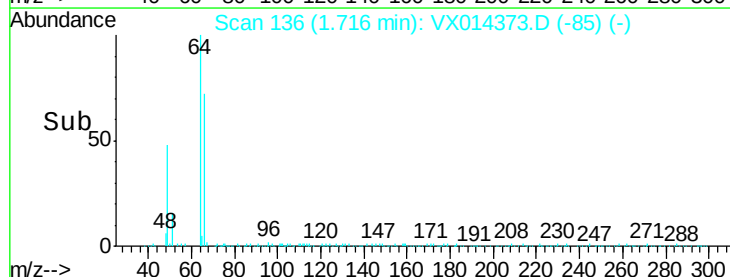
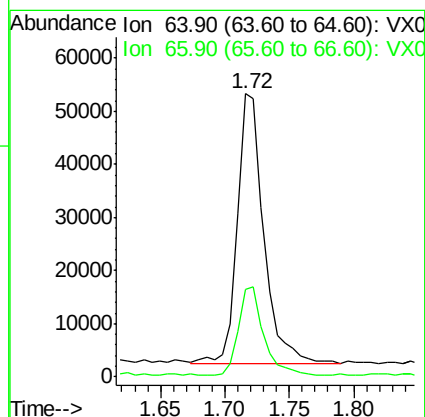
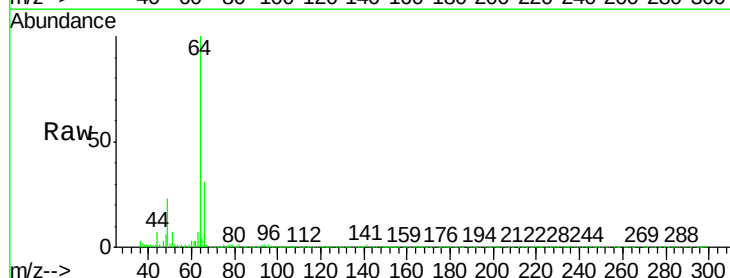
Acq: 31 Dec 2019 12:24

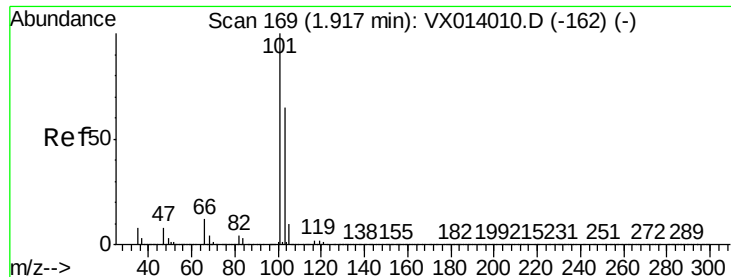
Tgt Ion: 64 Resp: 72732

Ion Ratio Lower Upper

64 100

66 31.7 23.4 35.2





#7

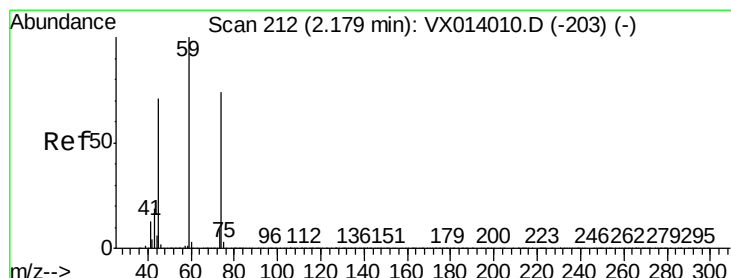
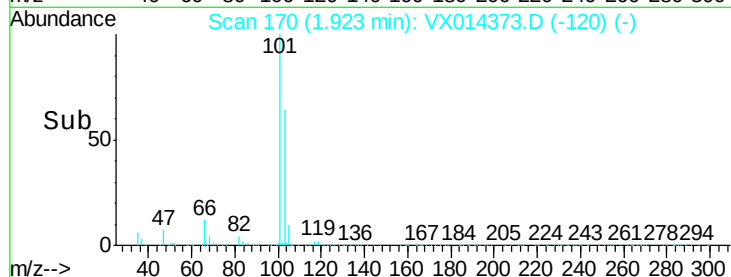
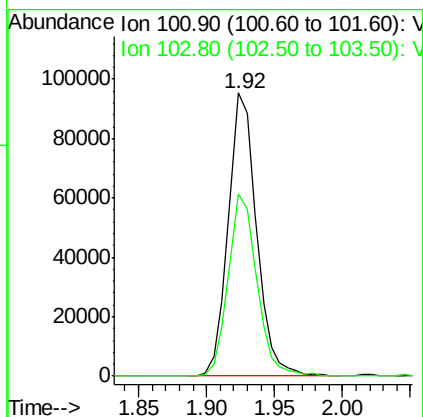
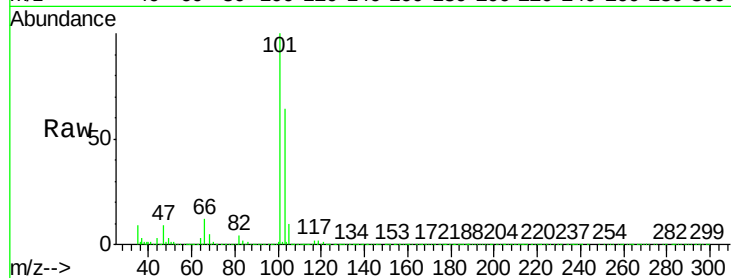
Trichlorofluoromethane
Concen: 19.246 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014373.D
Acq: 31 Dec 2019 12:24

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ClientSampleId :
VX1231WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.3	52.2	78.4

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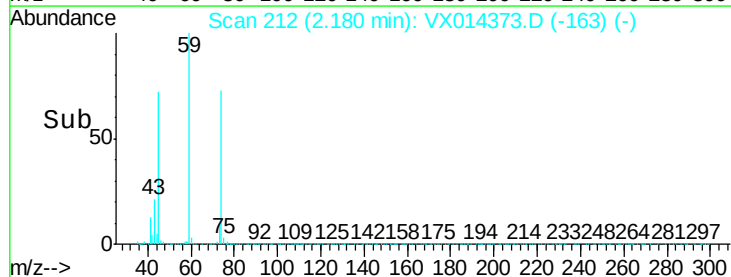
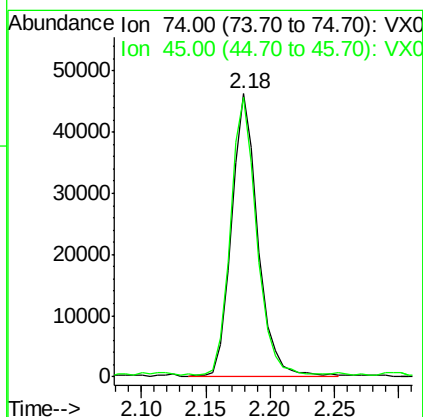
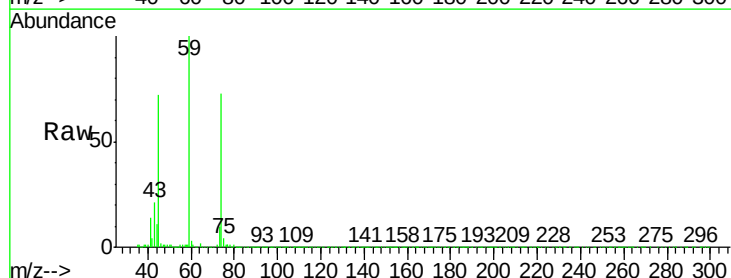
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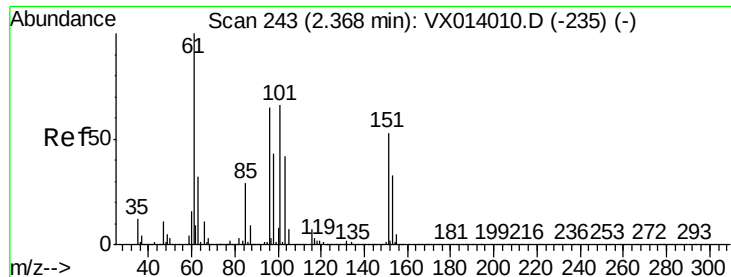


#8

Diethyl Ether
Concen: 19.418 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014373.D
Acq: 31 Dec 2019 12:24

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.9	48.1	144.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.571 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014373.D

Acq: 31 Dec 2019 12:24

Instrument :

MSVOA_X

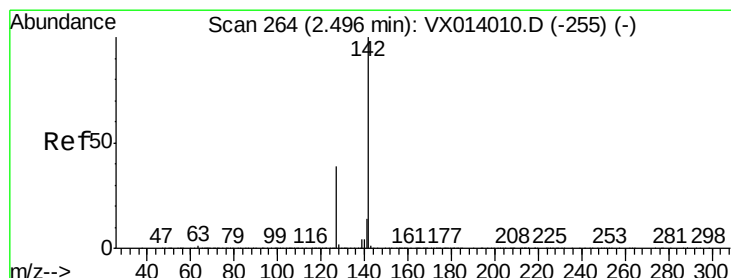
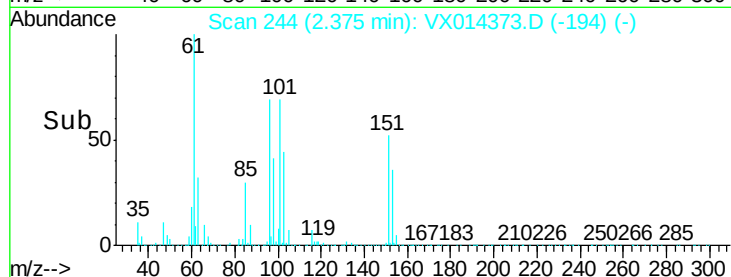
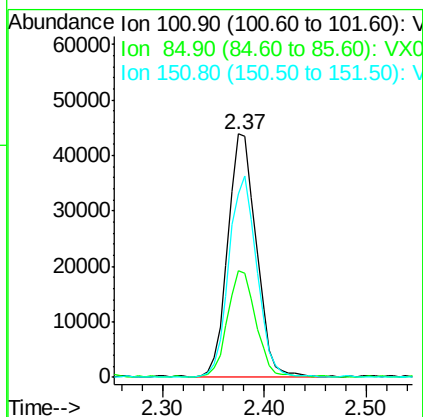
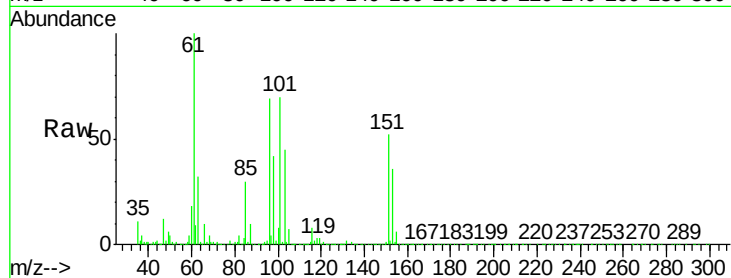
ClientSampleId :

VX1231WBS01

Tot Ion:	101	Resp:	84529
Ion Ratio	Lower	Upper	
101	100		
85	42.9	33.7	50.5
151	81.9	64.5	96.7

Manual Integrations
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#10

Methyl Iodide

Concen: 15.834 ug/l

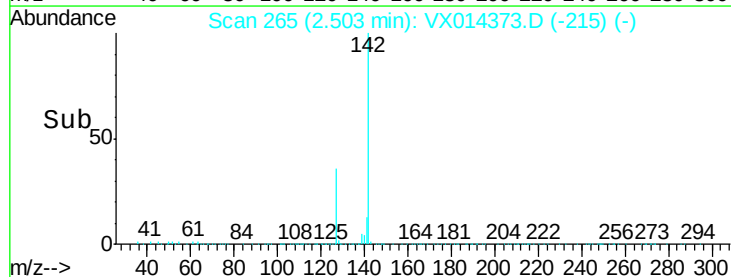
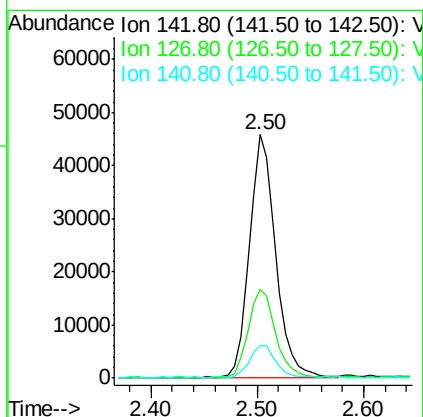
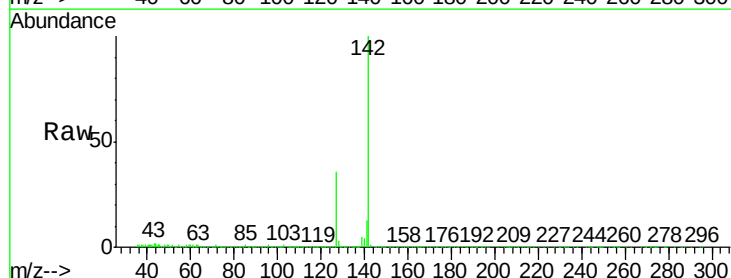
RT: 2.50 min Scan# 265

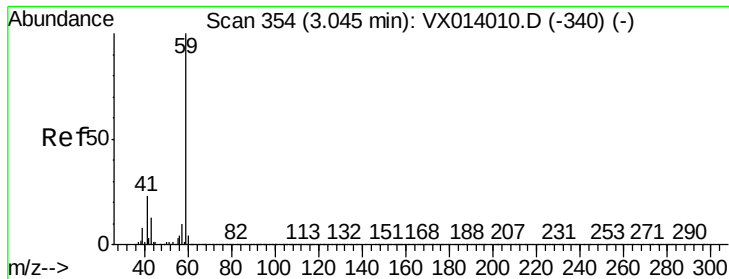
Delta R.T. 0.01 min

Lab File: VX014373.D

Acq: 31 Dec 2019 12:24

Tgt Ion:	142	Resp:	79424
Ion Ratio	Lower	Upper	
142	100		
127	38.0	31.6	47.4
141	14.0	11.6	17.4





#11

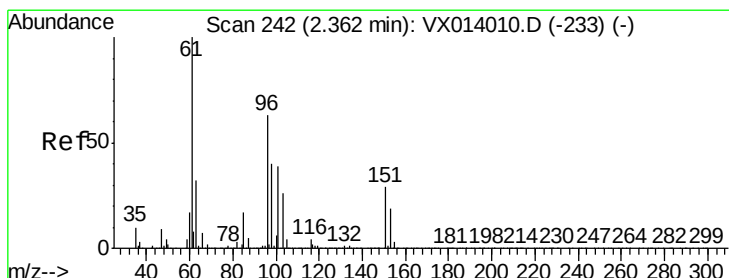
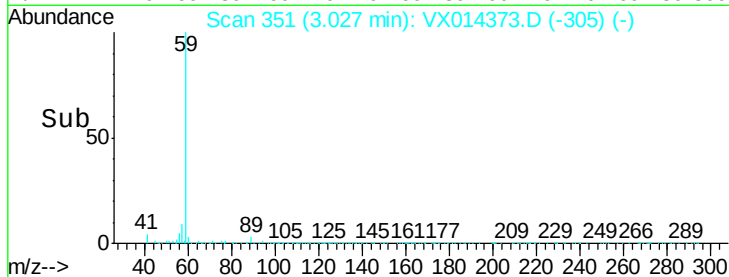
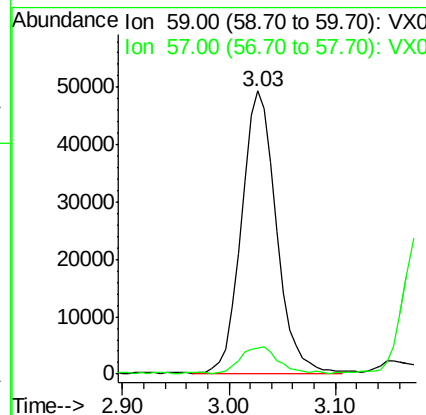
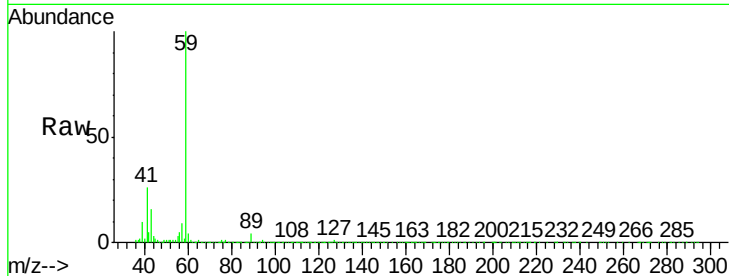
Tert butyl alcohol
Concen: 100.709 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.02 min
Lab File: VX014373.D
Acq: 31 Dec 2019 12:24

Instrument :
MSVOA_X
ClientSampled :
VX1231WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.2	8.4	12.6

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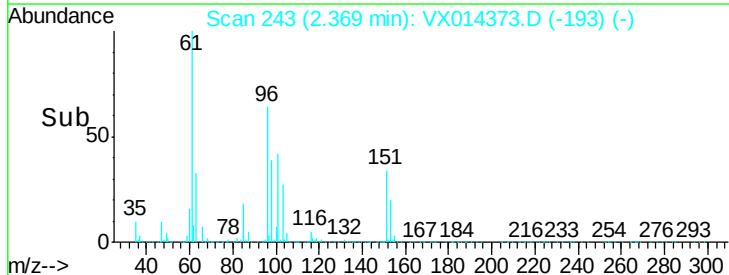
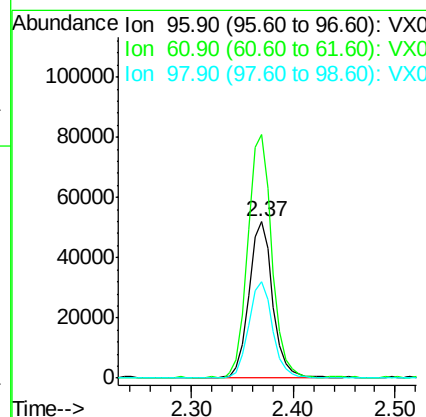
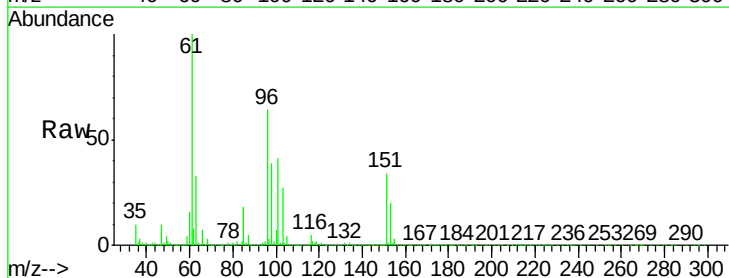
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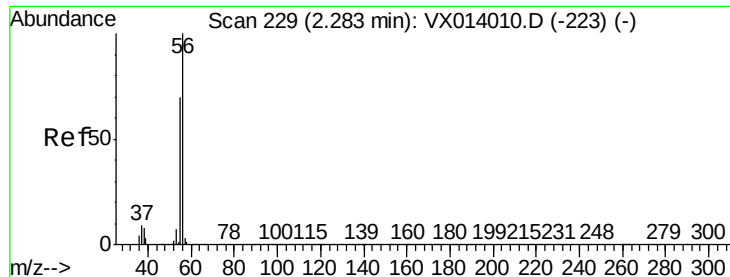


#12

1,1-Dichloroethene
Concen: 19.101 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.01 min
Lab File: VX014373.D
Acq: 31 Dec 2019 12:24

Tgt Ion	Ratio	Lower	Upper
96	100		
61	155.6	127.9	191.9
98	61.3	50.5	75.7





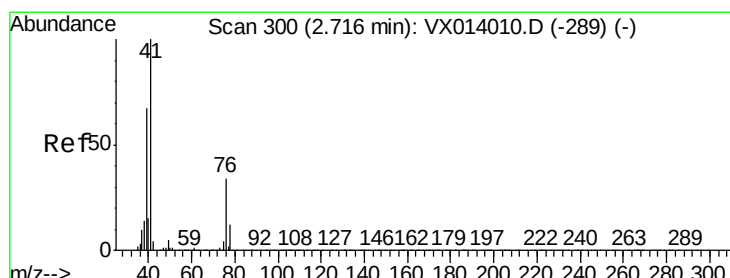
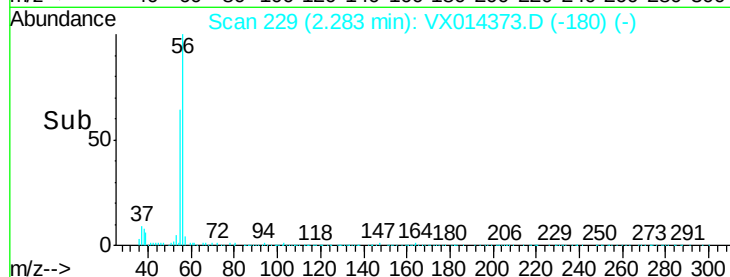
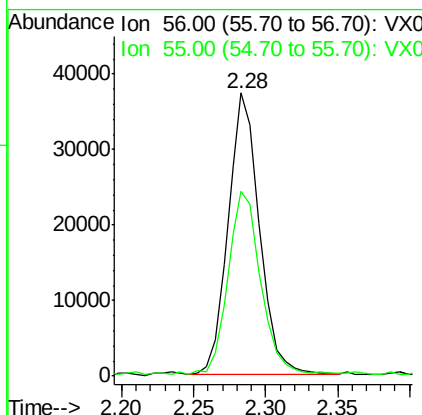
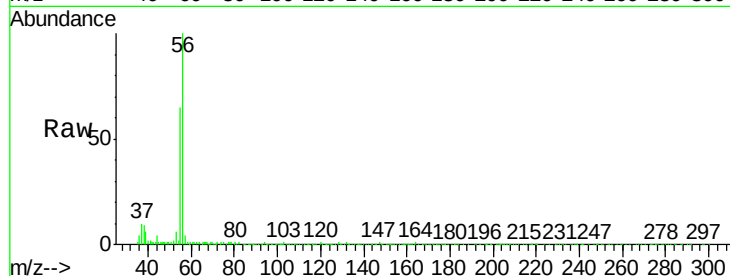
#13
Acrolein
Concen: 88.558 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX014373.D
Acq: 31 Dec 2019 12:24

Instrument :
MSVOA_X
ClientSampleId :
VX1231WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
55	68.1	56.9	85.3

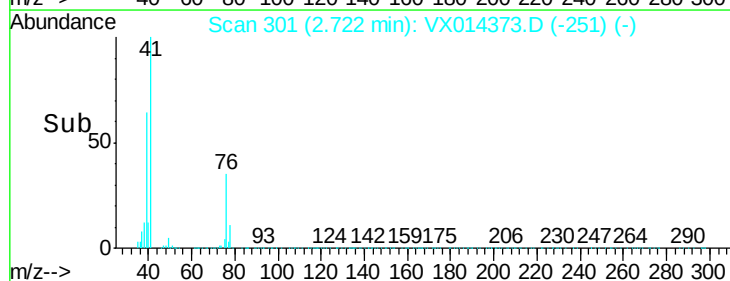
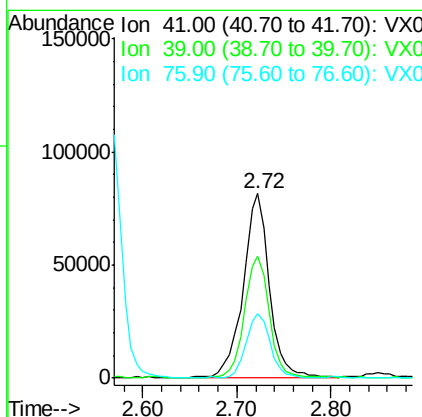
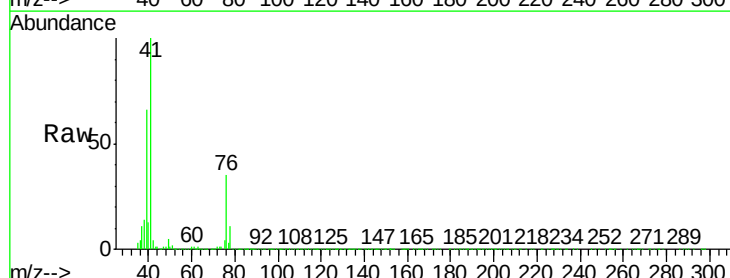
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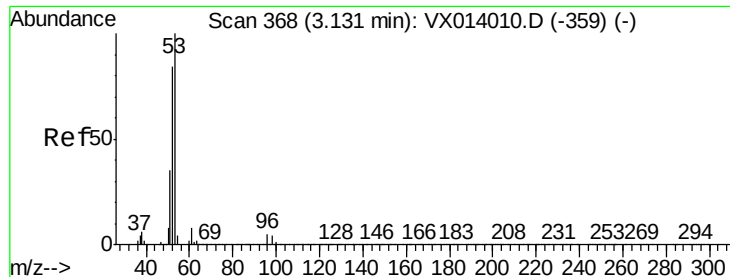
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#14
Allyl chloride
Concen: 20.151 ug/l
RT: 2.72 min Scan# 301
Delta R.T. 0.01 min
Lab File: VX014373.D
Acq: 31 Dec 2019 12:24

Tgt Ion	Ratio	Lower	Upper
41	100		
39	62.5	51.8	77.8
76	31.9	25.9	38.9





#15

Acrylonitrile

Concen: 108.006 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014373.D

Acq: 31 Dec 2019 12:24

Instrument :

MSVOA_X

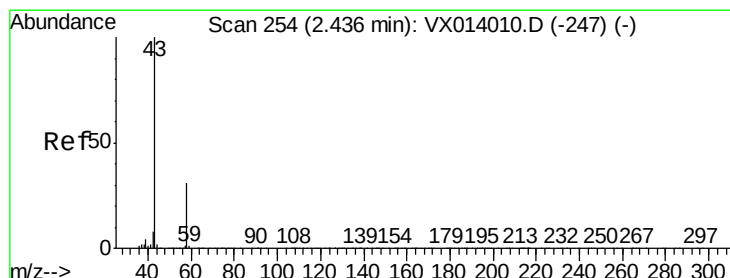
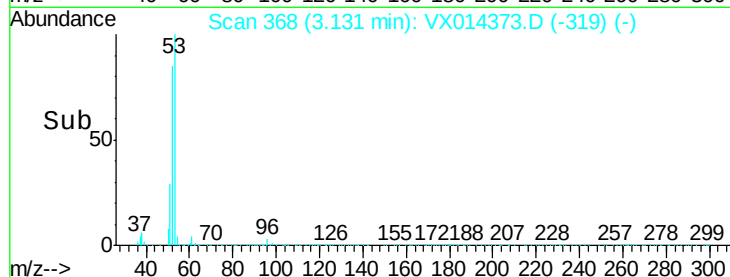
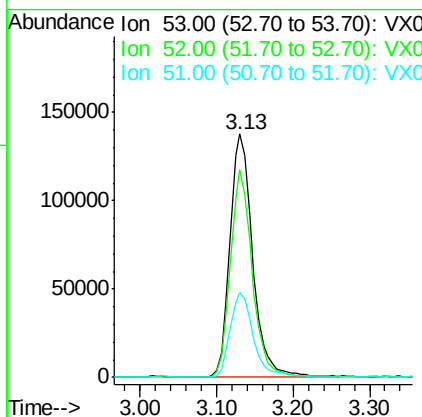
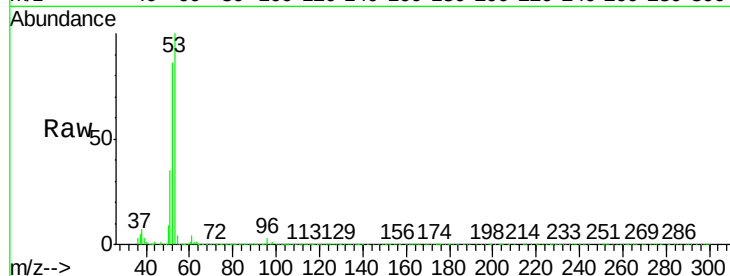
ClientSampleId :

VX1231WBS01

Tot Ion:	53	Resp:	282059
Ion Ratio		Lower	Upper
53	100		
52	82.2	66.5	99.7
51	35.6	28.1	42.1

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#16

Acetone

Concen: 93.386 ug/l

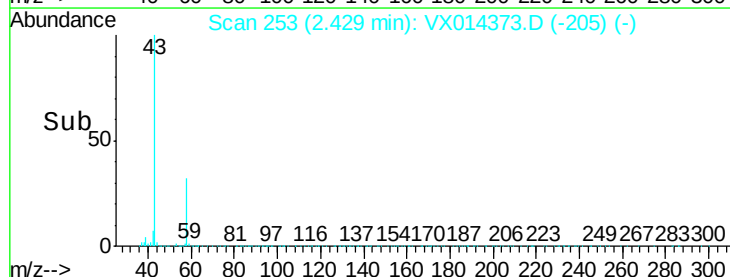
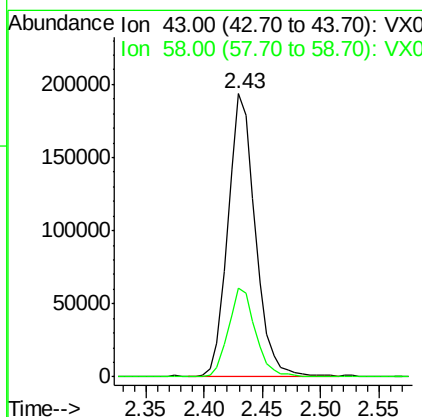
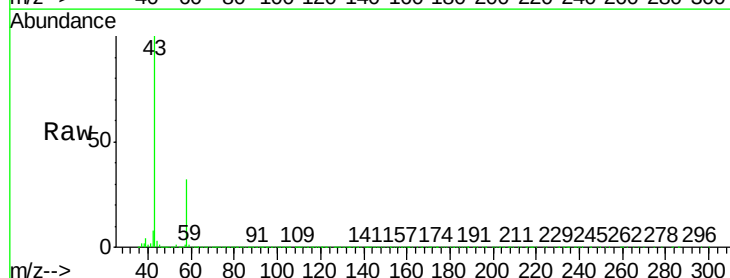
RT: 2.43 min Scan# 253

