

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX010620\
 Data File : VX014436.D
 Acq On : 06 Jan 2020 18:38
 Operator : JC/SP
 Sample : VX0106MBSD01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0106MBSD01

Manual Integrations
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 1/7/2020 9:09:29 AM

Quant Time: Jan 07 06:03:45 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	503675	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	763272	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	681472	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	333337	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	278495	48.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.58%	
35) Dibromofluoromethane	5.48	113	231400	49.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.74%	
50) Toluene-d8	8.71	98	873204	48.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.68%	
62) 4-Bromofluorobenzene	11.13	95	315011	47.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.42%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	65522	14.541	ug/l	97
3) Chloromethane	1.32	50	91781	15.178	ug/l	98
4) Vinyl Chloride	1.40	62	101882	15.967	ug/l	98
5) Bromomethane	1.63	94	74988	16.558	ug/l	98
6) Chloroethane	1.72	64	71006	18.030	ug/l	94
7) Trichlorofluoromethane	1.92	101	138933	17.589	ug/l	100
8) Diethyl Ether	2.18	74	65919	17.782	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	84223	17.689	ug/l	97
10) Methyl Iodide	2.50	142	111335	19.422	ug/l	99
11) Tert butyl alcohol	3.03	59	116658	94.577	ug/l	98
12) 1,1-Dichloroethene	2.37	96	82201	16.966	ug/l	100
13) Acrolein	2.28	56	52083	73.764	ug/l	98
14) Allyl chloride	2.72	41	147706	17.074	ug/l	99
15) Acrylonitrile	3.13	53	270378	93.914	ug/l	99
16) Acetone	2.43	43	244021	65.845	ug/l	98
17) Carbon Disulfide	2.56	76	185601	14.342	ug/l	99
18) Methyl Acetate	2.76	43	144953	19.739	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	308135	19.354	ug/l	97
20) Methylene Chloride	2.85	84	106955	18.327	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	88567	16.593	ug/l	97
22) Diisopropyl ether	3.84	45	329057	19.088	ug/l	98
23) Vinyl Acetate	3.80	43	1286196	91.429	ug/l	100
24) 1,1-Dichloroethane	3.69	63	173059	18.044	ug/l	99
25) 2-Butanone	4.66	43	380386	83.252	ug/l	100
26) 2,2-Dichloropropane	4.57	77	132831	17.838	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	108378	17.953	ug/l	94
28) Bromochloromethane	5.01	49	69608	19.154	ug/l	98
29) Tetrahydrofuran	5.12	42	240298	94.028	ug/l	98
30) Chloroform	5.20	83	170414	18.743	ug/l	97
31) Cyclohexane	5.57	56	141407	16.577	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	144467	18.644	ug/l	99
36) 1,1-Dichloropropene	5.79	75	120530	17.210	ug/l	100
37) Ethyl Acetate	4.82	43	147790	19.110	ug/l	98
38) Carbon Tetrachloride	5.78	117	118461	18.567	ug/l	96

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	143282	16.569	ug/l	95
40) Benzene	6.14	78	386045	17.915	ug/l	96
41) Methacrylonitrile	5.03	41	82672	19.266	ug/l	99
42) 1,2-Dichloroethane	6.19	62	139811	19.140	ug/l	99
43) Isopropyl Acetate	6.43	43	249761	19.514	ug/l	98
44) Trichloroethene	7.20	130	110720	18.602	ug/l	99
45) 1,2-Dichloropropane	7.51	63	104095	18.847	ug/l	99
46) Dibromomethane	7.65	93	65912	18.050	ug/l	98
47) Bromodichloromethane	7.89	83	129381	18.813	ug/l	95
48) Methyl methacrylate	7.76	41	117545	18.755	ug/l	98
49) 1,4-Dioxane	7.73	88	46163	361.944	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	758638	94.381	ug/l	100
52) Toluene	8.78	92	246565	18.103	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	143284	19.001	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	158985	18.924	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	105767	19.375	ug/l	98
56) Ethyl methacrylate	9.17	69	166971	19.472	ug/l	99
57) 1,3-Dichloropropane	9.37	76	176116	19.175	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	316193	97.437	ug/l	98
59) 2-Hexanone	9.48	43	581007	89.791	ug/l	100
60) Dibromochloromethane	9.57	129	108893	20.068	ug/l	99
61) 1,2-Dibromoethane	9.67	107	107041	19.165	ug/l	100
64) Tetrachloroethene	9.33	164	138120	22.905	ug/l	95
65) Chlorobenzene	10.14	112	267322	18.449	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	102845	19.879	ug/l	99
67) Ethyl Benzene	10.25	91	459820	18.458	ug/l	100
68) m/p-Xylenes	10.36	106	349061	36.432	ug/l	99
69) o-Xylene	10.70	106	174269	18.546	ug/l	100
70) Styrene	10.71	104	291913	18.371	ug/l	99
71) Bromoform	10.85	173	79843	19.199	ug/l	99
73) Isopropylbenzene	11.01	105	457422	19.490	ug/l	100
74) N-amyl acetate	10.89	43	215247	19.566	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	148714	18.277	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	149964m	20.723	ug/l	
77) Bromobenzene	11.25	156	122417	18.958	ug/l	97
78) n-propylbenzene	11.35	91	500099	18.997	ug/l	98
79) 2-Chlorotoluene	11.42	91	304054	19.001	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	380234	19.250	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	48436	18.891	ug/l	95
82) 4-Chlorotoluene	11.51	91	346462	18.665	ug/l	99
83) tert-Butylbenzene	11.76	119	351038	18.262	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	382133	19.319	ug/l	100
85) sec-Butylbenzene	11.94	105	440809	19.426	ug/l	100
86) p-Isopropyltoluene	12.06	119	398582	19.202	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	210073	18.562	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	209032	18.165	ug/l	99
89) n-Butylbenzene	12.39	91	328290	18.535	ug/l	99
90) Hexachloroethane	12.59	117	70096	18.801	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	214571	18.834	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	33476	18.592	ug/l	97

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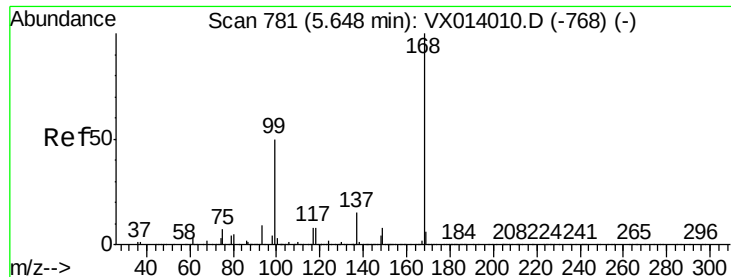
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Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	139189	18.798	ug/l	96
94) Hexachlorobutadiene	13.78	225	68119	19.142	ug/l	97
95) Naphthalene	13.83	128	451334	20.746	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	143953	19.694	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX014436.D

Acq: 06 Jan 2020 18:38

Instrument :

MSVOA_X

ClientSampleId :

VX0106MBSD01

Tgt Ion: 168 Resp: 503675

Ion Ratio Lower Upper

168 100

99 49.5

40.3

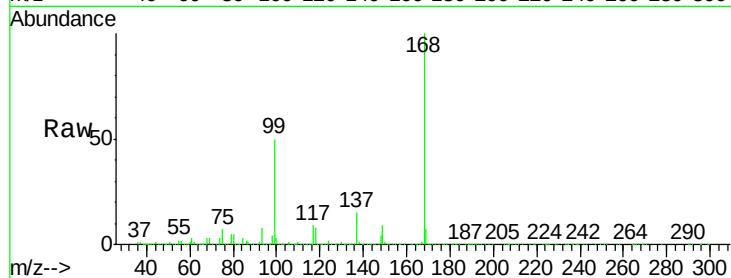
60.5

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

200000

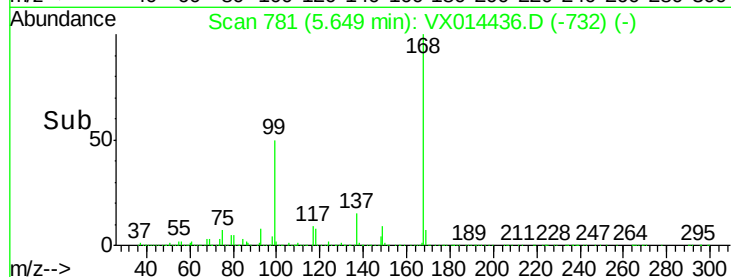
150000

100000

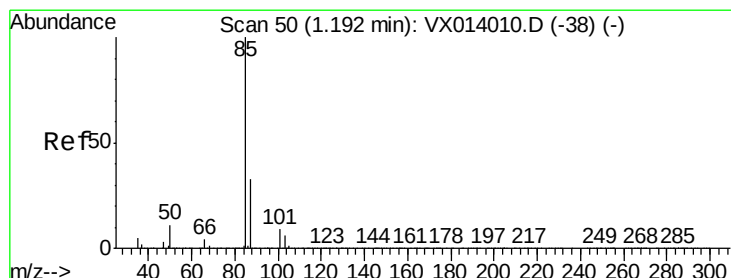
50000

0

5.50 5.60 5.70 5.80



Time-->



#2

Dichlorodifluoromethane

Concen: 14.541 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014436.D

Acq: 06 Jan 2020 18:38

Tgt Ion: 85 Resp: 65522

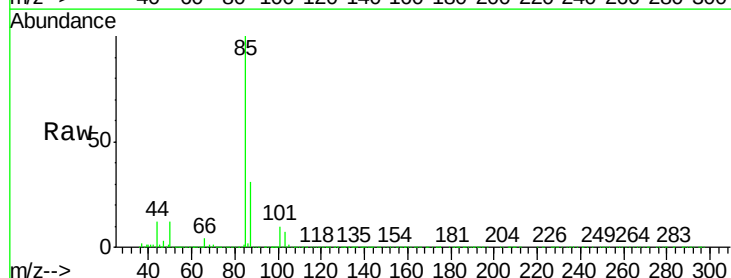
Ion Ratio Lower Upper

85 100

87 30.8

16.4

49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

80000

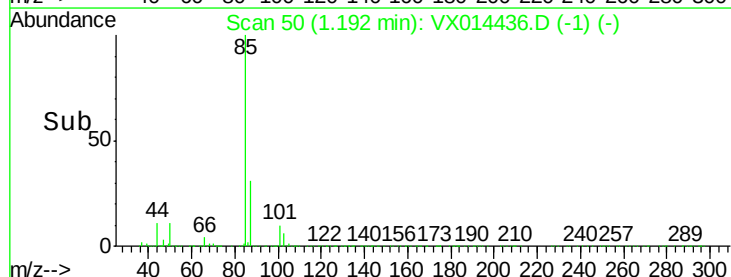
60000

40000

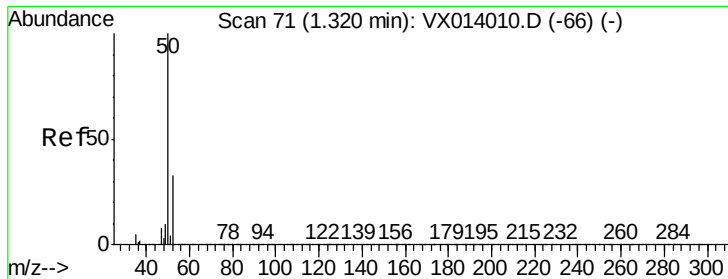
20000

0

1.15 1.20 1.25



Time-->



#3

Chloromethane

Concen: 15.178 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014436.D

Acq: 06 Jan 2020 18:38

Instrument :

MSVOA_X

ClientSampleId :

VX0106MBS01

Tgt Ion: 50 Resp: 91781

Ion Ratio Lower Upper

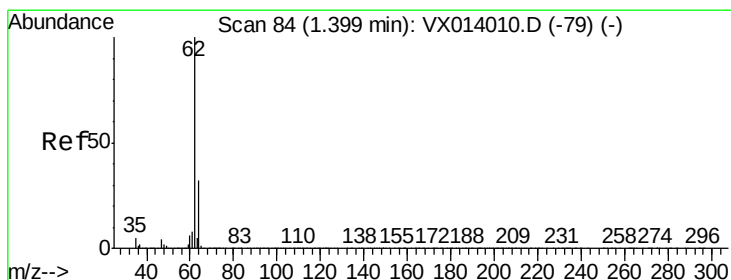
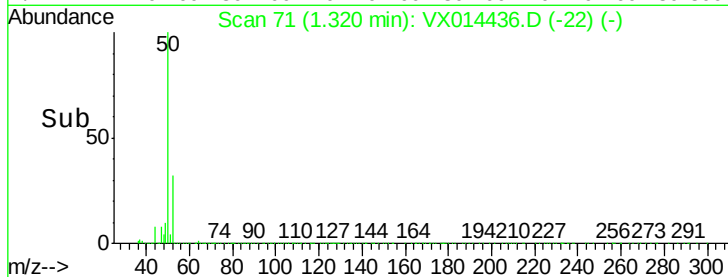
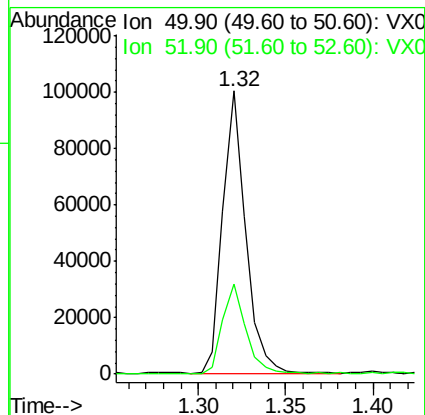
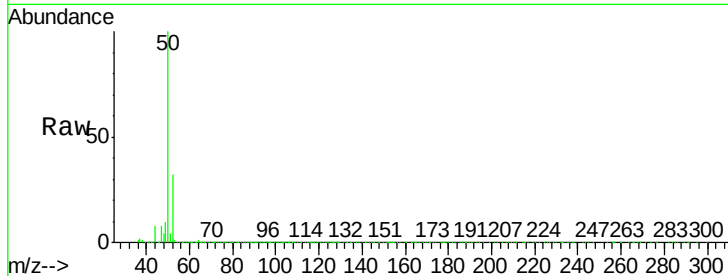
50 100

52 31.8 26.2 39.4

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#4

Vinyl Chloride

Concen: 15.967 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014436.D

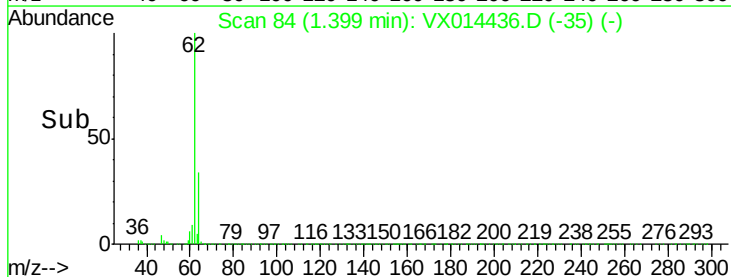
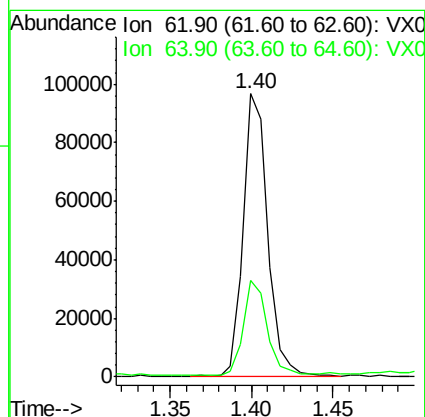
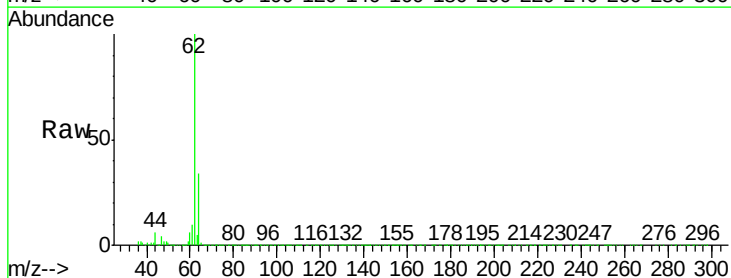
Acq: 06 Jan 2020 18:38

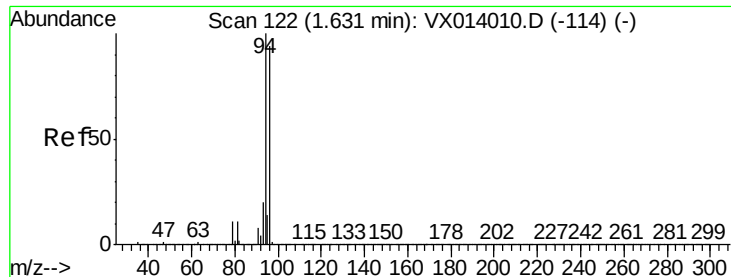
Tgt Ion: 62 Resp: 101882

Ion Ratio Lower Upper

62 100

64 33.4 25.7 38.5





#5

Bromomethane

Concen: 16.558 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014436.D

Acq: 06 Jan 2020 18:38

Instrument :

MSVOA_X

ClientSampleId :

VX0106MBSD01

Tgt Ion: 94 Resp: 74988

Ion Ratio Lower Upper

94 100

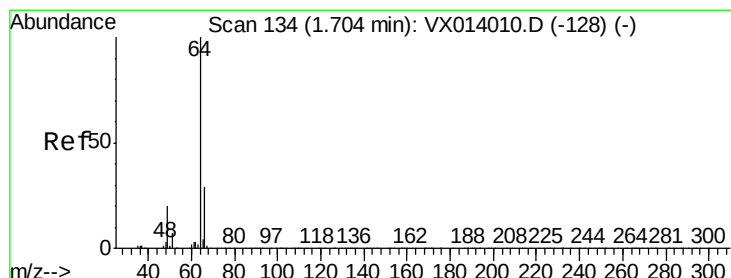
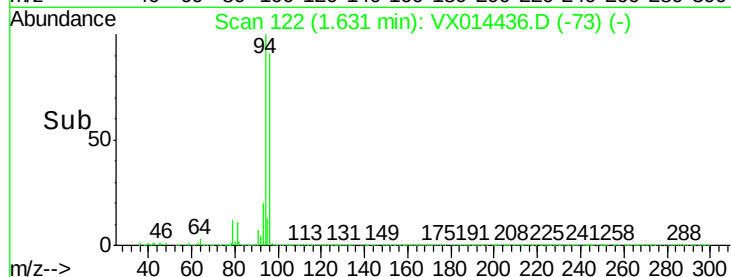
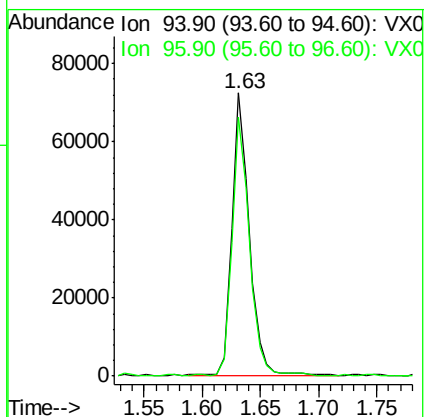
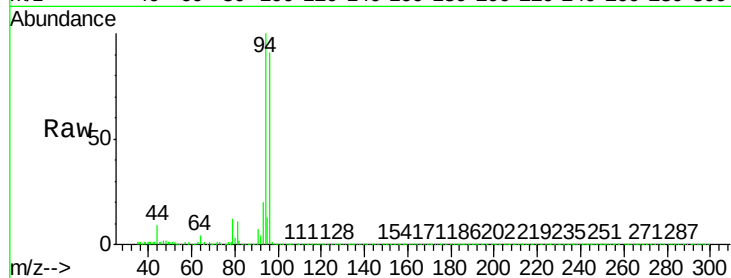
96 91.6 75.2 112.8

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#6

Chloroethane

Concen: 18.030 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX014436.D

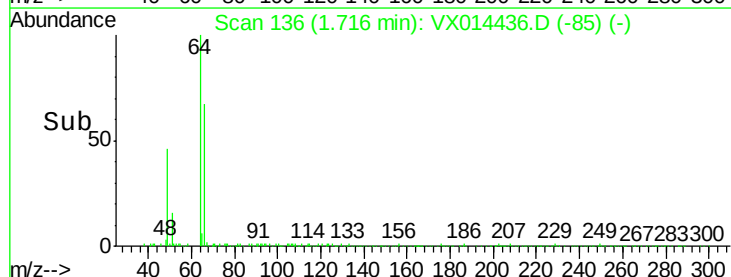
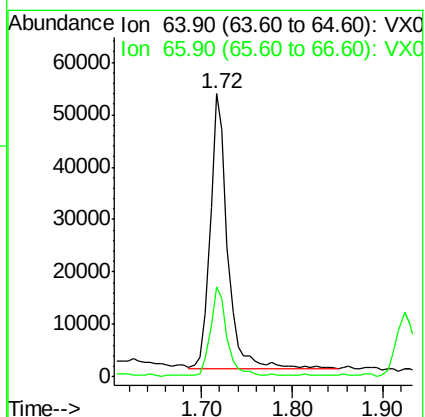
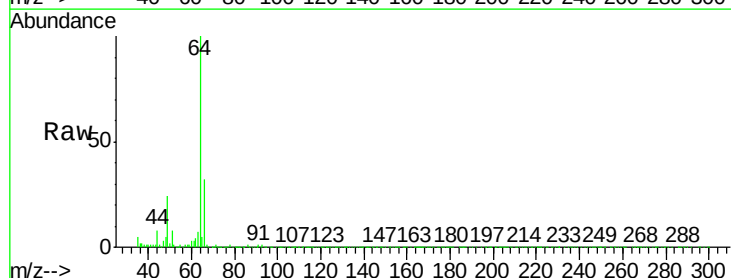
Acq: 06 Jan 2020 18:38

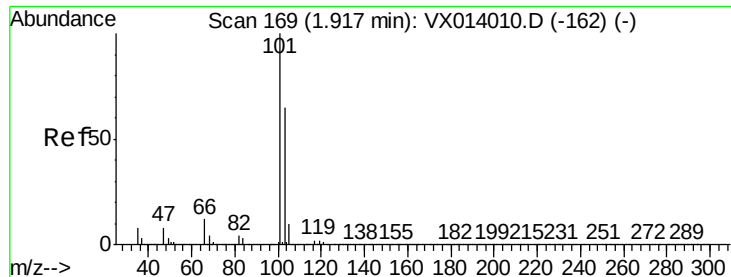
Tgt Ion: 64 Resp: 71006

Ion Ratio Lower Upper

64 100

66 32.5 23.4 35.2





#7

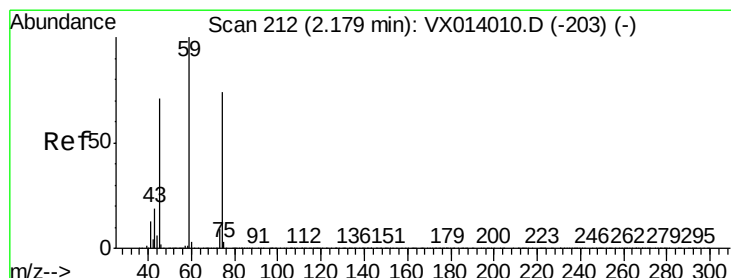
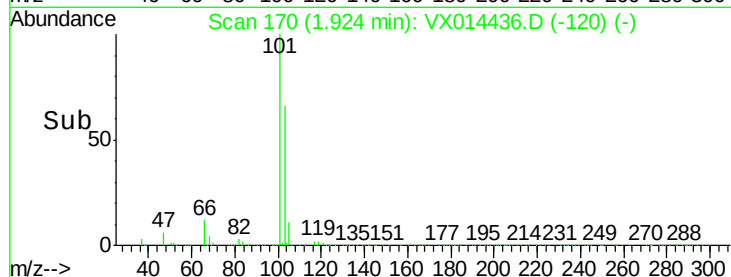
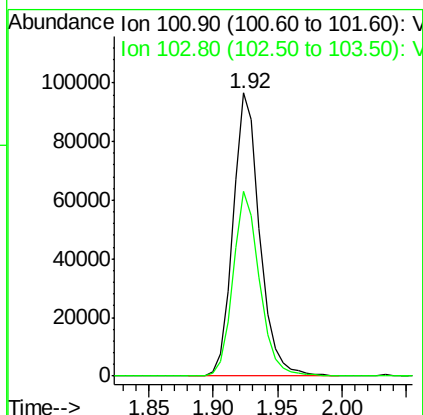
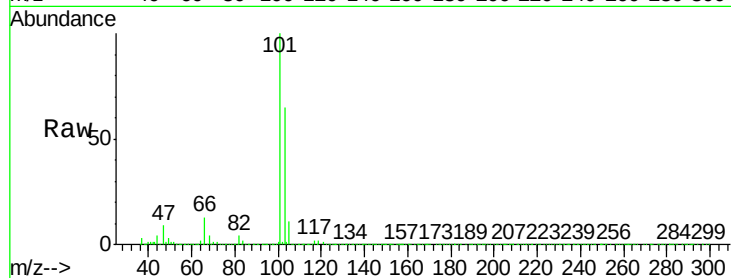
Trichlorofluoromethane
Concen: 17.589 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014436.D
Acq: 06 Jan 2020 18:38