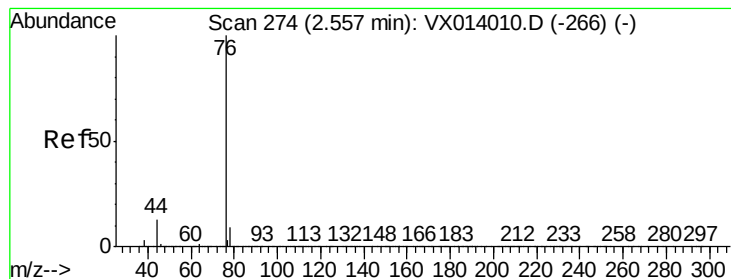
Delta R.T. -0.01 min

Lab File: VX014373.D

Acq: 31 Dec 2019 12:24

Tgt Ion:	43	Resp:	313933
Ion Ratio		Lower	Upper
43	100		
58	31.5	24.9	37.3





#17

Carbon Disulfide

Concen: 17.009 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014373.D

Acq: 31 Dec 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

VX1231WBS01

Tot Ion: 76 Resp: 201399

Ion Ratio Lower Upper

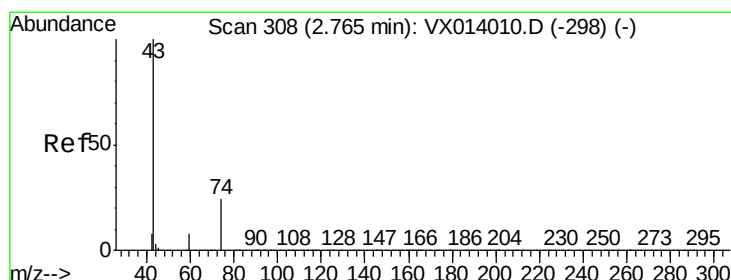
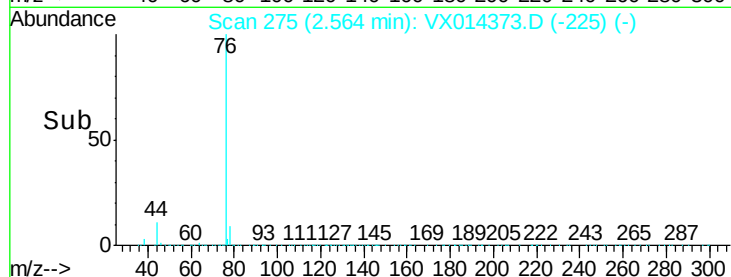
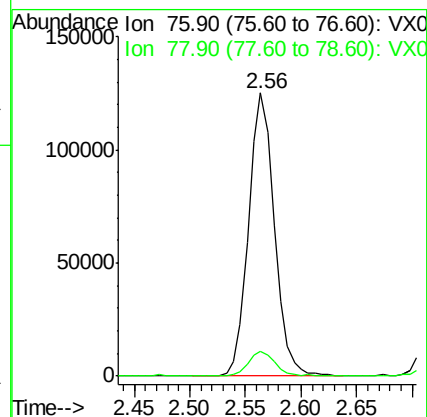
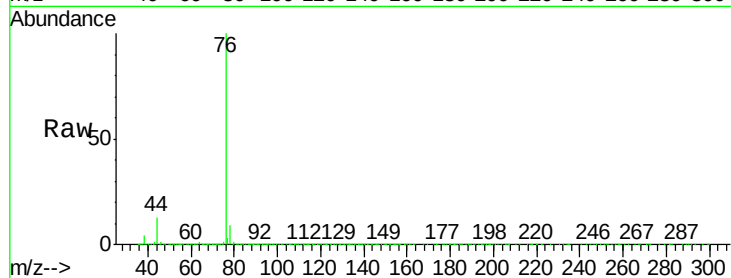
76 100

78 8.7 7.2 10.8

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#18

Methyl Acetate

Concen: 21.714 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX014373.D

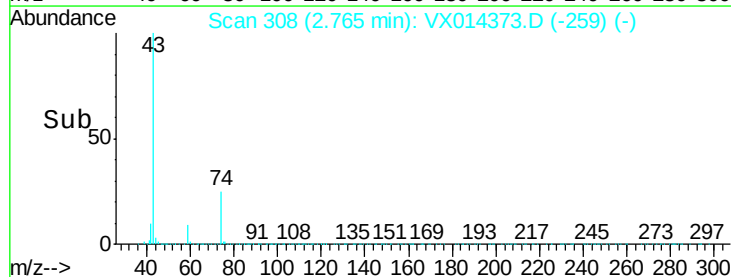
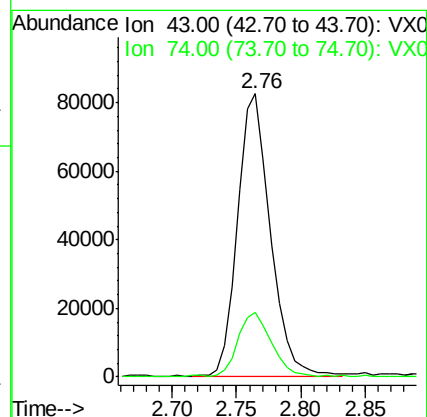
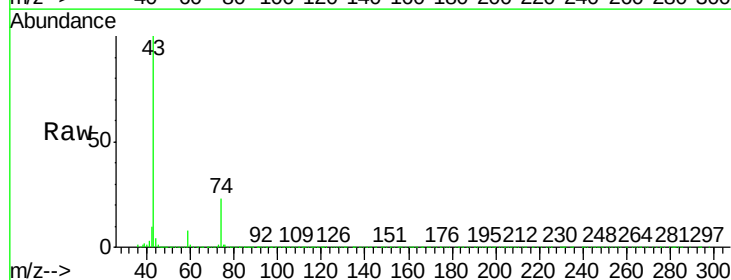
Acq: 31 Dec 2019 12:24

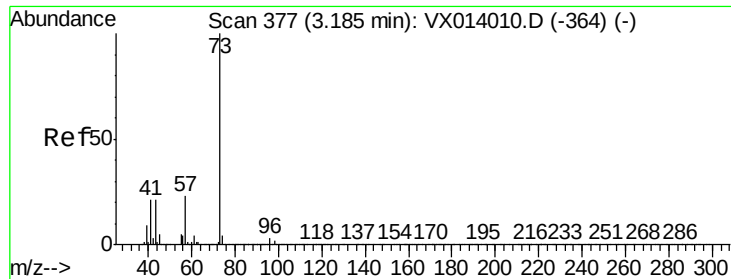
Tgt Ion: 43 Resp: 144647

Ion Ratio Lower Upper

43 100

74 23.8 19.5 29.3





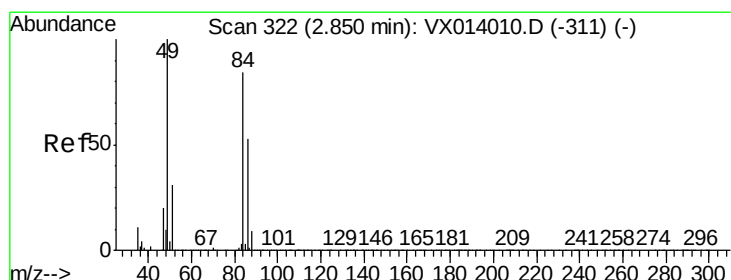
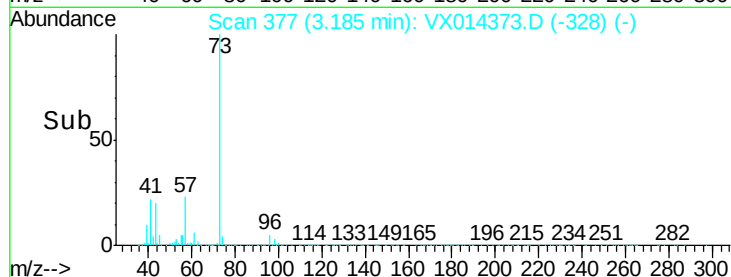
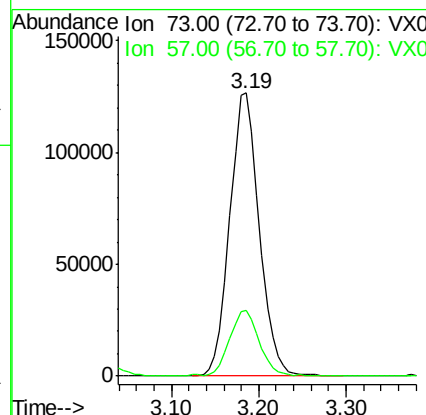
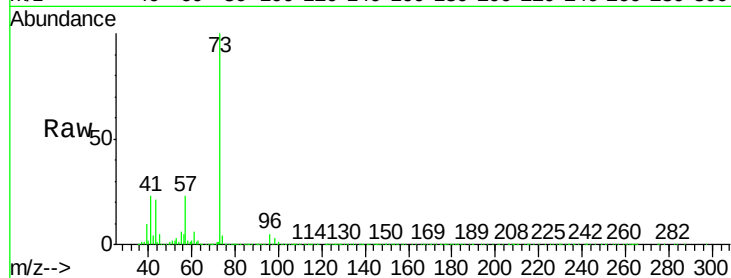
#19
Methyl tert-butyl Ether
Concen: 20.471 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX014373.D
Acq: 31 Dec 2019 12:24

Instrument :
MSVOA_X
ClientSampleId :
VX1231WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.0	18.8	28.2

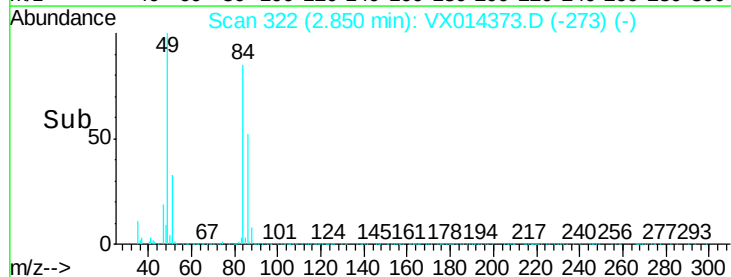
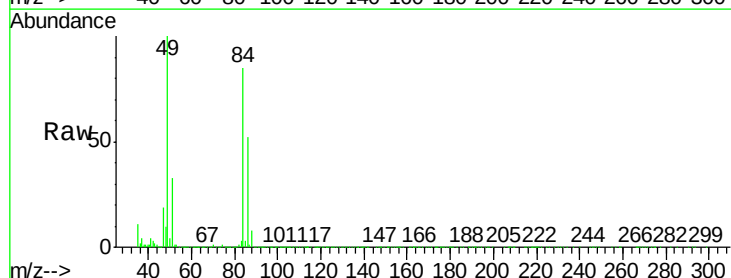
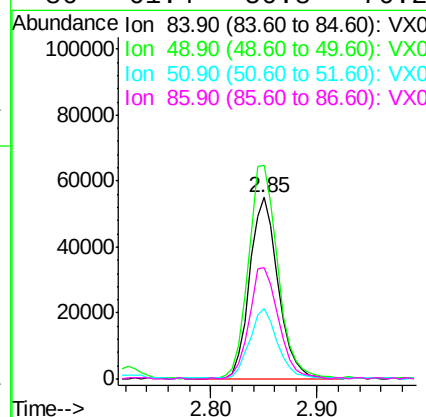
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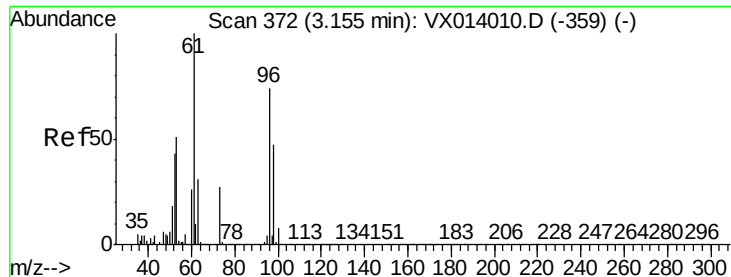
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#20
Methylene Chloride
Concen: 19.473 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014373.D
Acq: 31 Dec 2019 12:24

Tgt Ion	Ratio	Lower	Upper
84	100		
49	117.4	95.8	143.6
51	38.4	29.8	44.8
86	61.4	50.8	76.2





#21

trans-1,2-Dichloroethene

Concen: 18.536 ug/l

RT: 3.16 min Scan# 373

Delta R.T. 0.01 min

Lab File: VX014373.D

Acq: 31 Dec 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

VX1231WBS01

Tot Ion: 96 Resp: 89748

Ion Ratio Lower Upper

96 100

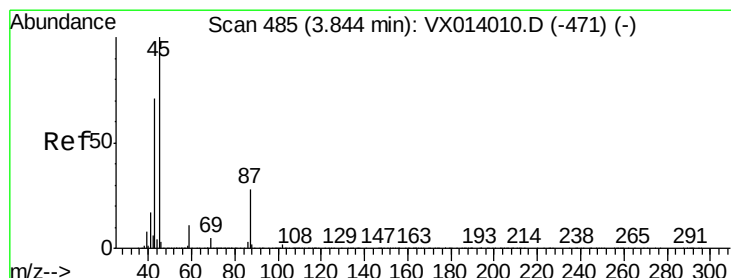
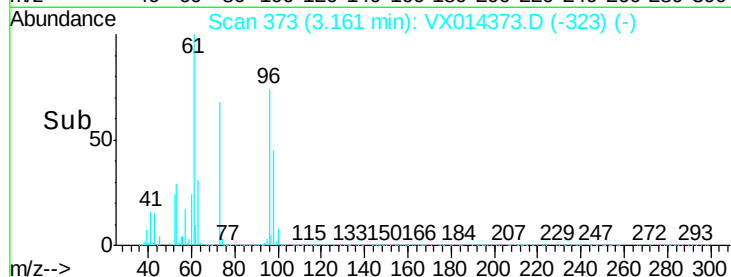
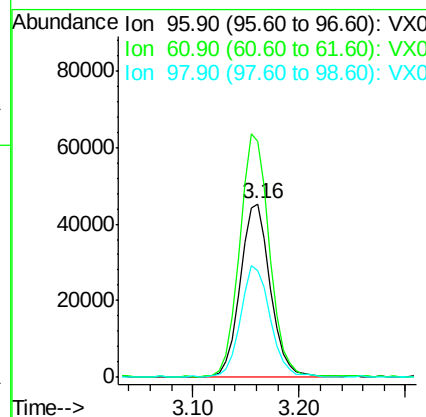
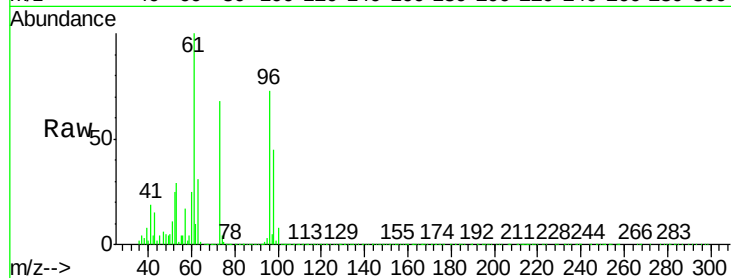
61 136.0 108.3 162.5

98 61.0 50.8 76.2

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#22

Diisopropyl ether

Concen: 21.253 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX014373.D

Acq: 31 Dec 2019 12:24

Tgt Ion: 45 Resp: 332331

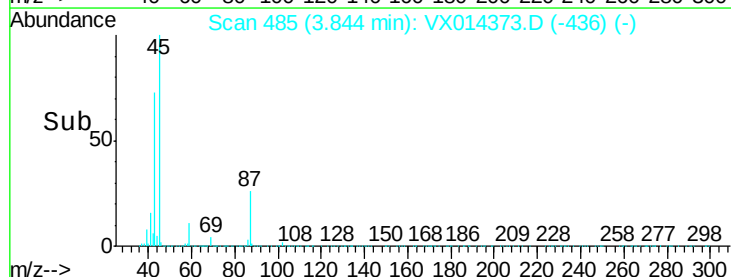
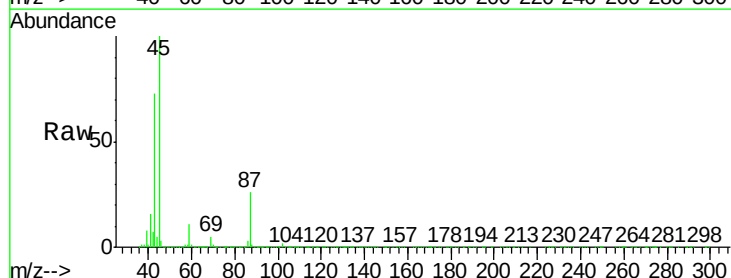
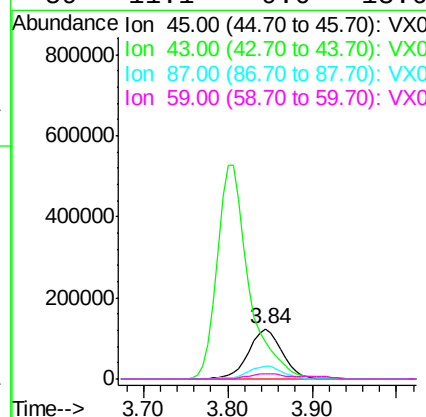
Ion Ratio Lower Upper

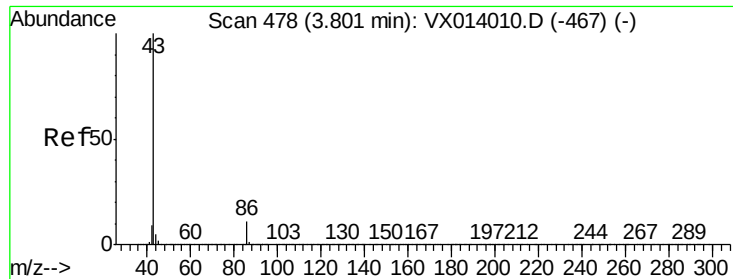
45 100

43 71.9 57.4 86.0

87 26.2 21.9 32.9

59 11.1 9.0 13.6





#23

Vinyl Acetate

Concen: 107.585 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014373.D

Acq: 31 Dec 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

VX1231WBS01

Tot Ion: 43 Resp: 1372853

Ion Ratio Lower Upper

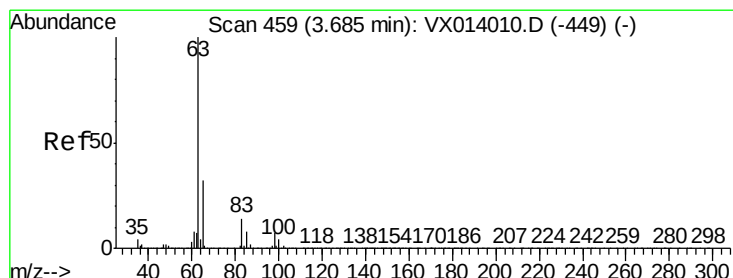
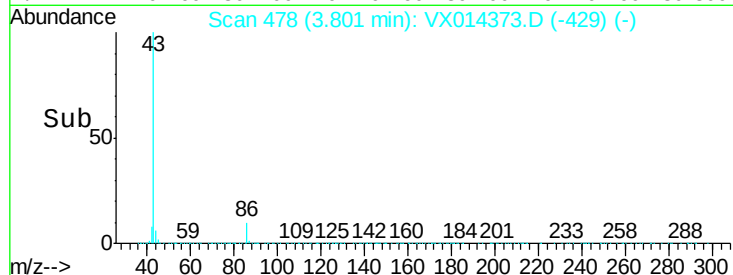
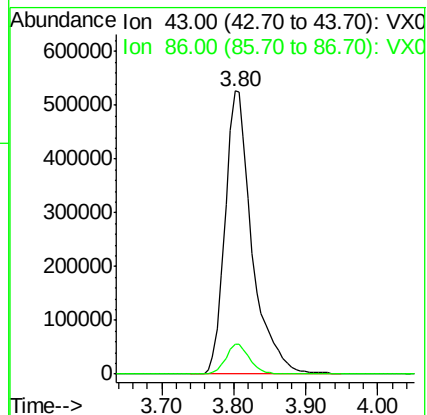
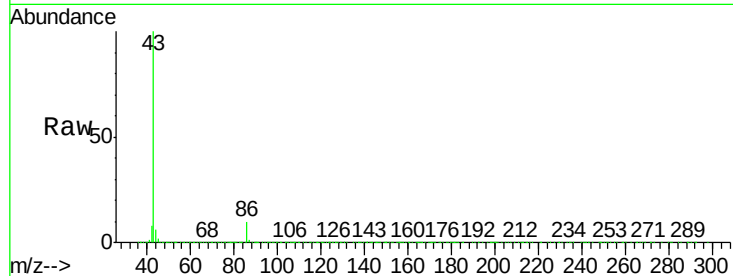
43 100

86 10.3 8.6 12.8

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#24

1,1-Dichloroethane

Concen: 20.070 ug/l

RT: 3.69 min Scan# 460

Delta R.T. 0.01 min

Lab File: VX014373.D

Acq: 31 Dec 2019 12:24

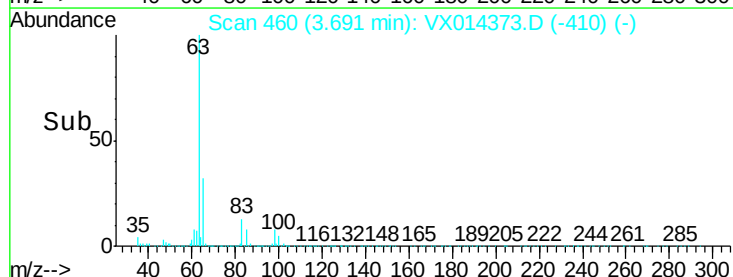
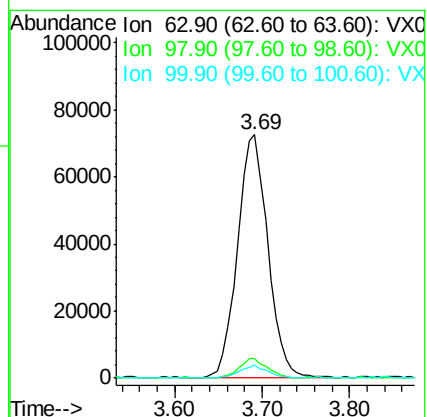
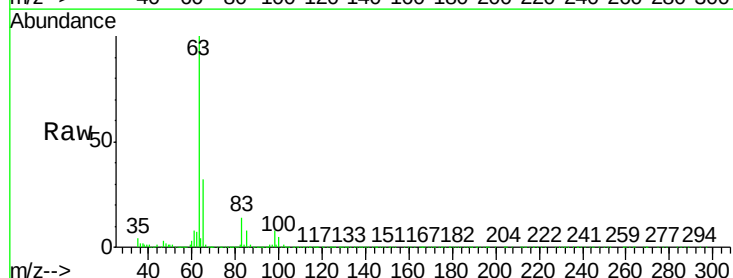
Tgt Ion: 63 Resp: 174604

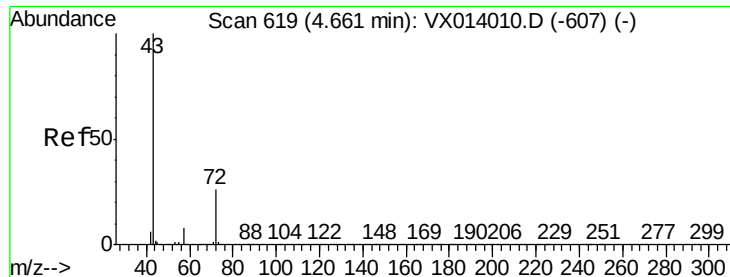
Ion Ratio Lower Upper

63 100

98 8.0 3.6 10.8

100 5.1 2.3 6.8





#25

2-Butanone

Concen: 102.674 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX014373.D

Acq: 31 Dec 2019 12:24

Tot Ion: 43 Resp: 425537

Ion Ratio Lower Upper

43 100

72 25.6 21.0 31.4

Instrument :

MSVOA_X

ClientSampleId :

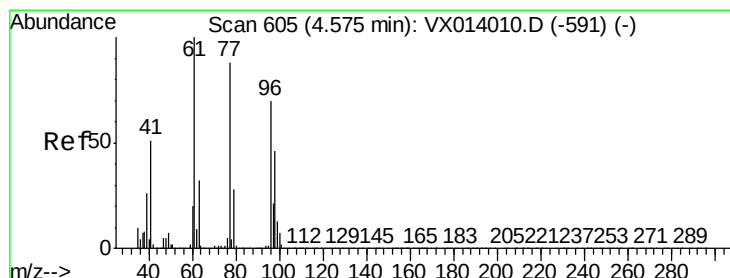
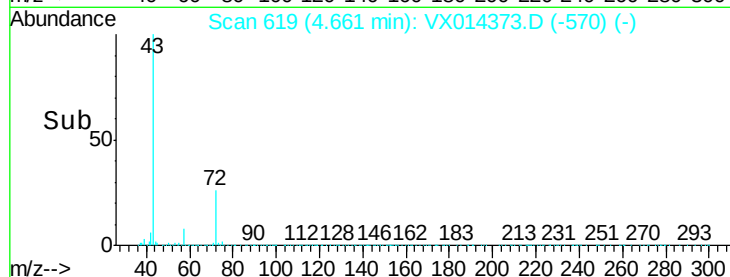
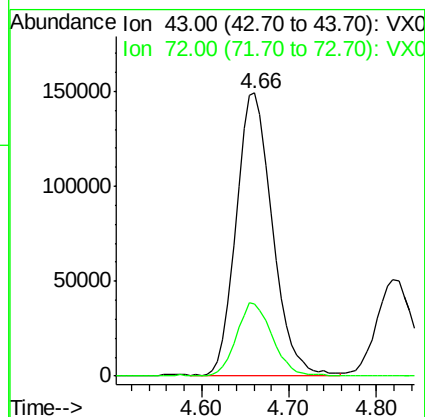
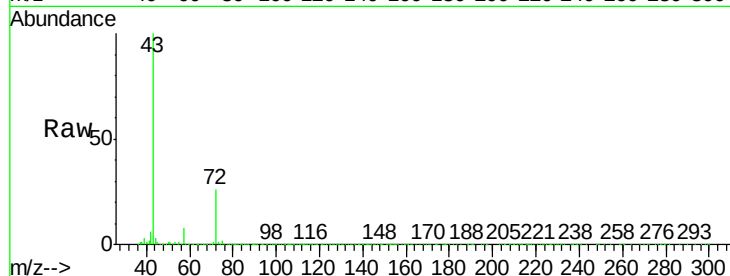
VX1231WBS01

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#26

2,2-Dichloropropane

Concen: 19.798 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014373.D

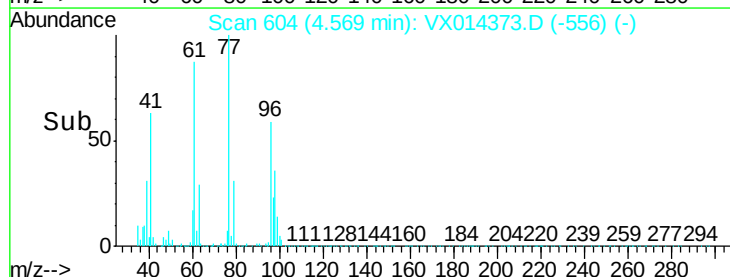
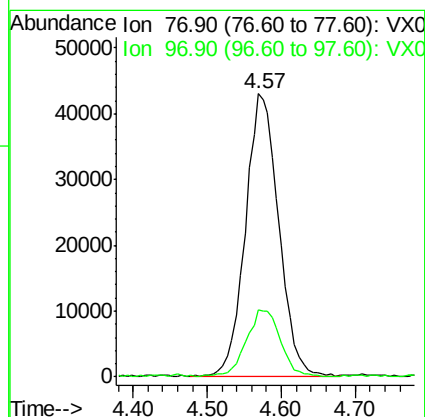
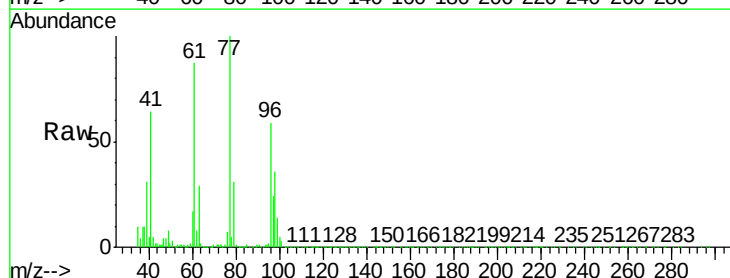
Acq: 31 Dec 2019 12:24

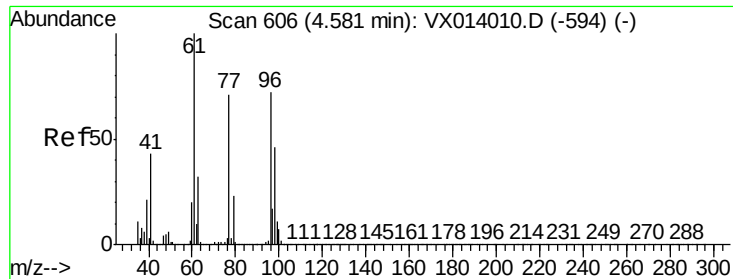
Tgt Ion: 77 Resp: 133729

Ion Ratio Lower Upper

77 100

97 24.5 11.9 35.9





#27

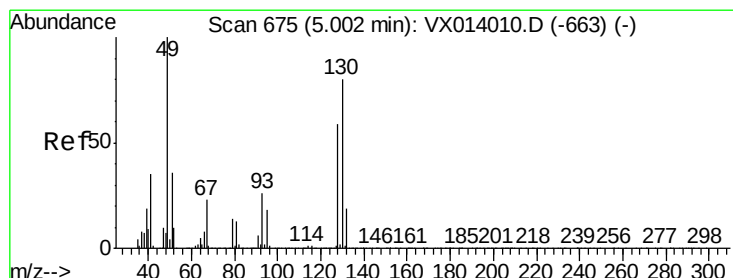
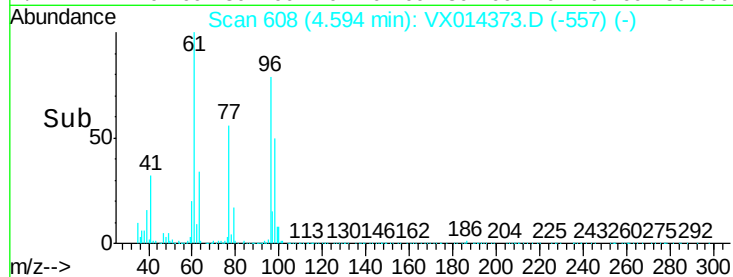
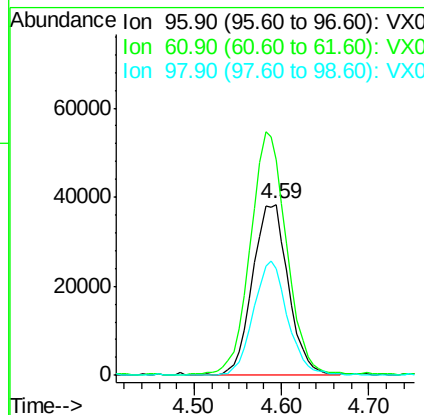
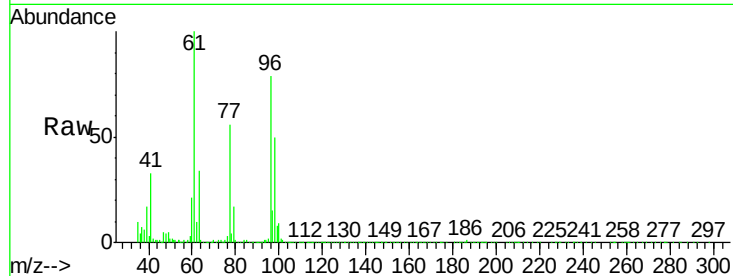
cis-1,2-Dichloroethene
 Concen: 19.810 ug/l
 RT: 4.59 min Scan# 608
 Delta R.T. 0.01 min
 Lab File: VX014373.D
 Acq: 31 Dec 2019 12:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1231WBS01

Tot Ion	Ratio	Resp Lower	Upper
96	100		
61	146.2	0.0	288.4
98	65.0	0.0	129.6

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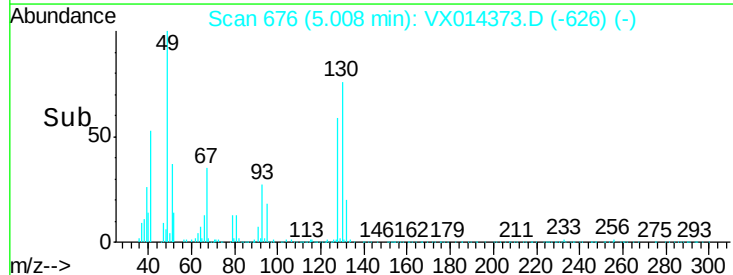
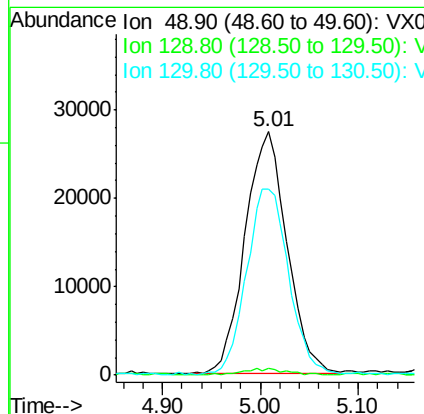
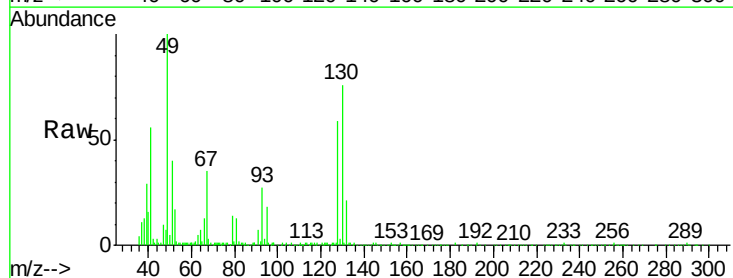
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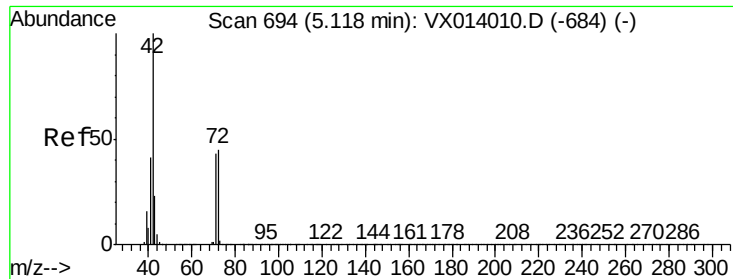


#28

Bromochloromethane
 Concen: 24.614 ug/l
 RT: 5.01 min Scan# 676
 Delta R.T. 0.01 min
 Lab File: VX014373.D
 Acq: 31 Dec 2019 12:24

Tgt Ion	Ratio	Resp Lower	Upper
49	100		
129	1.0	0.0	5.0
130	78.3	64.6	97.0





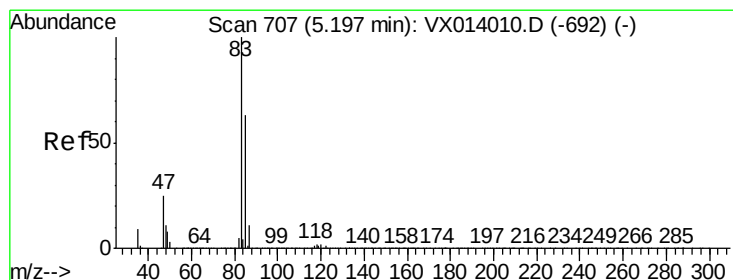
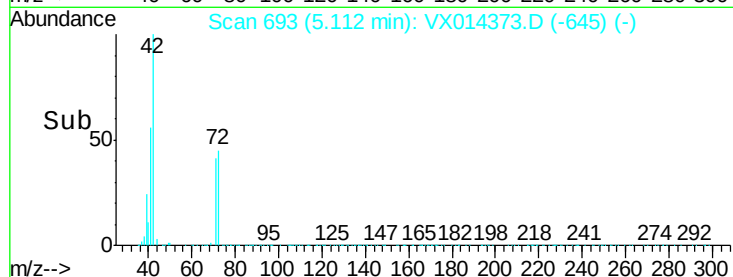
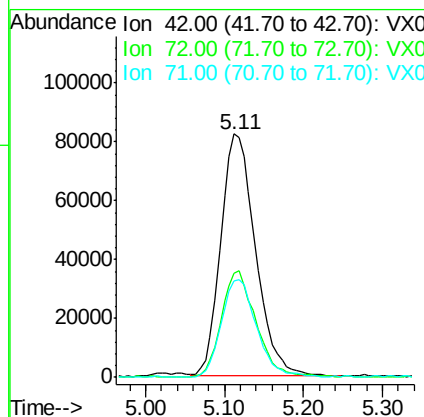
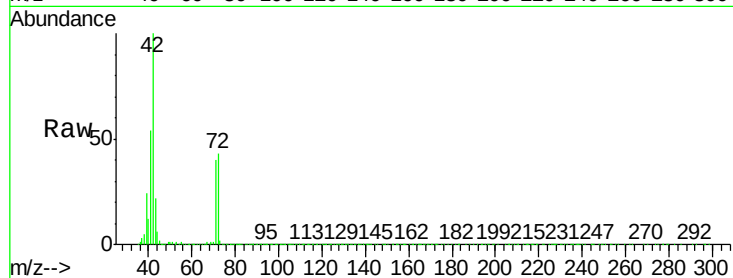
#29
Tetrahydrofuran
Concen: 109.034 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.01 min
Lab File: VX014373.D
Acq: 31 Dec 2019 12:24

Instrument :
MSVOA_X
ClientSampleId :
VX1231WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.0	35.8	53.8
71	40.4	33.6	50.4

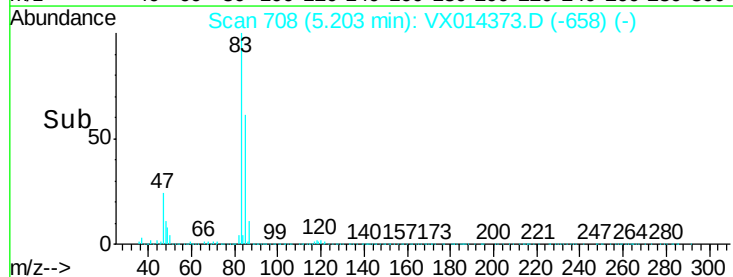
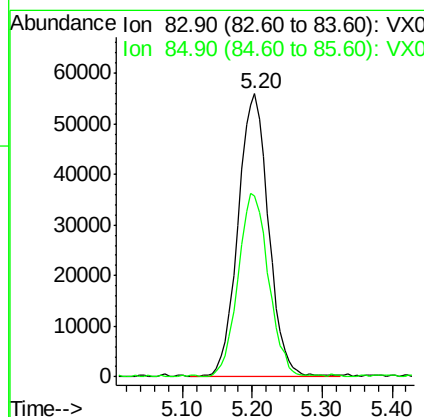
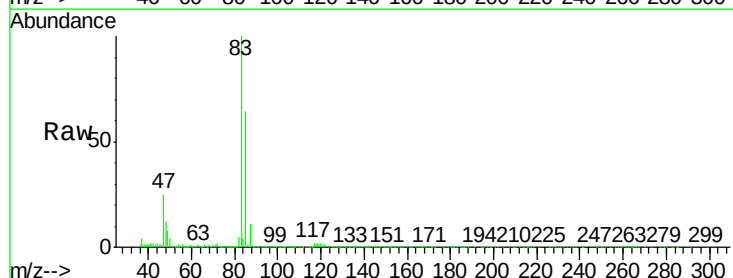
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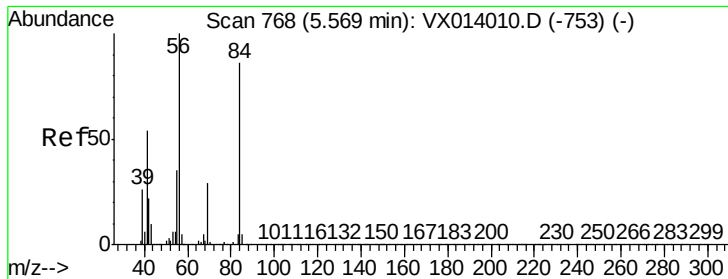
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#30
Chloroform
Concen: 20.430 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.01 min
Lab File: VX014373.D
Acq: 31 Dec 2019 12:24

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.5	50.8	76.2





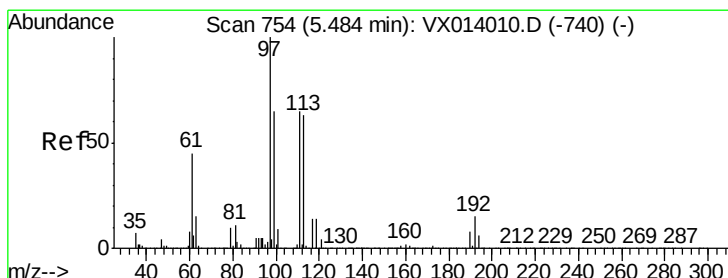
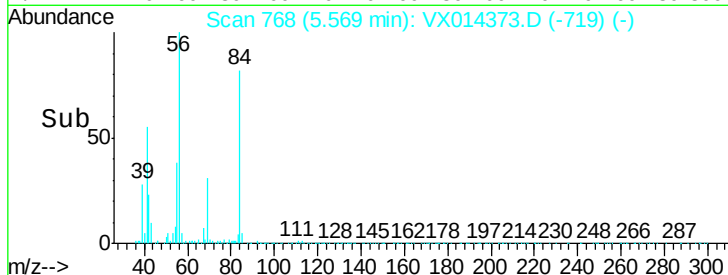
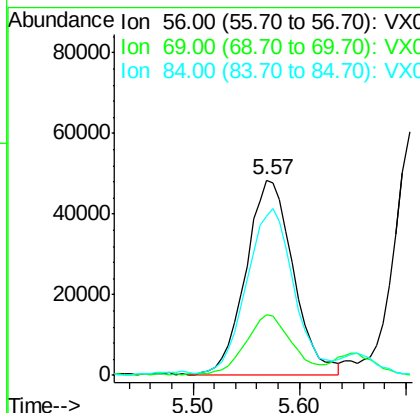
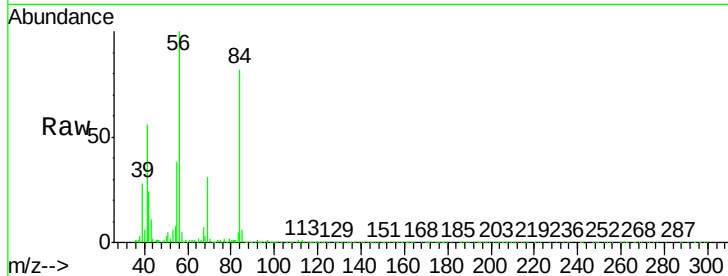
#31
Cyclohexane
Concen: 19.559 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX014373.D
Acq: 31 Dec 2019 12:24

Instrument :
MSVOA_X
ClientSampleId :
VX1231WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.1	23.2	34.8
84	79.9	69.2	103.8

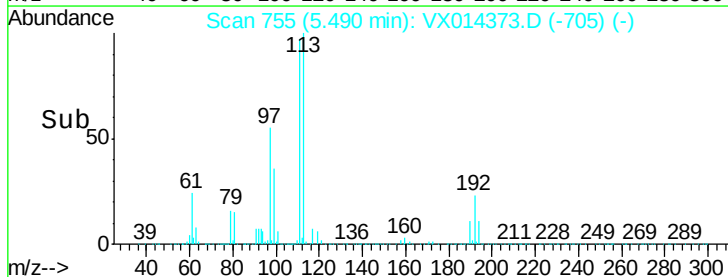
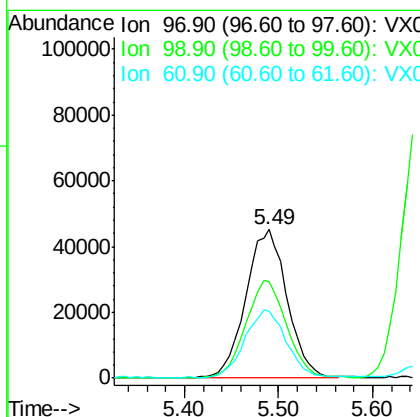
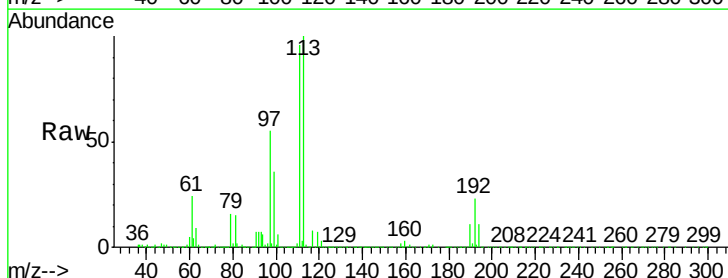
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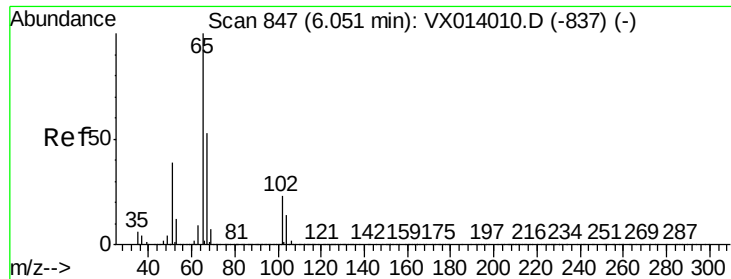
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#32
1,1,1-Trichloroethane
Concen: 19.524 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.01 min
Lab File: VX014373.D
Acq: 31 Dec 2019 12:24

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.4	52.0	78.0
61	46.3	36.7	55.1





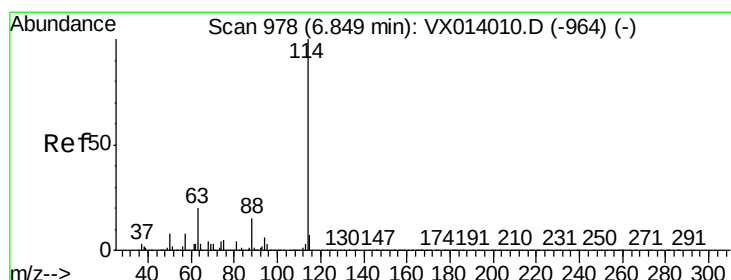
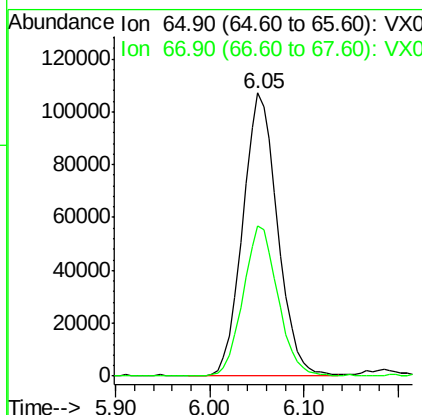
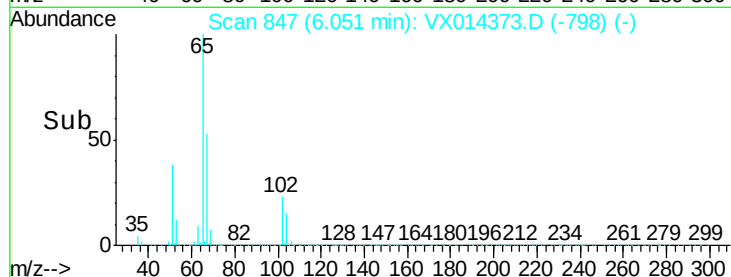
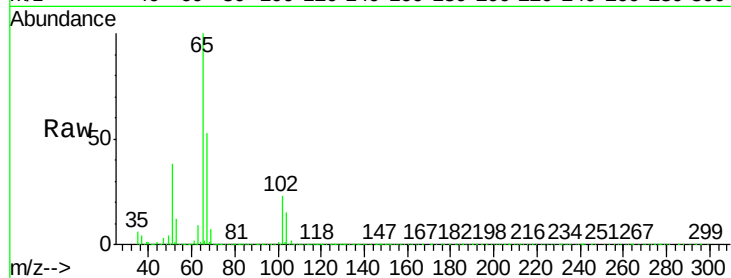
#33
 1,2-Dichloroethane-d4
 Concen: 53.123 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX014373.D
 Acq: 31 Dec 2019 12:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1231WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	275073		
67	52.8	0.0	106.4	

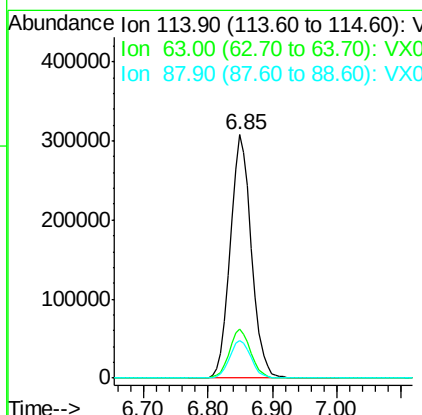
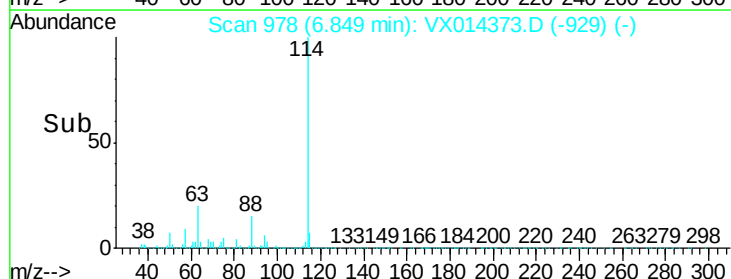
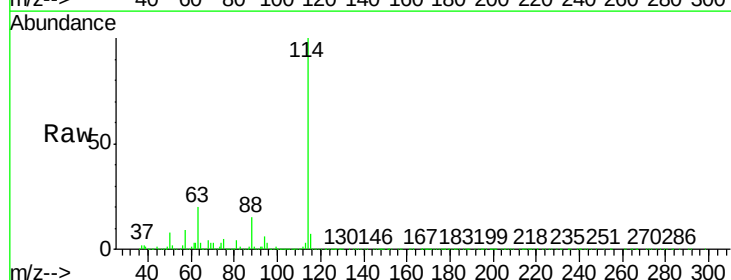
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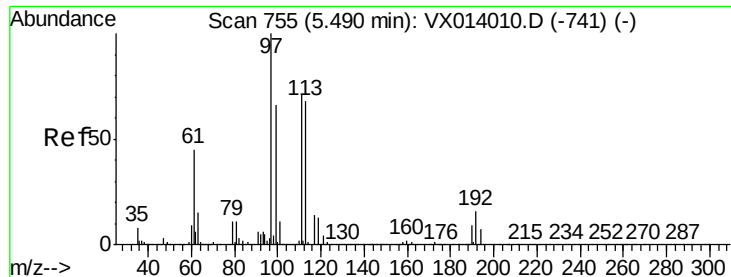
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014373.D
 Acq: 31 Dec 2019 12:24

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	711016		
63	19.9	0.0	40.8	
88	15.2	0.0	30.4	





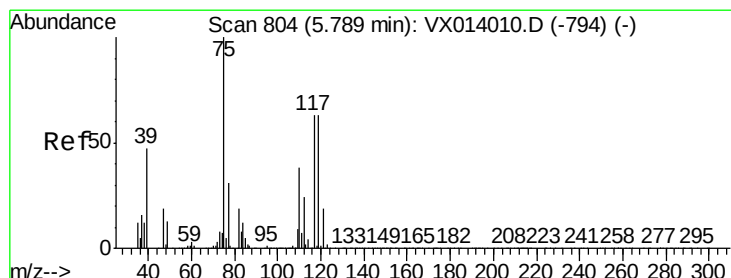
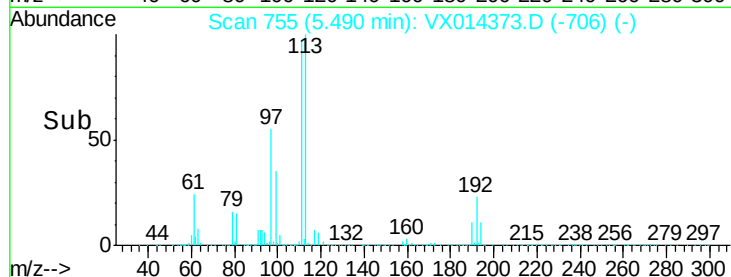
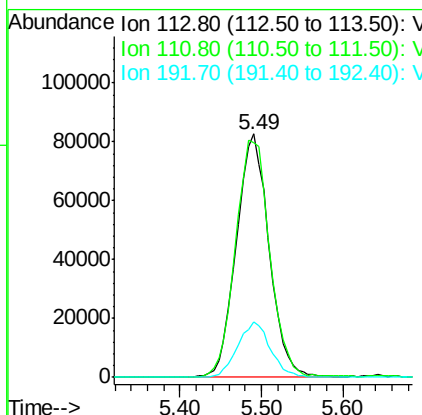
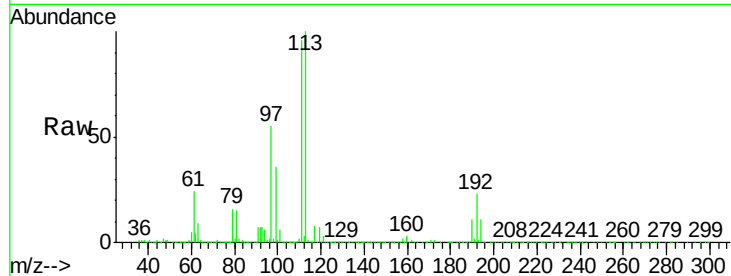
#35
 Dibromofluoromethane
 Concen: 53.171 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX014373.D
 Acq: 31 Dec 2019 12:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1231WBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.0	123.0
192	22.8	19.3	28.9

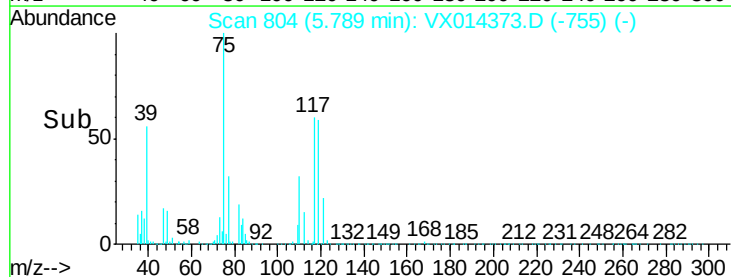
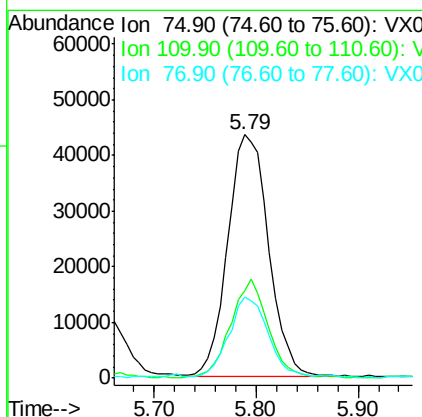
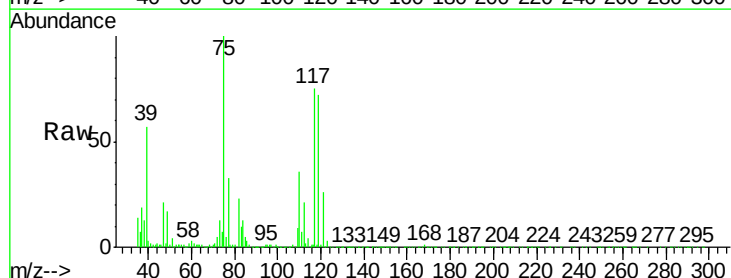
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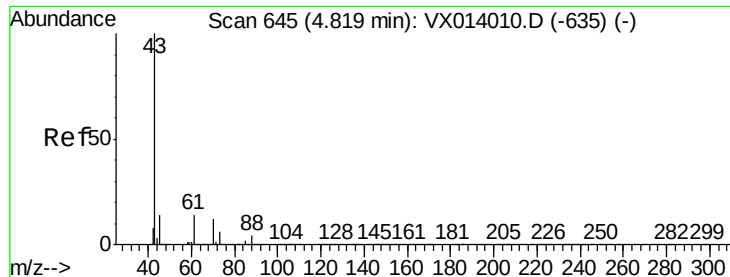
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#36
 1,1-Dichloropropene
 Concen: 18.445 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX014373.D
 Acq: 31 Dec 2019 12:24

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.7	18.3	54.9
77	30.9	24.8	37.2





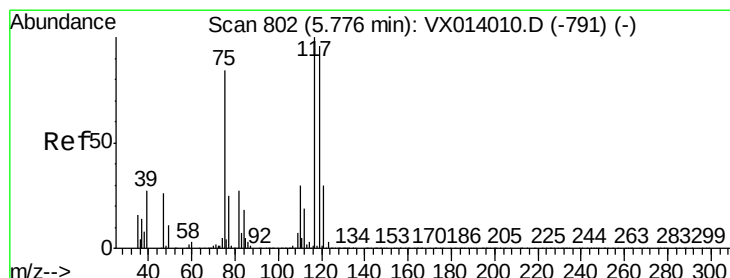
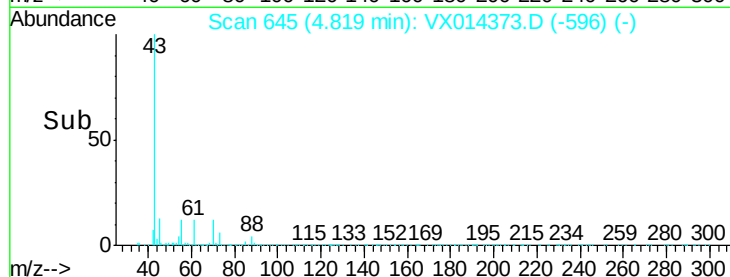
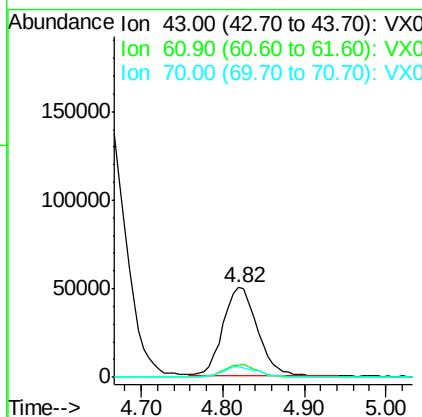
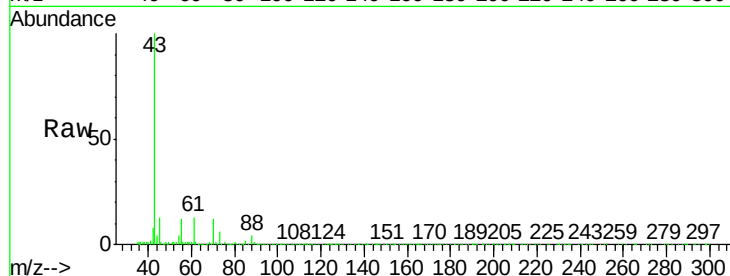
#37
Ethyl Acetate
Concen: 20.683 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX014373.D
Acq: 31 Dec 2019 12:24

Instrument :
MSVOA_X
ClientSampleId :
VX1231WBS01

Tot Ion	43	Resp	149010
Ion Ratio	Lower	Upper	
43	100		
61	13.3	10.8	16.2
70	11.7	8.6	12.8

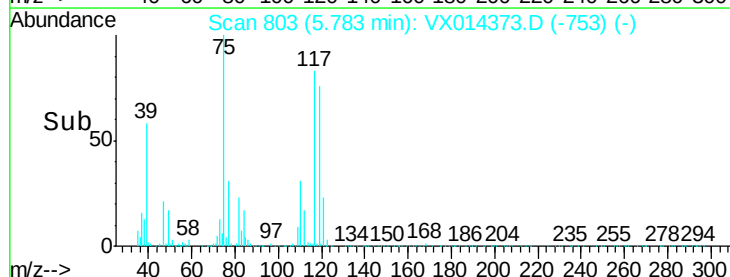
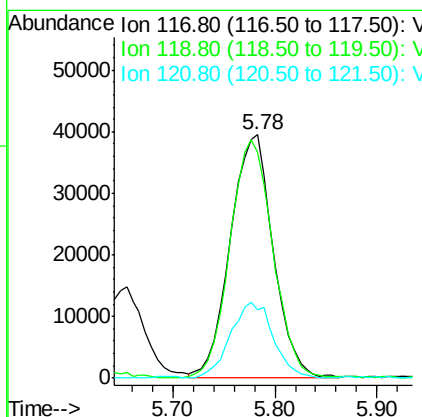
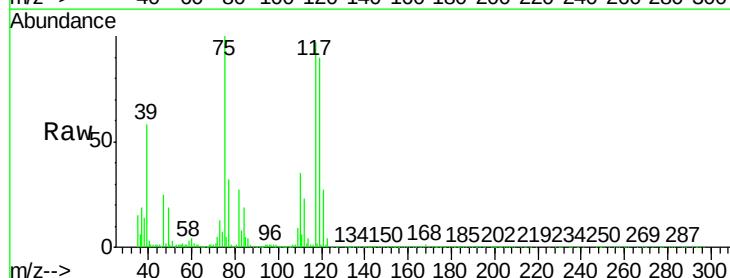
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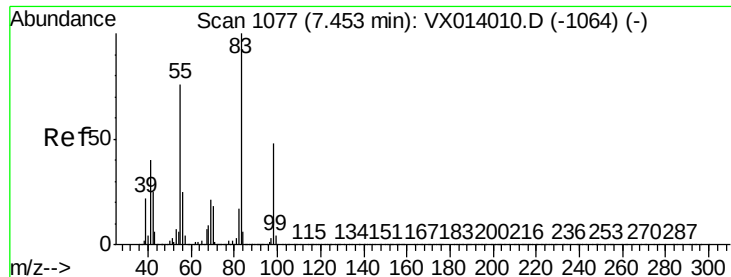
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#38
Carbon Tetrachloride
Concen: 19.223 ug/l
RT: 5.78 min Scan# 803
Delta R.T. 0.01 min
Lab File: VX014373.D
Acq: 31 Dec 2019 12:24

Tgt Ion	117	Resp	114248
Ion Ratio	Lower	Upper	
117	100		
119	92.7	76.2	114.4
121	27.7	23.6	35.4