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VX0106MBS01

Tgt Ion	Ratio	Resp	Lower	Upper
101	100	138933		
103	65.3	52.2	78.4	

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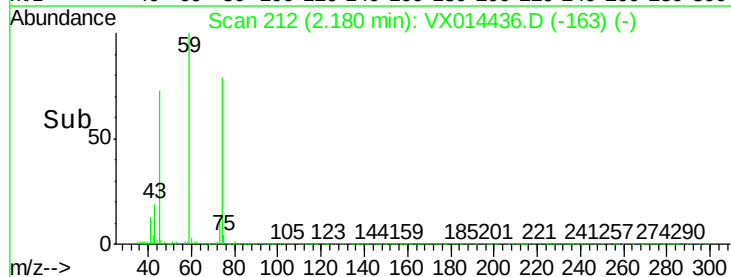
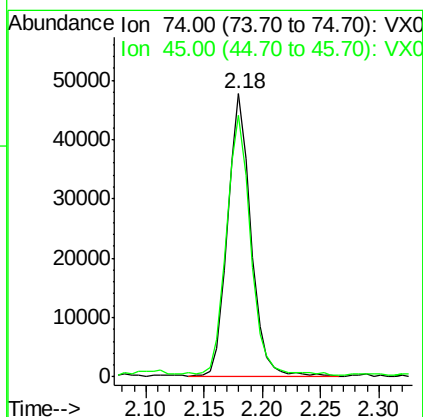
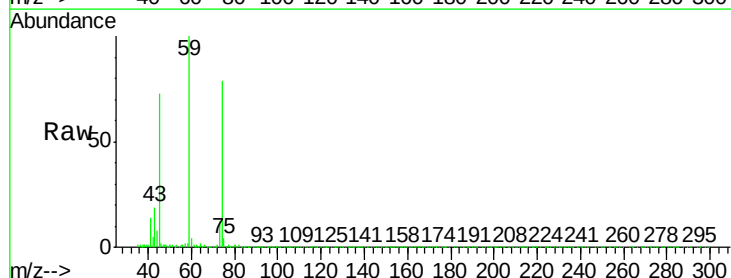
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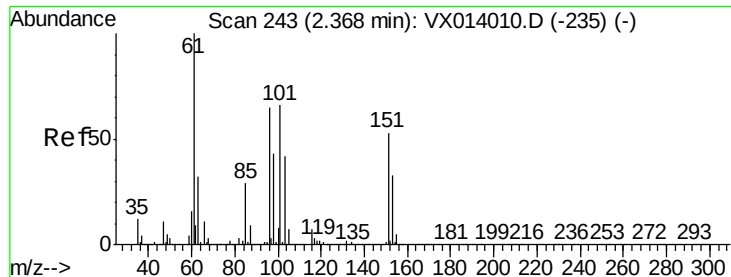


#8

Diethyl Ether
Concen: 17.782 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014436.D
Acq: 06 Jan 2020 18:38

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	65919		
45	95.3	48.1	144.3	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.689 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014436.D

Acq: 06 Jan 2020 18:38

Instrument :

MSVOA_X

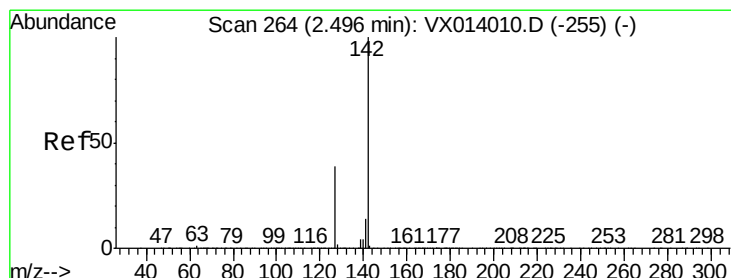
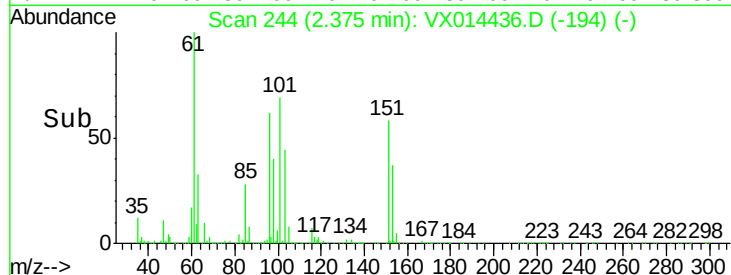
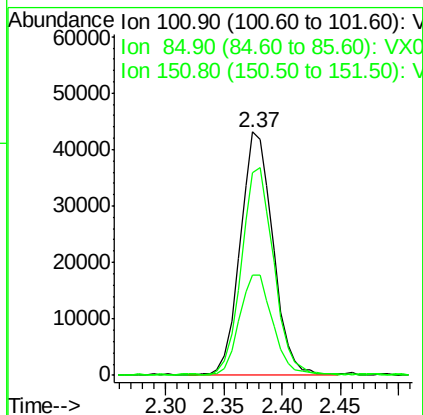
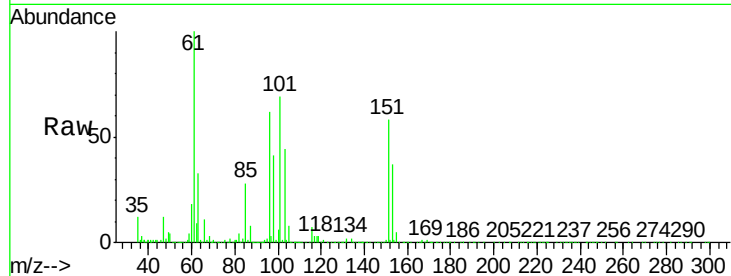
ClientSampleId :

VX0106MBS01

Tgt Ion:	101	Resp:	84223
Ion Ratio	Lower	Upper	
101	100		
85	41.6	33.7	50.5
151	84.5	64.5	96.7

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#10

Methyl Iodide

Concen: 19.422 ug/l

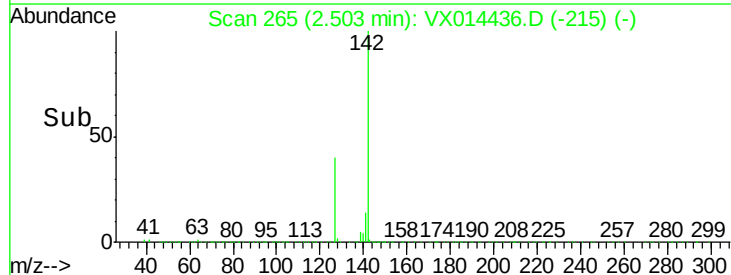
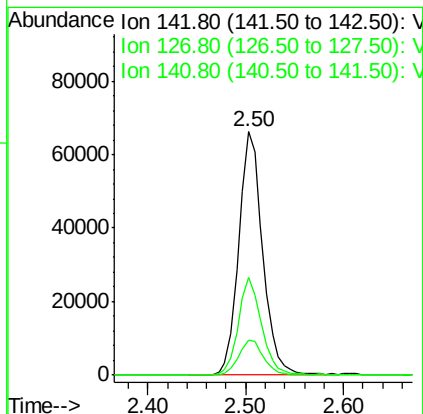
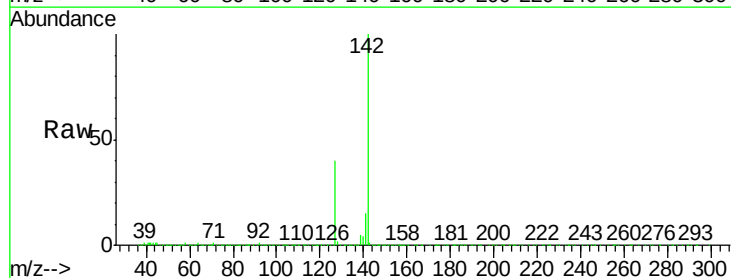
RT: 2.50 min Scan# 265

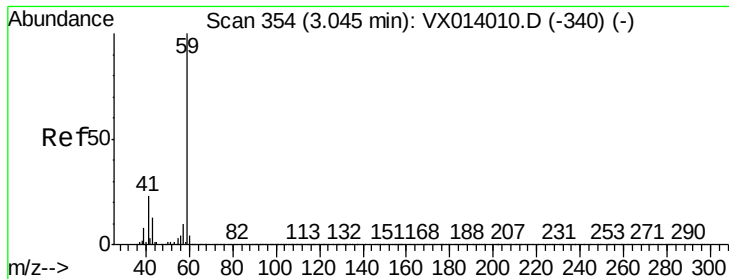
Delta R.T. 0.01 min

Lab File: VX014436.D

Acq: 06 Jan 2020 18:38

Tgt Ion:	142	Resp:	111335
Ion Ratio	Lower	Upper	
142	100		
127	39.5	31.6	47.4
141	15.3	11.6	17.4





#11

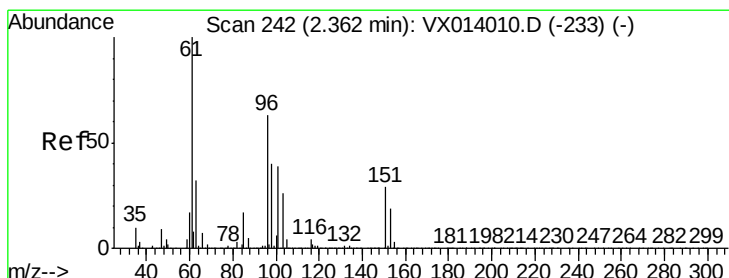
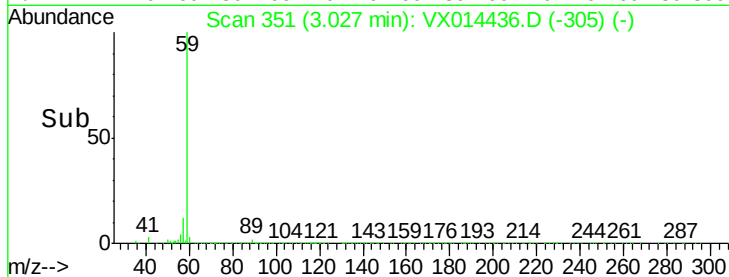
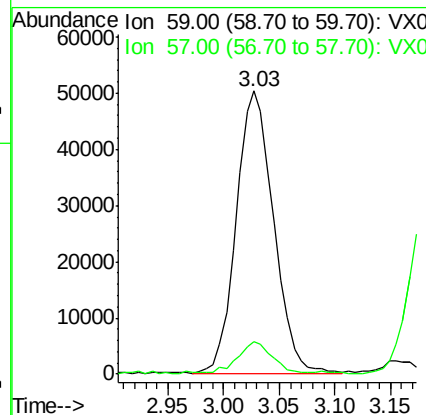
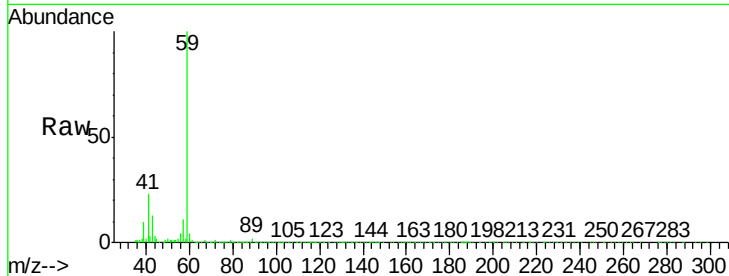
Tert butyl alcohol
Concen: 94.577 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.02 min
Lab File: VX014436.D
Acq: 06 Jan 2020 18:38

Instrument :
MSVOA_X
ClientSampleId :
VX0106MBSD01

Tgt Ion	Ratio	Resp Lower	Upper
59	100		
57	9.6	8.4	12.6

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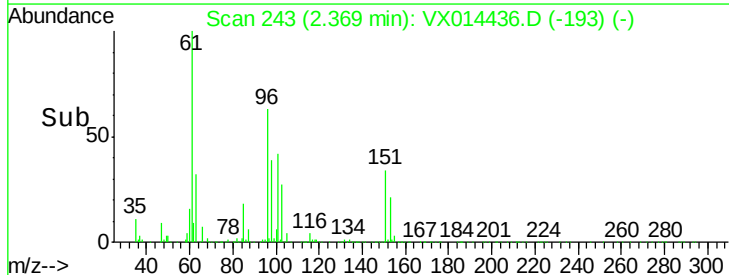
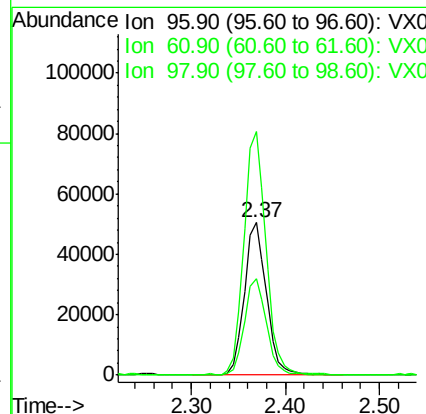
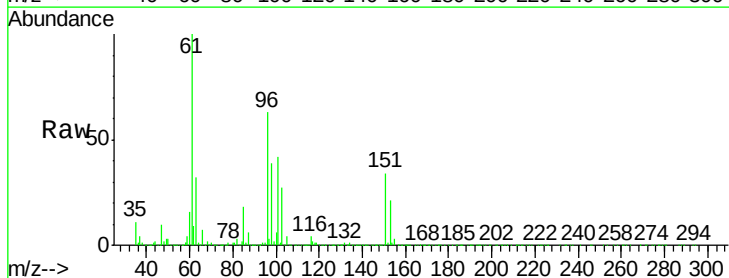
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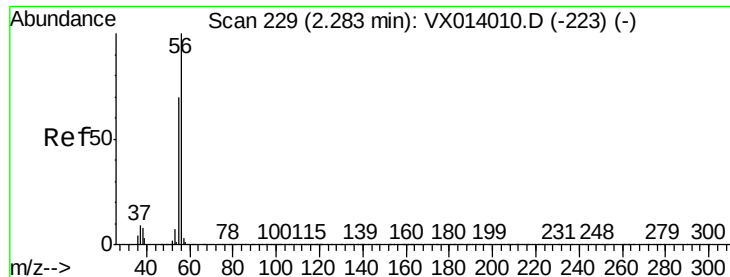


#12

1,1-Dichloroethene
Concen: 16.966 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.01 min
Lab File: VX014436.D
Acq: 06 Jan 2020 18:38

Tgt Ion	Ratio	Resp Lower	Upper
96	100		
61	159.6	127.9	191.9
98	62.8	50.5	75.7





#13

Acrolein

Concen: 73.764 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014436.D

Acq: 06 Jan 2020 18:38

Instrument :

MSVOA_X

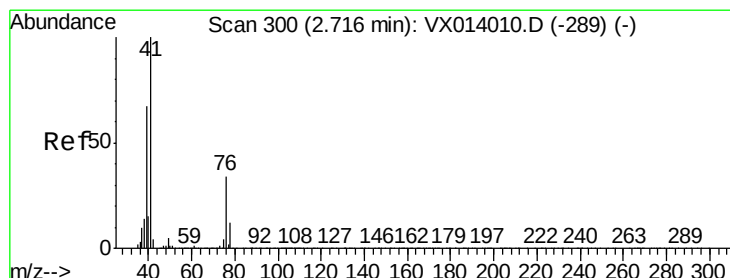
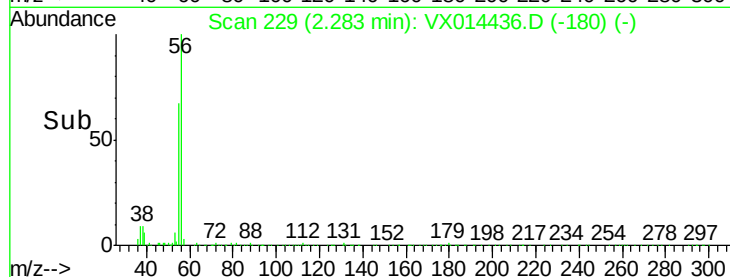
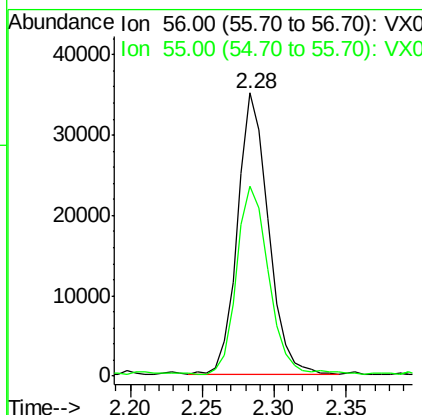
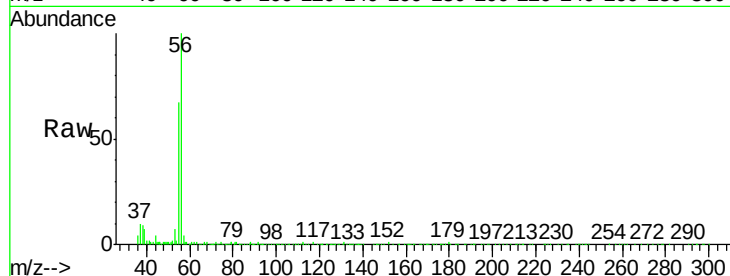
ClientSampleId :

VX0106MBSD01

Tgt Ion:	56	Resp:	52083
Ion Ratio	Lower	Upper	
56	100		
55	69.6	56.9	85.3

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#14

Allyl chloride

Concen: 17.074 ug/l

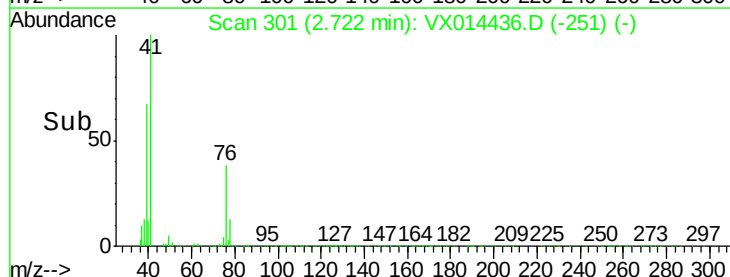
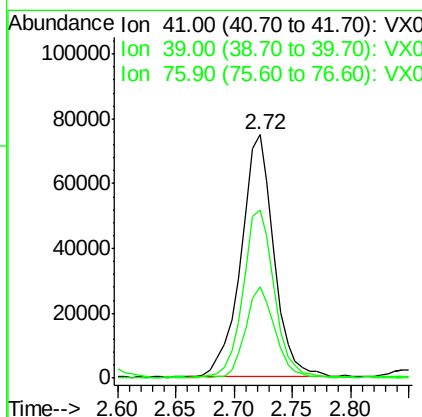
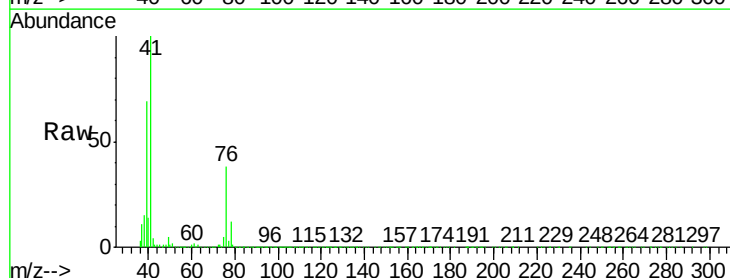
RT: 2.72 min Scan# 301

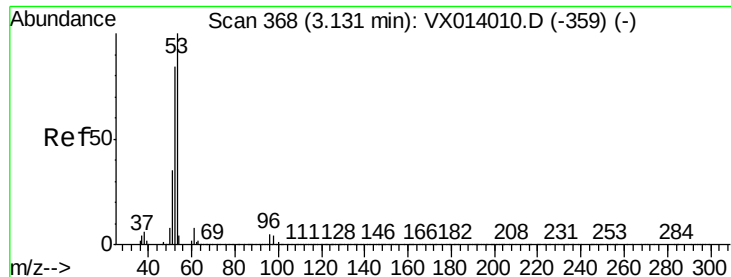
Delta R.T. 0.01 min

Lab File: VX014436.D

Acq: 06 Jan 2020 18:38

Tgt Ion:	41	Resp:	147706
Ion Ratio	Lower	Upper	
41	100		
39	65.8	51.8	77.8
76	33.0	25.9	38.9





#15

Acrylonitrile

Concen: 93.914 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014436.D

Acq: 06 Jan 2020 18:38

Instrument :

MSVOA_X

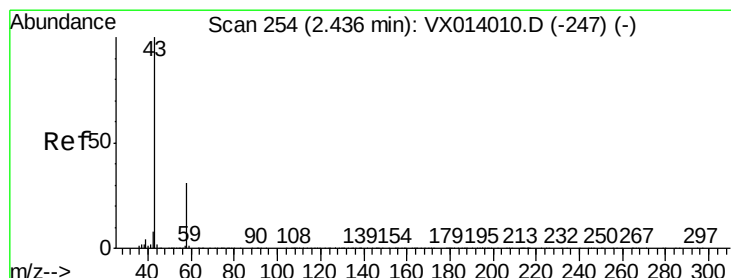
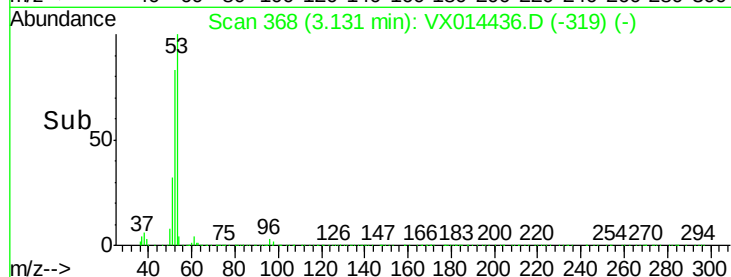
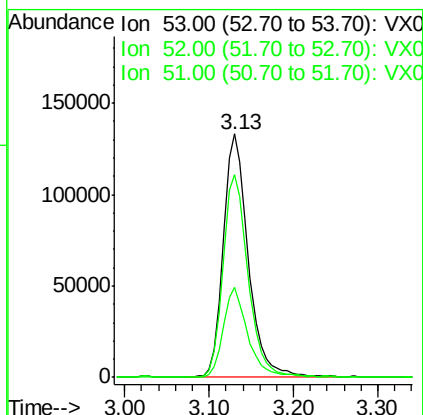
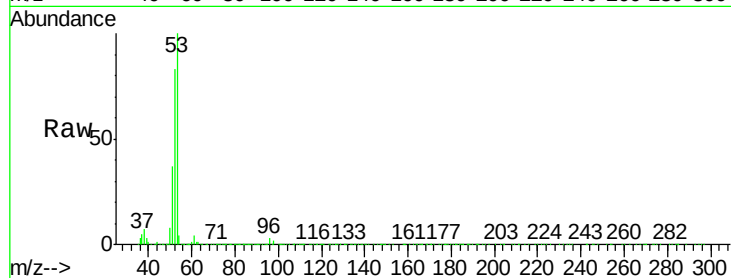
ClientSampled :