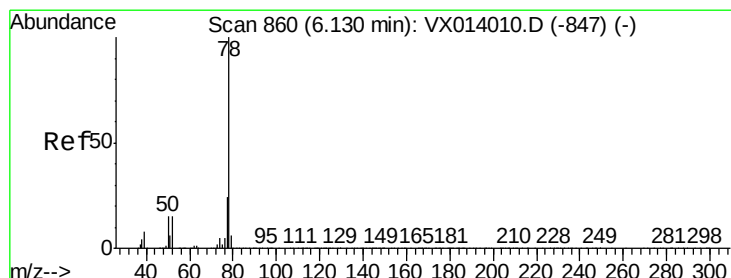
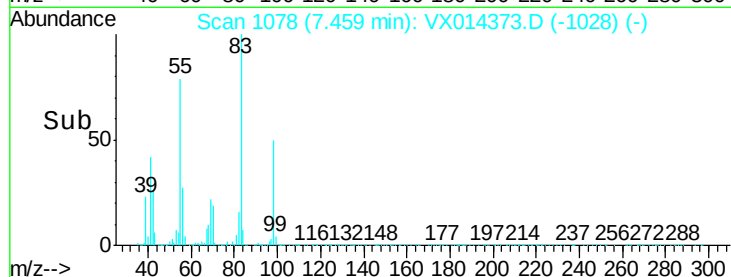
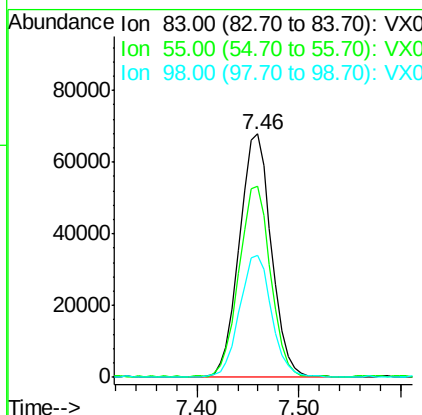
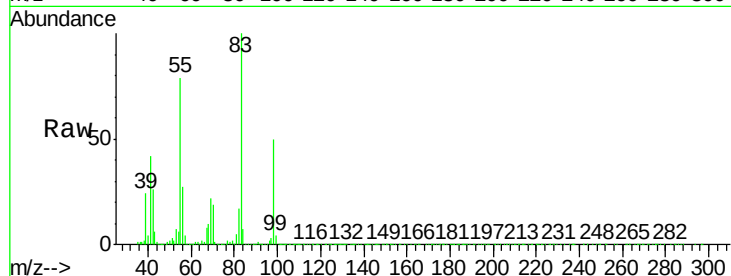
#39
Methylvlcyclohexane
Concen: 18.311 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX014373.D
Acq: 31 Dec 2019 12:24

Instrument :
MSVOA_X
ClientSampleId :
VX1231WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.6	61.0	91.6
98	50.0	38.6	57.8

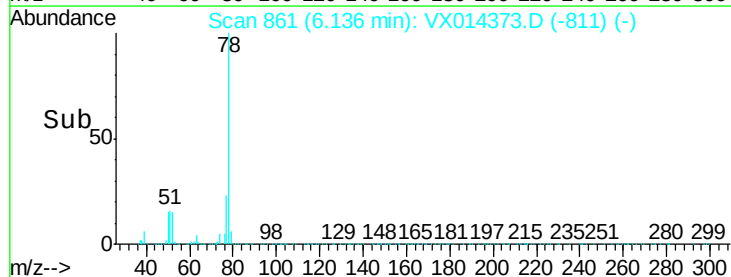
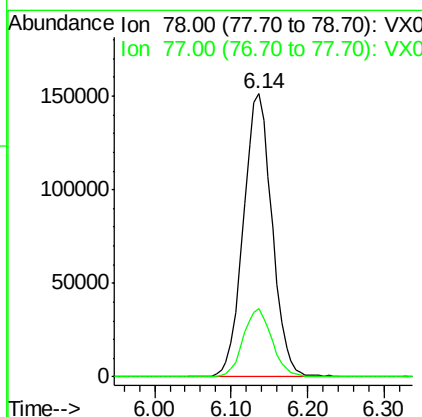
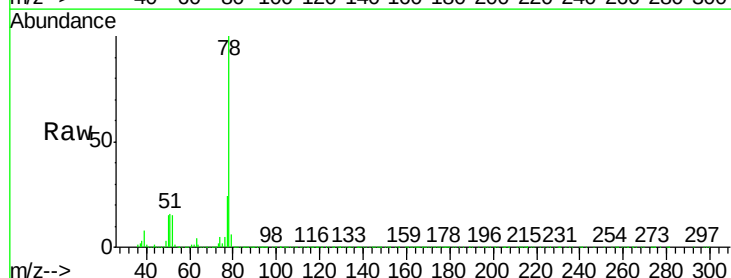
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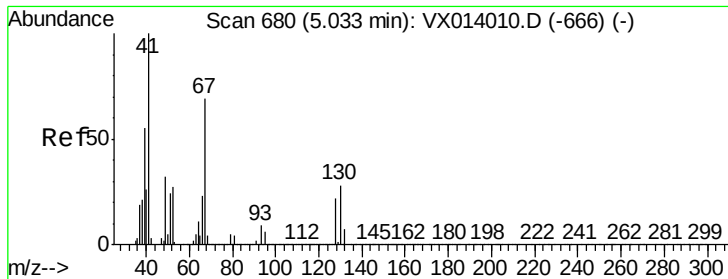
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#40
Benzene
Concen: 19.605 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX014373.D
Acq: 31 Dec 2019 12:24

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	18.8	28.2





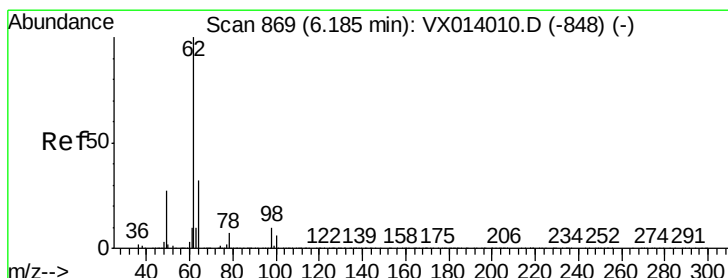
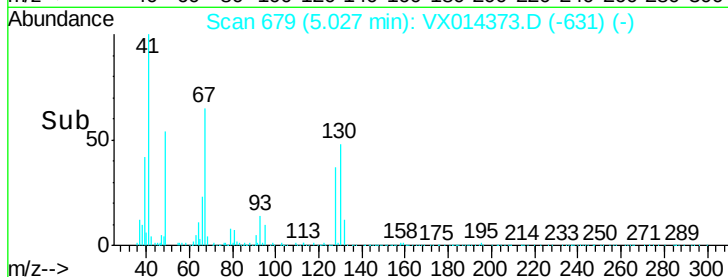
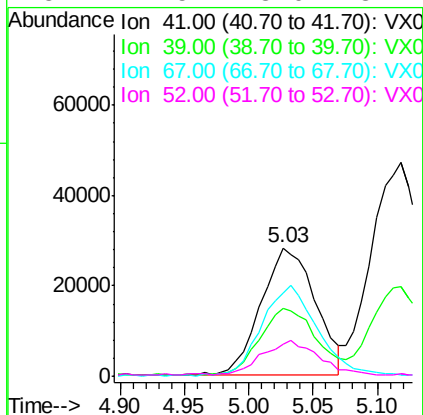
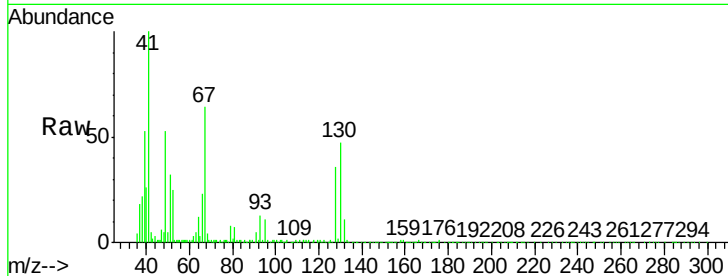
#41
Methacrylonitrile
Concen: 20.533 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX014373.D
Acq: 31 Dec 2019 12:24

Instrument :
MSVOA_X
ClientSampleId :
VX1231WBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	54.7	44.5	66.7
67	73.5	57.4	86.0
52	27.5	23.0	34.4

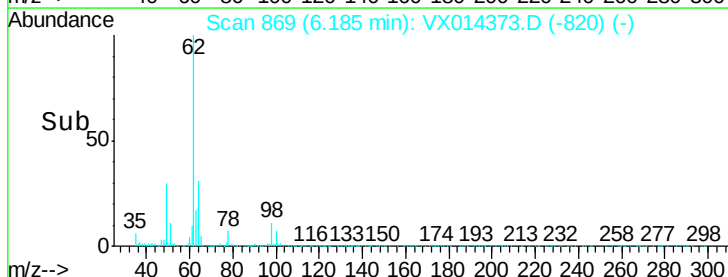
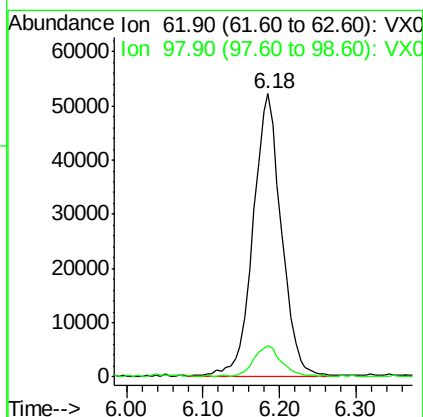
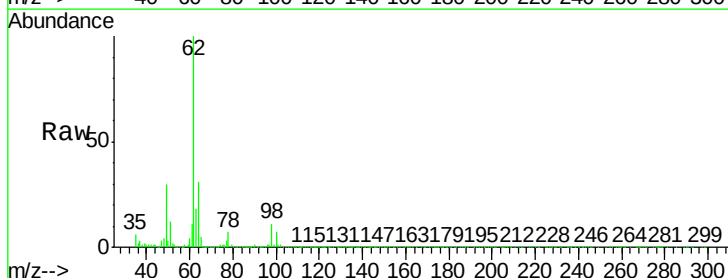
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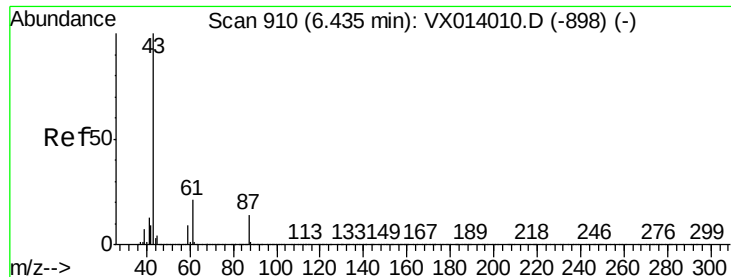
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#42
1,2-Dichloroethane
Concen: 19.735 ug/l
RT: 6.18 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX014373.D
Acq: 31 Dec 2019 12:24

Tgt Ion	Ratio	Lower	Upper
62	100		
98	11.2	0.0	21.0





#43

Isopropyl Acetate

Concen: 20.332 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX014373.D

Acq: 31 Dec 2019 12:24

Instrument :

MSVOA_X

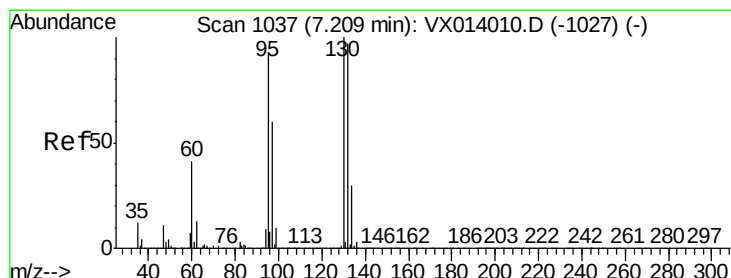
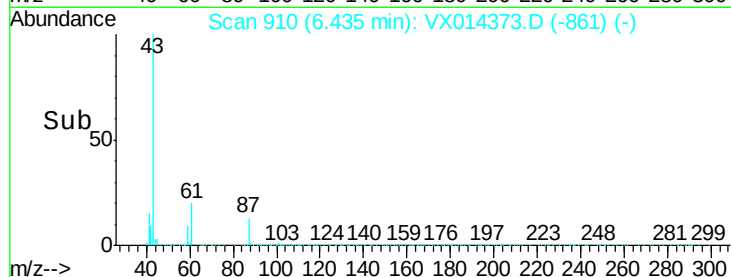
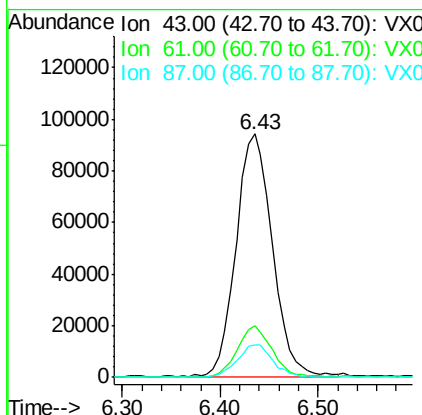
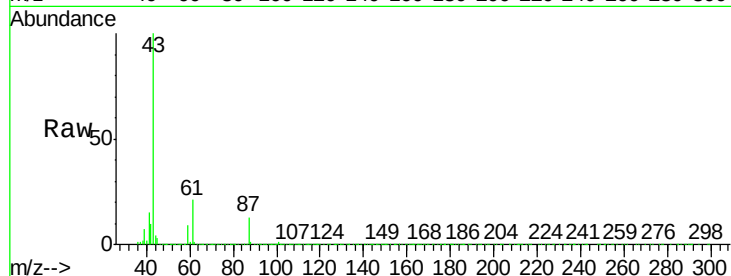
ClientSampleId :

VX1231WBS01

Tot Ion	43	Resp	242415
Ion Ratio	Lower	Upper	
43	100		
61	20.0	16.4	24.6
87	13.0	10.7	16.1

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#44

Trichloroethene

Concen: 18.887 ug/l

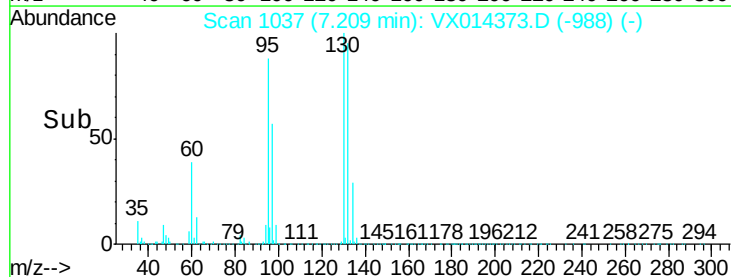
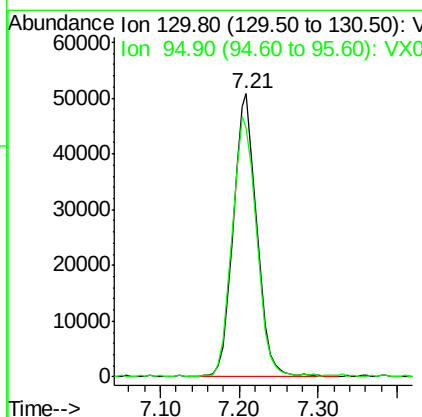
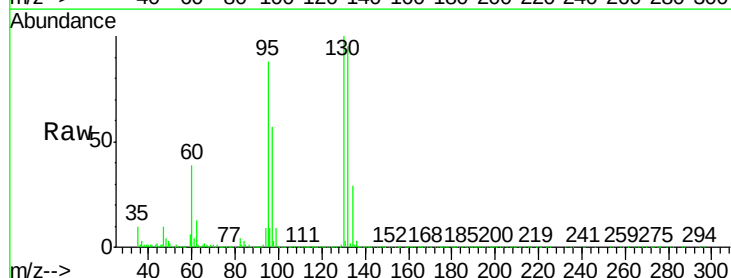
RT: 7.21 min Scan# 1037

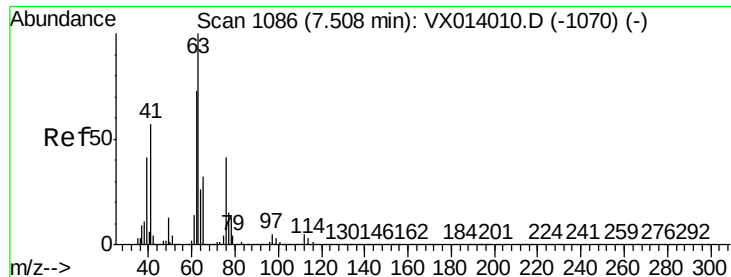
Delta R.T. 0.00 min

Lab File: VX014373.D

Acq: 31 Dec 2019 12:24

Tgt Ion	130	Resp	104716
Ion Ratio	Lower	Upper	
130	100		
95	87.8	0.0	185.6





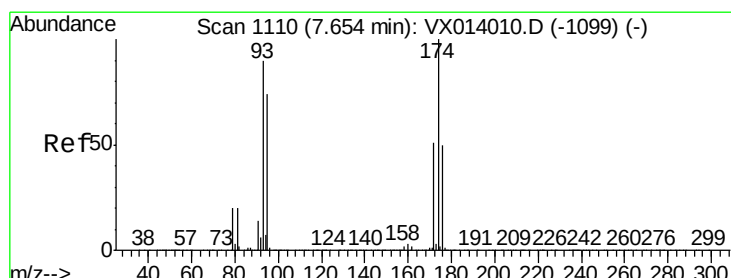
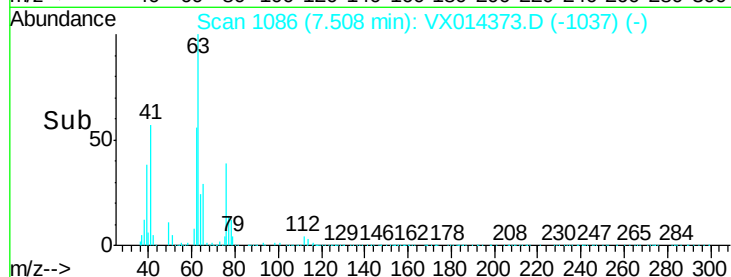
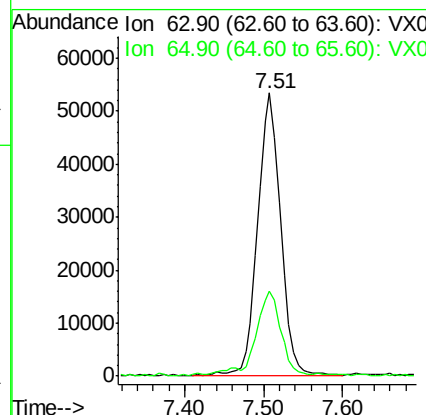
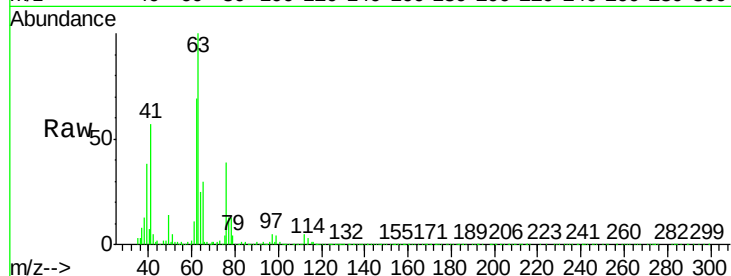
#45
 1,2-Dichloropropane
 Concen: 21.237 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX014373.D
 Acq: 31 Dec 2019 12:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1231WBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.5	25.8	38.8

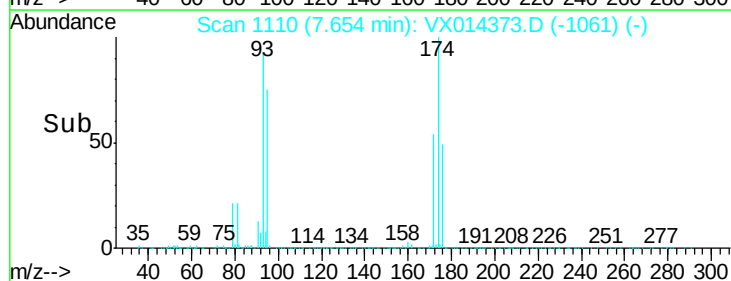
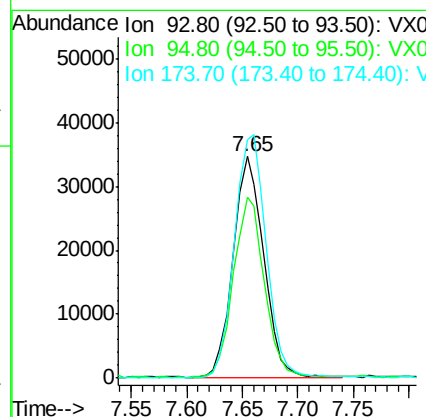
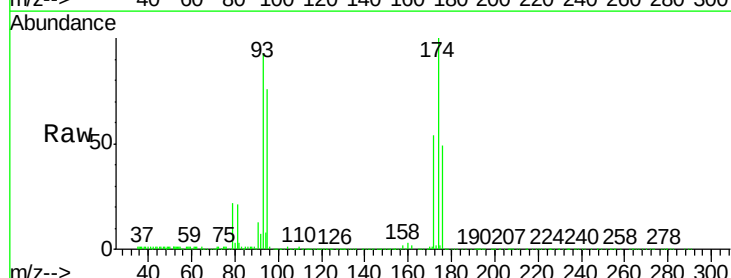
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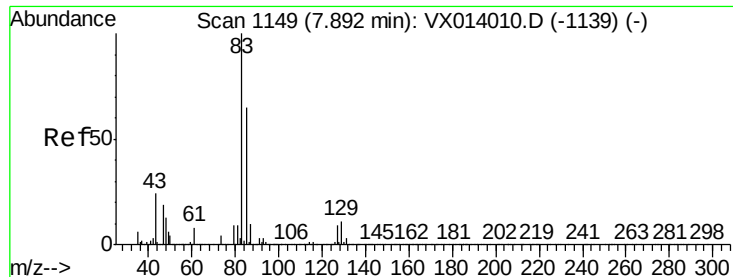
apatel
 1/2/2020 9:54:13 AM



#46
 Dibromomethane
 Concen: 19.658 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX014373.D
 Acq: 31 Dec 2019 12:24

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.8	67.3	100.9
174	112.7	91.6	137.4





#47

Bromodichloromethane

Concen: 19.794 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014373.D

Acq: 31 Dec 2019 12:24

Instrument :

MSVOA_X

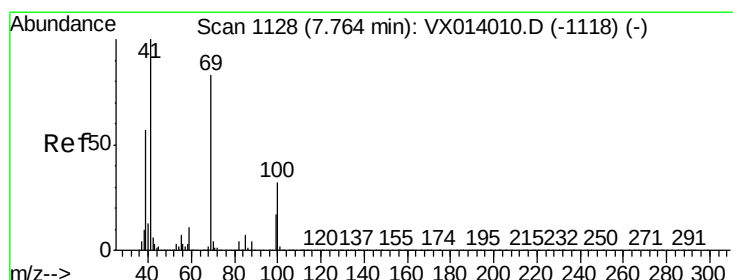
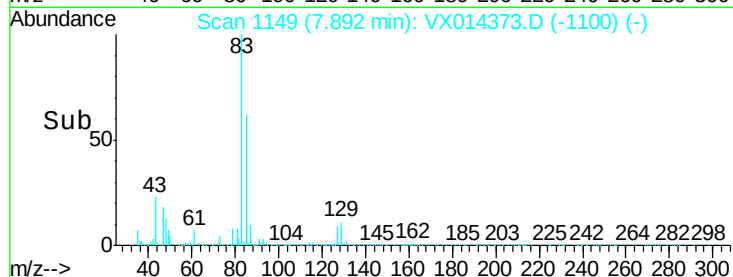
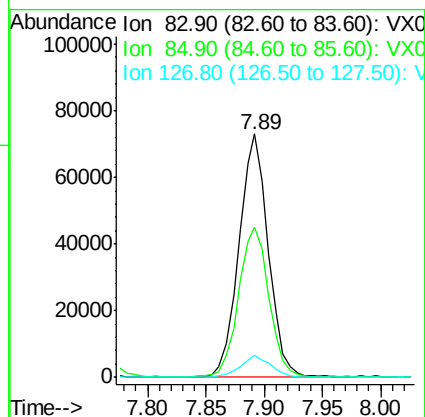
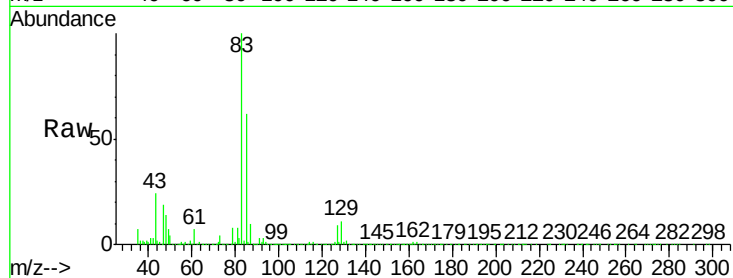
ClientSampleId :

VX1231WBS01

Tot Ion:	83	Resp:	126808
Ion Ratio	Lower	Upper	
83	100		
85	61.6	51.8	77.8
127	9.3	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 19.757 ug/l

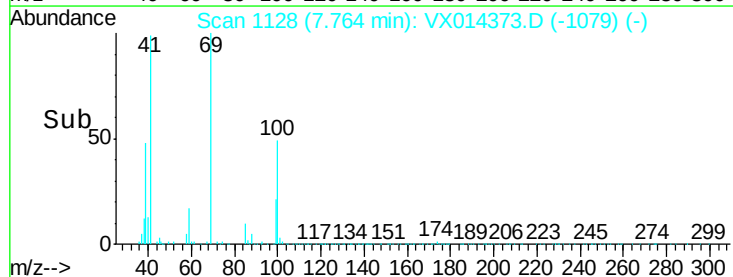
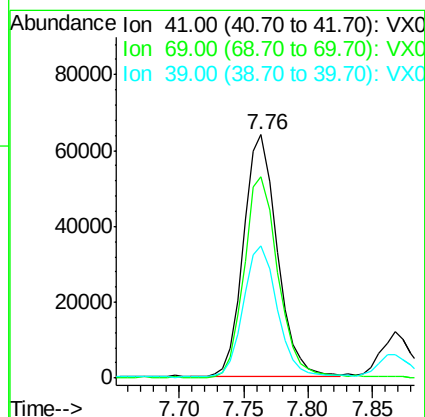
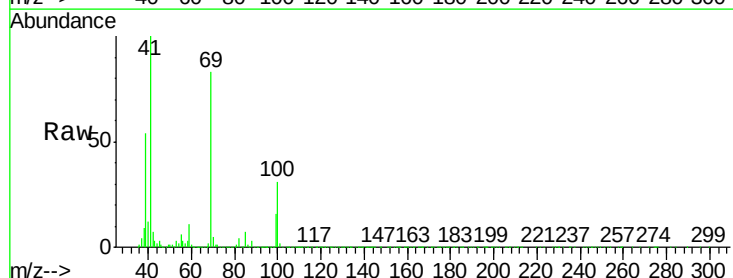
RT: 7.76 min Scan# 1128

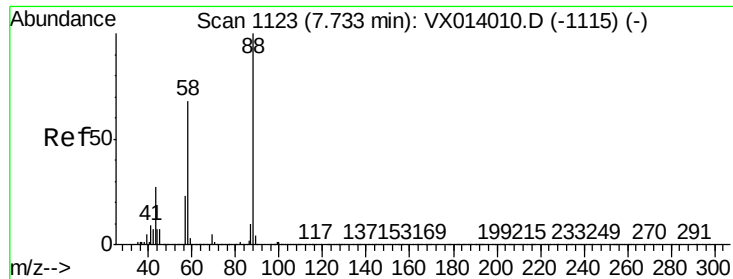
Delta R.T. 0.00 min

Lab File: VX014373.D

Acq: 31 Dec 2019 12:24

Tgt Ion:	41	Resp:	115345
Ion Ratio	Lower	Upper	
41	100		
69	84.3	65.8	98.6
39	55.7	44.6	67.0





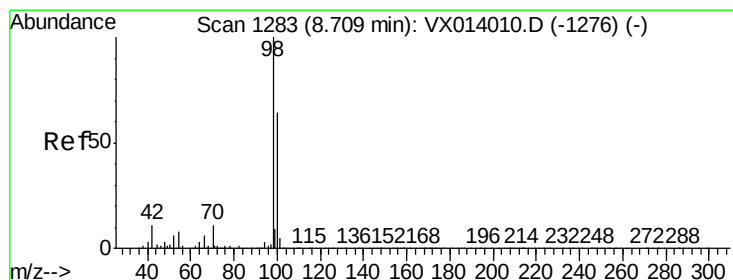
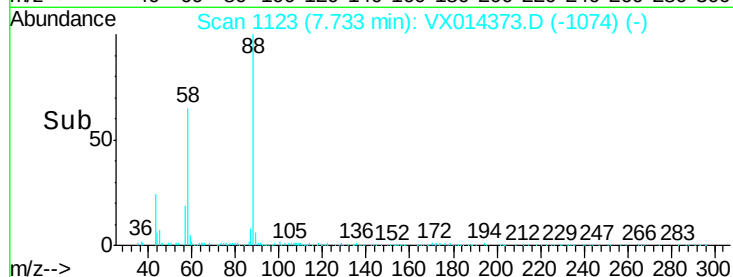
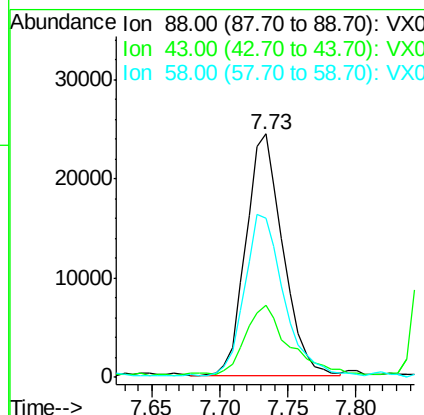
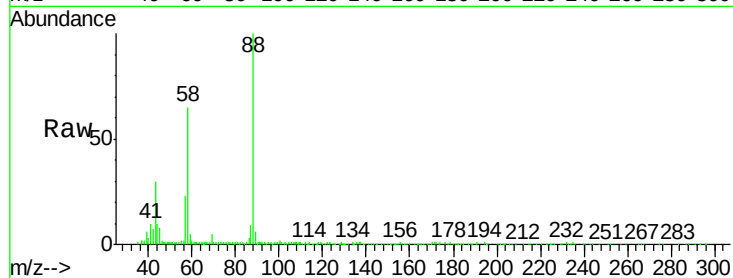
#49
1,4-Dioxane
Concen: 392.981 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX014373.D
Acq: 31 Dec 2019 12:24

Instrument :
MSVOA_X
ClientSampleId :
VX1231WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.9	26.5	39.7
58	70.4	56.8	85.2