VX0106MBSD01

Tgt Ion:	53	Resp:	270378
Ion Ratio	Lower	Upper	
53	100		
52	83.6	66.5	99.7
51	36.1	28.1	42.1

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#16

Acetone

Concen: 65.845 ug/l

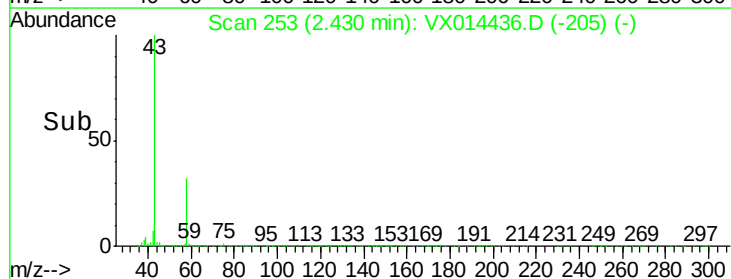
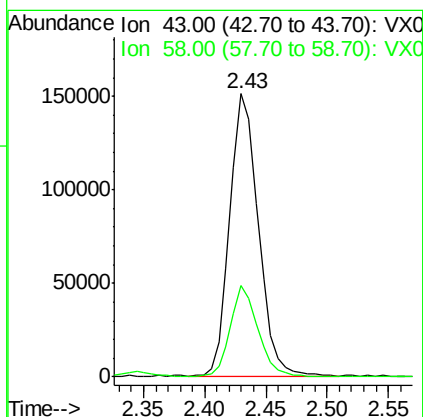
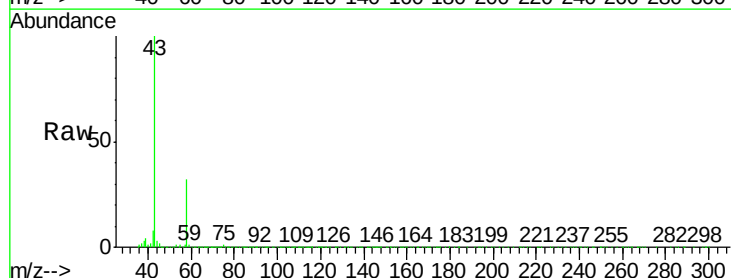
RT: 2.43 min Scan# 253

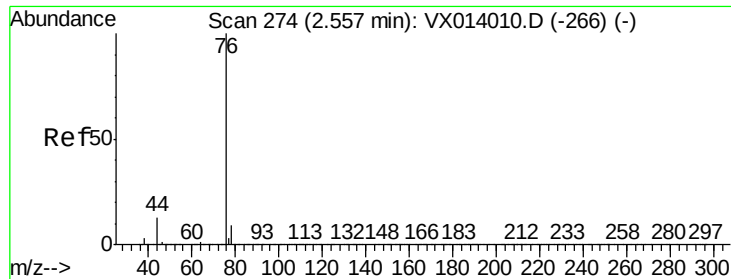
Delta R.T. -0.01 min

Lab File: VX014436.D

Acq: 06 Jan 2020 18:38

Tgt Ion:	43	Resp:	244021
Ion Ratio	Lower	Upper	
43	100		
58	32.1	24.9	37.3





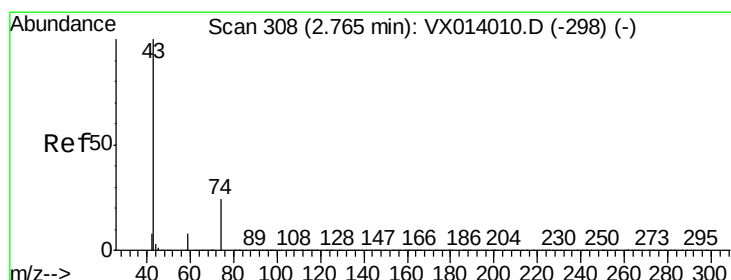
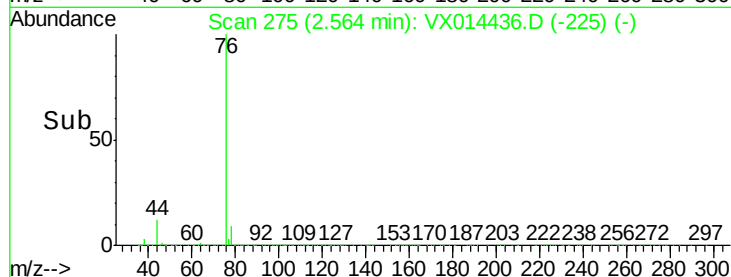
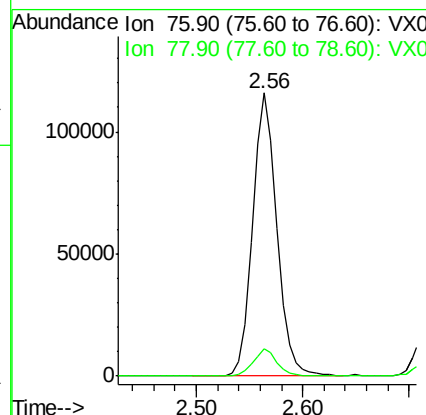
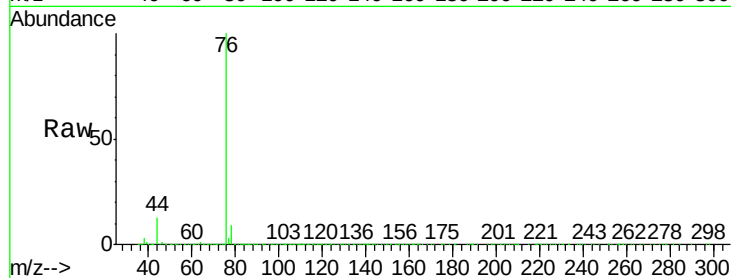
#17
Carbon Disulfide
Concen: 14.342 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.01 min
Lab File: VX014436.D
Acq: 06 Jan 2020 18:38

Instrument :
MSVOA_X
ClientSampleId :
VX0106MBSD01

Tgt Ion	Ratio	Resp Lower	Upper
76	100		
78	9.3	7.2	10.8

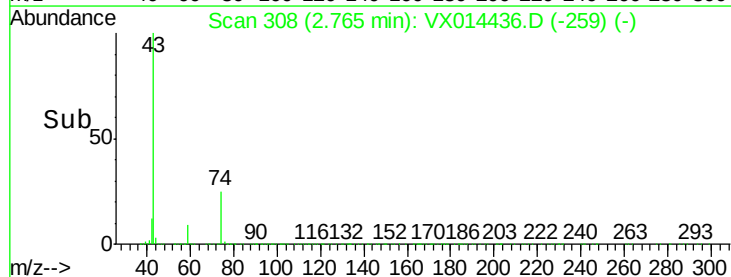
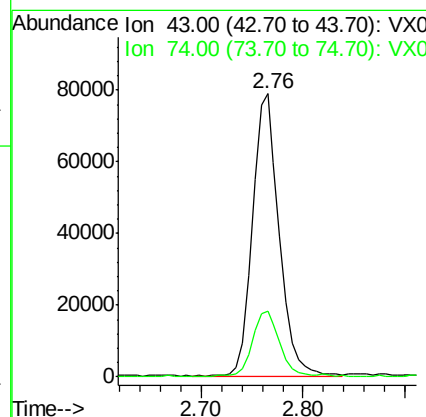
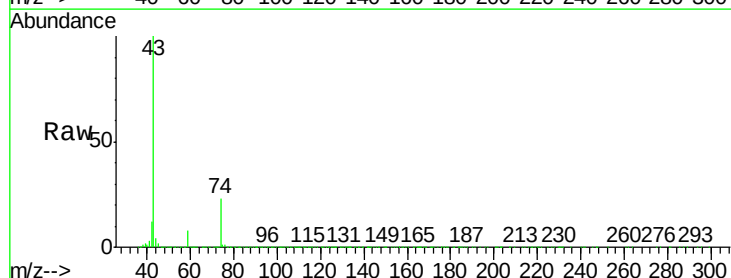
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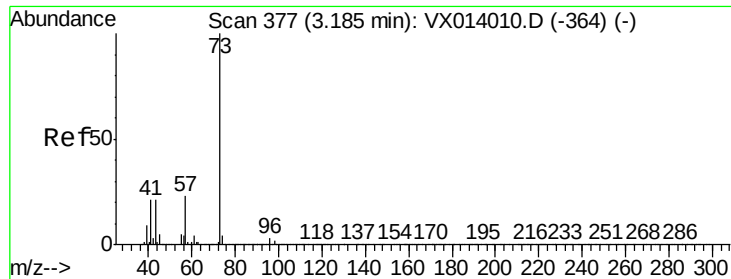
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#18
Methyl Acetate
Concen: 19.739 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.00 min
Lab File: VX014436.D
Acq: 06 Jan 2020 18:38

Tgt Ion	Ratio	Resp Lower	Upper
43	100		
74	23.8	19.5	29.3





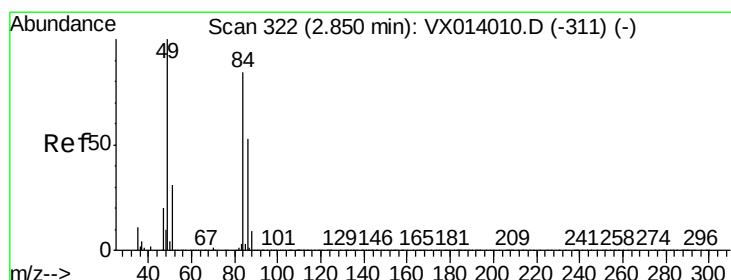
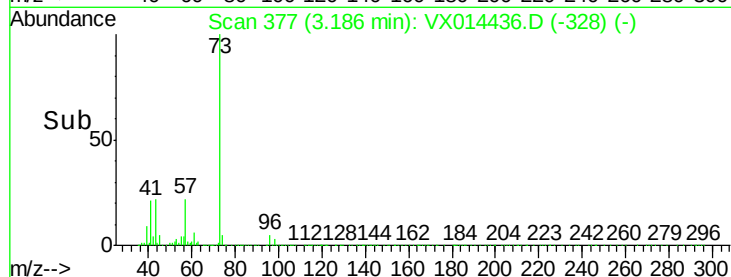
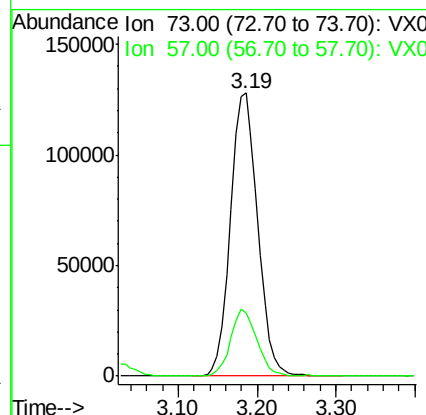
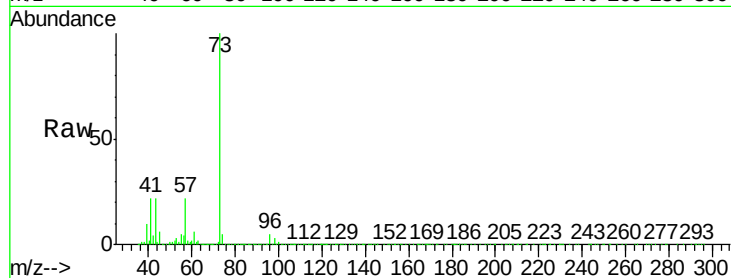
#19
Methyl tert-butyl Ether
Concen: 19.354 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX014436.D
Acq: 06 Jan 2020 18:38

Instrument :
MSVOA_X
ClientSampleId :
VX0106MBSD01

Tgt Ion	Ratio	Lower	Upper
73	100		
57	22.3	18.8	28.2

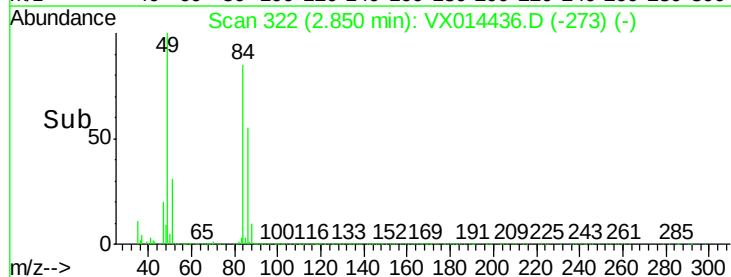
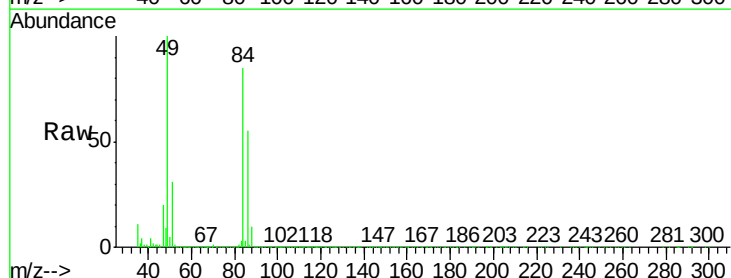
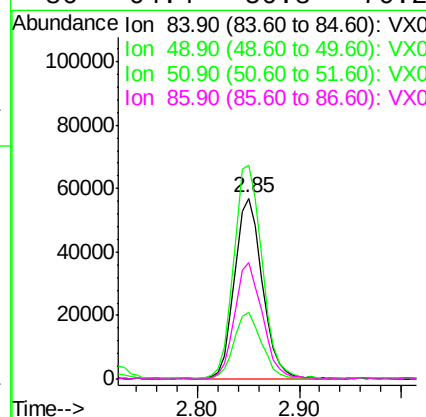
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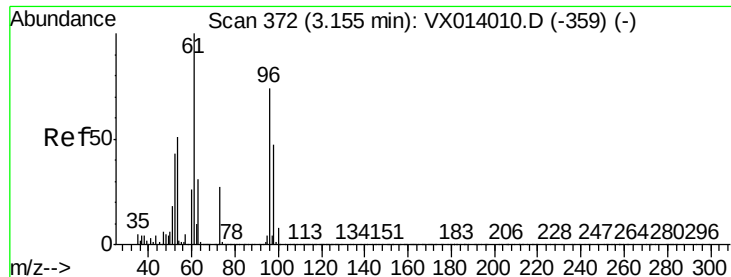
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#20
Methylene Chloride
Concen: 18.327 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014436.D
Acq: 06 Jan 2020 18:38

Tgt Ion	Ratio	Lower	Upper
84	100		
49	118.1	95.8	143.6
51	36.9	29.8	44.8
86	64.4	50.8	76.2





#21

trans-1,2-Dichloroethene

Concen: 16.593 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014436.D

Acq: 06 Jan 2020 18:38

Instrument :

MSVOA_X

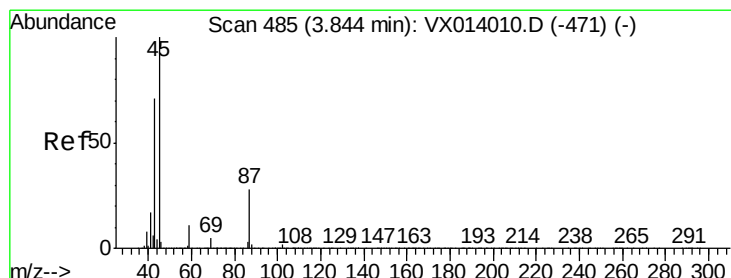
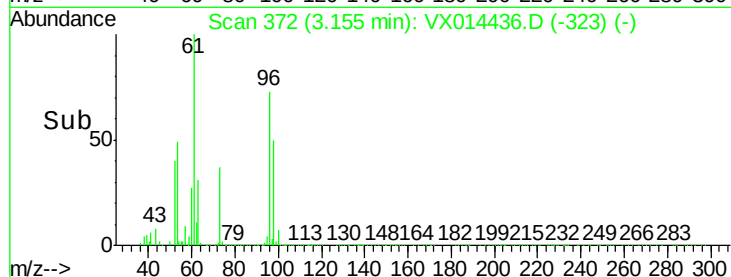
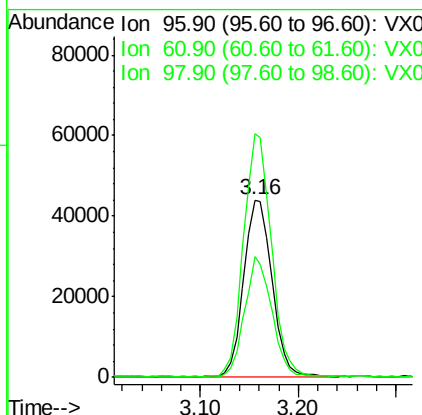
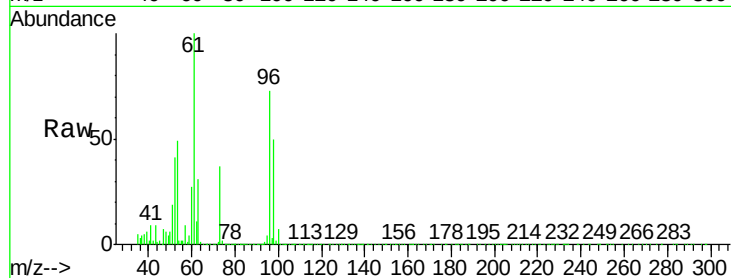
ClientSampleId :

VX0106MBSD01

Tgt Ion:	96	Resp:	88567
Ion Ratio	Lower	Upper	
96	100		
61	137.3	108.3	162.5
98	68.4	50.8	76.2

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#22

Diisopropyl ether

Concen: 19.088 ug/l

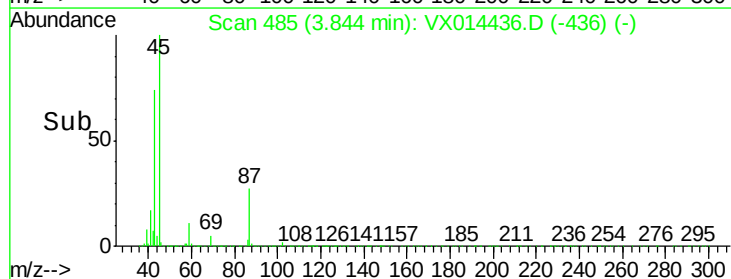
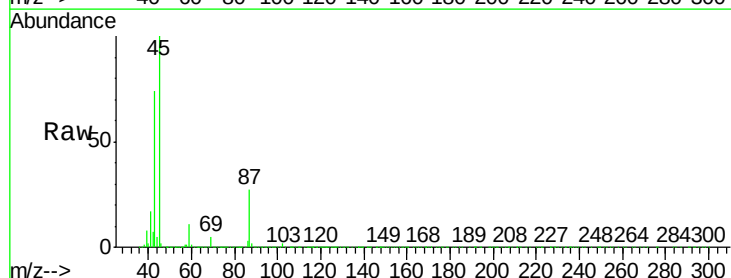
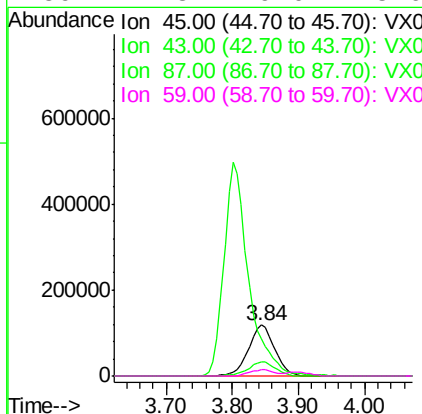
RT: 3.84 min Scan# 485

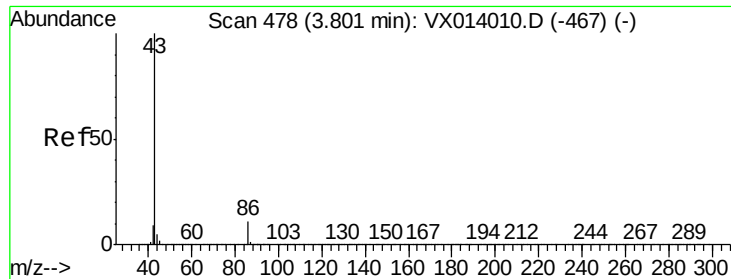
Delta R.T. 0.00 min

Lab File: VX014436.D

Acq: 06 Jan 2020 18:38

Tgt Ion:	45	Resp:	329057
Ion Ratio	Lower	Upper	
45	100		
43	73.6	57.4	86.0
87	26.6	21.9	32.9
59	11.3	9.0	13.6





#23

Vinyl Acetate

Concen: 91.429 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014436.D

Acq: 06 Jan 2020 18:38

Instrument :

MSVOA_X

ClientSampleId :

VX0106MBSD01

Tgt Ion: 43 Resp: 1286196

Ion Ratio Lower Upper

43 100

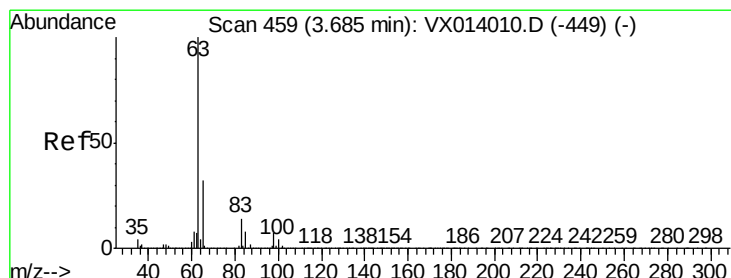
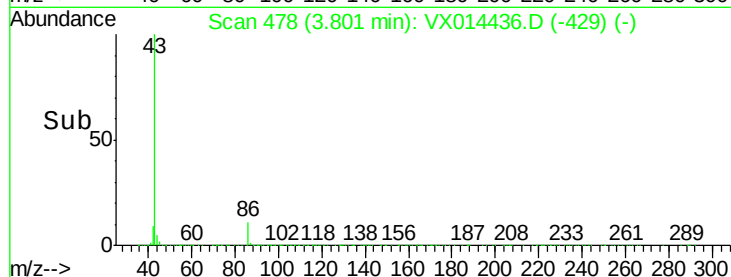
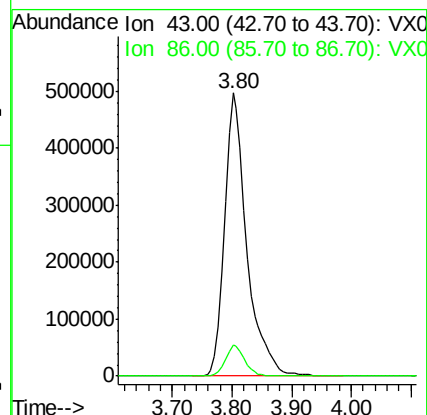
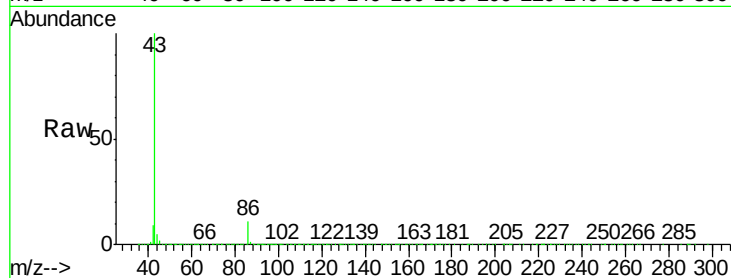
86 10.8 8.6 12.8