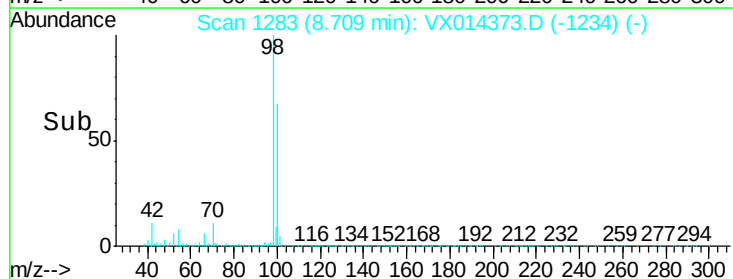
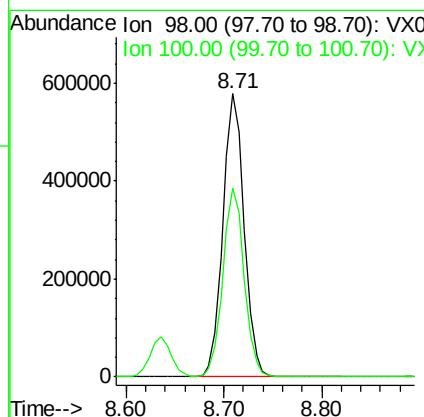
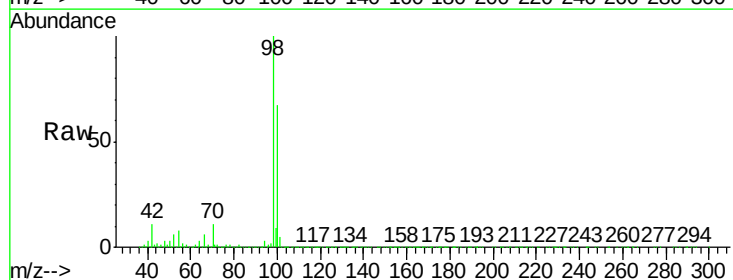
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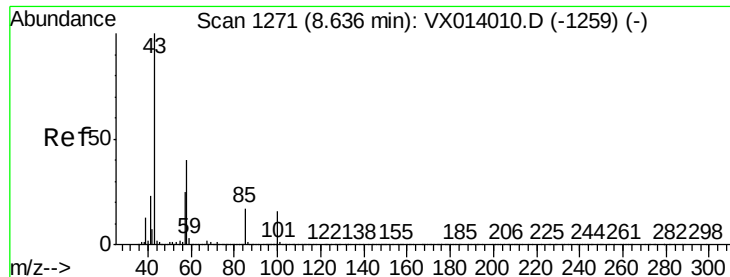
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#50
Toluene-d8
Concen: 51.876 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014373.D
Acq: 31 Dec 2019 12:24

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.4	52.9	79.3





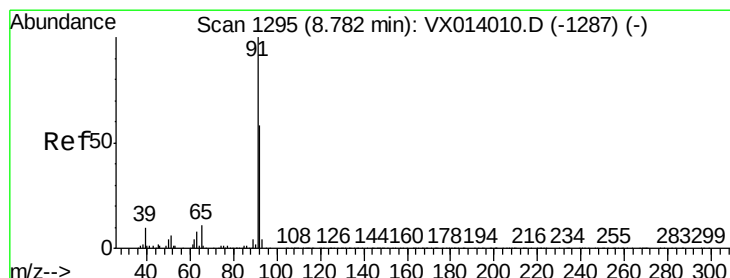
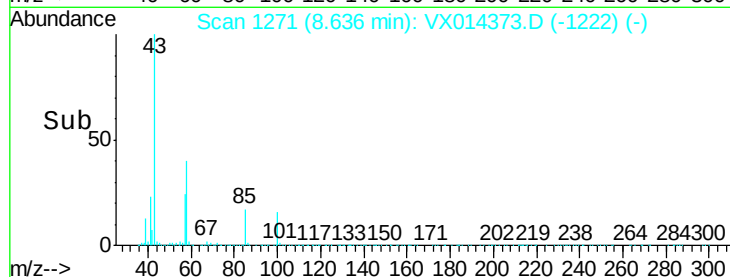
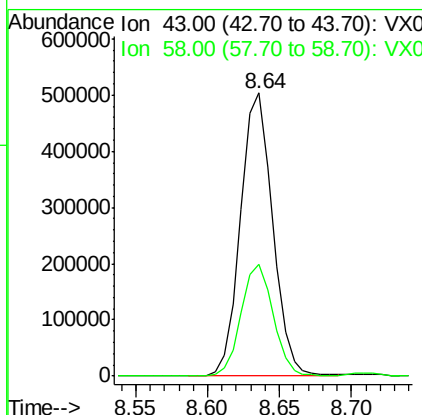
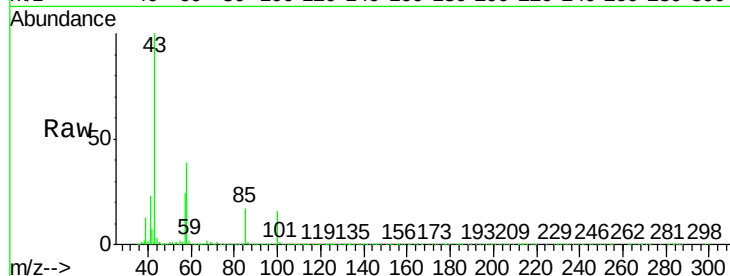
#51
4-Methyl-2-Pentanone
Concen: 104.295 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX014373.D
Acq: 31 Dec 2019 12:24

Instrument :
MSVOA_X
ClientSampleId :
VX1231WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	39.2	32.2	48.2

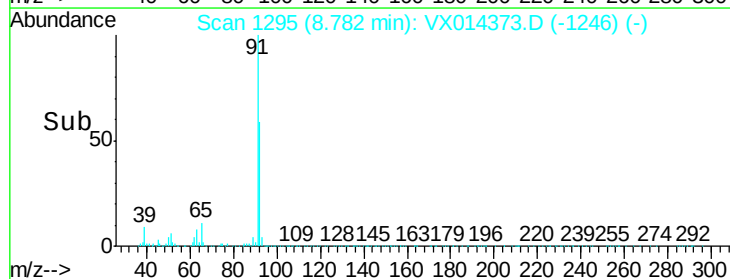
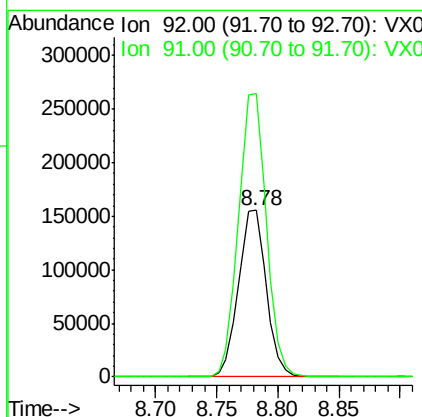
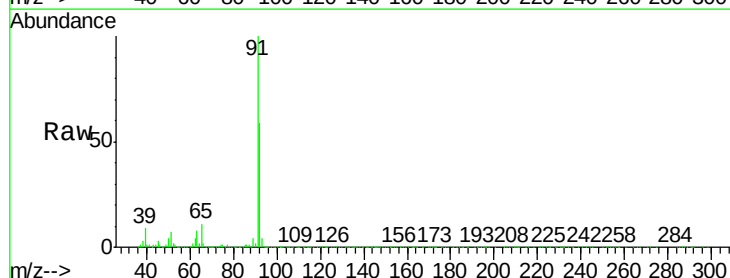
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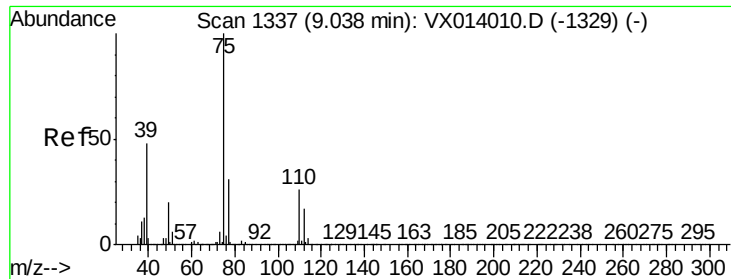
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#52
Toluene
Concen: 19.264 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VX014373.D
Acq: 31 Dec 2019 12:24

Tgt Ion	Ratio	Lower	Upper
92	100		
91	170.6	136.2	204.4





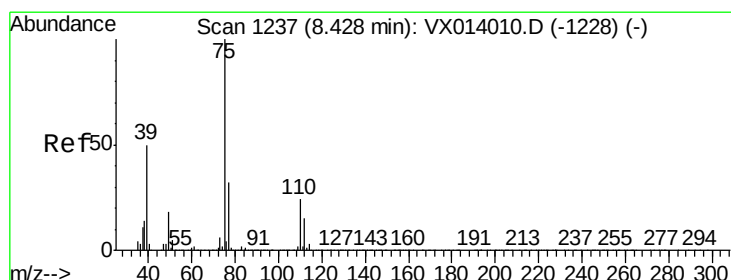
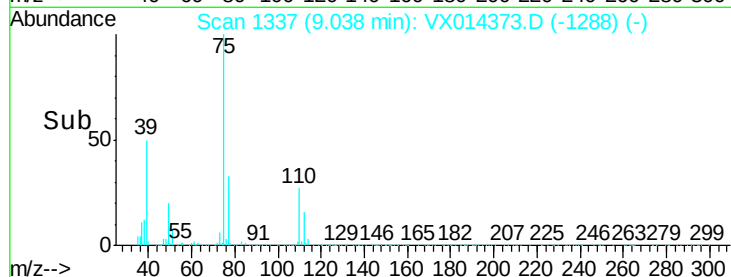
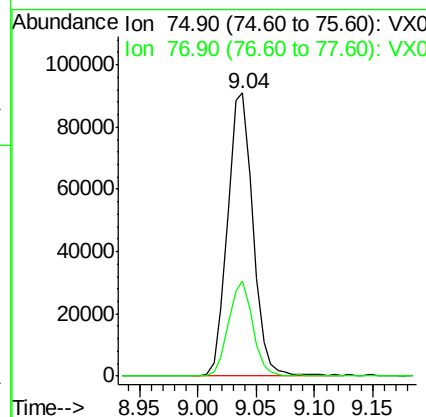
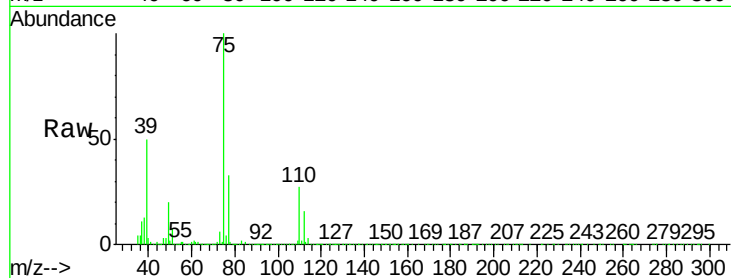
#53
t-1,3-Dichloropropene
Concen: 19.379 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX014373.D
Acq: 31 Dec 2019 12:24

Instrument :
MSVOA_X
ClientSampled :
VX1231WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	33.4	25.1	37.7

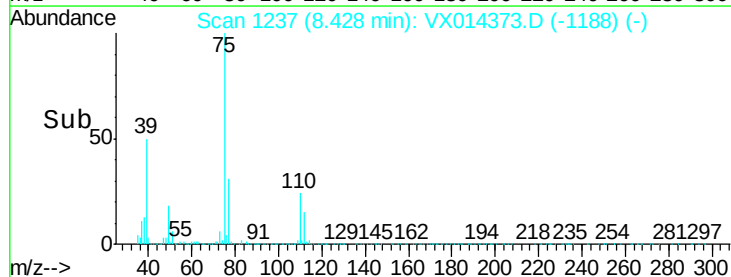
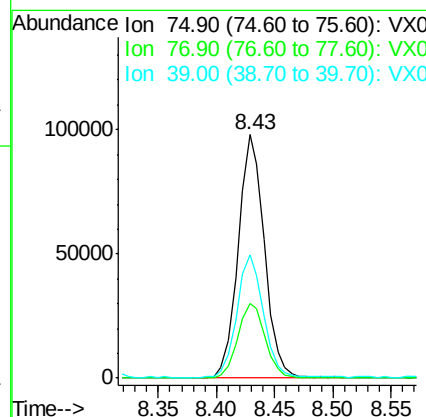
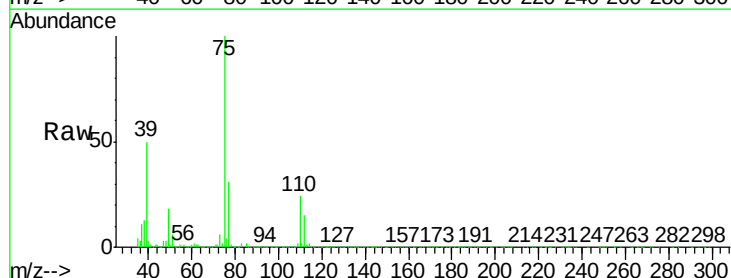
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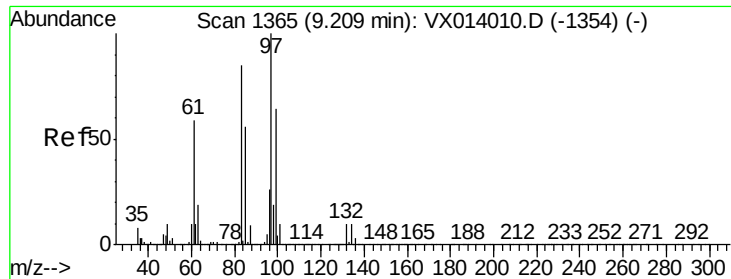
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#54
cis-1,3-Dichloropropene
Concen: 19.750 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014373.D
Acq: 31 Dec 2019 12:24

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.7	25.3	37.9
39	50.1	39.9	59.9





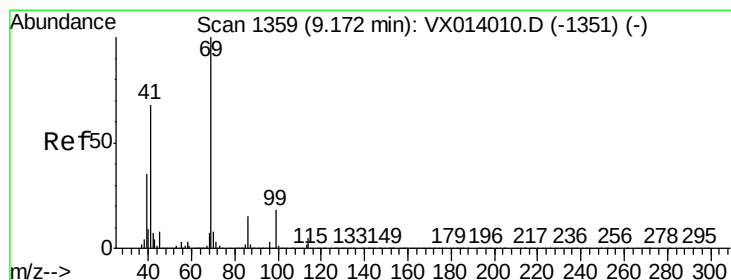
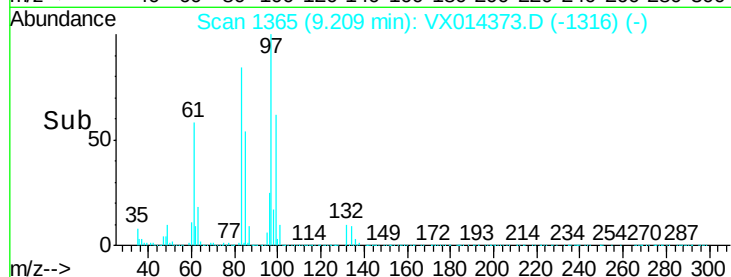
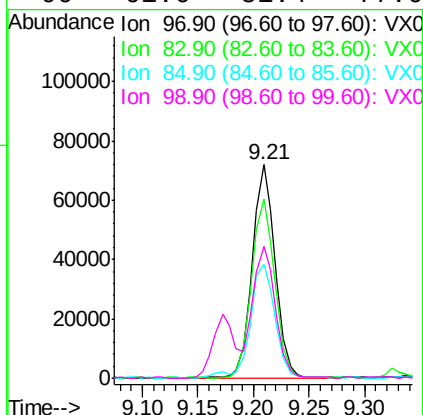
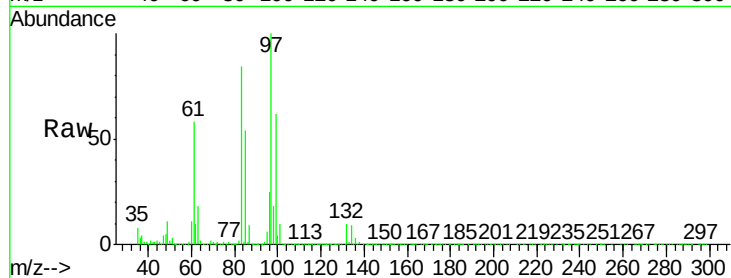
#55
 1,1,2-Trichloroethane
 Concen: 20.240 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014373.D
 Acq: 31 Dec 2019 12:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1231WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		102926		
83	83.6	68.2	102.4		
85	53.5	44.6	66.8		
99	61.6	51.4	77.0		

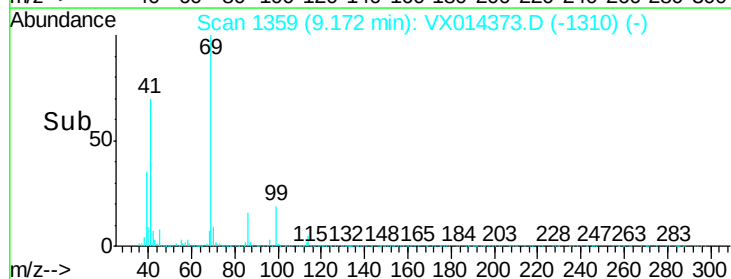
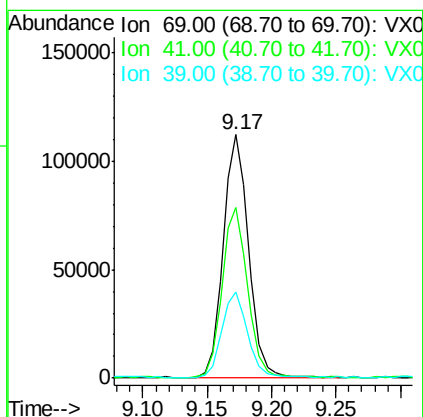
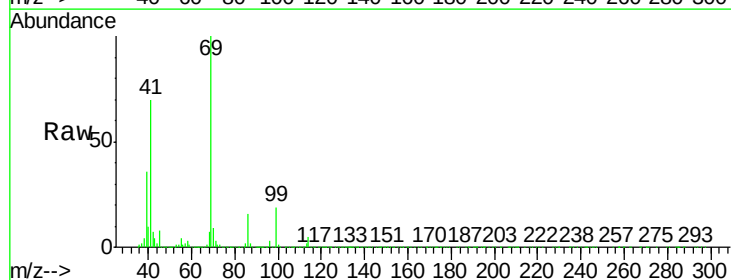
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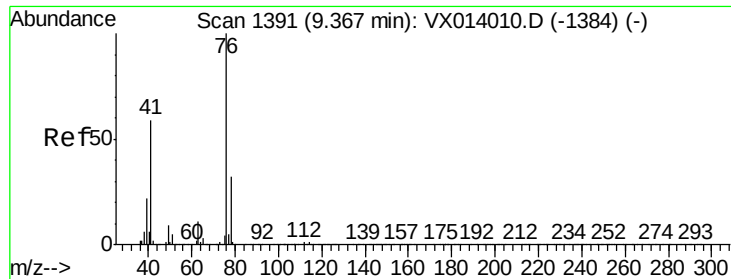
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#56
 Ethyl methacrylate
 Concen: 19.467 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014373.D
 Acq: 31 Dec 2019 12:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		155500		
41	70.6	54.8	82.2		
39	35.7	28.3	42.5		





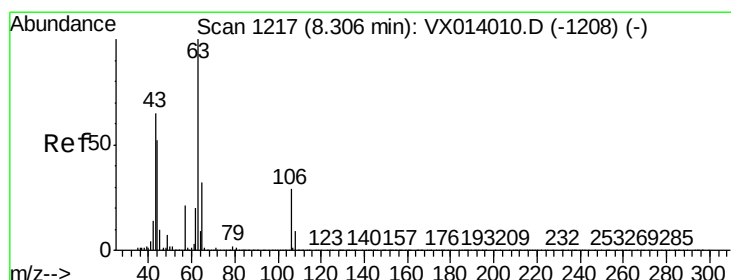
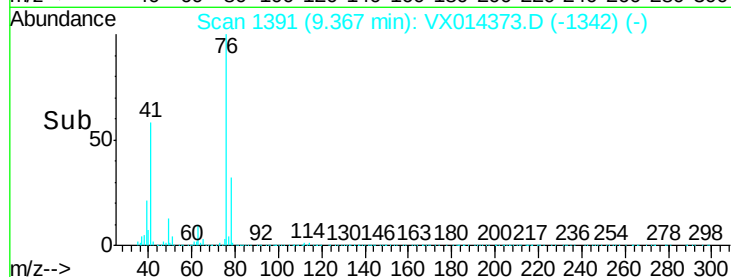
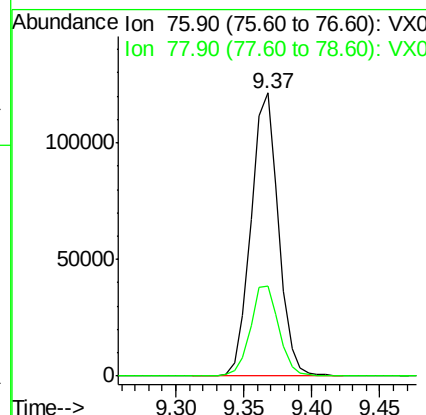
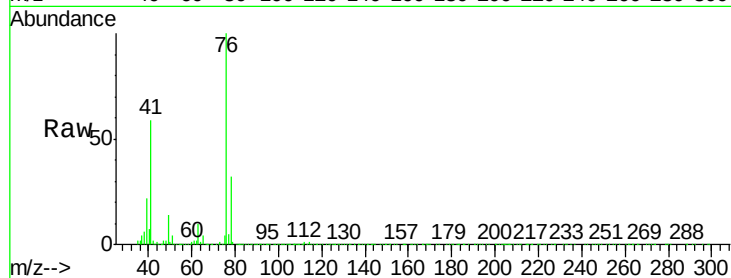
#57
 1,3-Dichloropropane
 Concen: 20.014 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX014373.D
 Acq: 31 Dec 2019 12:24

Instrument :
 MSVOA_X
 ClientSampled :
 VX1231WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	33.0	25.8	38.6

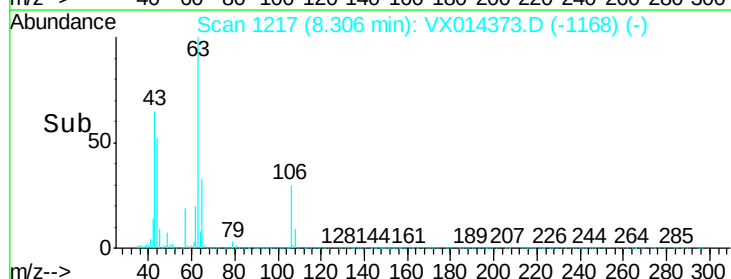
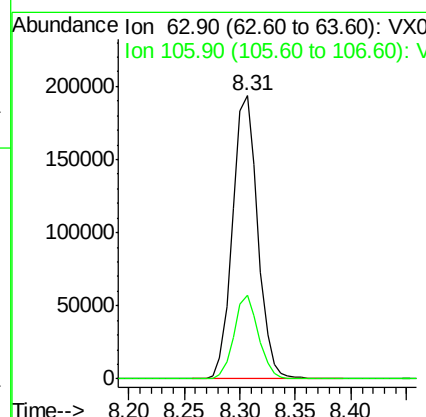
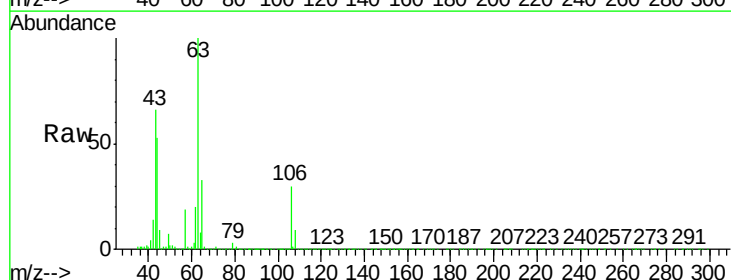
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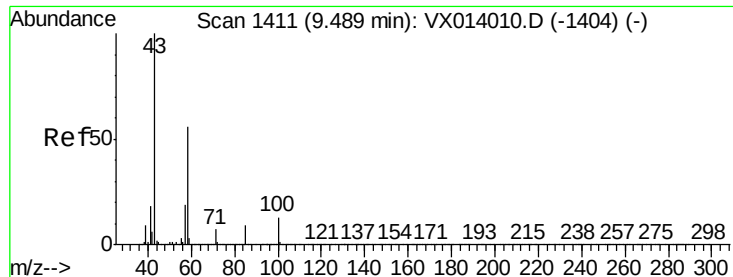
apatel
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#58
 2-Chloroethyl Vinyl ether
 Concen: 100.429 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: VX014373.D
 Acq: 31 Dec 2019 12:24

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.7	23.0	34.6





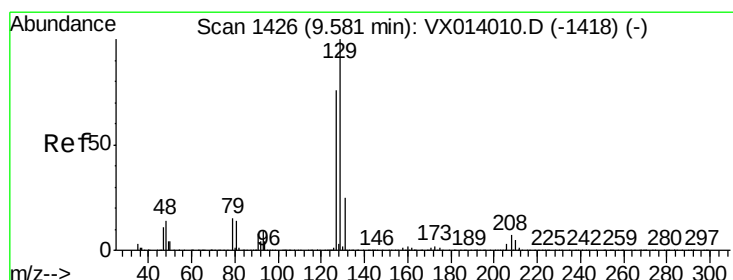
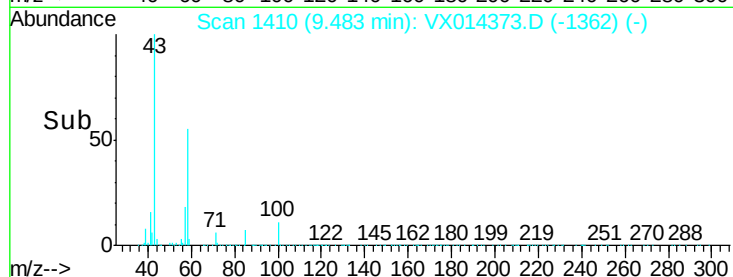
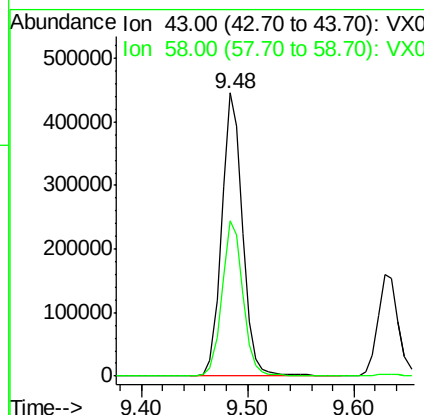
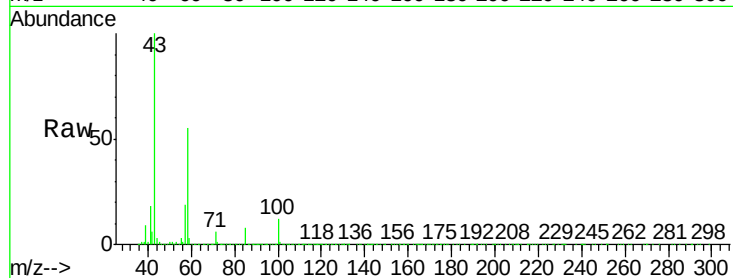
#59
2-Hexanone
Concen: 100.372 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014373.D
Acq: 31 Dec 2019 12:24

Instrument :
MSVOA_X
ClientSampleId :
VX1231WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	55.4	28.0	84.0

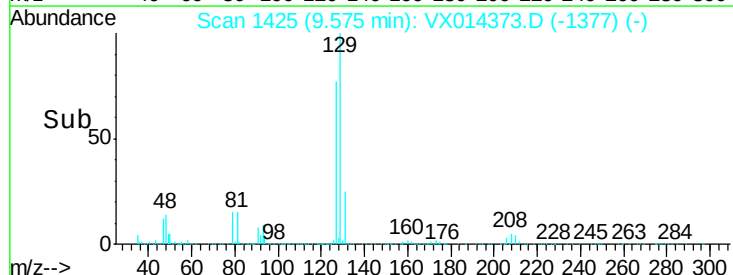
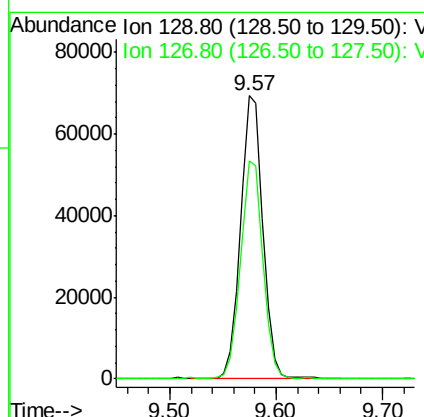
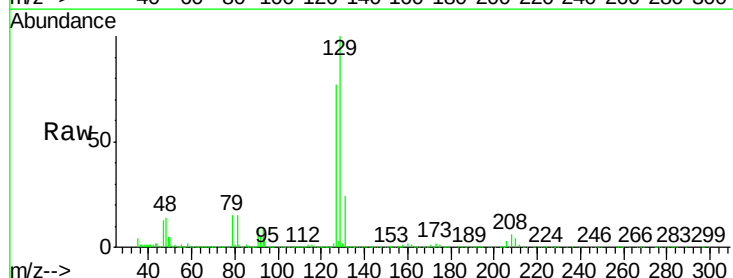
Manual Integrations
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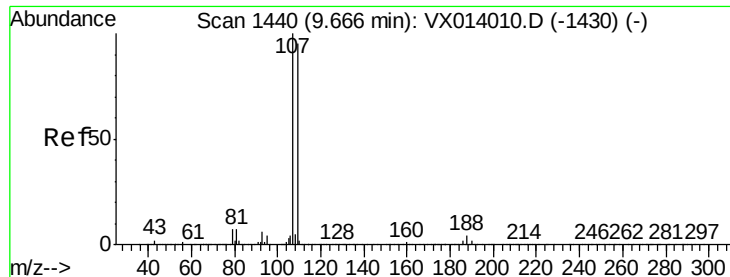
apatel
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#60
Dibromochloromethane
Concen: 20.254 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014373.D
Acq: 31 Dec 2019 12:24

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.6	38.4	115.2





#61

1,2-Dibromoethane

Concen: 20.039 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014373.D

Acq: 31 Dec 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

VX1231WBS01

Tot Ion: 107 Resp: 104260

Ion Ratio Lower Upper

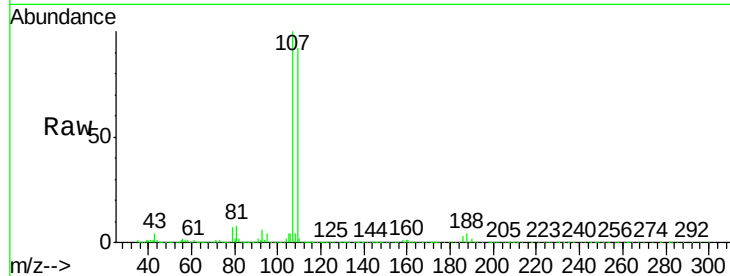
107 100

109 92.8 75.7 113.5

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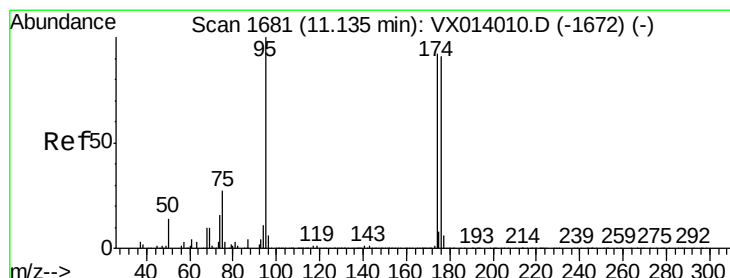
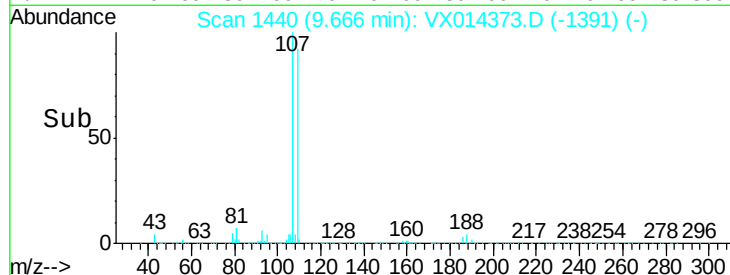
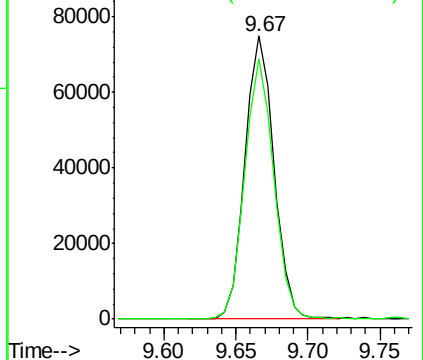
apatel