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#24

1,1-Dichloroethane

Concen: 18.044 ug/l

RT: 3.69 min Scan# 460

Delta R.T. 0.01 min

Lab File: VX014436.D

Acq: 06 Jan 2020 18:38

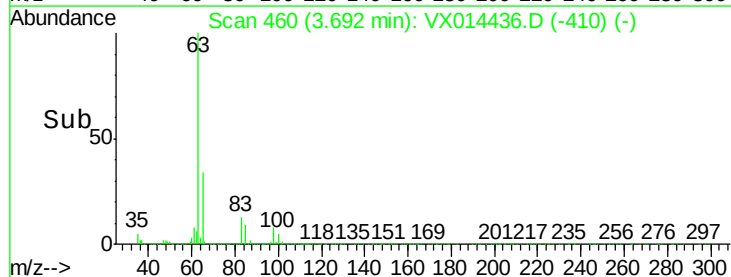
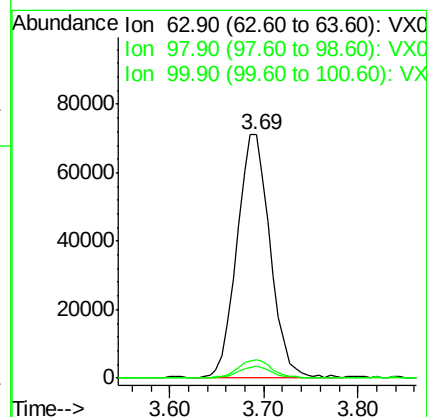
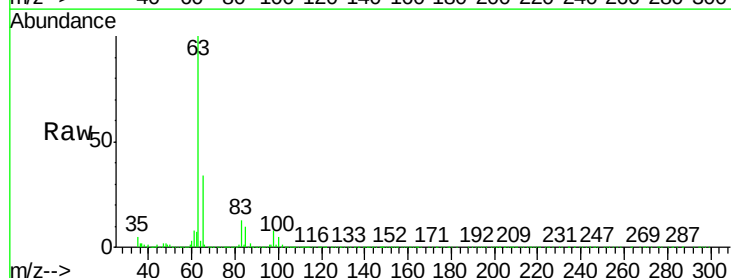
Tgt Ion: 63 Resp: 173059

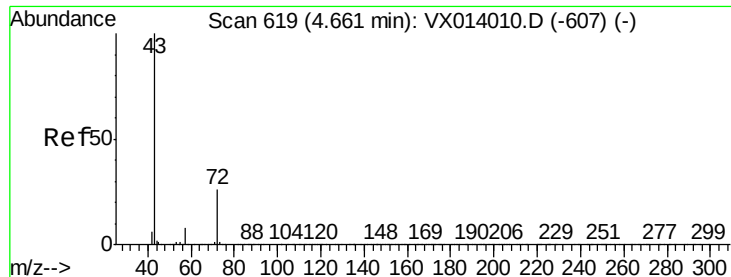
Ion Ratio Lower Upper

63 100

98 7.5 3.6 10.8

100 4.7 2.3 6.8





#25

2-Butanone

Concen: 83.252 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX014436.D

Acq: 06 Jan 2020 18:38

Instrument :

MSVOA_X

ClientSampleId :

VX0106MBSD01

Tgt Ion: 43 Resp: 380386

Ion Ratio Lower Upper

43 100

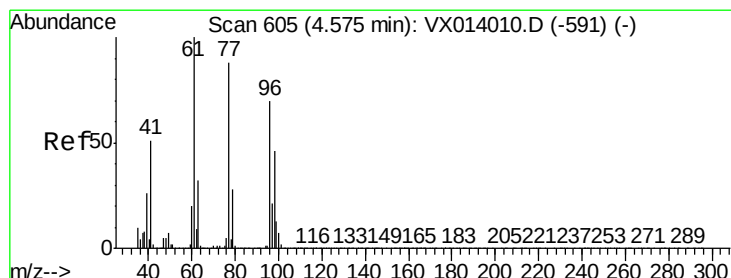
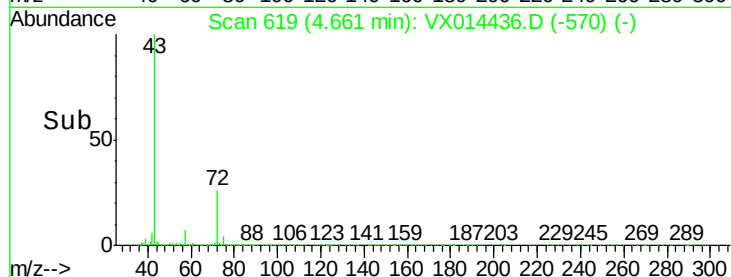
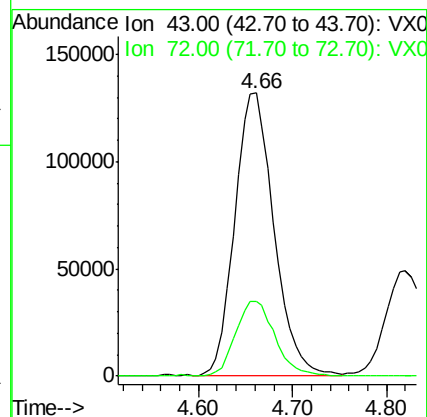
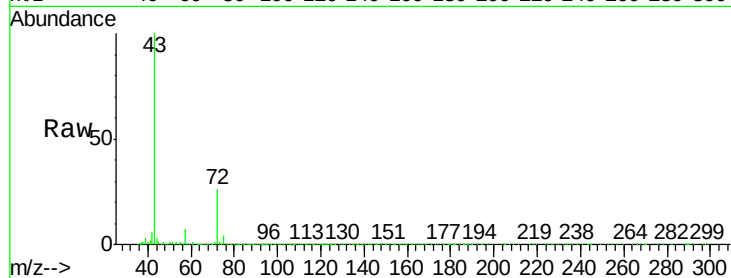
72 26.1 21.0 31.4

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#26

2,2-Dichloropropane

Concen: 17.838 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014436.D

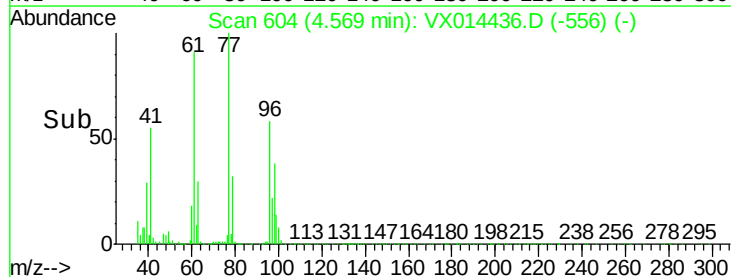
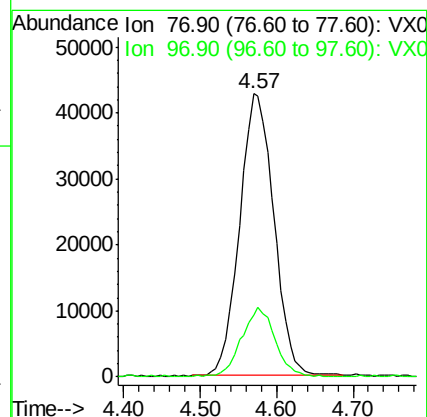
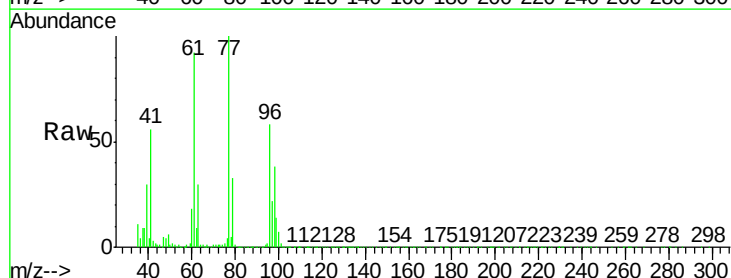
Acq: 06 Jan 2020 18:38

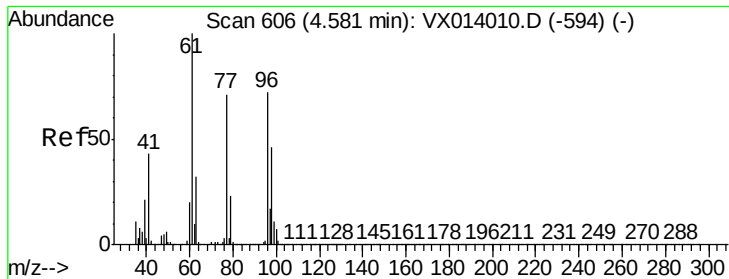
Tgt Ion: 77 Resp: 132831

Ion Ratio Lower Upper

77 100

97 23.7 11.9 35.9





#27

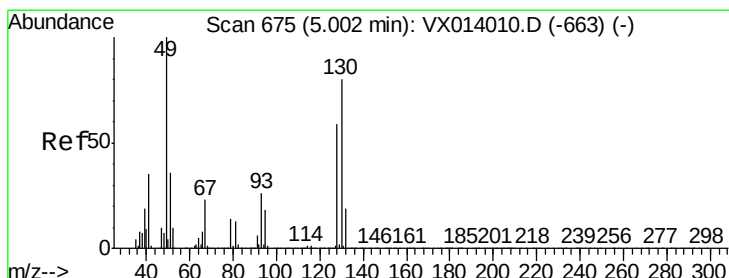
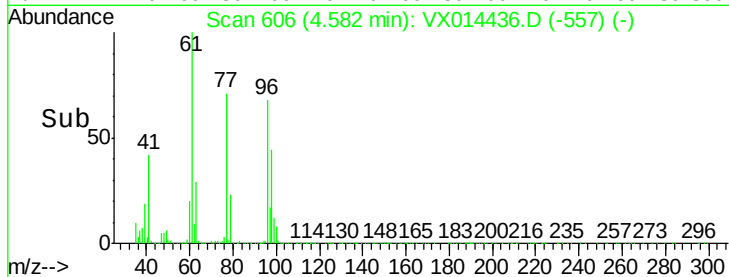
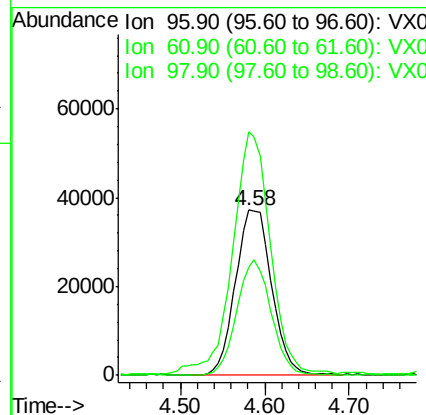
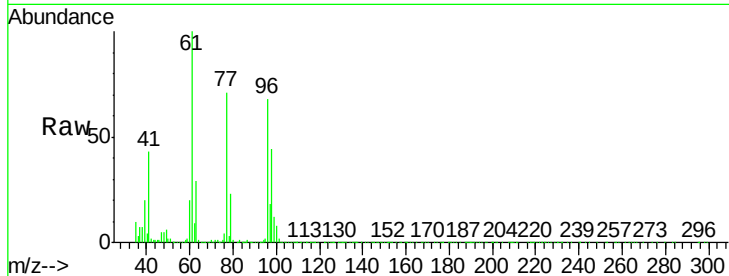
cis-1,2-Dichloroethene
Concen: 17.953 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX014436.D
Acq: 06 Jan 2020 18:38

Instrument :
MSVOA_X
ClientSampled :
VX0106MBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	108378		
61	153.9	0.0	288.4	
98	66.7	0.0	129.6	

Manual Integrations
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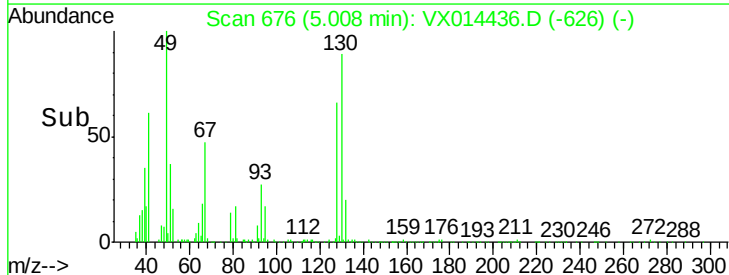
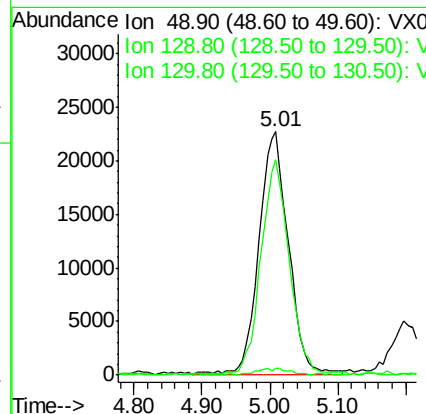
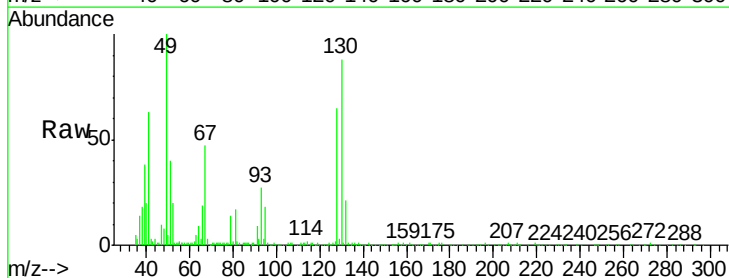
apatel
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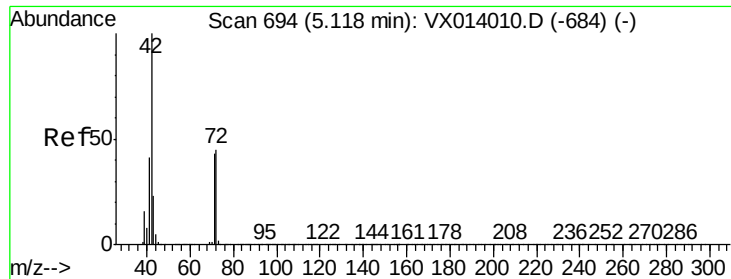


#28

Bromochloromethane
Concen: 19.154 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.01 min
Lab File: VX014436.D
Acq: 06 Jan 2020 18:38

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	69608		
129	1.5	0.0	5.0	
130	83.0	64.6	97.0	





#29

Tetrahydrofuran

Concen: 94.028 ug/l

RT: 5.12 min Scan# 694

Delta R.T. 0.00 min

Lab File: VX014436.D

Acq: 06 Jan 2020 18:38

Instrument :

MSVOA_X

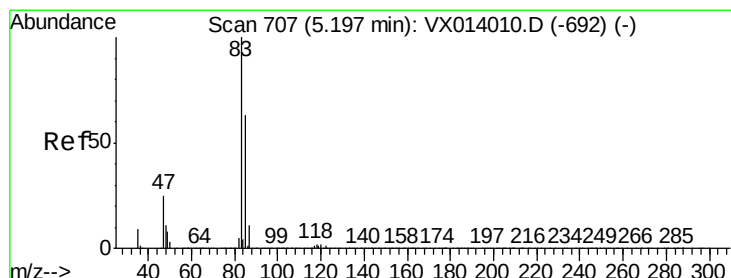
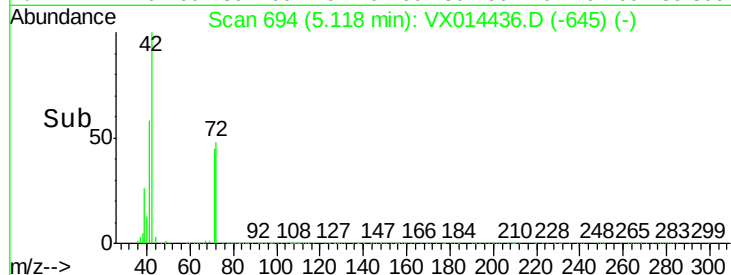
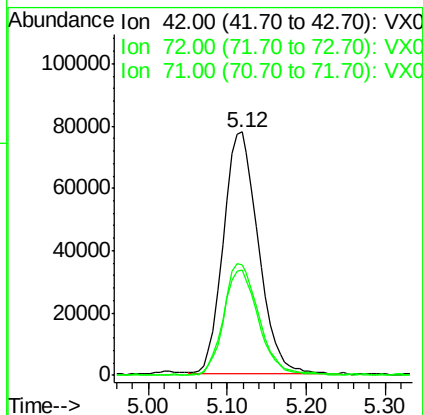
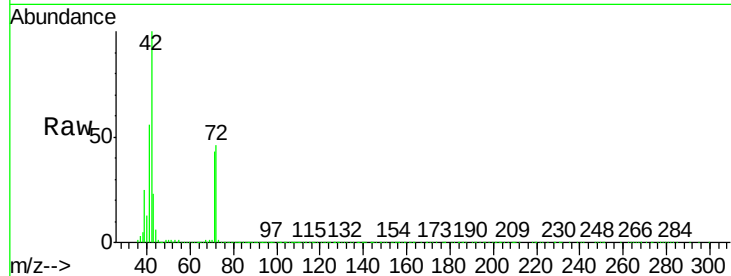
ClientSampleId :

VX0106MBS01

Tgt Ion:	42	Resp:	240298
Ion Ratio		Lower	Upper
42	100		
72	46.6	35.8	53.8
71	42.9	33.6	50.4

Manual Integrations
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#30

Chloroform

Concen: 18.743 ug/l

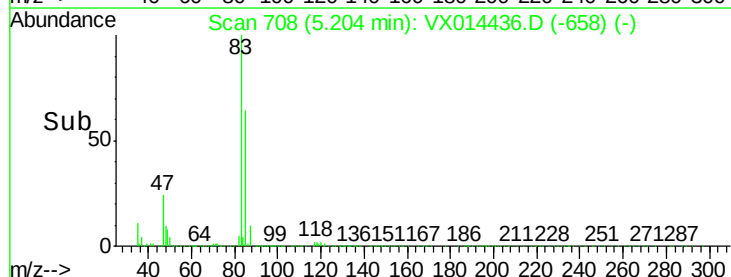
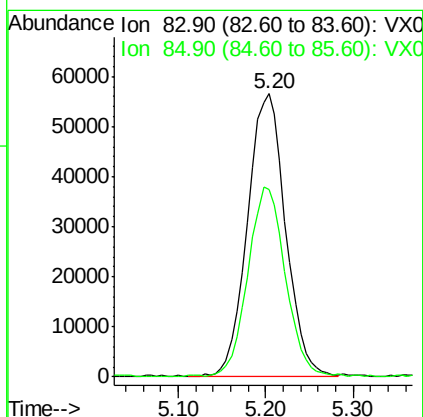
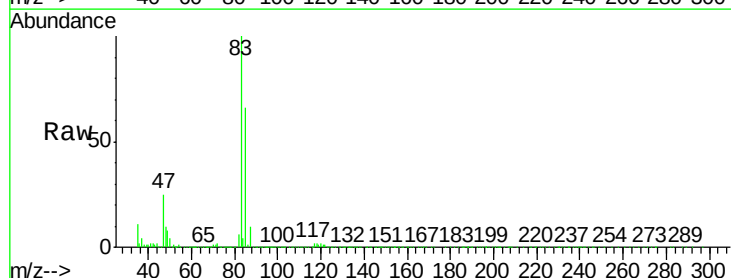
RT: 5.20 min Scan# 708

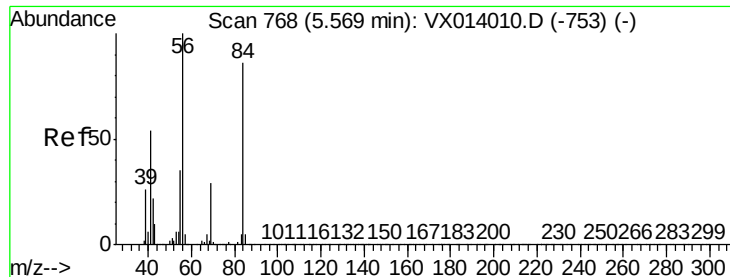
Delta R.T. 0.01 min

Lab File: VX014436.D

Acq: 06 Jan 2020 18:38

Tgt Ion:	83	Resp:	170414
Ion Ratio		Lower	Upper
83	100		
85	65.9	50.8	76.2





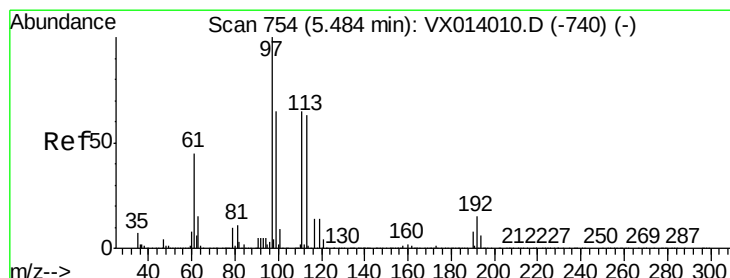
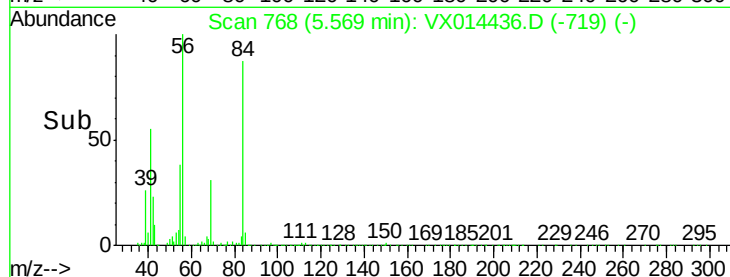
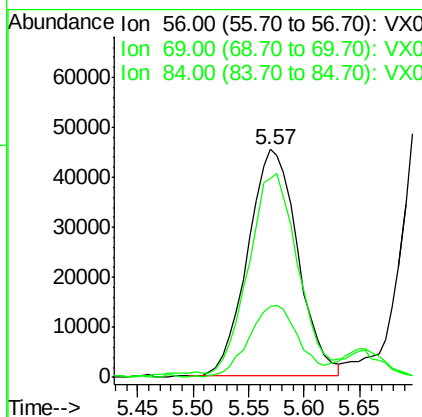
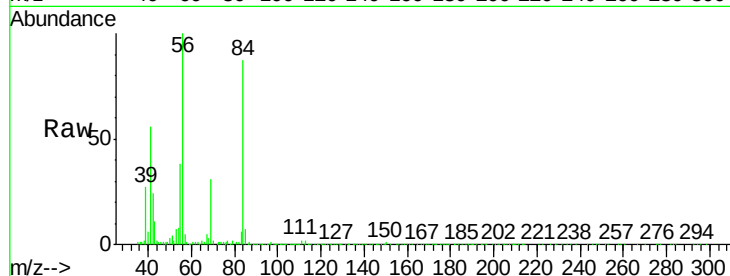
#31
Cyclohexane
Concen: 16.577 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX014436.D
Acq: 06 Jan 2020 18:38

Instrument :
MSVOA_X
ClientSampleId :
VX0106MBSD01

Tgt Ion	Ratio	Lower	Upper
56	100		
69	31.1	23.2	34.8
84	86.2	69.2	103.8

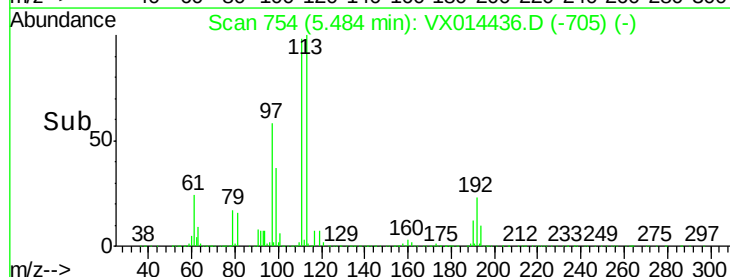
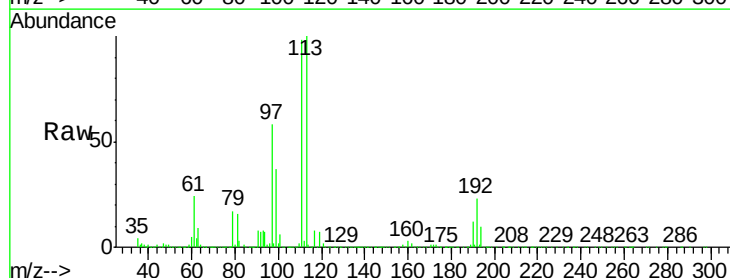
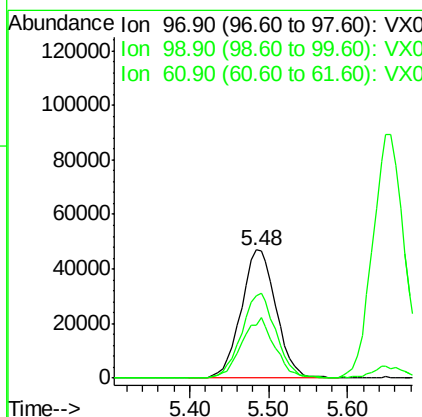
Manual Integrations
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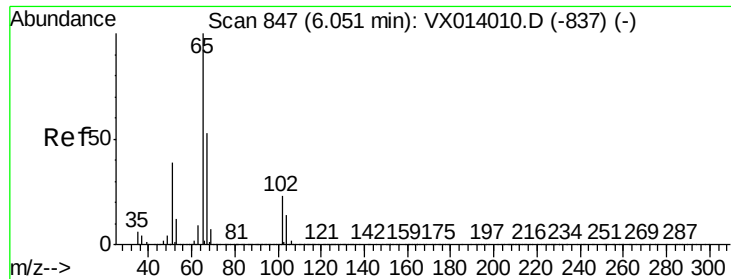
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#32
1,1,1-Trichloroethane
Concen: 18.644 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX014436.D
Acq: 06 Jan 2020 18:38

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.8	52.0	78.0
61	45.1	36.7	55.1





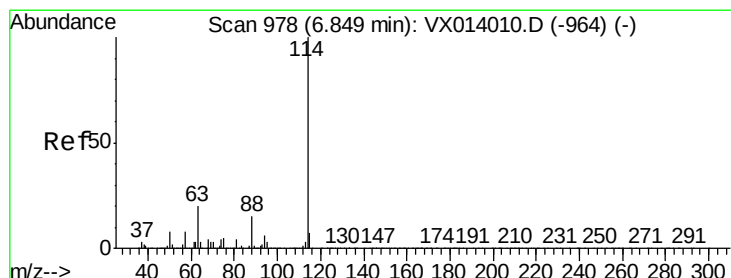
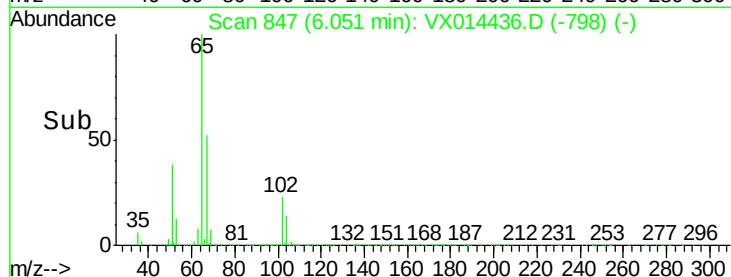
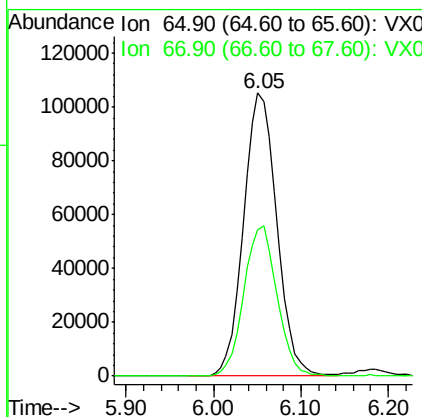
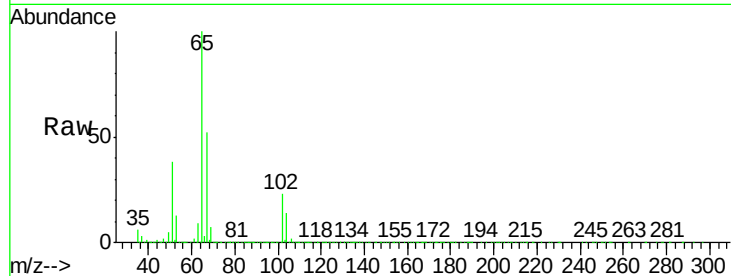
#33
 1,2-Dichloroethane-d4
 Concen: 48.786 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX014436.D
 Acq: 06 Jan 2020 18:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0106MBS01

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	278495		
67	53.3	0.0	106.4	

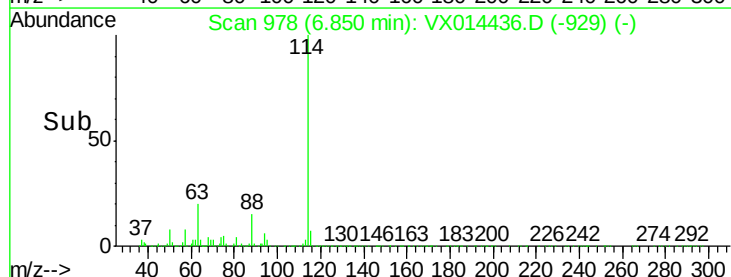
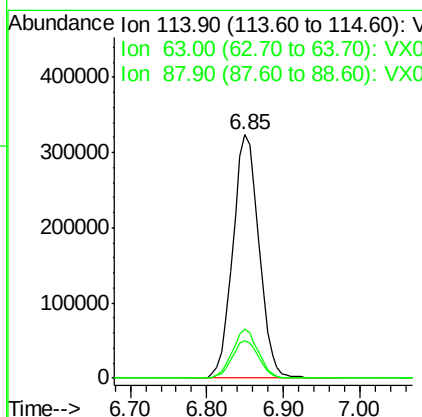
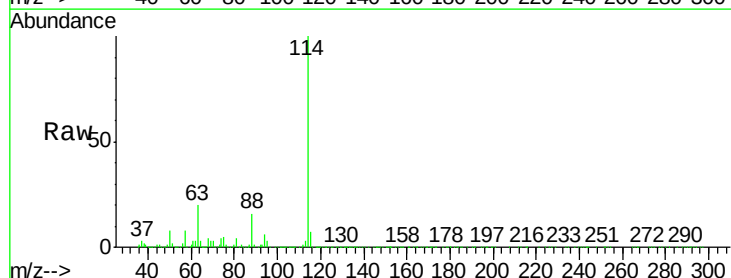
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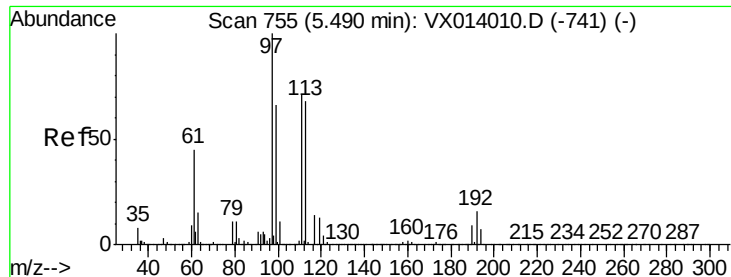
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014436.D
 Acq: 06 Jan 2020 18:38

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	763272		
63	19.9	0.0	40.8	
88	15.5	0.0	30.4	





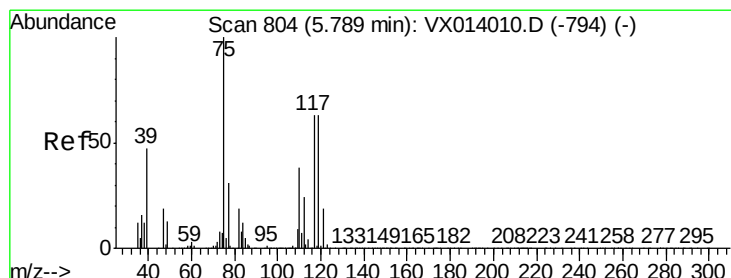
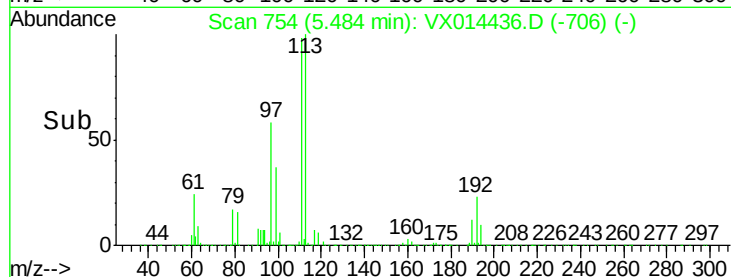
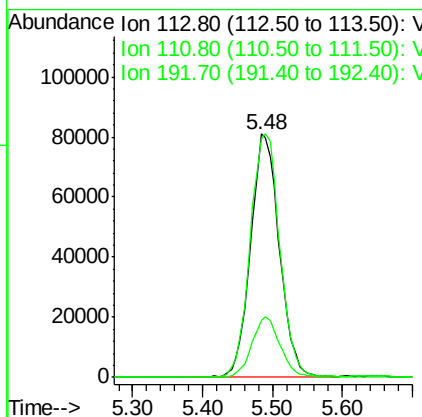
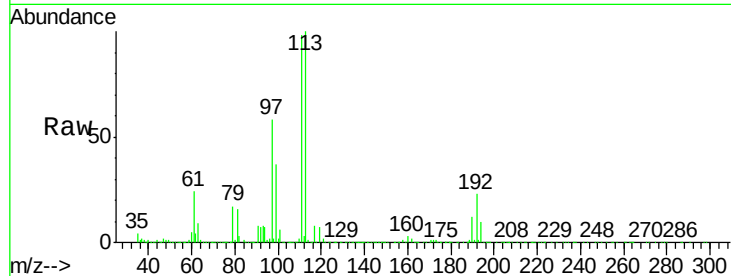
#35
Dibromofluoromethane
Concen: 49.872 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014436.D
Acq: 06 Jan 2020 18:38

Instrument :
MSVOA_X
ClientSampleID :
VX0106MBS01

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	231400		
111	102.5	82.0	123.0	
192	24.4	19.3	28.9	

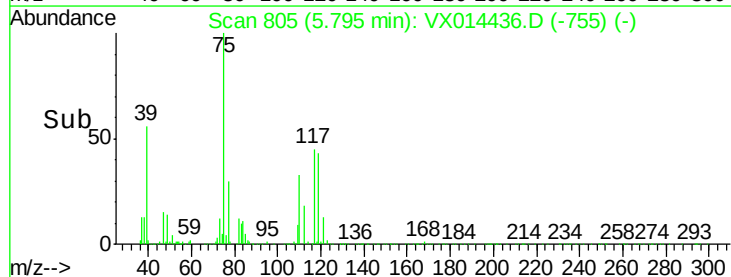
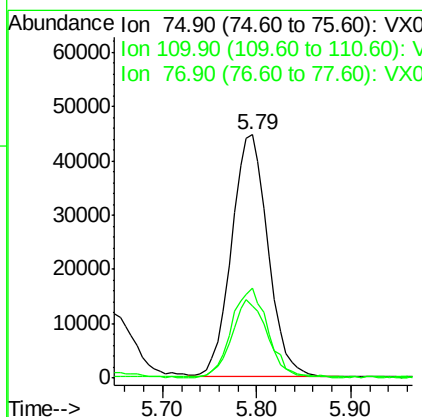
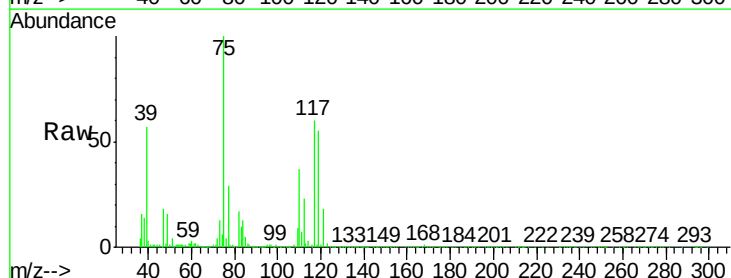
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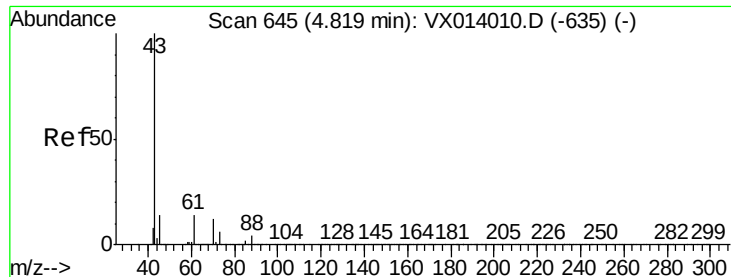
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#36
1,1-Dichloropropene
Concen: 17.210 ug/l
RT: 5.79 min Scan# 805
Delta R.T. 0.01 min
Lab File: VX014436.D
Acq: 06 Jan 2020 18:38

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	120530		
110	36.8	18.3	54.9	
77	30.7	24.8	37.2	





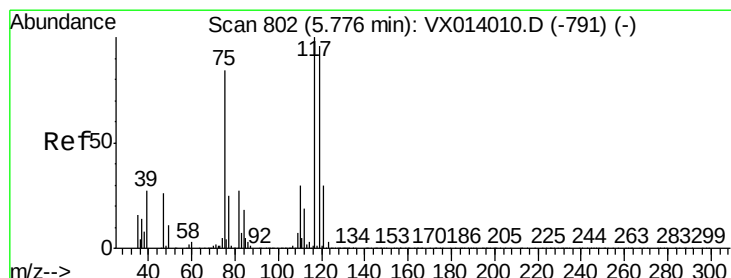
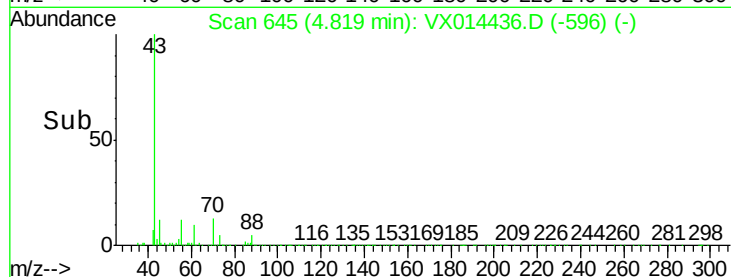
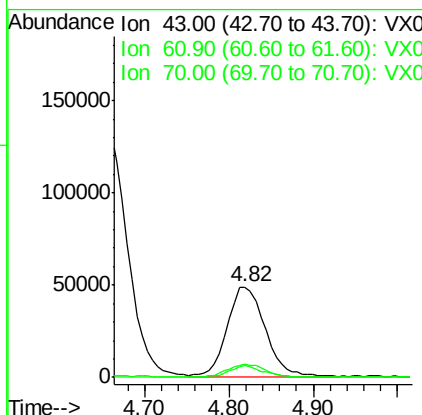
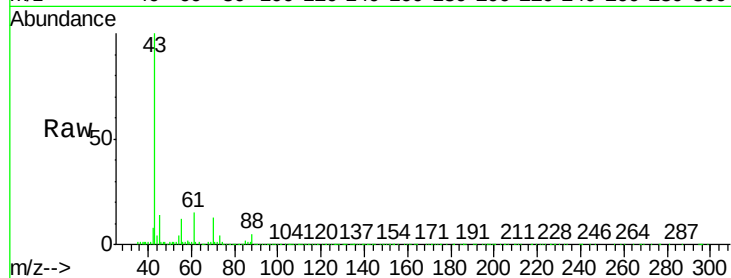
#37
Ethyl Acetate
Concen: 19.110 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX014436.D
Acq: 06 Jan 2020 18:38

Instrument :
MSVOA_X
ClientSampled :
VX0106MBS01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.2	10.8	16.2
70	11.6	8.6	12.8

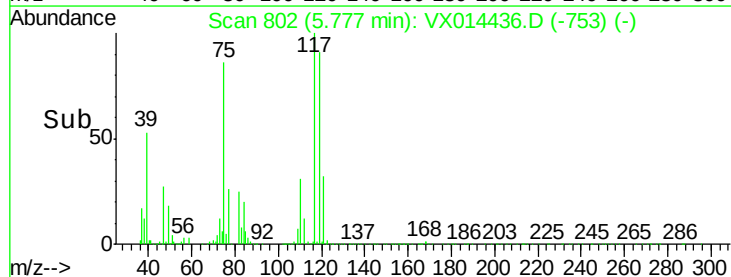
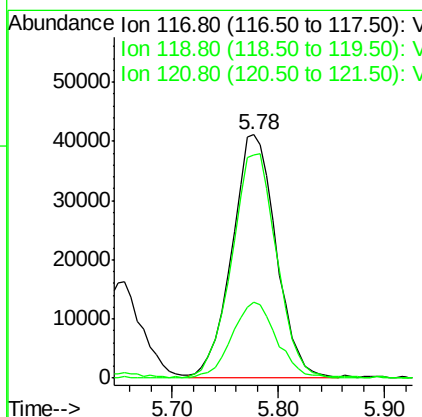
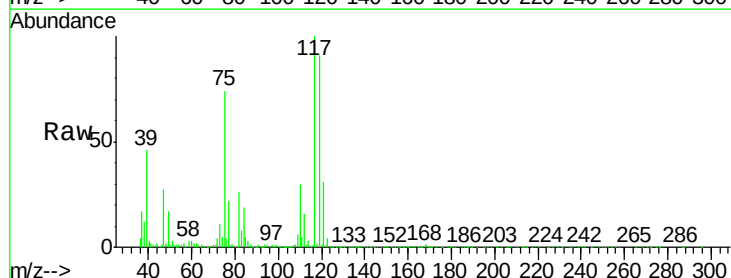
Manual Integrations
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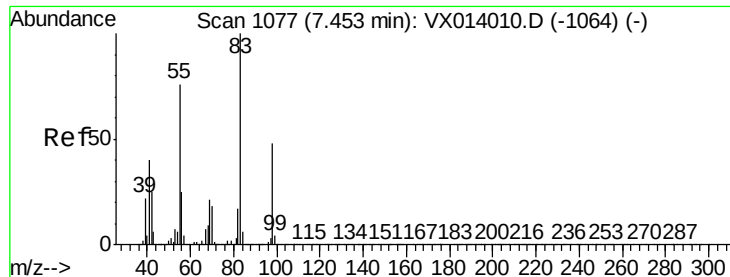
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#38
Carbon Tetrachloride
Concen: 18.567 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014436.D
Acq: 06 Jan 2020 18:38

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.4	76.2	114.4
121	31.2	23.6	35.4





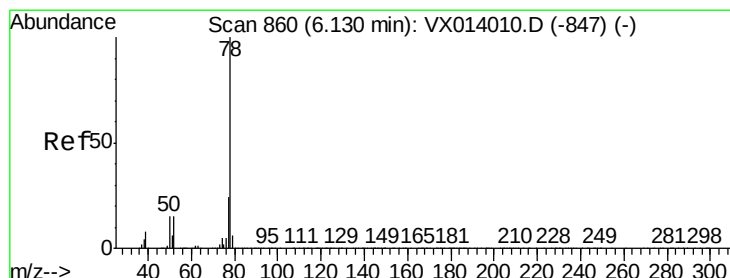
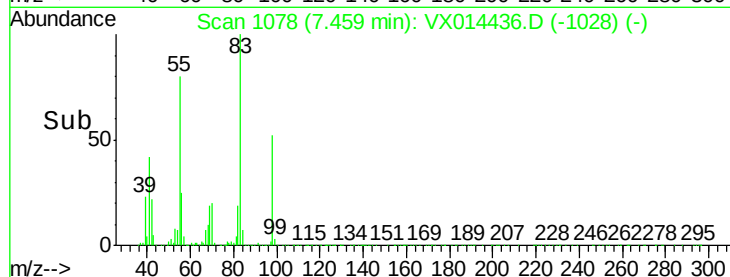
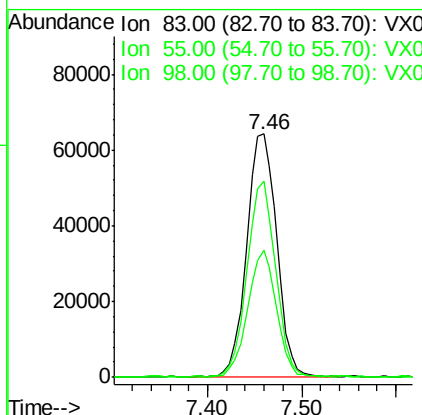
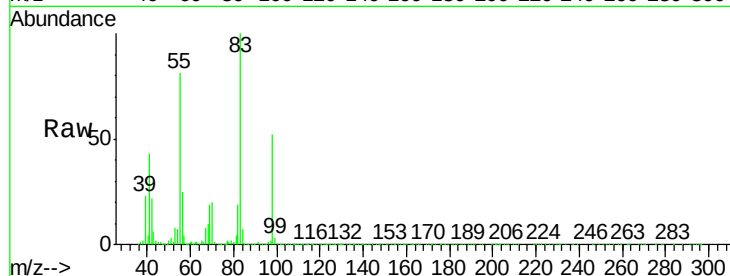
#39
Methylcyclohexane
Concen: 16.569 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX014436.D
Acq: 06 Jan 2020 18:38

Instrument :
MSVOA_X
ClientSampleId :
VX0106MBS01

Tgt Ion	Ratio	Lower	Upper
83	100		
55	80.5	61.0	91.6
98	52.1	38.6	57.8

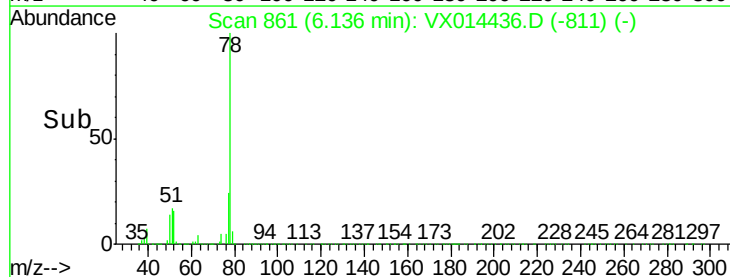
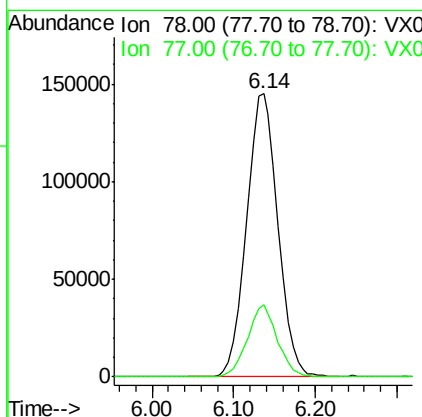
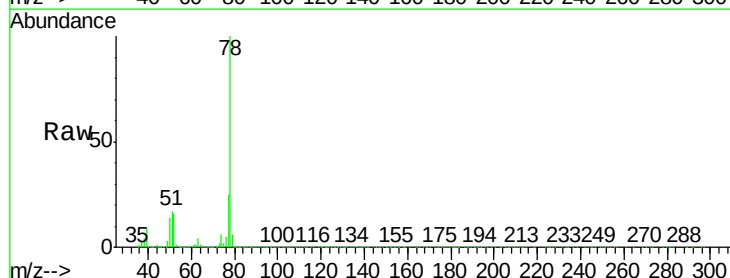
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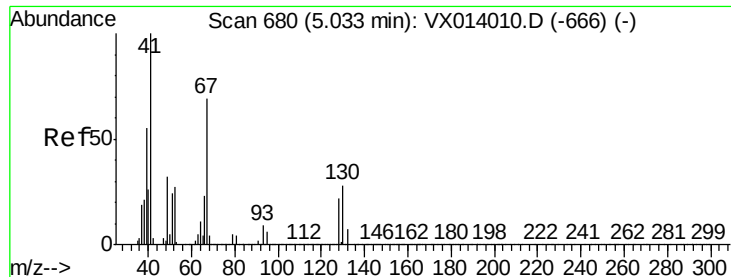
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#40
Benzene
Concen: 17.915 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX014436.D
Acq: 06 Jan 2020 18:38

Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.3	18.8	28.2





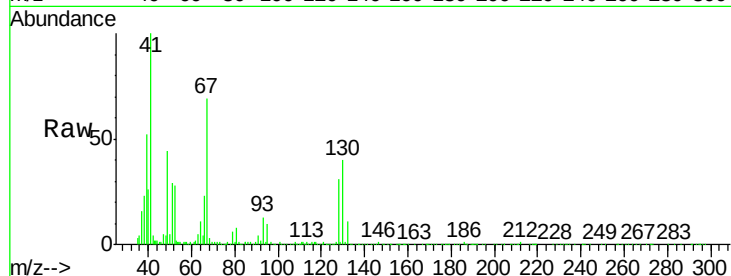
#41
Methacrylonitrile
Concen: 19.266 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX014436.D
Acq: 06 Jan 2020 18:38

Instrument :
MSVOA_X
ClientSampled :
VX0106MBSD01

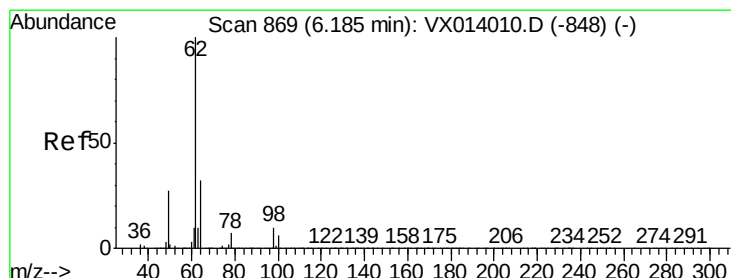
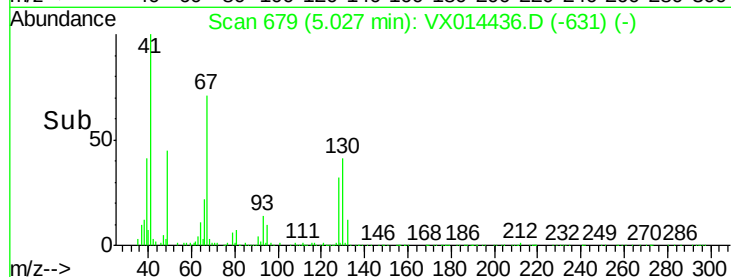
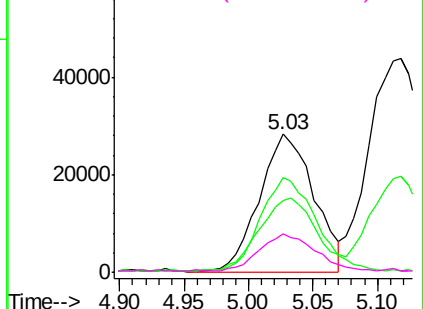
Tgt Ion	Ratio	Lower	Upper
41	100		
39	55.0	44.5	66.7
67	70.9	57.4	86.0
52	27.6	23.0	34.4

Manual Integrations
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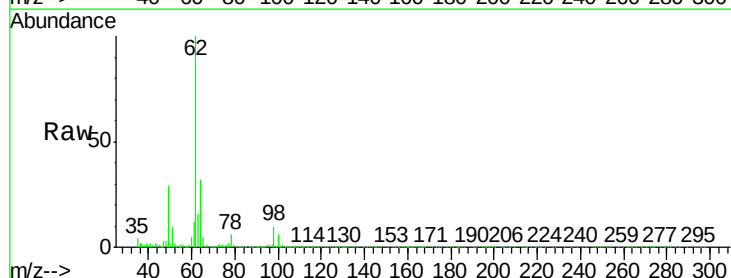


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

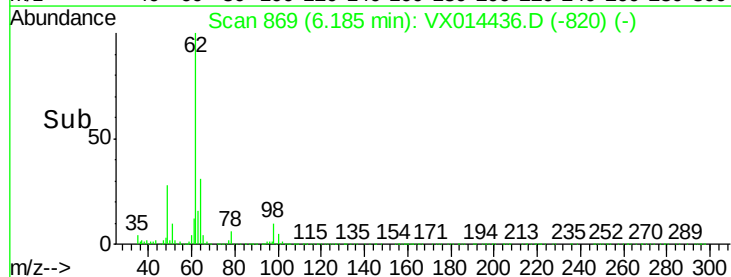
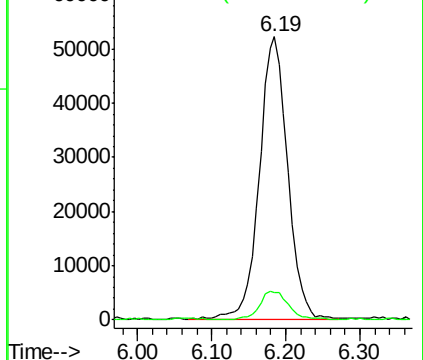


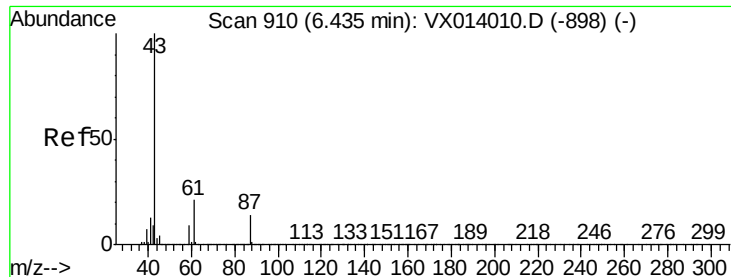
#42
1,2-Dichloroethane
Concen: 19.140 ug/l
RT: 6.19 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX014436.D
Acq: 06 Jan 2020 18:38

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	21.0



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





#43

Isopropyl Acetate

Concen: 19.514 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX014436.D

Acq: 06 Jan 2020 18:38

Instrument :

MSVOA_X

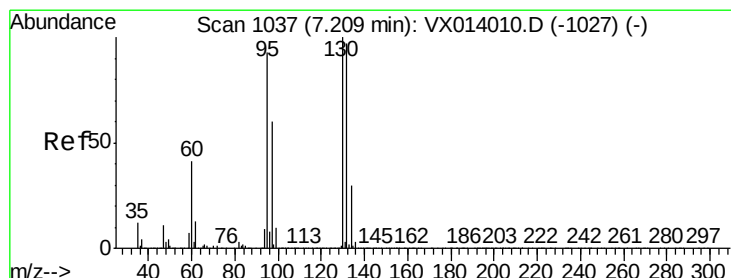
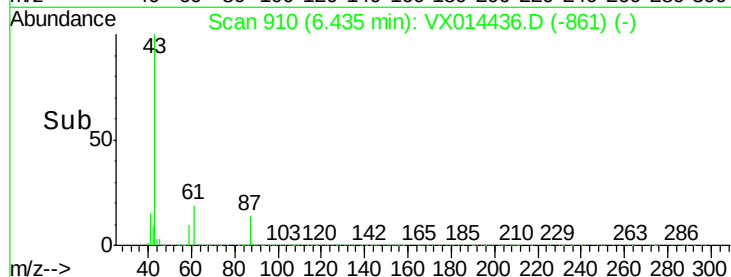
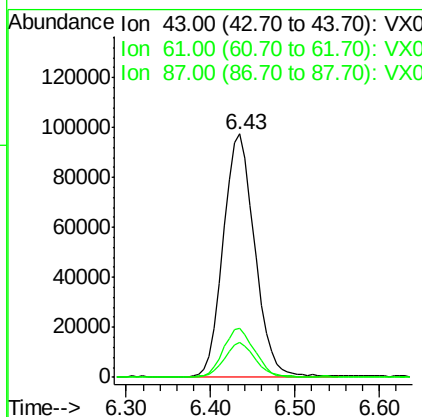
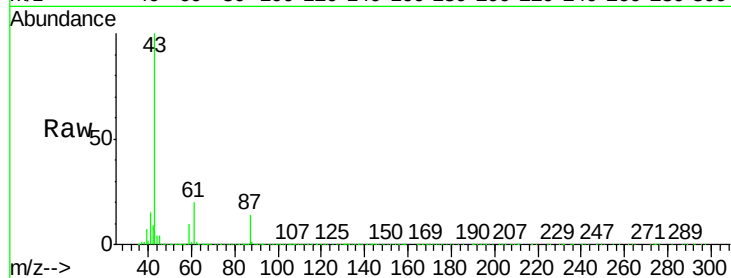
ClientSampleId :

VX0106MBSD01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.5	16.4	24.6
87	13.8	10.7	16.1

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#44

Trichloroethene

Concen: 18.602 ug/l

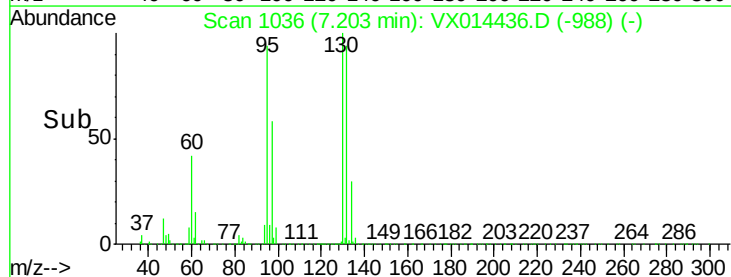
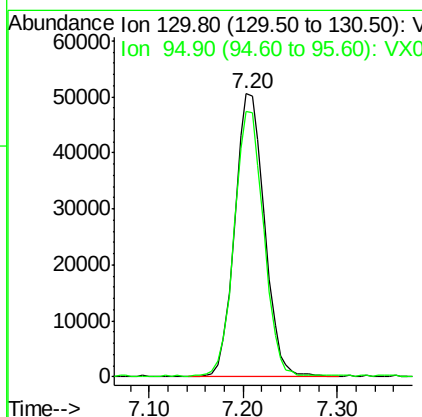
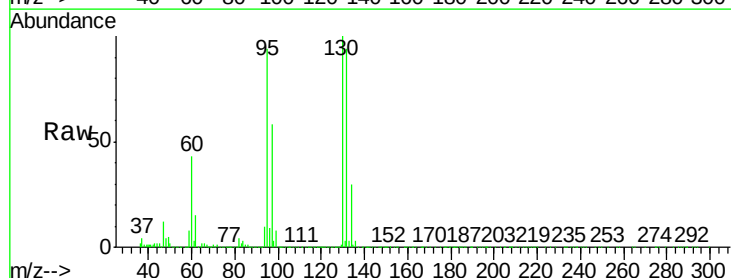
RT: 7.20 min Scan# 1036

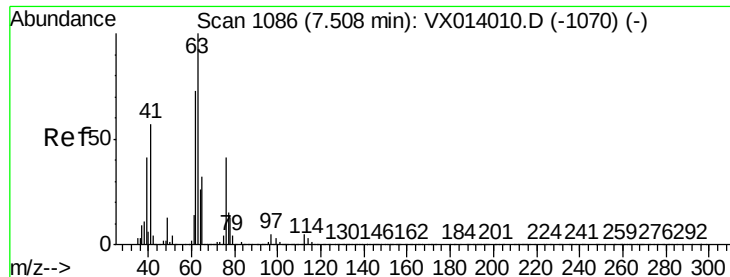
Delta R.T. -0.01 min

Lab File: VX014436.D

Acq: 06 Jan 2020 18:38

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.7	0.0	185.6





#45

1,2-Dichloropropane

Concen: 18.847 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX014436.D

Acq: 06 Jan 2020 18:38

Instrument :

MSVOA_X

ClientSampleId :

VX0106MBS01

Tgt Ion: 63 Resp: 104095

Ion Ratio Lower Upper

63 100

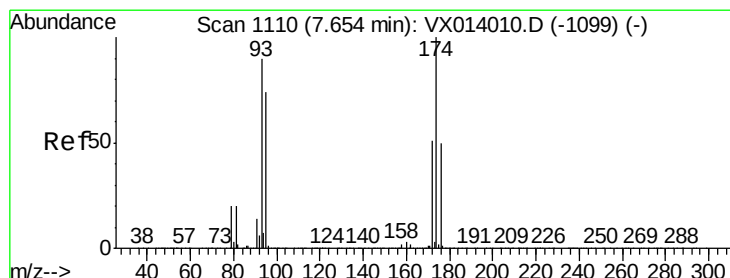
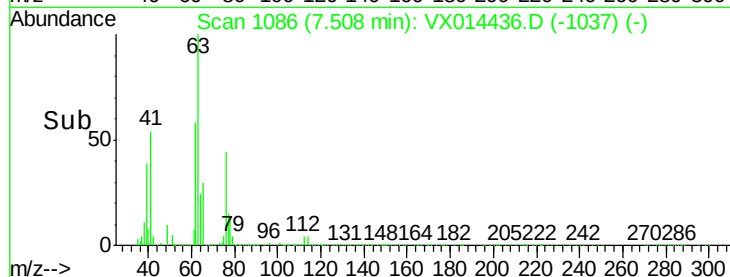
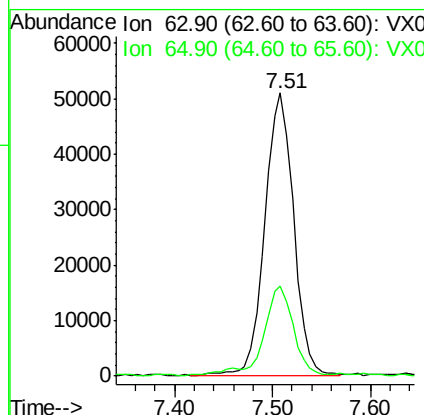
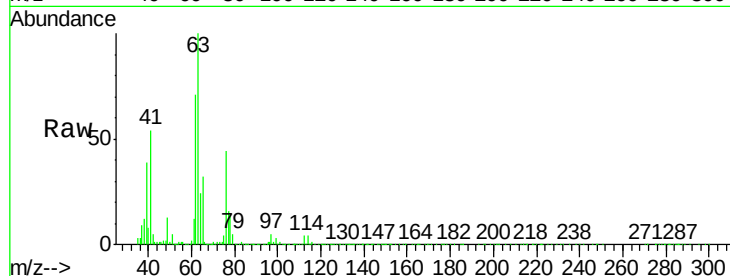
65 31.6 25.8 38.8

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#46

Dibromomethane

Concen: 18.050 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX014436.D

Acq: 06 Jan 2020 18:38

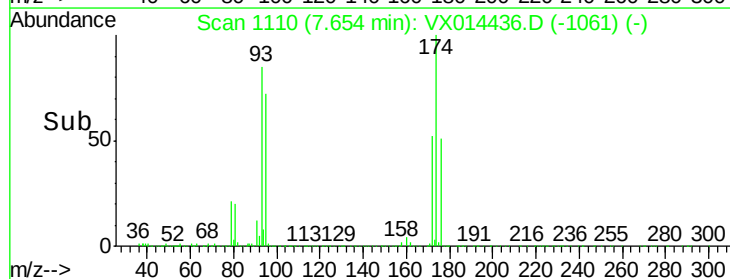
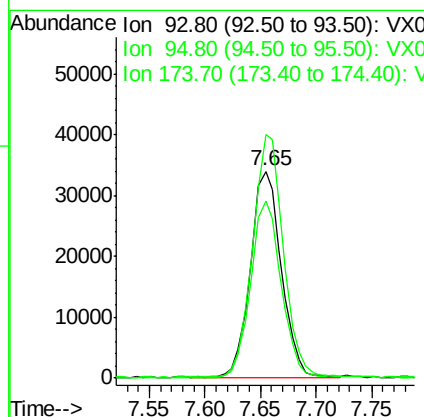
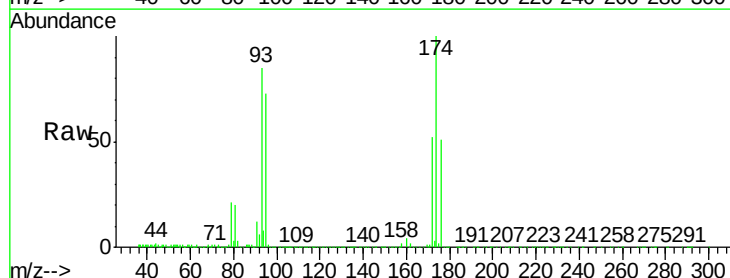
Tgt Ion: 93 Resp: 65912

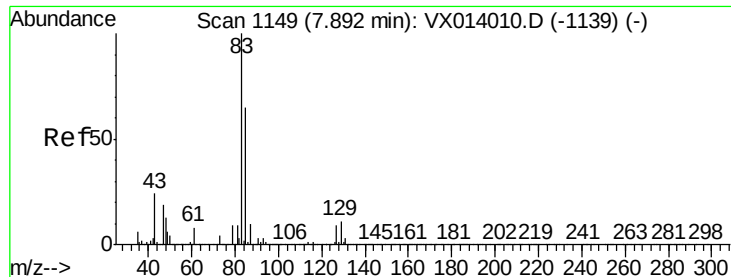
Ion Ratio Lower Upper

93 100

95 84.9 67.3 100.9

174 118.3 91.6 137.4





#47

Bromodichloromethane

Concen: 18.813 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014436.D

Acq: 06 Jan 2020 18:38

Instrument :

MSVOA_X

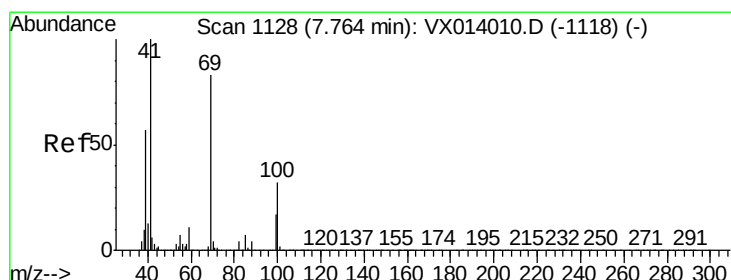
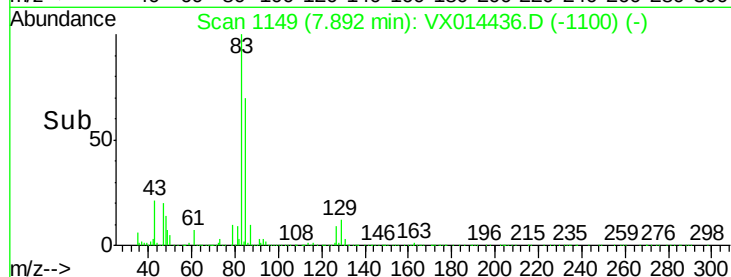
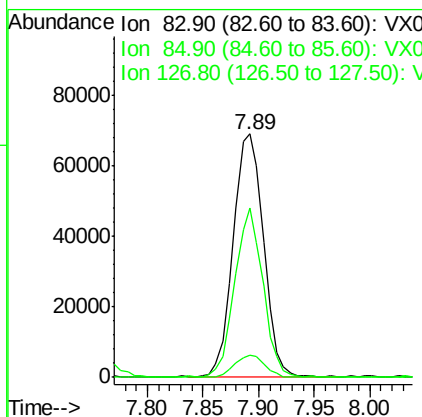
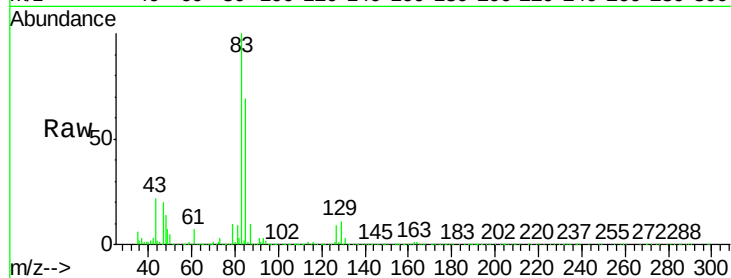
ClientSampleId :

VX0106MBS01

Tgt Ion:	83	Resp:	129381
Ion Ratio	Lower	Upper	
83	100		
85	69.1	51.8	77.8
127	9.0	7.0	10.4

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#48

Methyl methacrylate

Concen: 18.755 ug/l

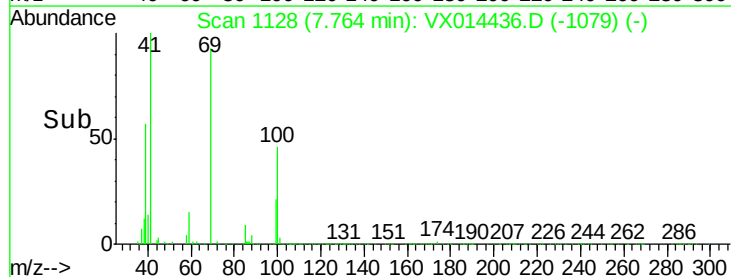
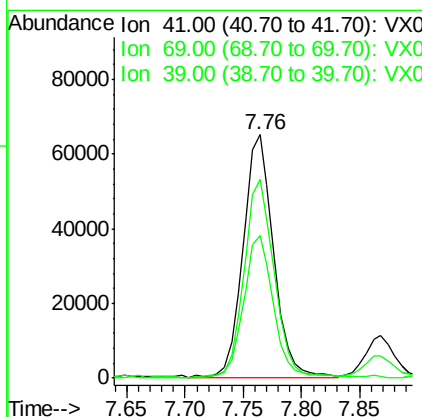
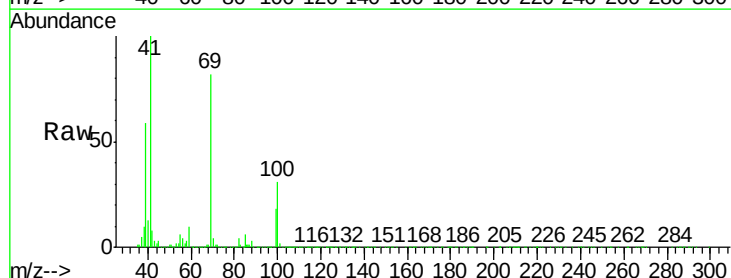
RT: 7.76 min Scan# 1128

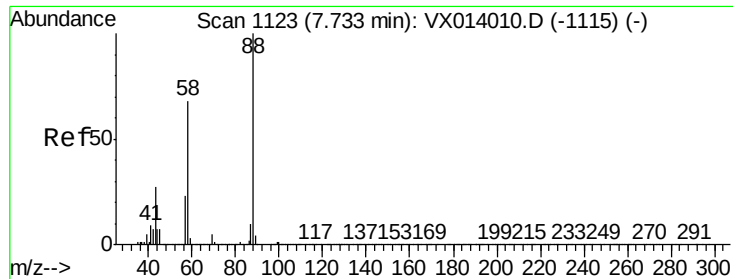
Delta R.T. 0.00 min

Lab File: VX014436.D

Acq: 06 Jan 2020 18:38

Tgt Ion:	41	Resp:	117545
Ion Ratio	Lower	Upper	
41	100		
69	81.4	65.8	98.6
39	57.9	44.6	67.0