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.586 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014373.D

Acq: 31 Dec 2019 12:24

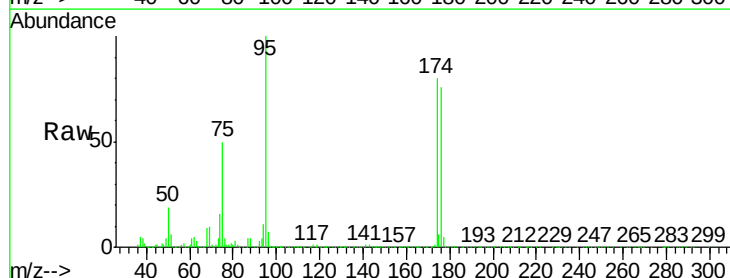
Tgt Ion: 95 Resp: 311161

Ion Ratio Lower Upper

95 100

174 86.8 0.0 175.8

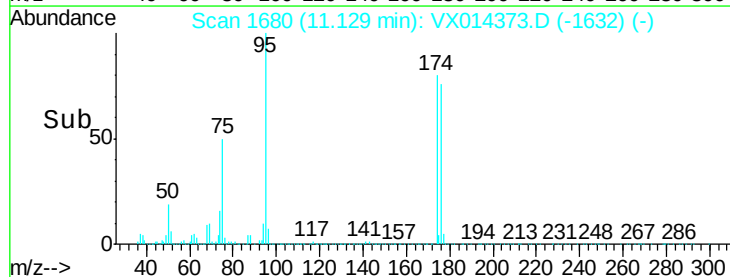
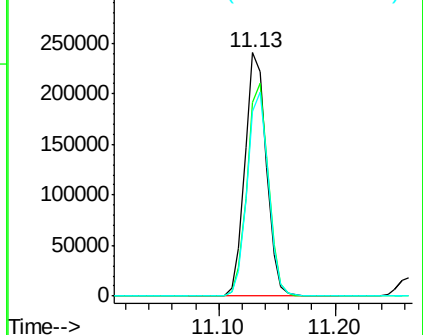
176 83.7 0.0 173.0

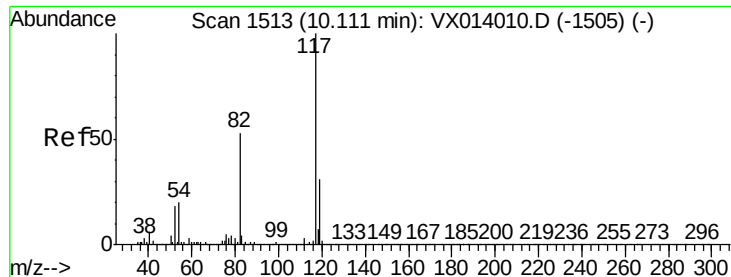


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





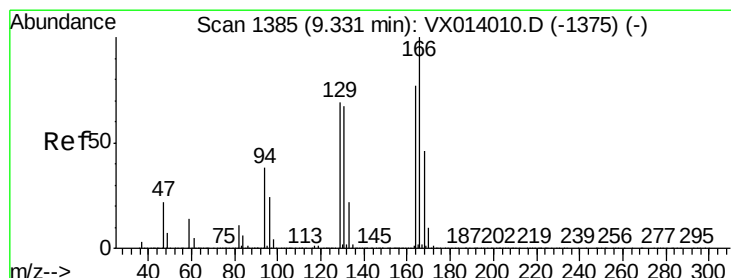
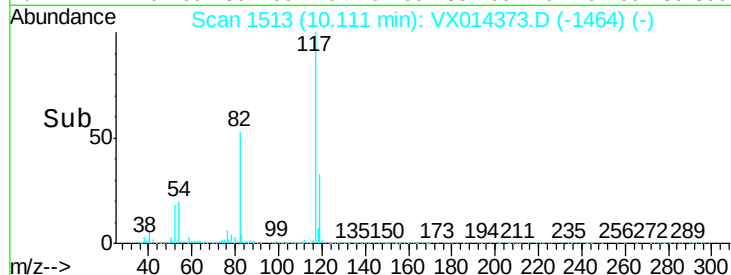
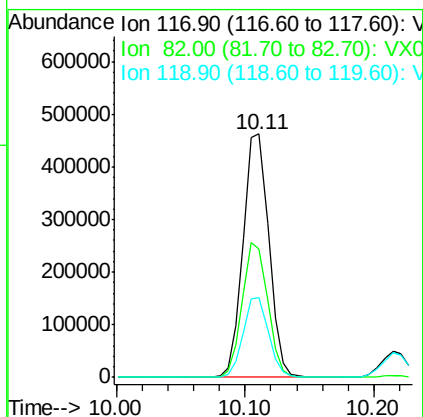
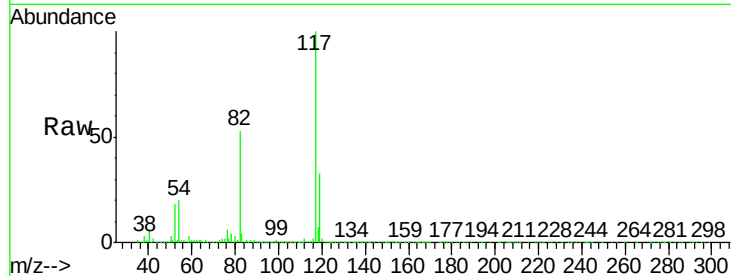
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014373.D
Acq: 31 Dec 2019 12:24

Instrument :
MSVOA_X
ClientSampleId :
VX1231WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.0	42.2	63.4
119	32.9	25.1	37.7

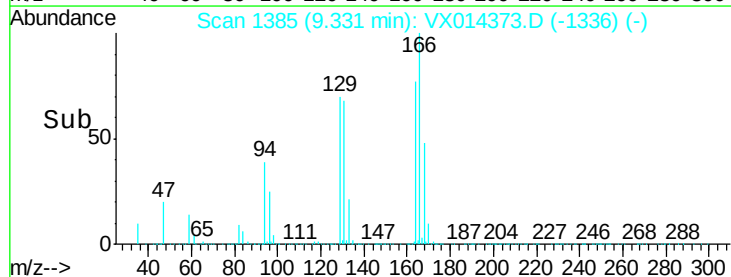
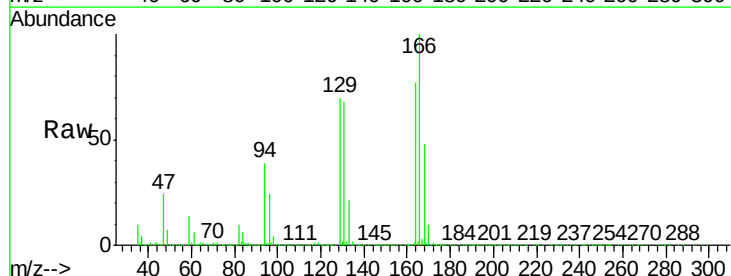
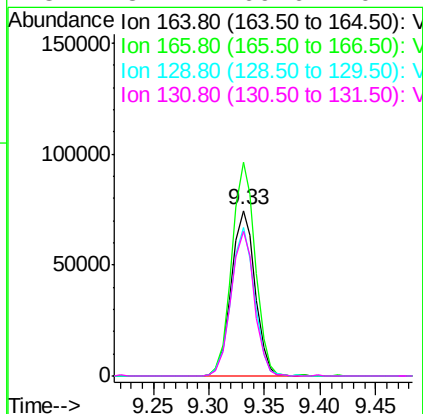
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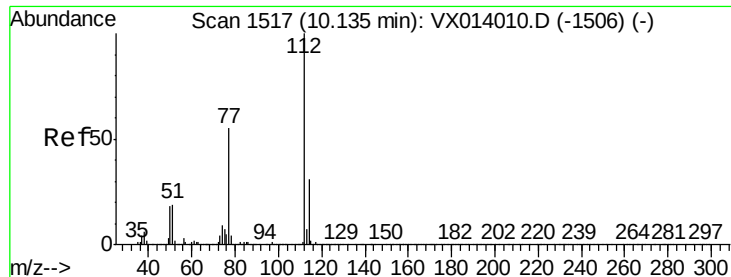
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#64
Tetrachloroethene
Concen: 19.609 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014373.D
Acq: 31 Dec 2019 12:24

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.0	104.0	156.0
129	89.7	72.2	108.4
131	87.7	69.6	104.4





#65

Chlorobenzene

Concen: 19.380 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX014373.D

Acq: 31 Dec 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

VX1231WBS01

Tot Ion:112 Resp: 262914

Ion Ratio Lower Upper

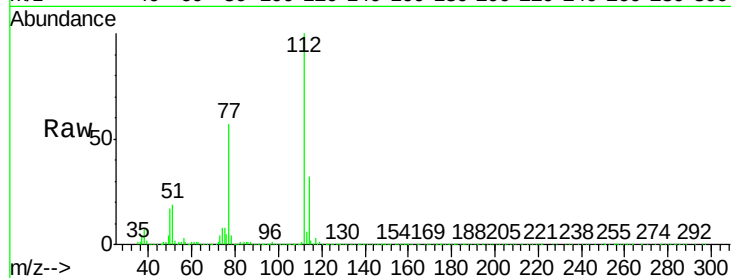
112 100

114 32.3 24.9 37.3

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.14

200000

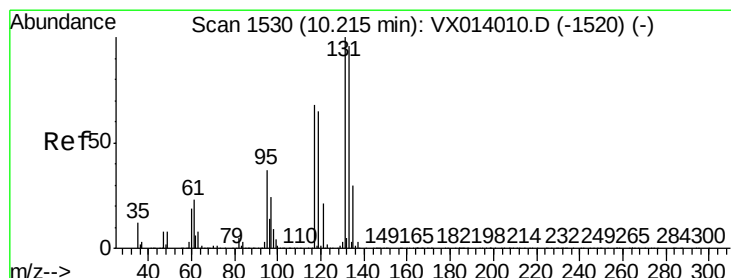
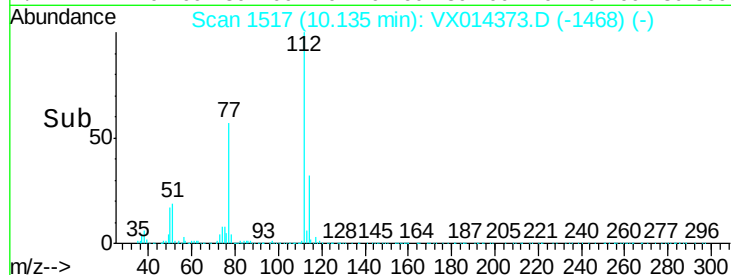
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 19.621 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014373.D

Acq: 31 Dec 2019 12:24

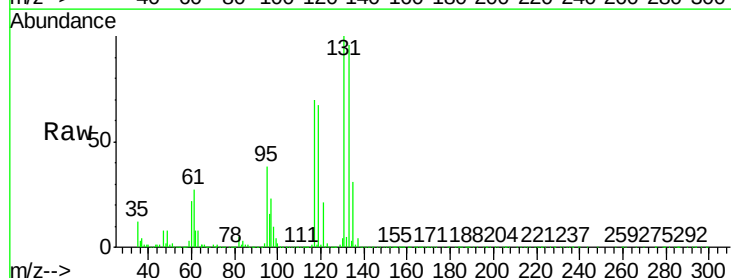
Tgt Ion:131 Resp: 95039

Ion Ratio Lower Upper

131 100

133 98.2 48.0 144.0

119 66.6 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

10.21

80000

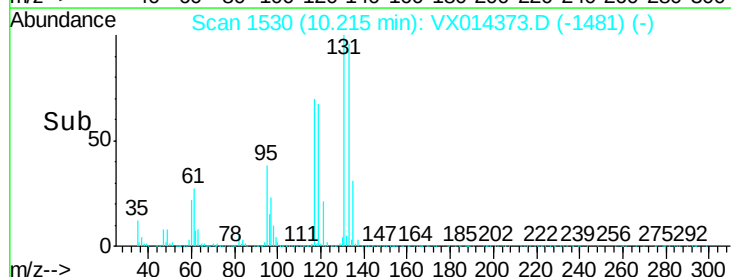
60000

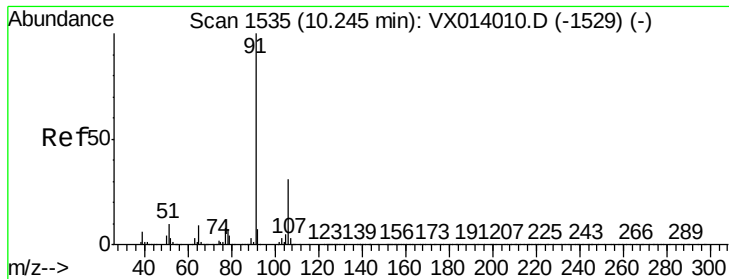
40000

20000

0

Time-->





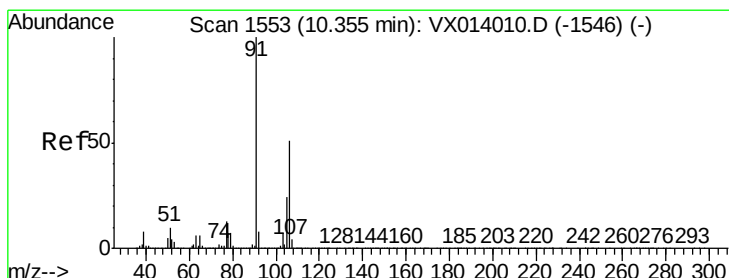
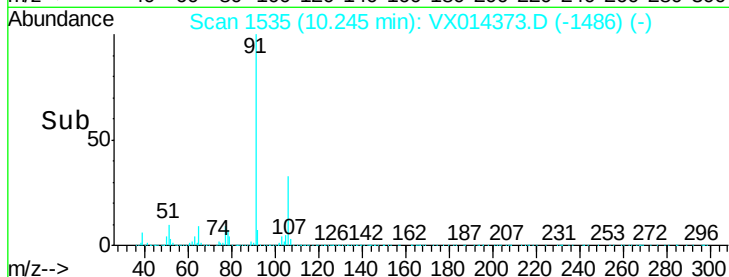
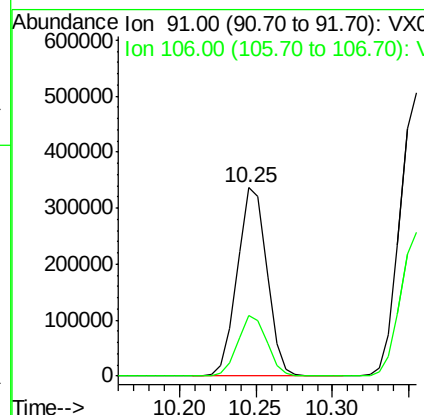
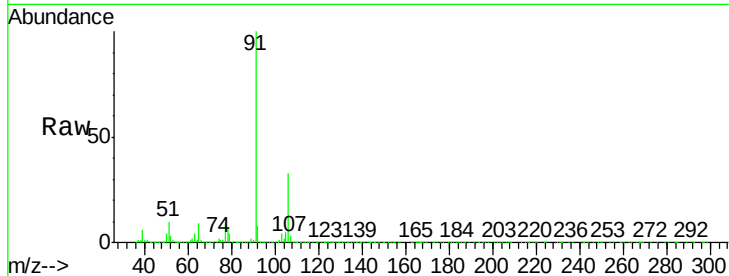
#67
Ethyl Benzene
Concen: 19.466 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014373.D
Acq: 31 Dec 2019 12:24

Instrument :
MSVOA_X
ClientSampleId :
VX1231WBS01

Tot Ion: 91 Resp: 453995
Ion Ratio Lower Upper
91 100
106 32.5 25.0 37.6

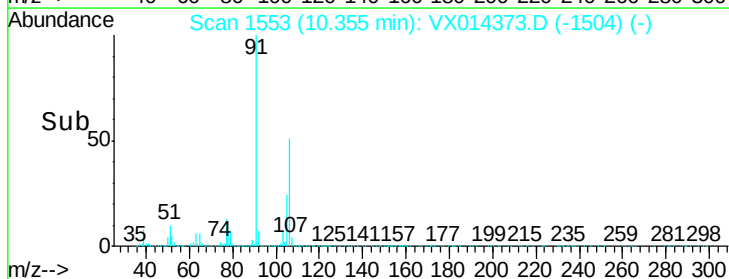
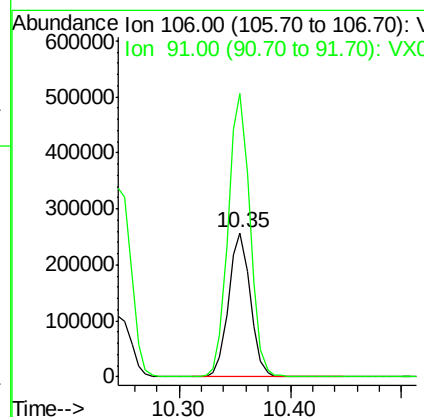
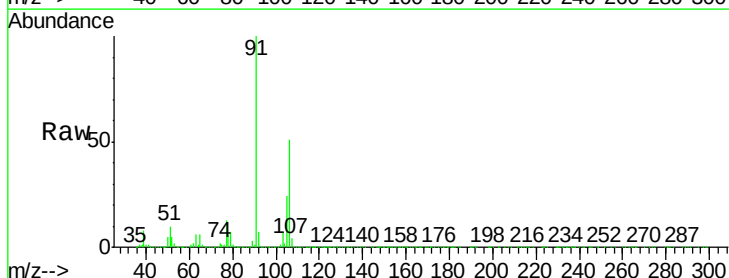
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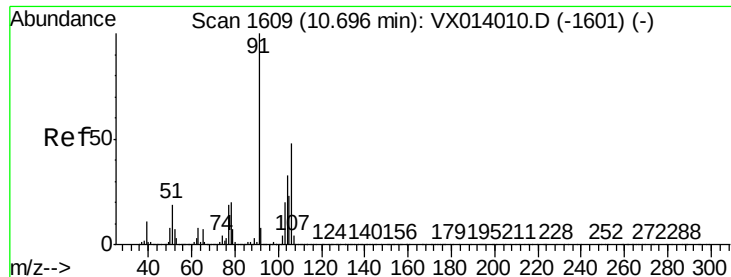
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#68
m/p-Xylenes
Concen: 38.704 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014373.D
Acq: 31 Dec 2019 12:24

Tgt Ion: 106 Resp: 347186
Ion Ratio Lower Upper
106 100
91 197.3 158.6 238.0





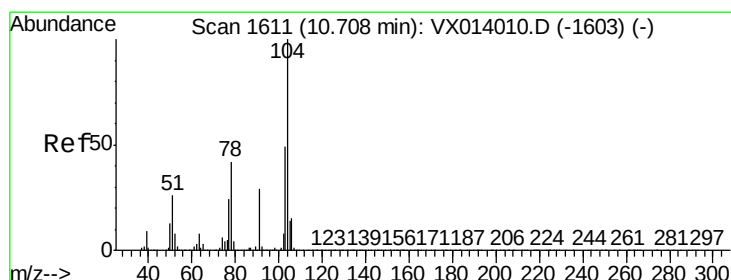
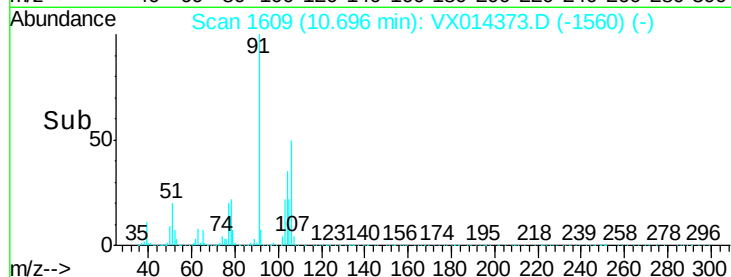
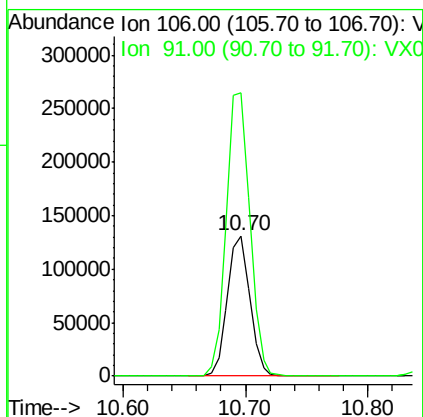
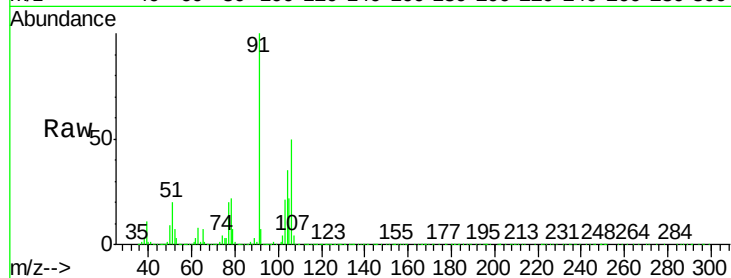
#69
o-Xylene
Concen: 19.023 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014373.D
Acq: 31 Dec 2019 12:24

Instrument :
MSVOA_X
ClientSampleId :
VX1231WBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	210.8	104.2	312.6

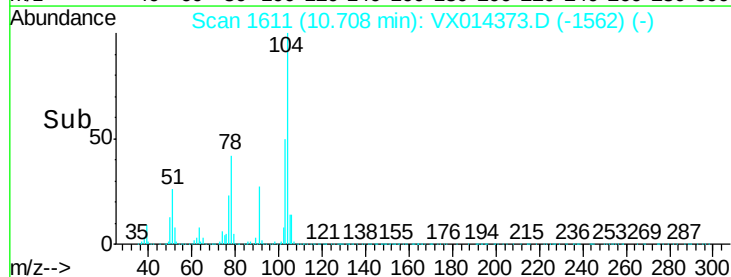
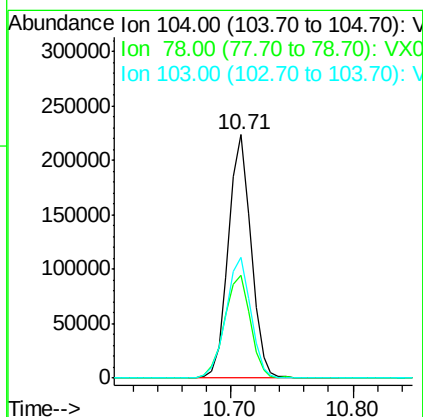
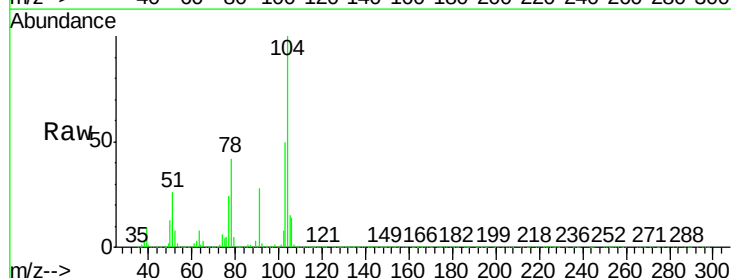
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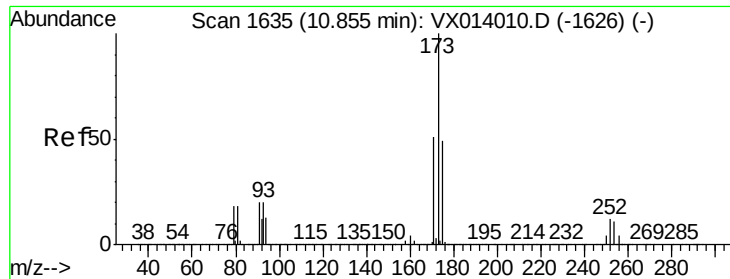
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#70
Styrene
Concen: 19.227 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014373.D
Acq: 31 Dec 2019 12:24

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.4	38.5	57.7
103	54.3	42.9	64.3





#71

Bromoform

Concen: 18.683 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VX014373.D

Acq: 31 Dec 2019 12:24

Instrument :

MSVOA_X

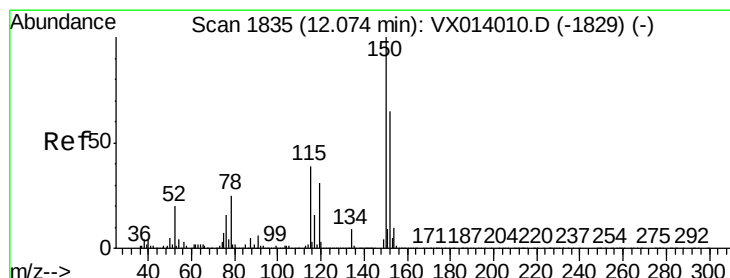
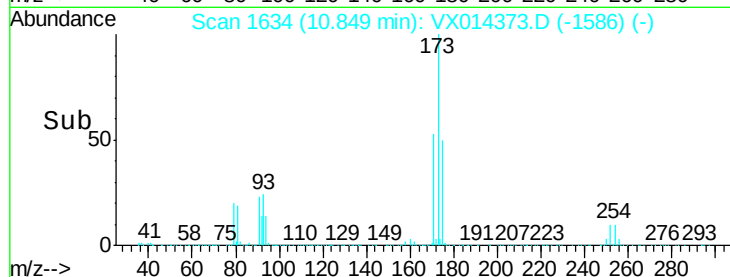
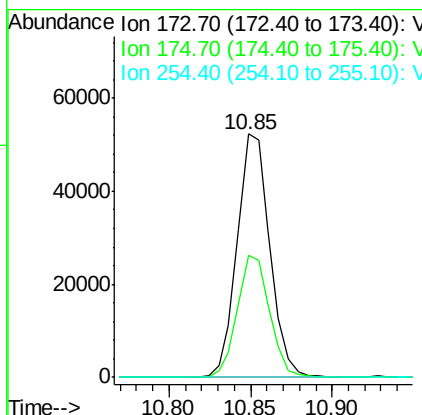
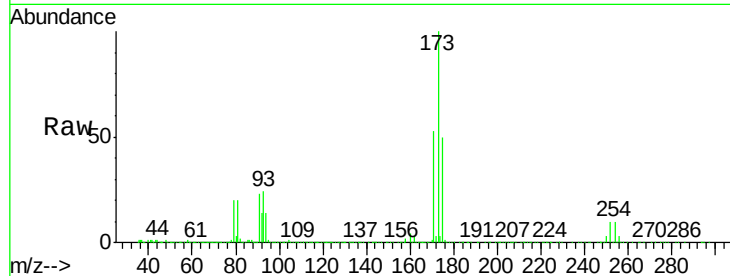
ClientSampleId :

VX1231WBS01

Tot Ion:	173	Resp:	72743
Ion Ratio	Lower	Upper	
173	100		
175	49.9	24.4	73.4
254	0.4	0.2	0.2#

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

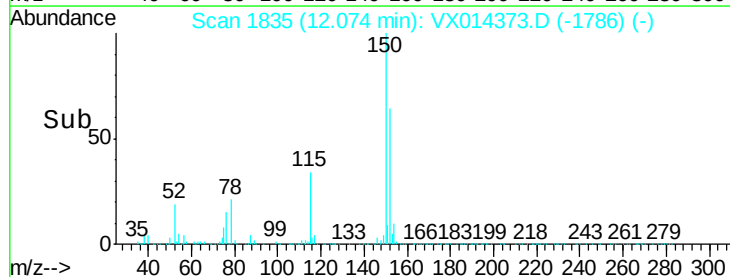
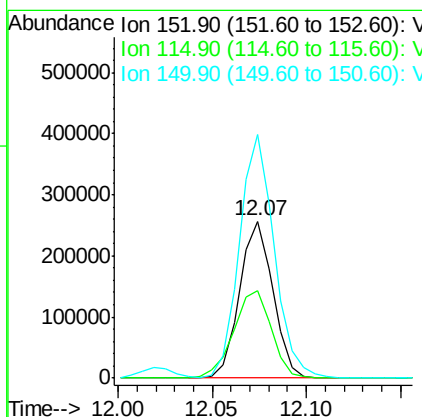
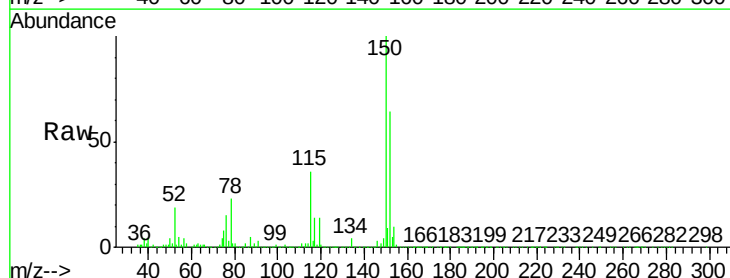
RT: 12.07 min Scan# 1835

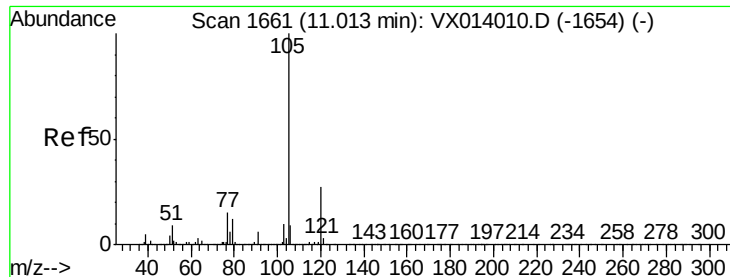
Delta R.T. 0.00 min

Lab File: VX014373.D

Acq: 31 Dec 2019 12:24

Tgt Ion:	152	Resp:	314308
Ion Ratio	Lower	Upper	
152	100		
115	63.7	38.3	114.9
150	161.8	0.0	345.4





#73

Isopropylbenzene

Concen: 20.274 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014373.D

Acq: 31 Dec 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

VX1231WBS01

Tot Ion: 105 Resp: 448667

Ion Ratio Lower Upper

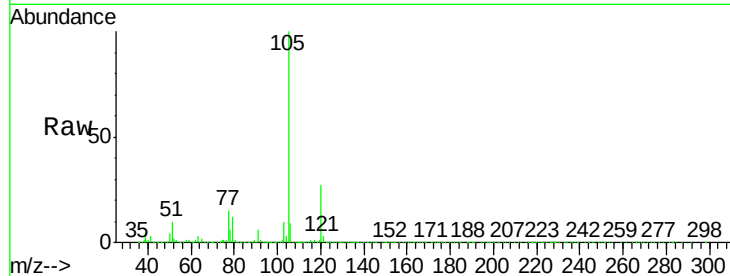
105 100

120 26.4 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

11.01

400000

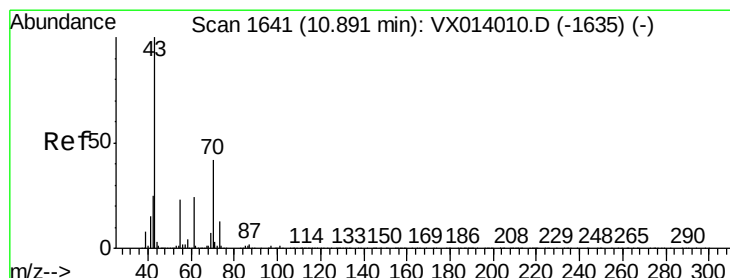
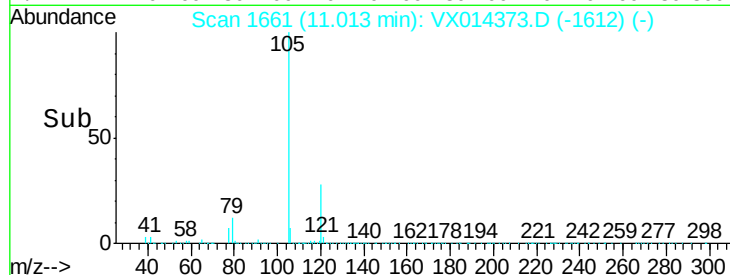
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 19.311 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014373.D