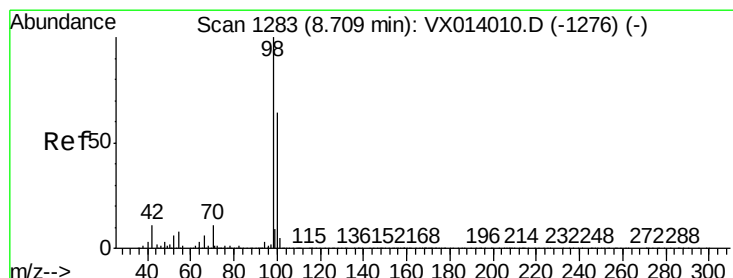
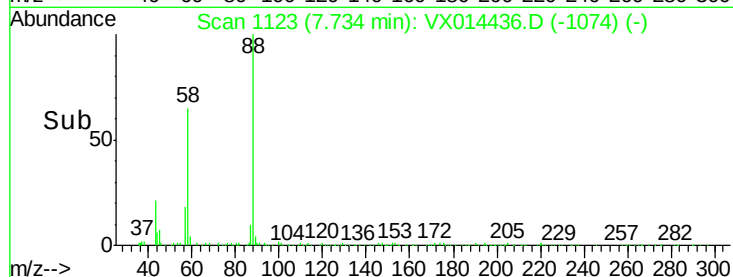
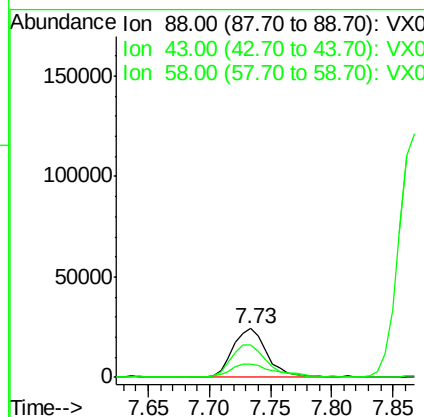
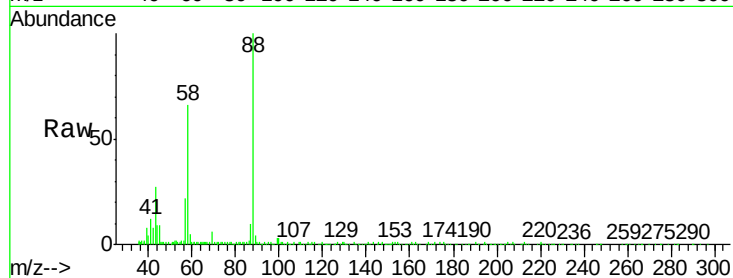
#49
1,4-Dioxane
Concen: 361.944 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX014436.D
Acq: 06 Jan 2020 18:38

Instrument :
MSVOA_X
ClientSampleId :
VX0106MBSD01

Tgt Ion	Ratio	Lower	Upper
88	100		
43	32.9	26.5	39.7
58	69.6	56.8	85.2

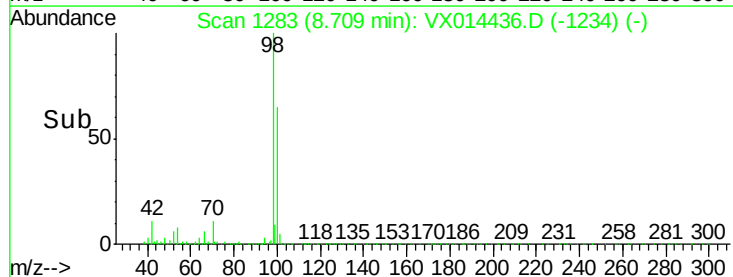
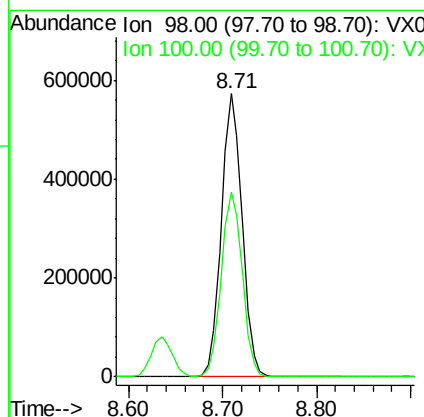
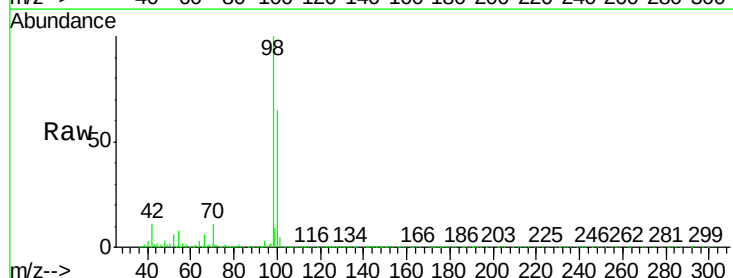
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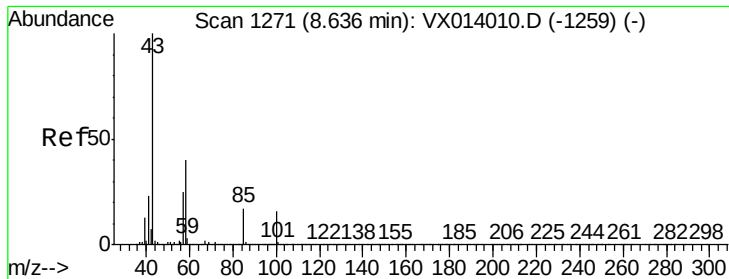
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#50
Toluene-d8
Concen: 48.339 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014436.D
Acq: 06 Jan 2020 18:38

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.1	52.9	79.3





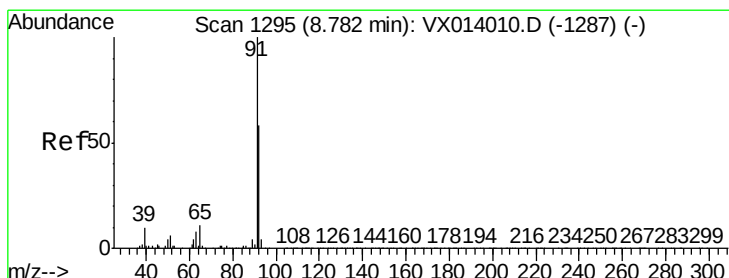
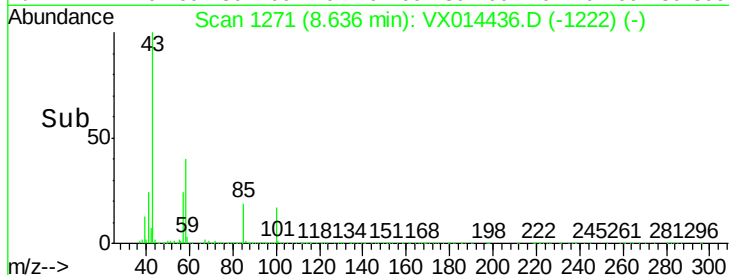
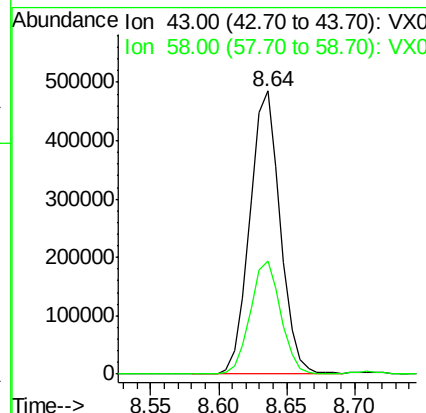
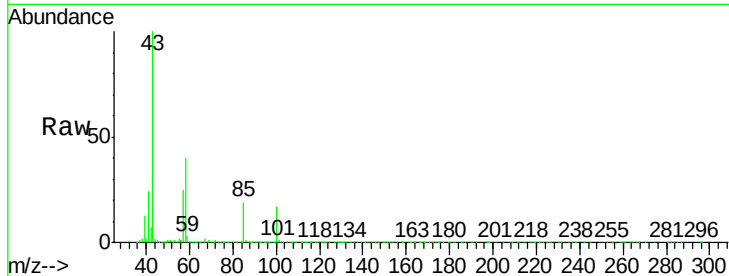
#51
 4-Methyl-2-Pentanone
 Concen: 94.381 ug/l
 RT: 8.64 min Scan# 1271
 Delta R.T. 0.00 min
 Lab File: VX014436.D
 Acq: 06 Jan 2020 18:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0106MBS01

Tgt Ion	Ratio	Lower	Upper
43	100		
58	40.3	32.2	48.2

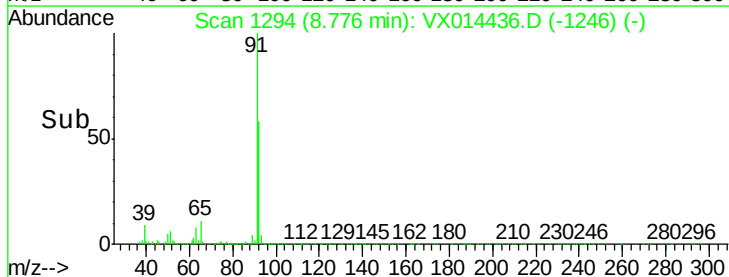
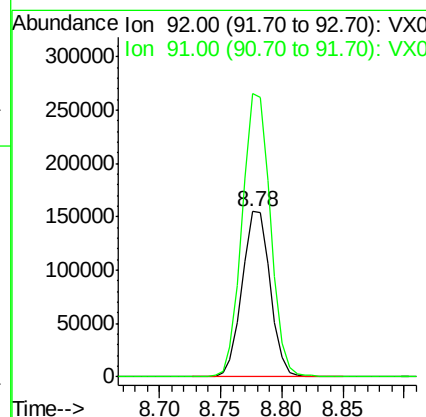
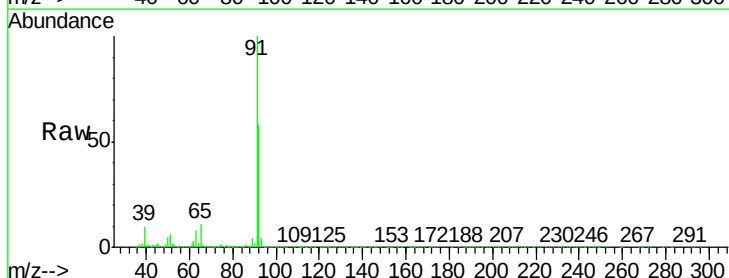
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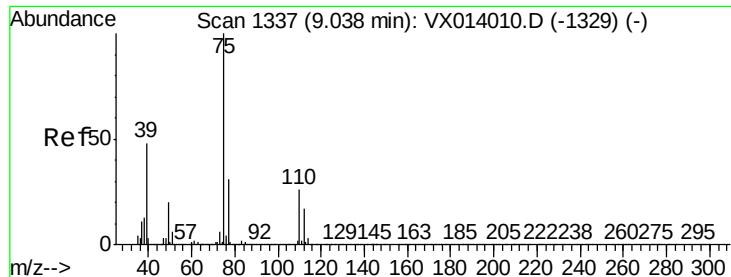
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#52
 Toluene
 Concen: 18.103 ug/l
 RT: 8.78 min Scan# 1294
 Delta R.T. -0.01 min
 Lab File: VX014436.D
 Acq: 06 Jan 2020 18:38

Tgt Ion	Ratio	Lower	Upper
92	100		
91	172.0	136.2	204.4





#53

t-1,3-Dichloropropene

Concen: 19.001 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VX014436.D

Acq: 06 Jan 2020 18:38

Instrument :

MSVOA_X

ClientSampleId :

VX0106MBSD01

Tgt Ion: 75 Resp: 143284

Ion Ratio Lower Upper

75 100

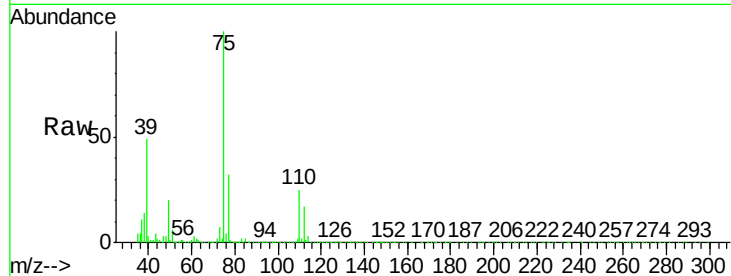
77 31.6 25.1 37.7

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Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

100000

80000

60000

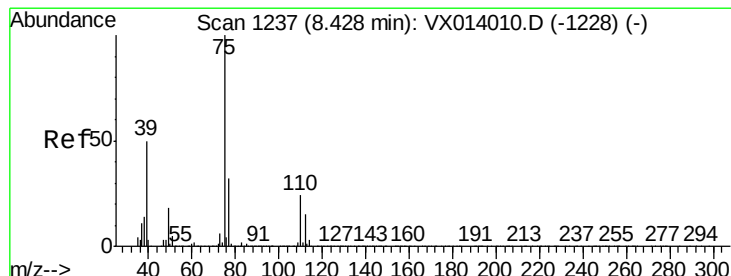
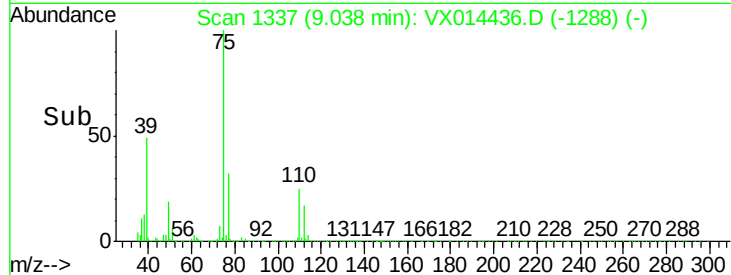
40000

20000

0

8.95 9.00 9.05 9.10 9.15

Time-->



#54

cis-1,3-Dichloropropene

Concen: 18.924 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX014436.D

Acq: 06 Jan 2020 18:38

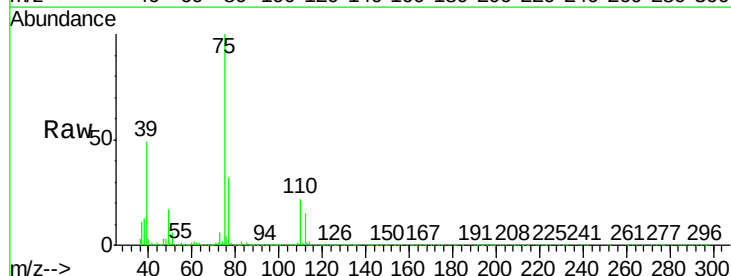
Tgt Ion: 75 Resp: 158985

Ion Ratio Lower Upper

75 100

77 31.9 25.3 37.9

39 48.8 39.9 59.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.43

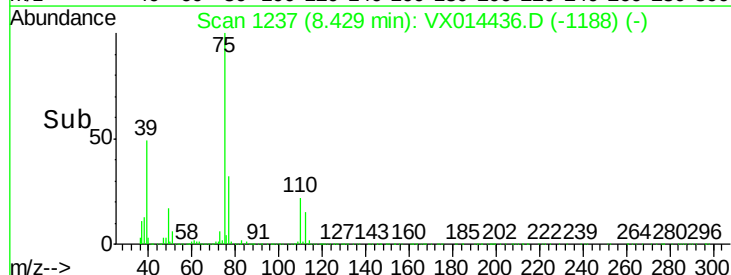
100000

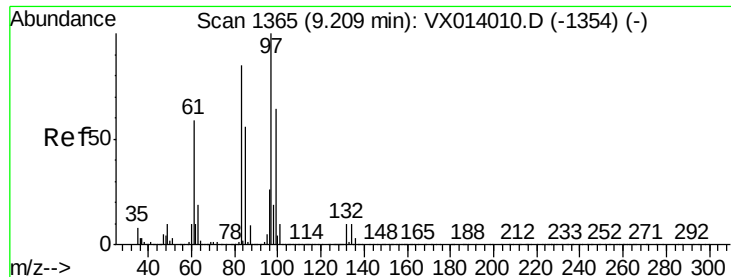
50000

0

8.35 8.40 8.45 8.50 8.55

Time-->





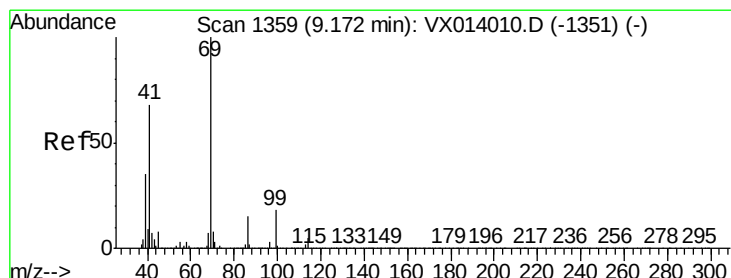
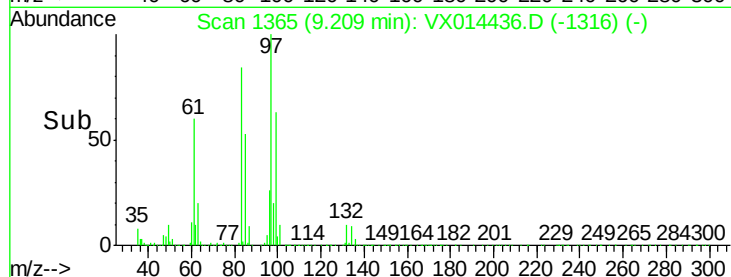
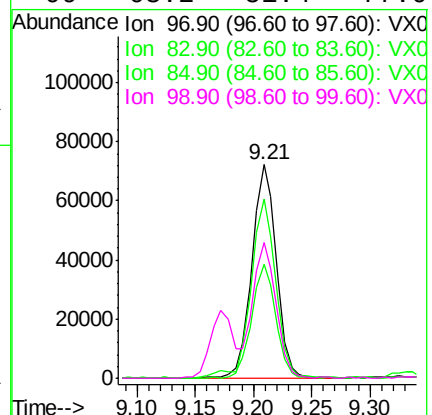
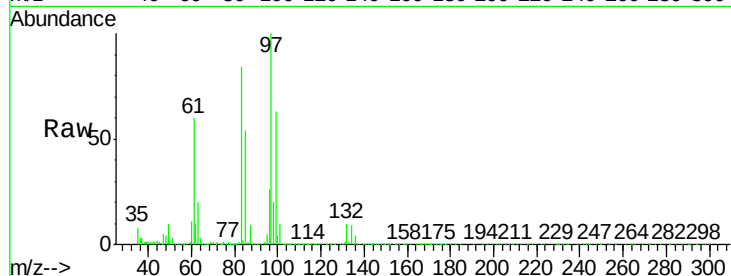
#55
 1,1,2-Trichloroethane
 Concen: 19.375 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014436.D
 Acq: 06 Jan 2020 18:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0106MBS01

Tgt Ion	Ratio	Lower	Upper
97	100		
83	83.9	68.2	102.4
85	53.3	44.6	66.8
99	63.2	51.4	77.0

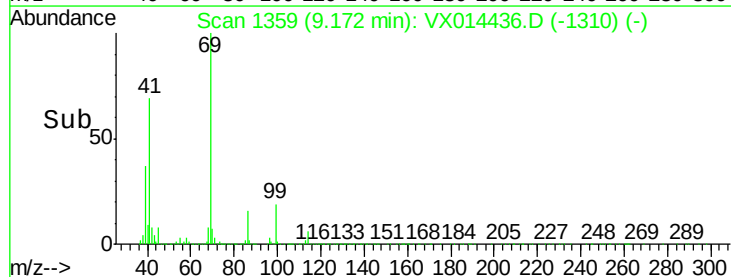
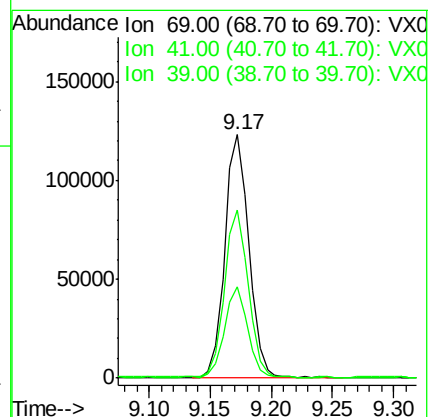
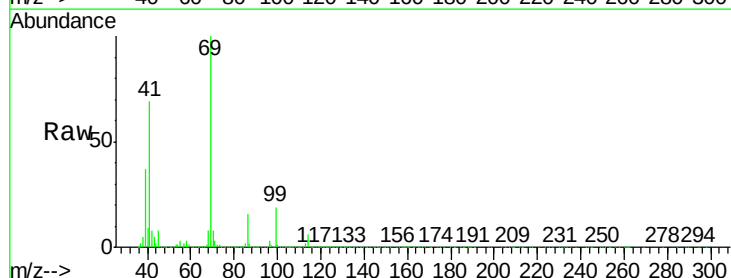
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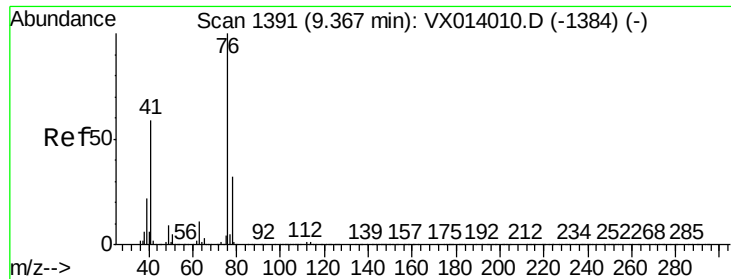
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#56
 Ethyl methacrylate
 Concen: 19.472 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014436.D
 Acq: 06 Jan 2020 18:38

Tgt Ion	Ratio	Lower	Upper
69	100		
41	68.6	54.8	82.2
39	36.3	28.3	42.5





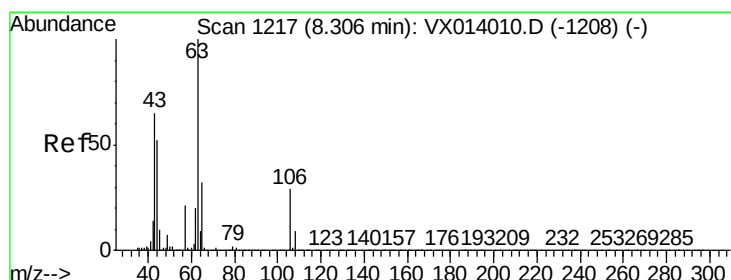
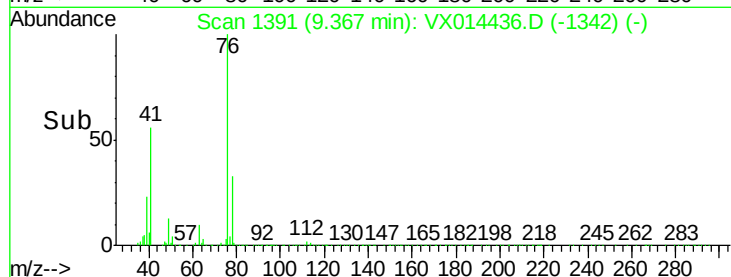
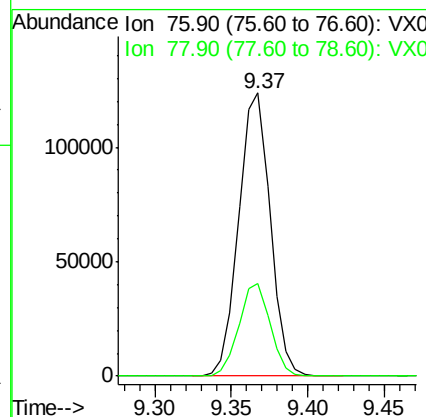
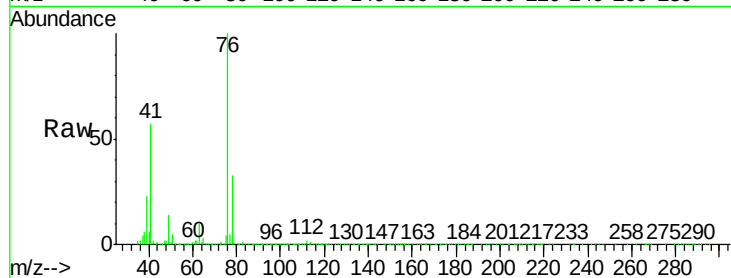
#57
 1,3-Dichloropropane
 Concen: 19.175 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX014436.D
 Acq: 06 Jan 2020 18:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0106MBSD01

Tgt Ion: 76 Resp: 176116
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.8 38.6