Acq: 31 Dec 2019 12:24

Tgt Ion: 43 Resp: 200314

Ion Ratio Lower Upper

43 100

70 42.8 34.4 51.6

55 23.9 19.1 28.7

61 24.8 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

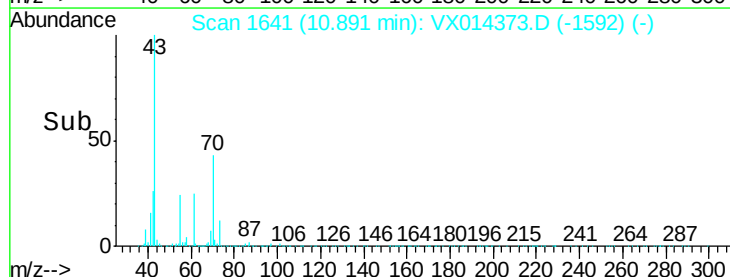
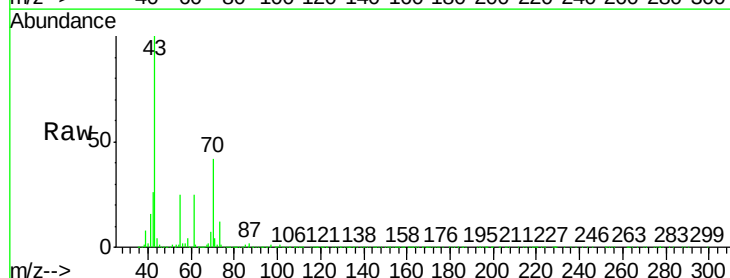
150000

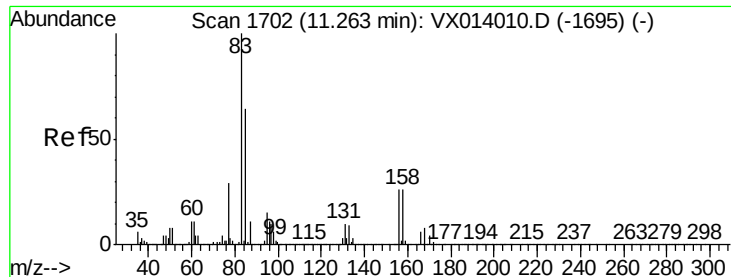
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 20.553 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014373.D

Acq: 31 Dec 2019 12:24

Instrument :

MSVOA_X

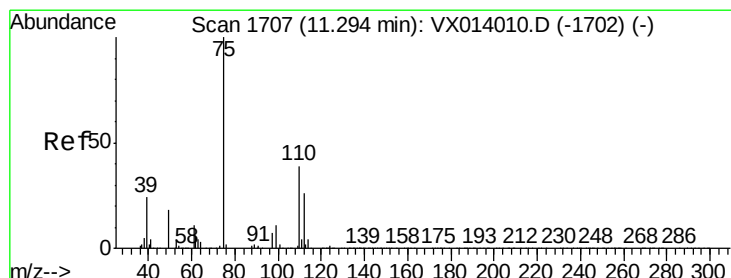
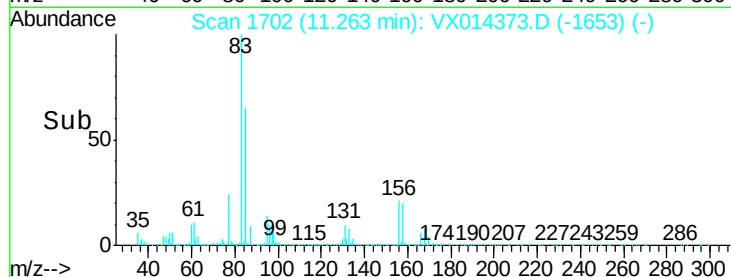
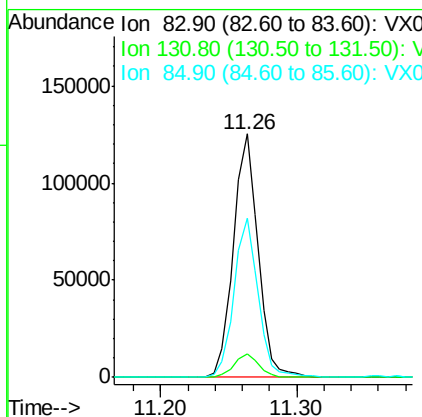
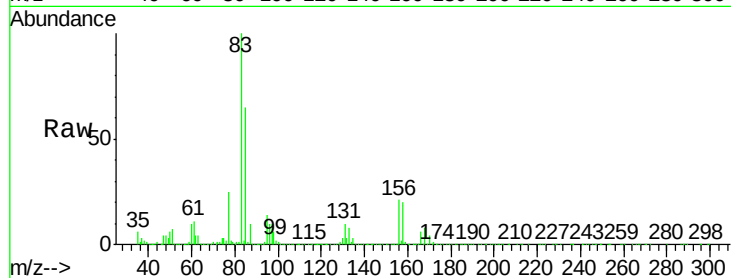
ClientSampleId :

VX1231WBS01

Tot Ion:	83	Resp:	157689
Ion Ratio	Lower	Upper	
83	100		
131	9.9	5.1	15.2
85	63.8	31.9	95.7

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#76

1,2,3-Trichloropropane

Concen: 18.776 ug/l m

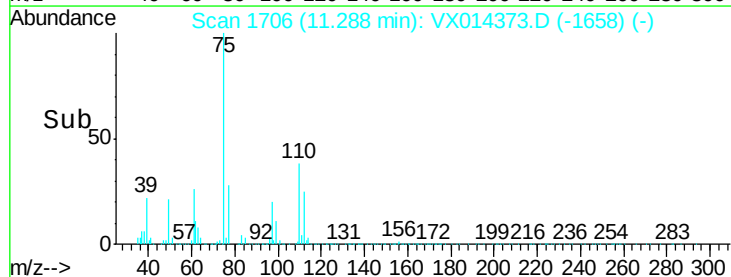
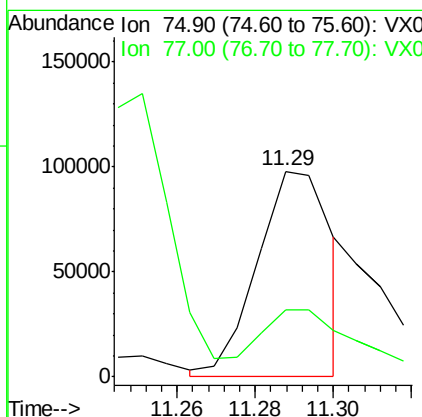
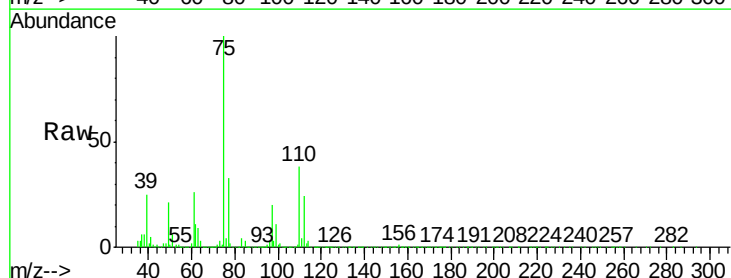
RT: 11.29 min Scan# 1706

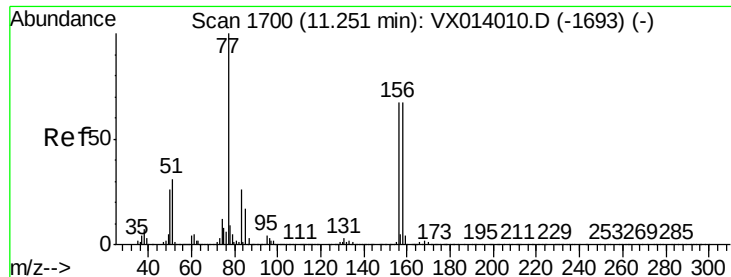
Delta R.T. -0.01 min

Lab File: VX014373.D

Acq: 31 Dec 2019 12:24

Tgt Ion:	75	Resp:	128118
Ion Ratio	Lower	Upper	
75	100		
77	42.0	19.3	57.8





#77

Bromobenzene

Concen: 18.758 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014373.D

Acq: 31 Dec 2019 12:24

Instrument :

MSVOA_X

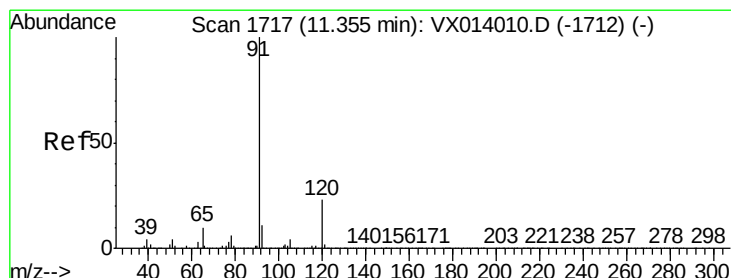
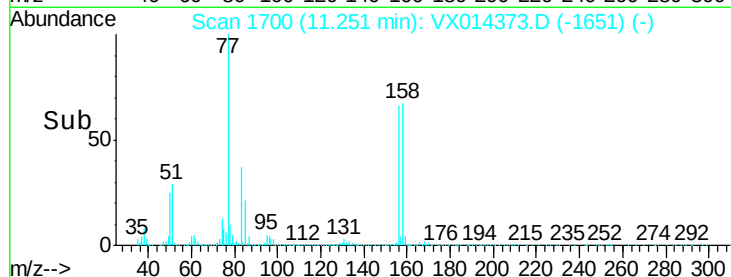
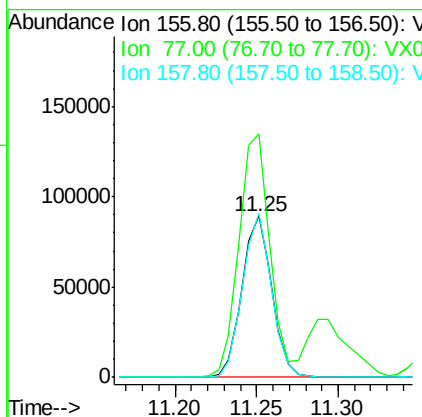
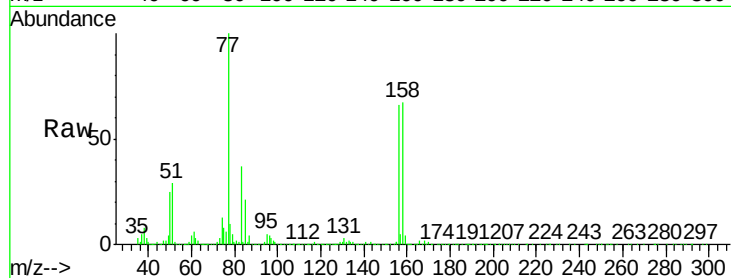
ClientSampleId :

VX1231WBS01

Tot Ion:	156	Resp:	114212
Ion Ratio	Lower	Upper	
156	100		
77	154.9	76.5	229.5
158	99.2	49.3	147.9

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#78

n-propylbenzene

Concen: 20.017 ug/l

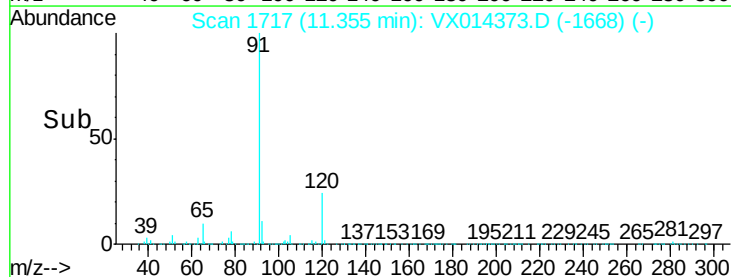
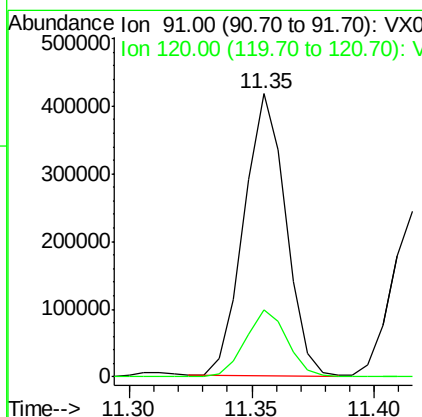
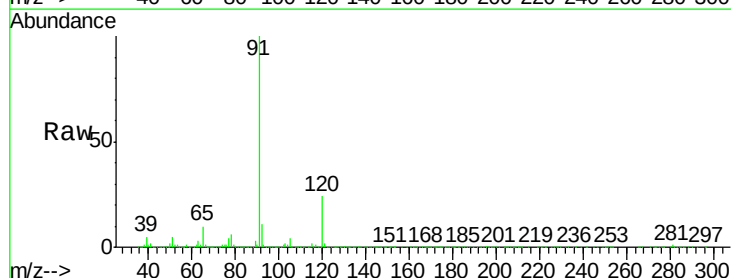
RT: 11.35 min Scan# 1717

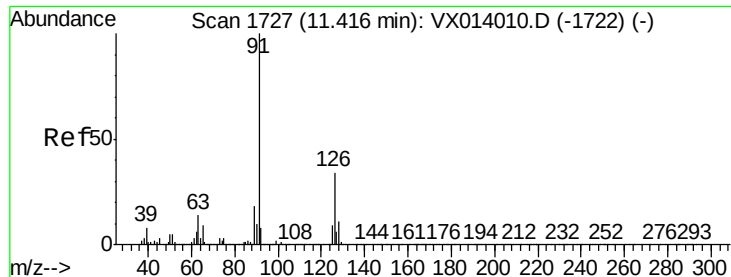
Delta R.T. 0.00 min

Lab File: VX014373.D

Acq: 31 Dec 2019 12:24

Tgt Ion:	91	Resp:	496859
Ion Ratio	Lower	Upper	
91	100		
120	23.7	11.7	35.0





#79

2-Chlorotoluene

Concen: 19.913 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014373.D

Acq: 31 Dec 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

VX1231WBS01

Tot Ion: 91 Resp: 300471

Ion Ratio Lower Upper

91 100

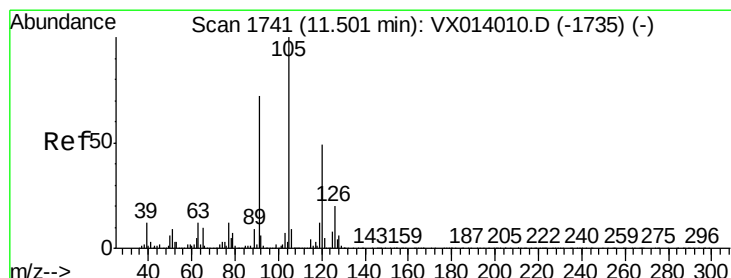
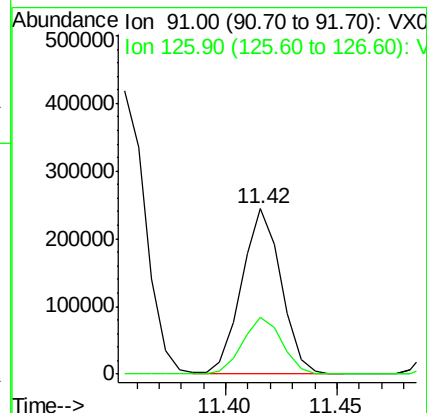
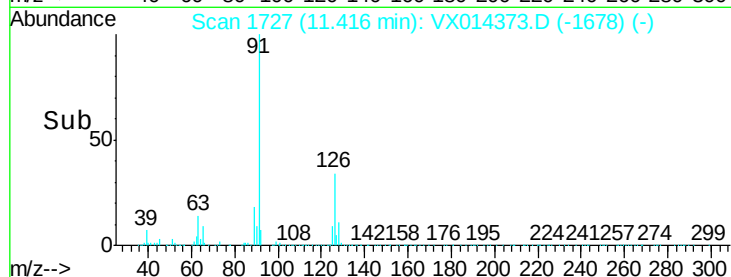
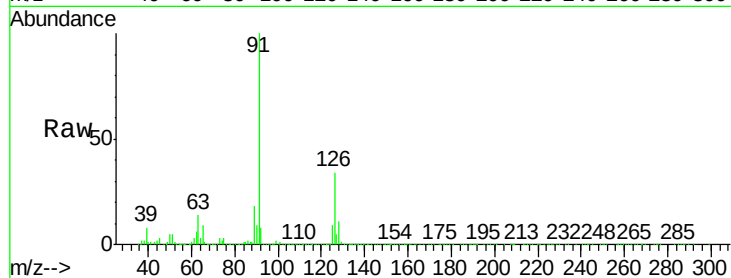
126 35.1 17.2 51.6

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#80

1,3,5-Trimethylbenzene

Concen: 19.683 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014373.D

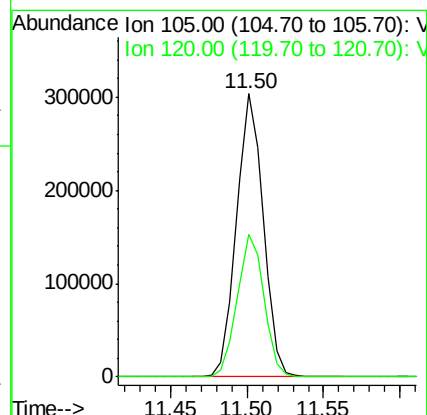
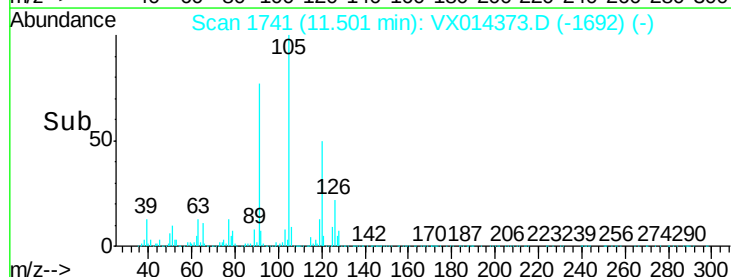
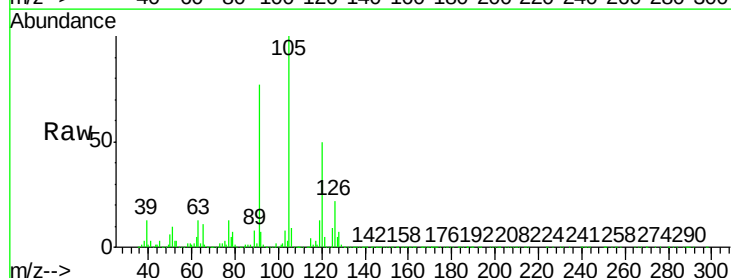
Acq: 31 Dec 2019 12:24

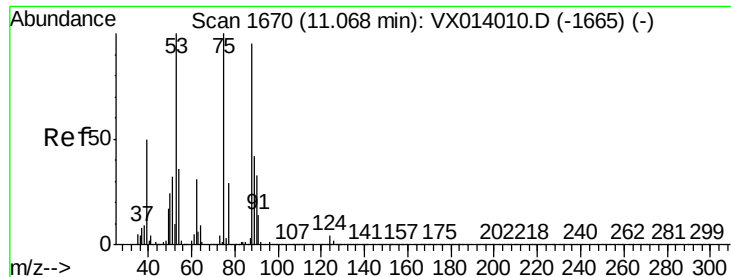
Tgt Ion: 105 Resp: 366591

Ion Ratio Lower Upper

105 100

120 50.8 25.3 75.8





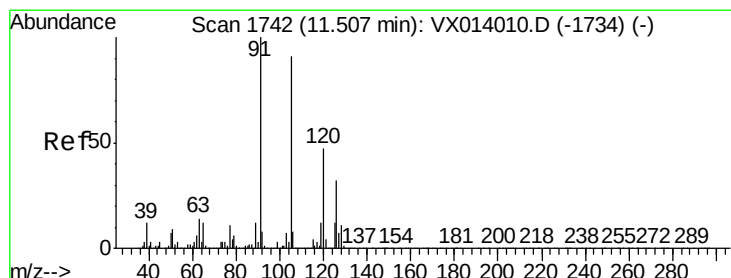
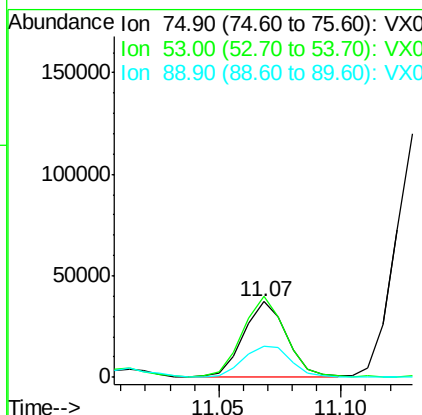
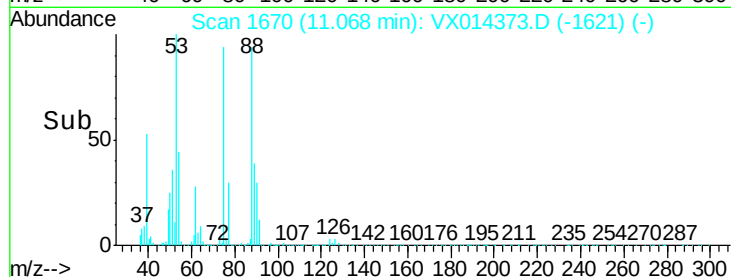
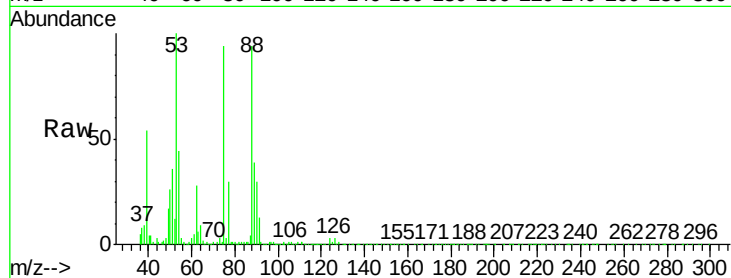
#81
trans-1,4-Dichloro-2-butene
Concen: 18.621 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX014373.D
Acq: 31 Dec 2019 12:24

Instrument :
MSVOA_X
ClientSampleId :
VX1231WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	106.3	76.7	115.1
89	47.6	34.6	51.8

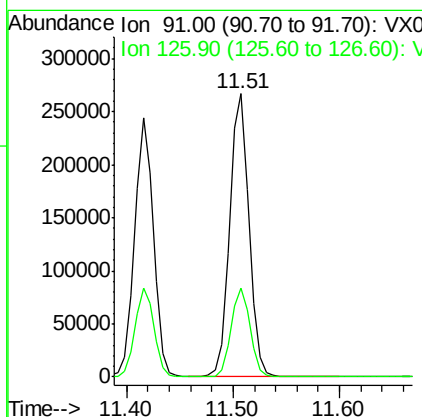
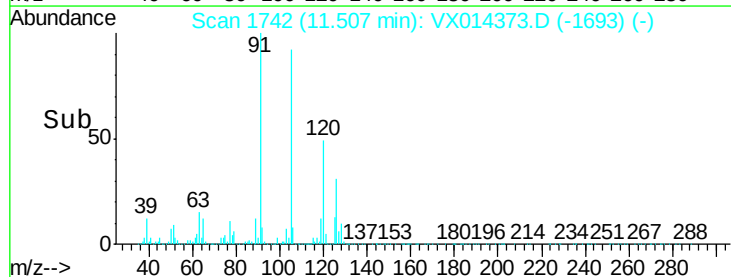
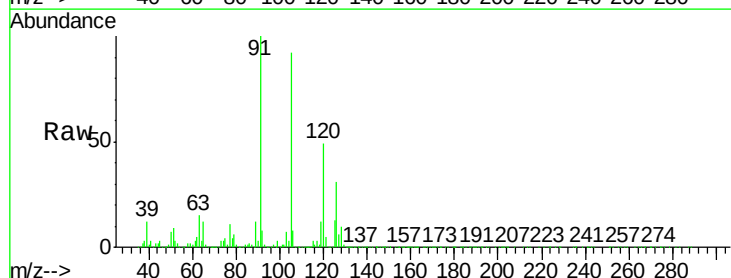
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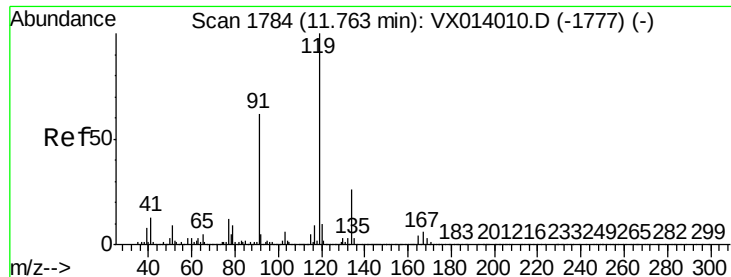
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#82
4-Chlorotoluene
Concen: 19.314 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX014373.D
Acq: 31 Dec 2019 12:24

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.1	15.6	46.8





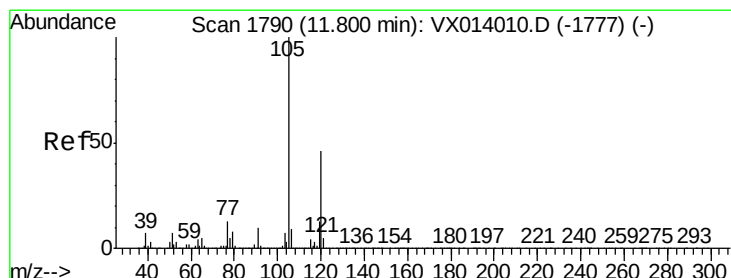
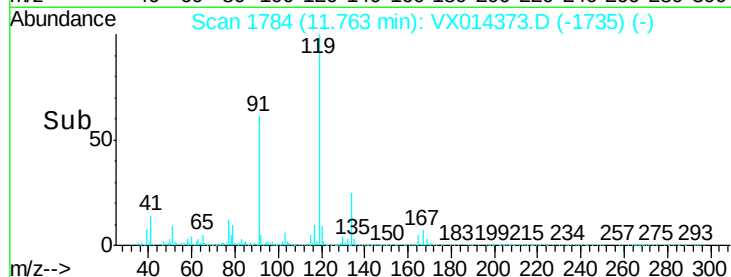
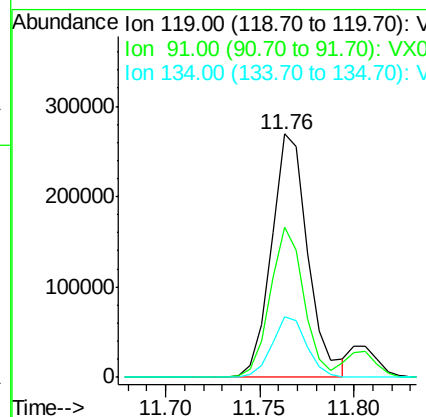
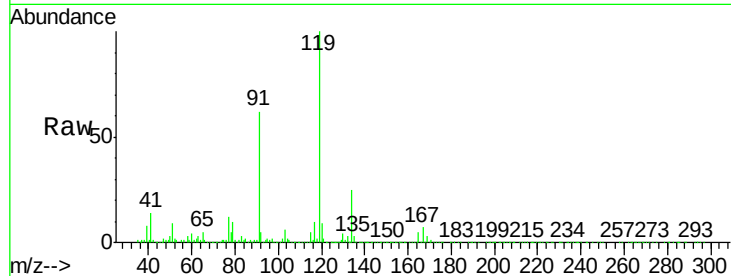
#83
 tert-Butylbenzene
 Concen: 19.895 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: VX014373.D
 Acq: 31 Dec 2019 12:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1231WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	360592		
91	56.7	28.5	85.6	
134	23.9	12.2	36.6	

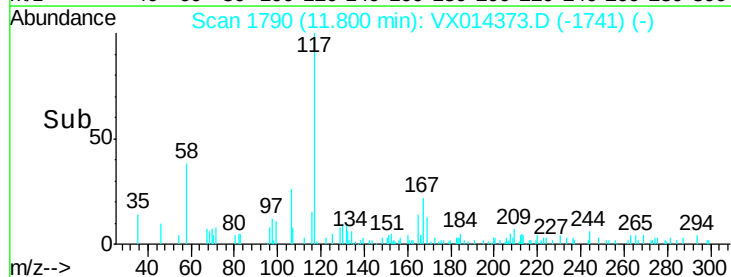
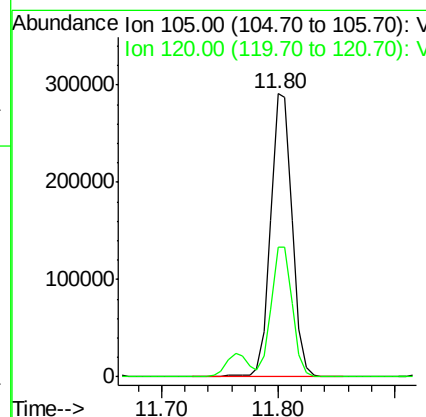
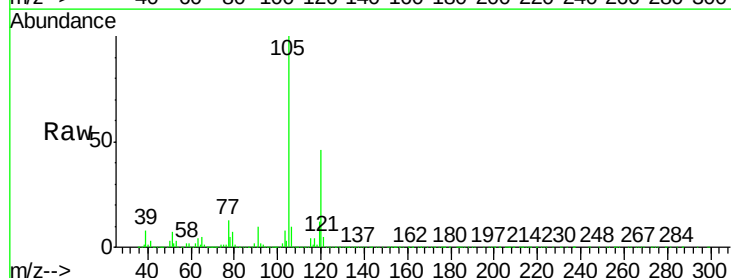
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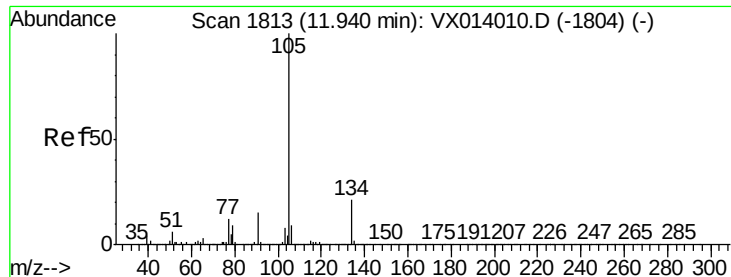
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.118 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX014373.D
 Acq: 31 Dec 2019 12:24

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	375222		
120	44.9	23.1	69.2	





#85

sec-Butylbenzene

Concen: 20.007 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014373.D

Acq: 31 Dec 2019 12:24

Instrument :

MSVOA_X

ClientSampleId :

VX1231WBS01

Tot Ion:105 Resp: 428088

Ion Ratio Lower Upper

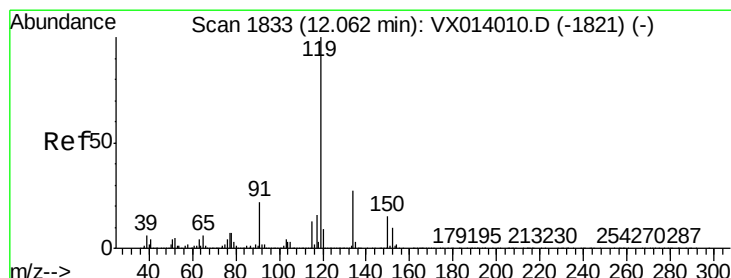
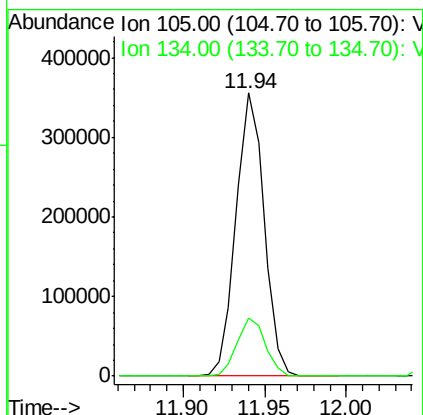
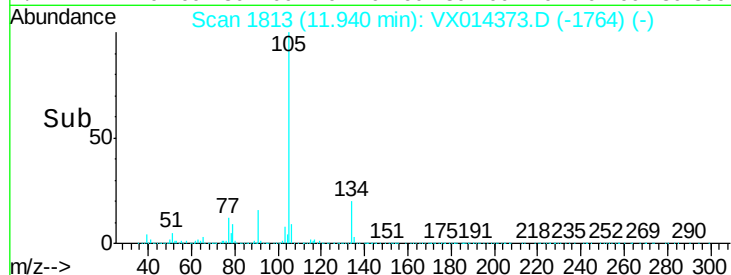
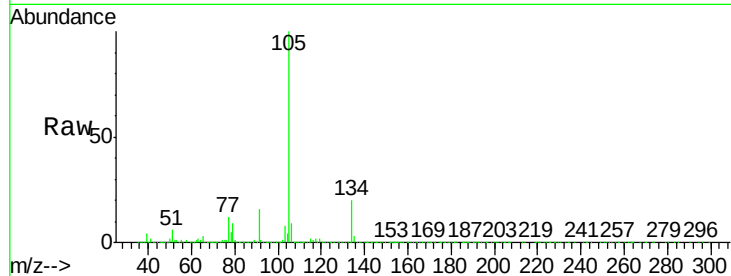
105 100

134 20.8 10.4 31.1

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#86

p-Isopropyltoluene

Concen: 19.881 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX014373.D

Acq: 31 Dec 2019 12:24

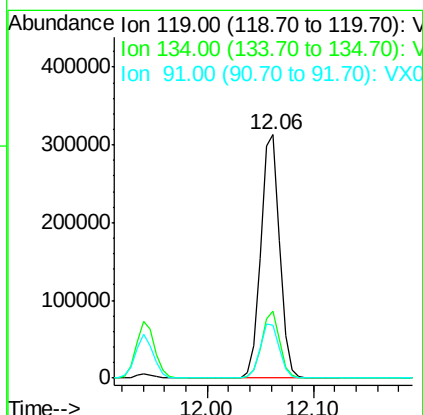
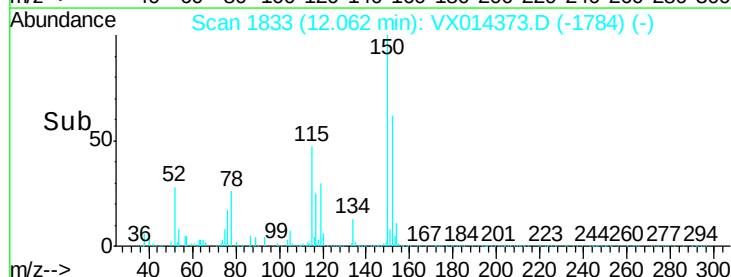
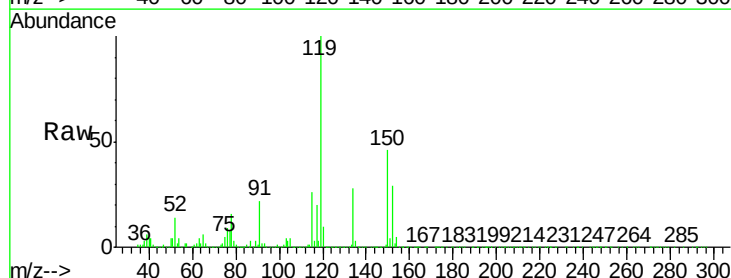
Tgt Ion:119 Resp: 389112

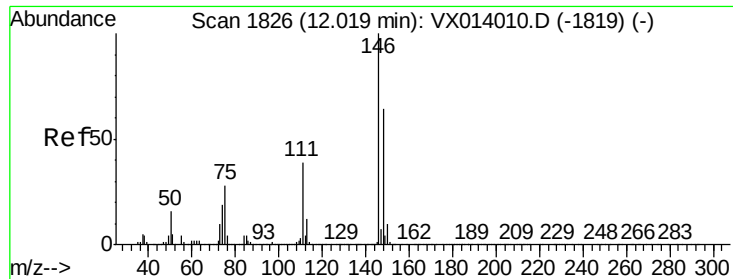
Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.1

91 22.7 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 18.542 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX014373.D

Acq: 31 Dec 2019 12:24

Instrument :

MSVOA_X

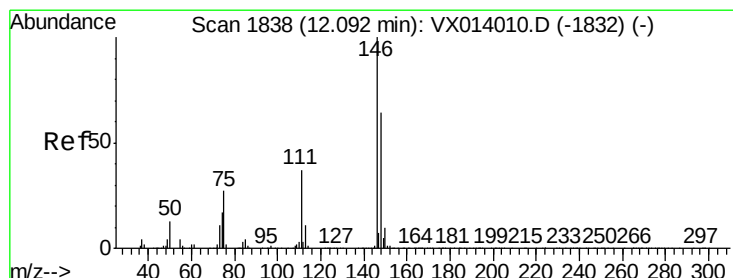
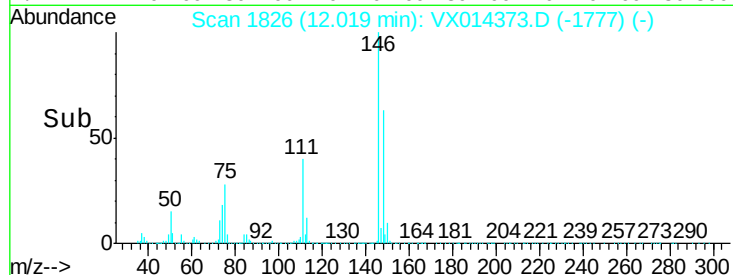
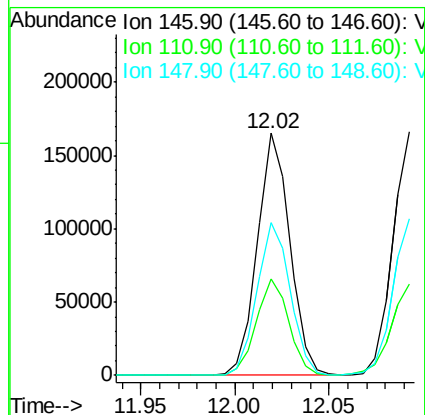
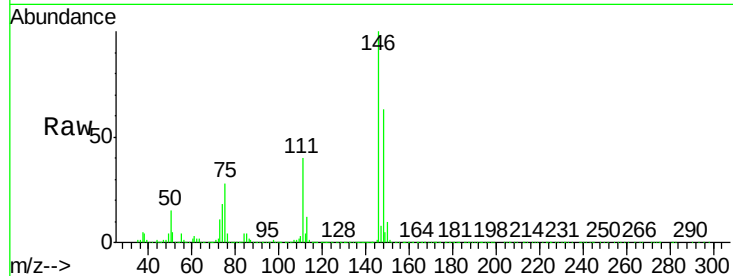
ClientSampled :

VX1231WBS01

Tot Ion:	146	Resp:	197860
Ion Ratio	Lower	Upper	
146	100		
111	39.7	19.1	57.1
148	64.5	32.3	96.9

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 18.423 ug/l

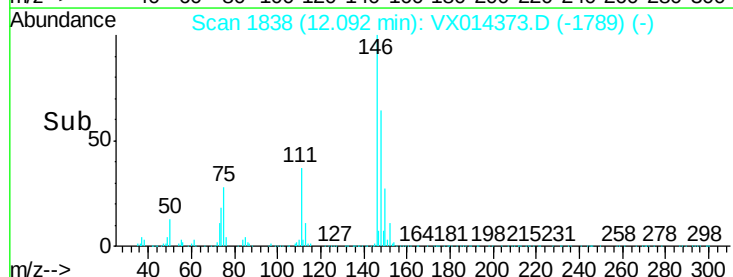
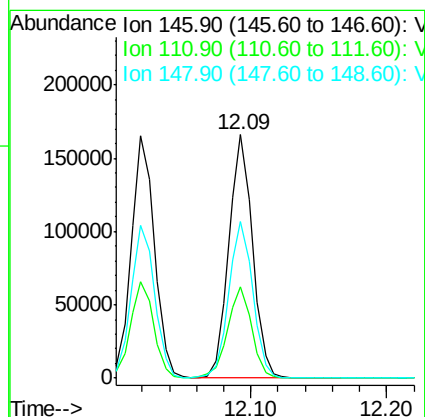
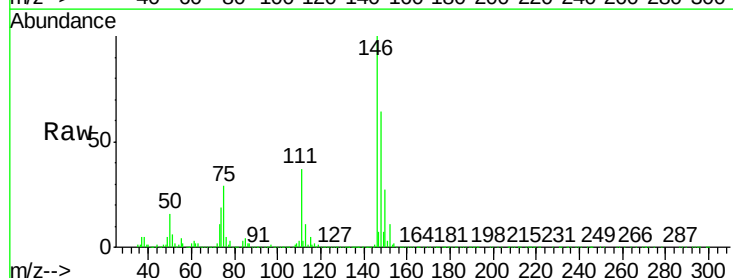
RT: 12.09 min Scan# 1838

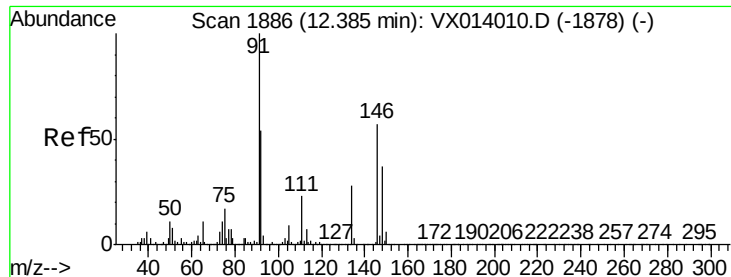
Delta R.T. 0.00 min

Lab File: VX014373.D

Acq: 31 Dec 2019 12:24

Tgt Ion:	146	Resp:	199892
Ion Ratio	Lower	Upper	
146	100		
111	38.2	18.7	56.1
148	64.7	31.9	95.9





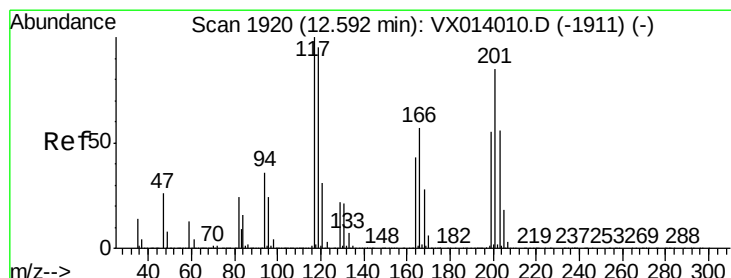
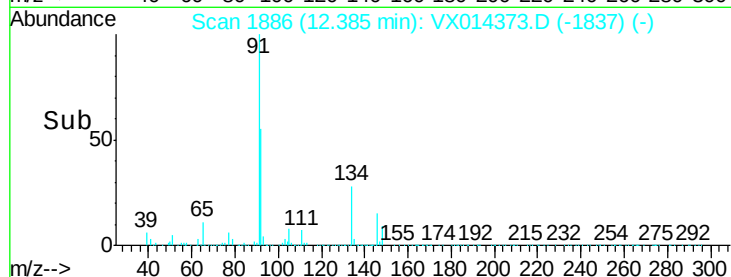
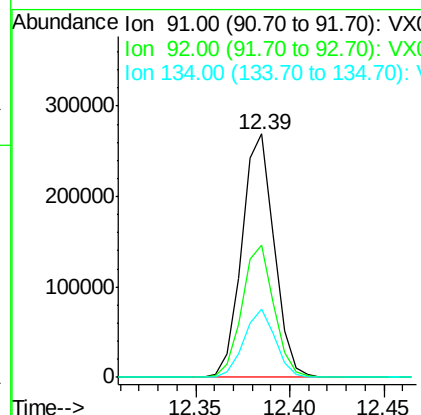
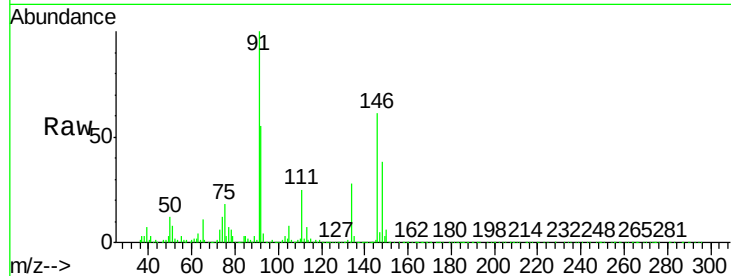
#89
n-Butylbenzene
Concen: 19.155 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014373.D
Acq: 31 Dec 2019 12:24

Instrument :
MSVOA_X
ClientSampleId :
VX1231WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.0	27.2	81.6
134	27.1	13.4	40.1

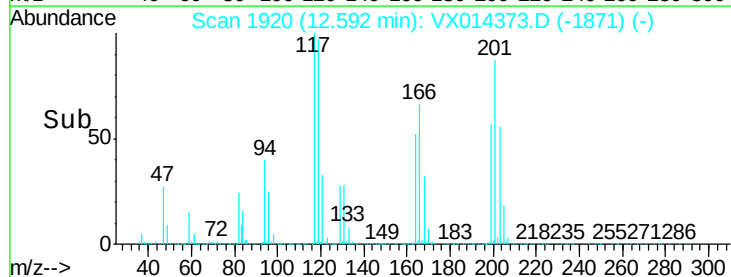
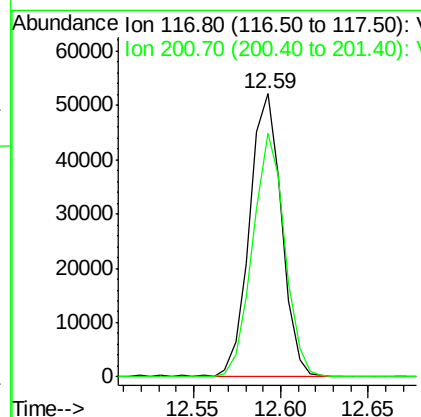
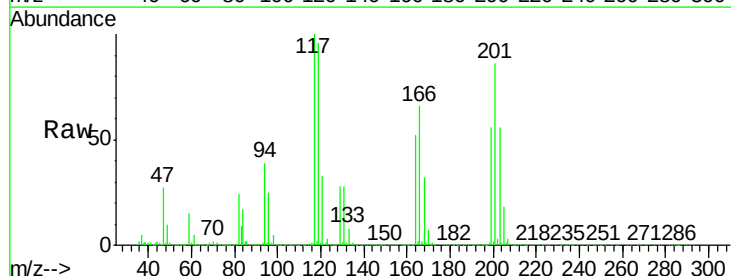
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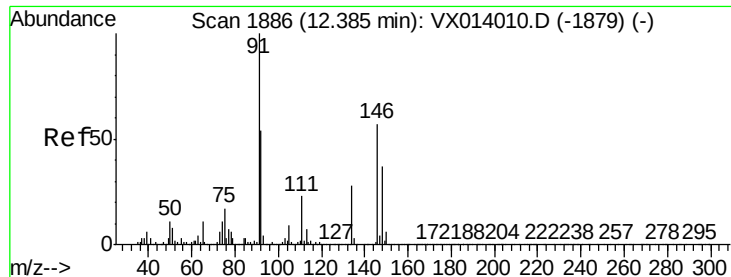
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#90
Hexachloroethane
Concen: 18.836 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014373.D
Acq: 31 Dec 2019 12:24

Tgt Ion	Ratio	Lower	Upper
117	100		
201	86.3	43.1	129.3





#91

1,2-Dichlorobenzene

Concen: 18.847 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014373.D

Acq: 31 Dec 2019 12:24

Instrument :

MSVOA_X

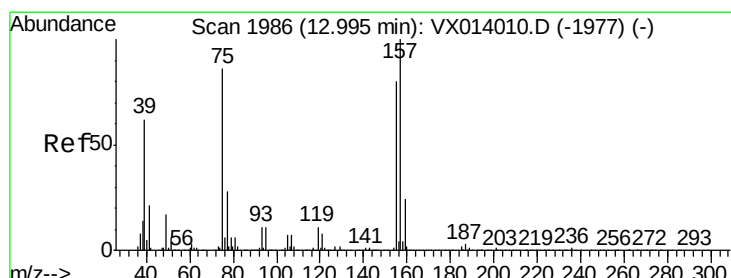
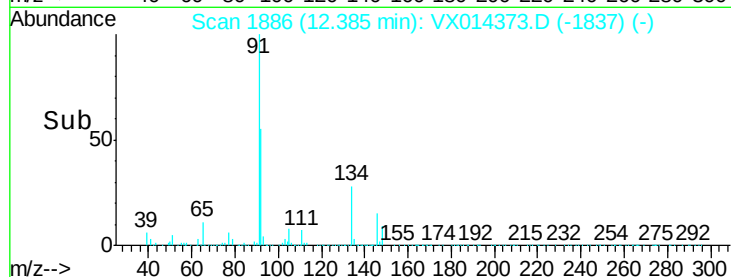
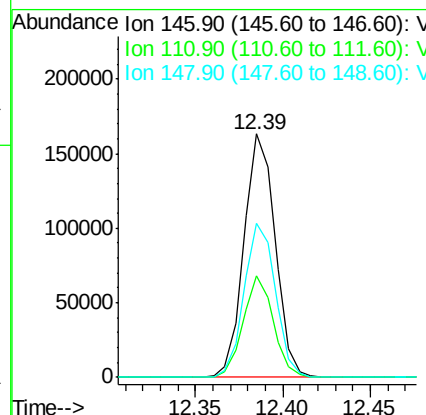
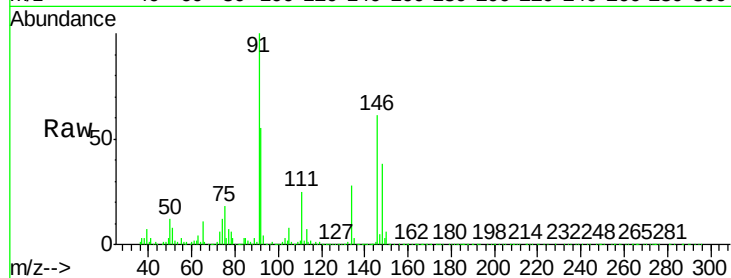
ClientSampleId :

VX1231WBS01

Tot Ion:	146	Resp:	202460
Ion Ratio	Lower	Upper	
146	100		
111	40.5	19.7	59.1
148	63.9	32.1	96.5

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#92

1,2-Dibromo-3-Chloropropane

Concen: 18.744 ug/l

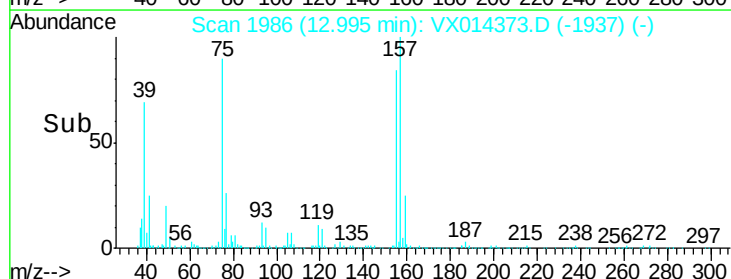
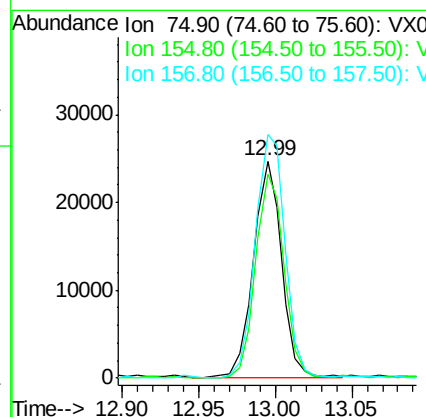
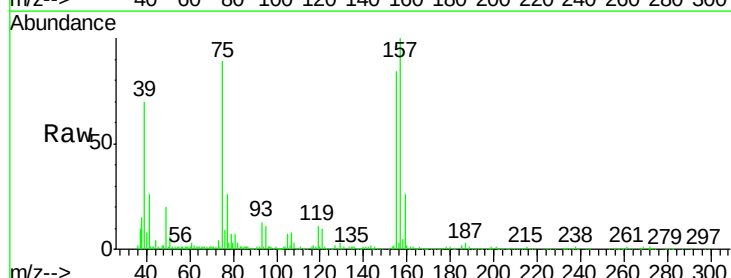
RT: 12.99 min Scan# 1886

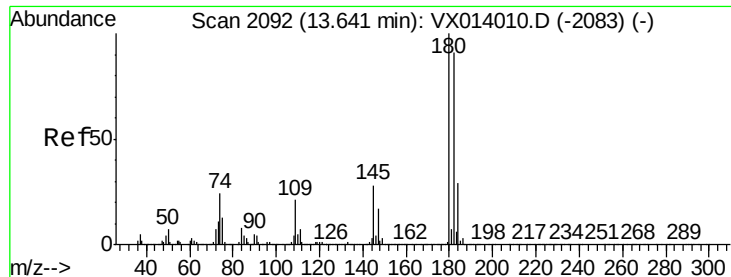
Delta R.T. 0.00 min

Lab File: VX014373.D

Acq: 31 Dec 2019 12:24

Tgt Ion:	75	Resp:	31824
Ion Ratio	Lower	Upper	
75	100		
155	93.4	46.9	140.6
157	119.2	60.8	182.4





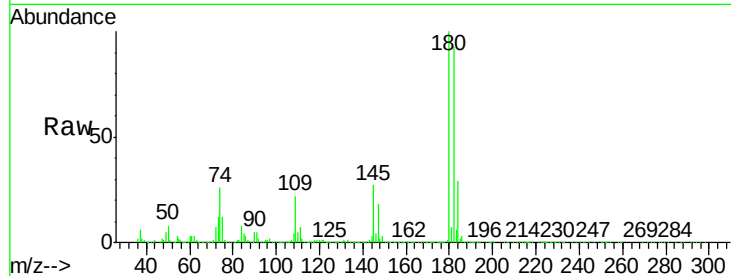
#93
 1,2,4-Trichlorobenzene
 Concen: 18.229 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014373.D
 Acq: 31 Dec 2019 12:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1231WBS01

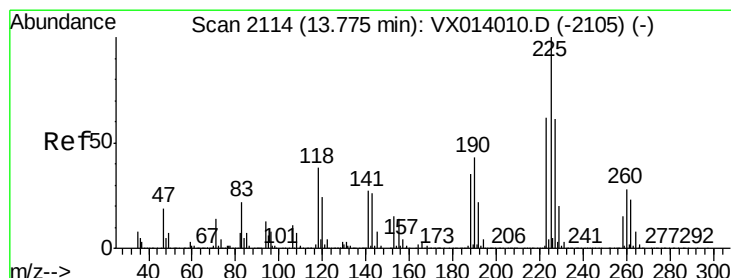
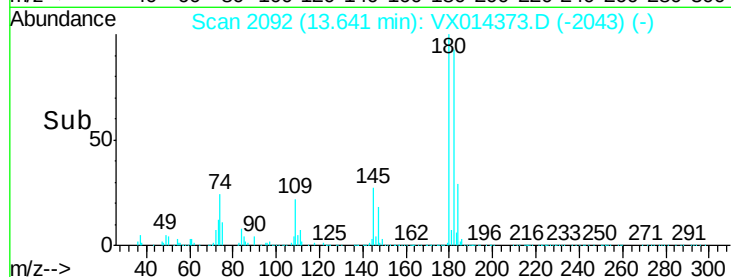
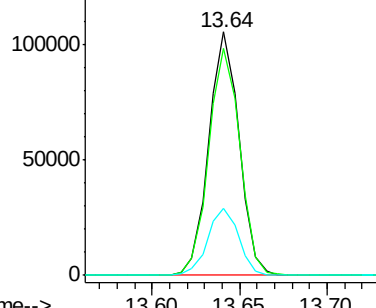
Tot Ion	Ratio	Resp	Lower	Upper
180	100	127271		
182	95.7	46.6	139.8	
145	28.4	14.2	42.6	

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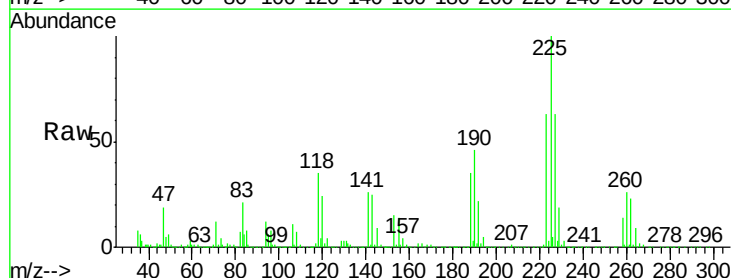


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

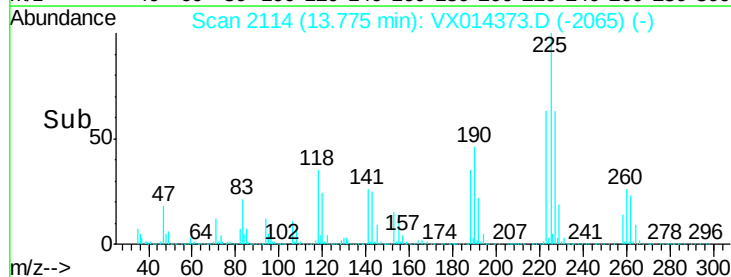
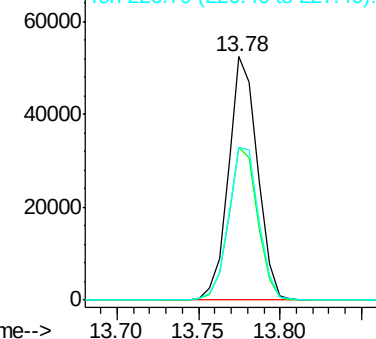


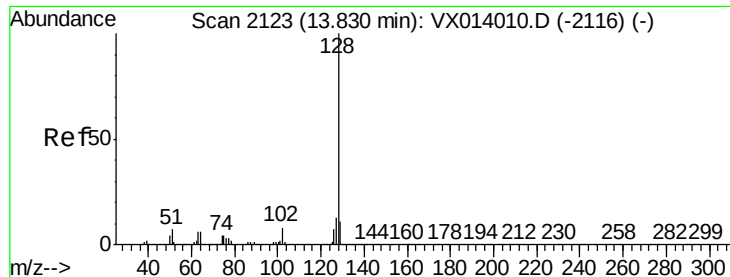
#94
 Hexachlorobutadiene
 Concen: 19.309 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014373.D
 Acq: 31 Dec 2019 12:24

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	64791		
223	62.6	30.9	92.5	
227	65.3	30.9	92.7	



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





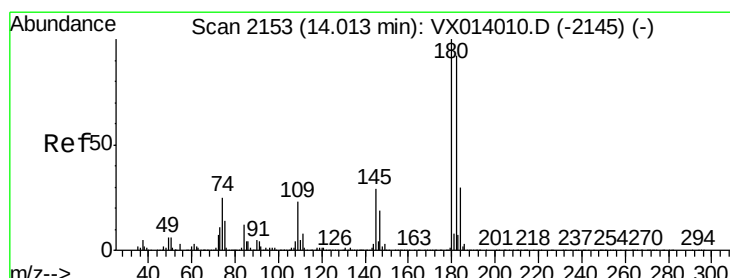
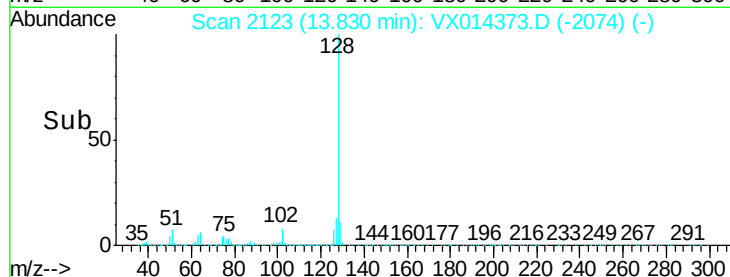
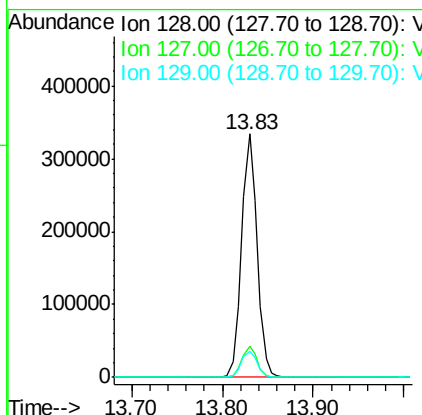
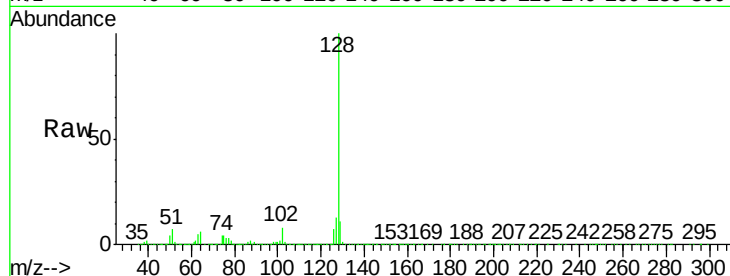
#95
Naphthalene
Concen: 19.390 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014373.D
Acq: 31 Dec 2019 12:24

Instrument :
MSVOA_X
ClientSampled :
VX1231WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.4
129	11.1	8.7	13.1

Manual Integrations
APPROVED

apatel
1/2/2020 9:54:13 AM



#96
1,2,3-Trichlorobenzene
Concen: 18.726 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014373.D
Acq: 31 Dec 2019 12:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.8	46.8	140.3
145	31.3	14.8	44.4