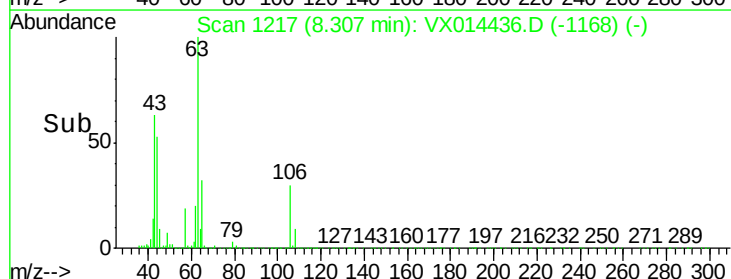
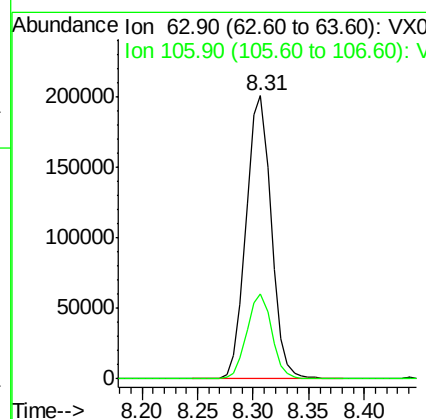
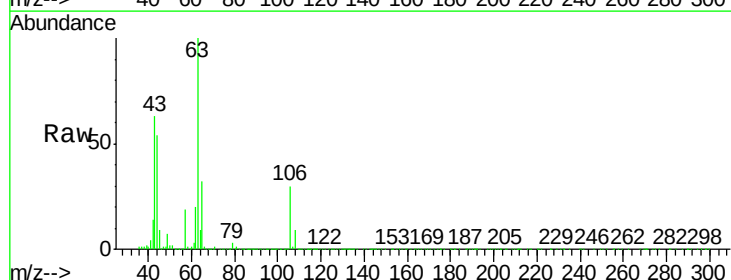
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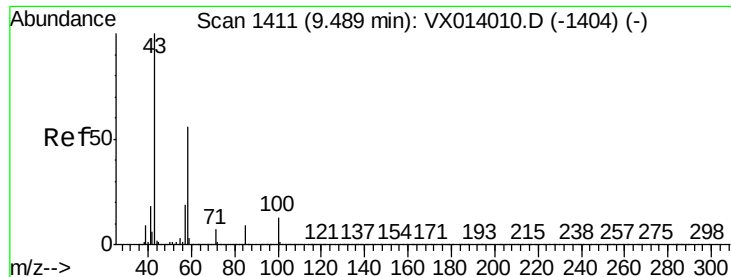
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#58
 2-Chloroethyl Vinyl ether
 Concen: 97.437 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: VX014436.D
 Acq: 06 Jan 2020 18:38

Tgt Ion: 63 Resp: 316193
 Ion Ratio Lower Upper
 63 100
 106 29.7 23.0 34.6





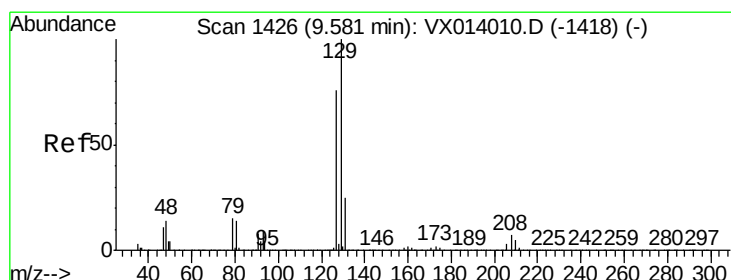
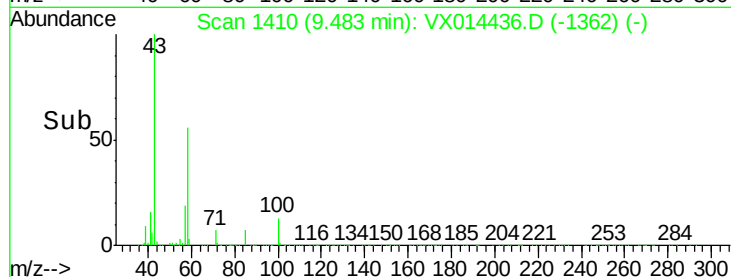
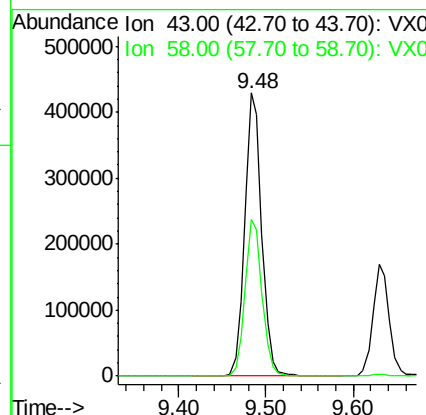
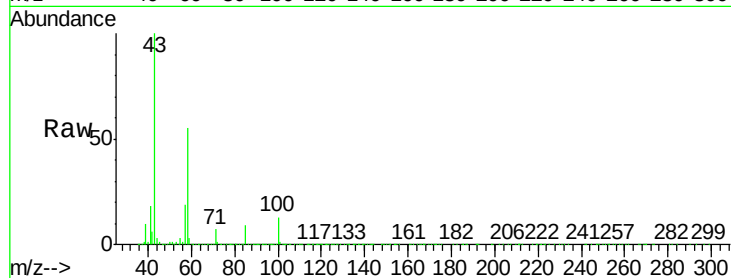
#59
2-Hexanone
Concen: 89.791 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014436.D
Acq: 06 Jan 2020 18:38

Instrument :
MSVOA_X
ClientSampleId :
VX0106MBS01

Tgt Ion: 43 Resp: 581007
Ion Ratio Lower Upper
43 100
58 55.8 28.0 84.0

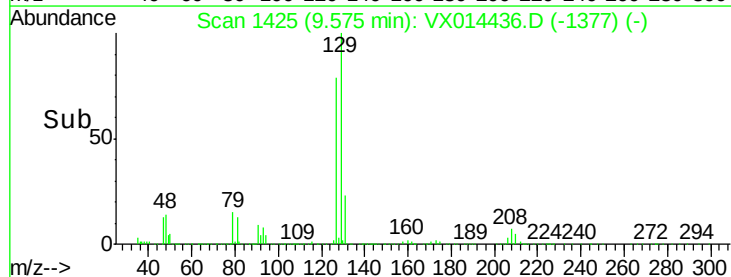
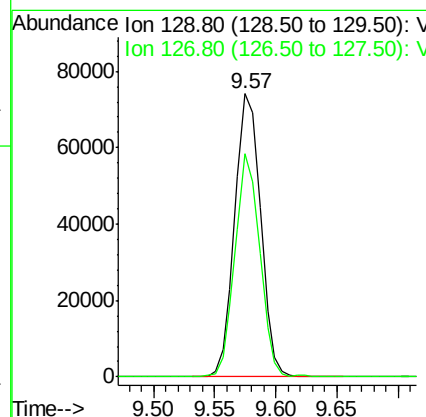
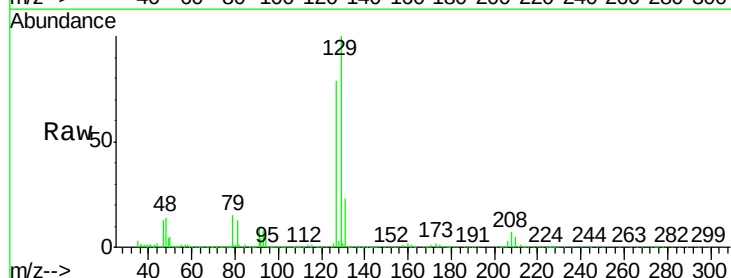
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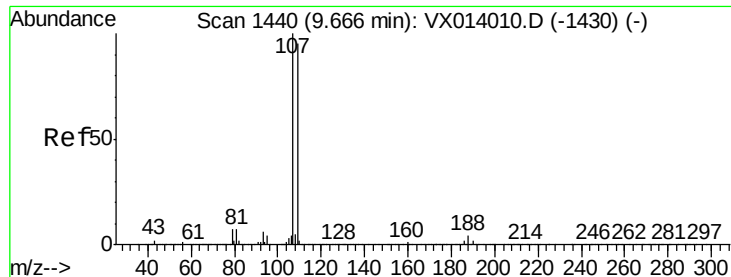
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#60
Dibromochloromethane
Concen: 20.068 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014436.D
Acq: 06 Jan 2020 18:38

Tgt Ion: 129 Resp: 108893
Ion Ratio Lower Upper
129 100
127 75.5 38.4 115.2





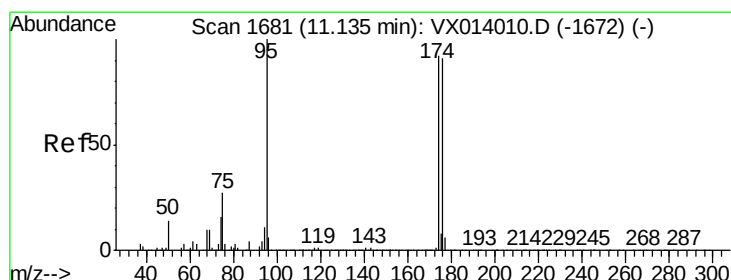
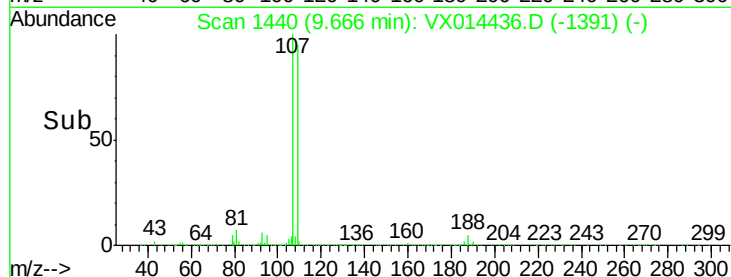
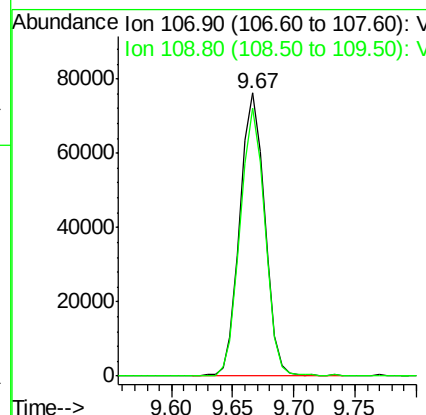
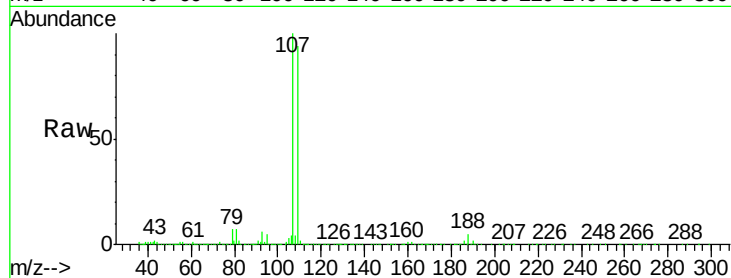
#61
 1,2-Dibromoethane
 Concen: 19.165 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VX014436.D
 Acq: 06 Jan 2020 18:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0106MBSD01

Tgt Ion	Ratio	Lower	Upper
107	100		
109	94.4	75.7	113.5

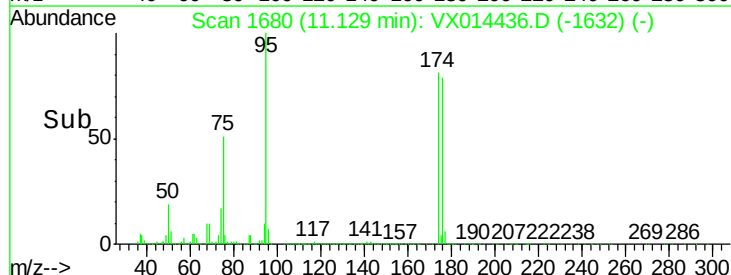
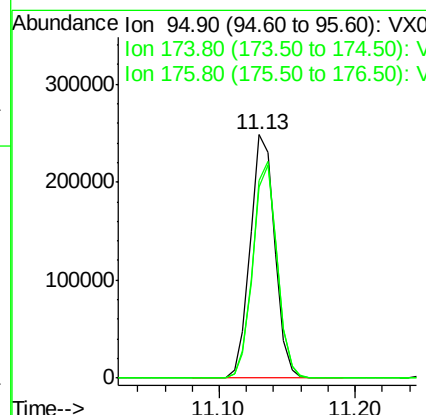
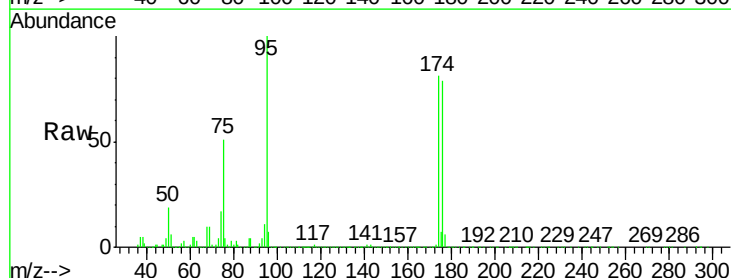
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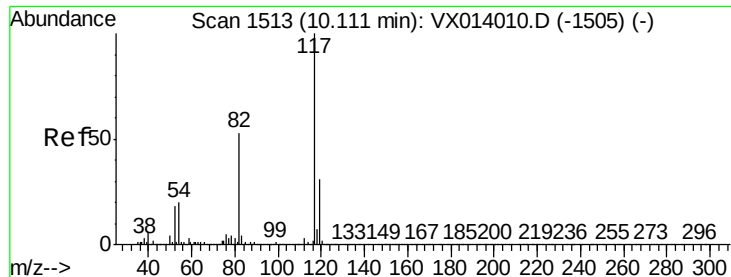
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#62
 4-Bromofluorobenzene
 Concen: 47.706 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: VX014436.D
 Acq: 06 Jan 2020 18:38

Tgt Ion	Ratio	Lower	Upper
95	100		
174	88.1	0.0	175.8
176	87.3	0.0	173.0





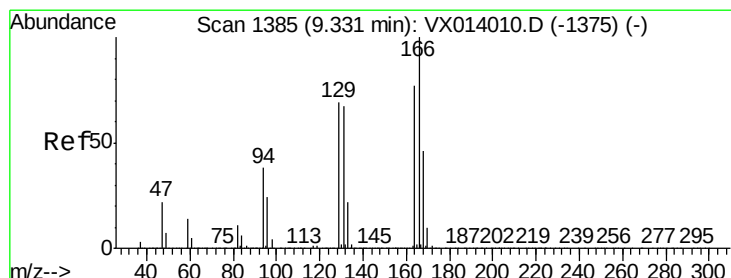
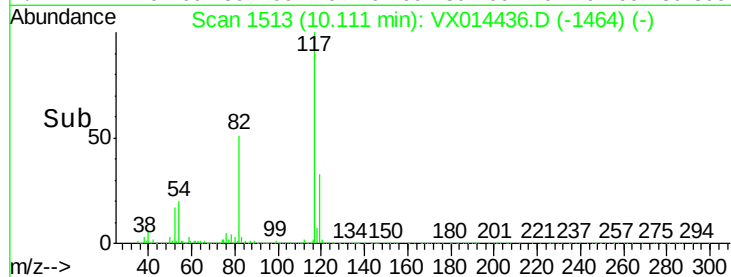
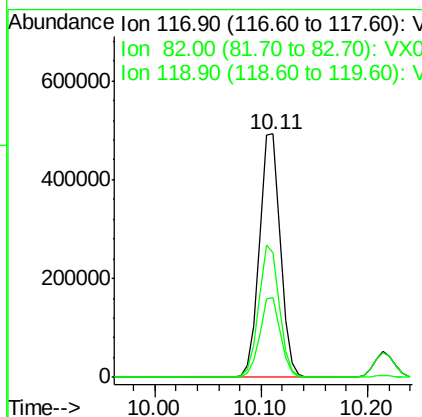
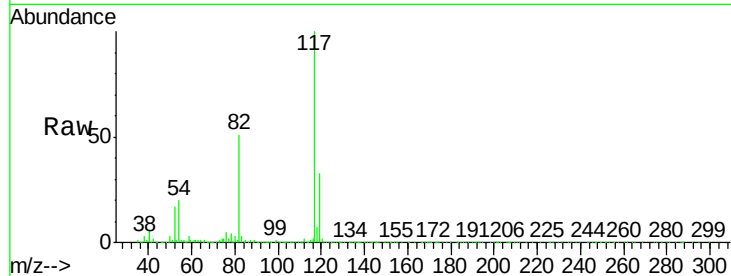
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014436.D
Acq: 06 Jan 2020 18:38

Instrument :
MSVOA_X
ClientSampleId :
VX0106MBSD01

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
82	51.2	42.2	63.4
119	32.9	25.1	37.7

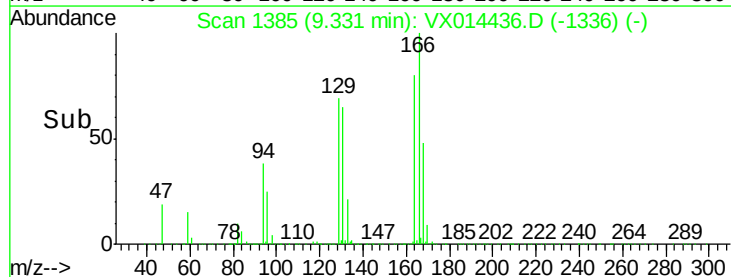
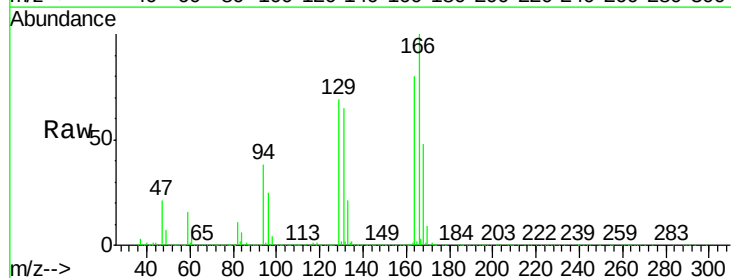
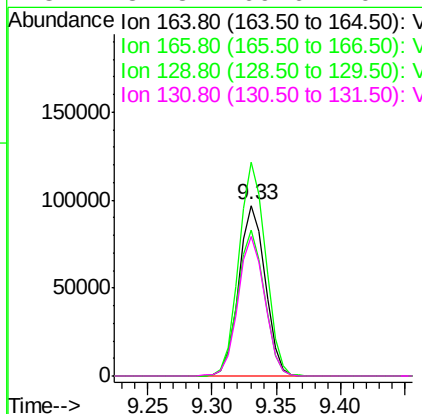
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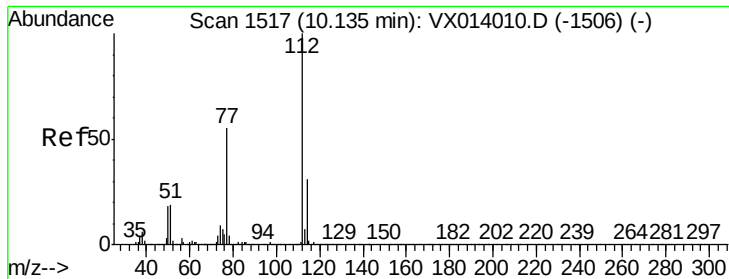
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#64
Tetrachloroethene
Concen: 22.905 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014436.D
Acq: 06 Jan 2020 18:38

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
166	125.3	104.0	156.0
129	85.7	72.2	108.4
131	81.8	69.6	104.4





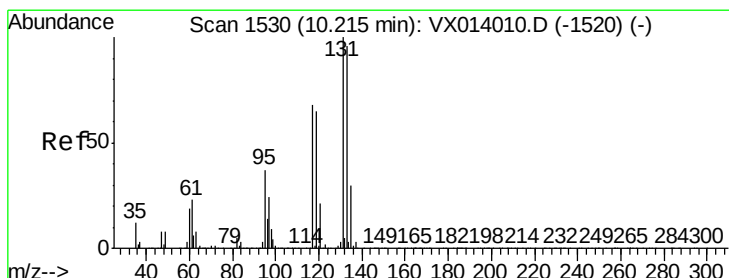
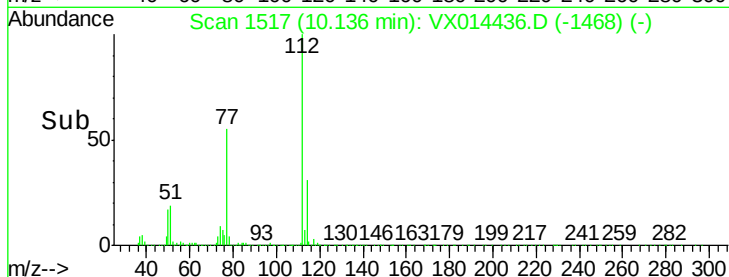
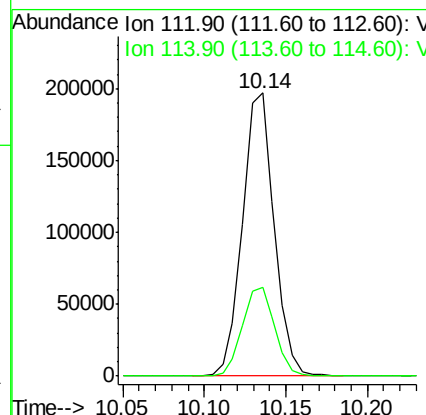
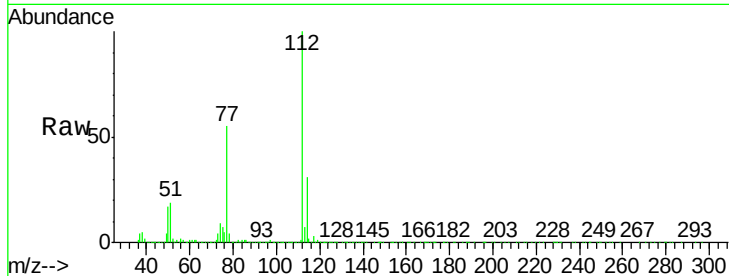
#65
Chlorobenzene
Concen: 18.449 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX014436.D
Acq: 06 Jan 2020 18:38

Instrument :
MSVOA_X
ClientSampleId :
VX0106MBSD01

Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.3	24.9	37.3

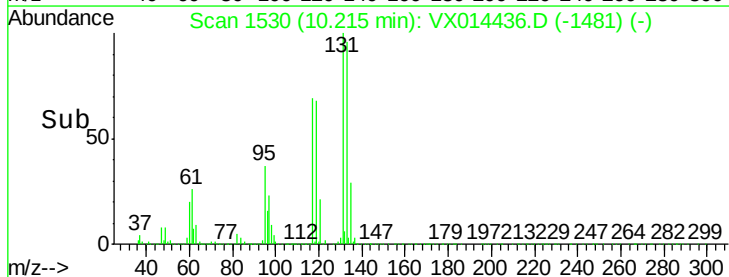
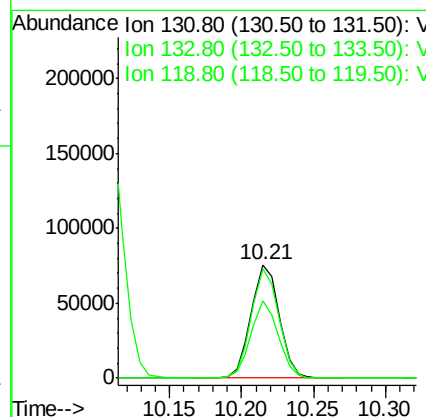
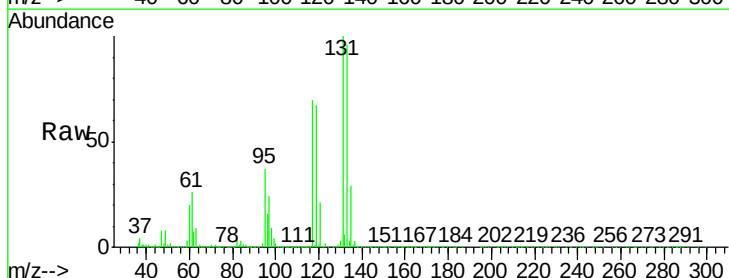
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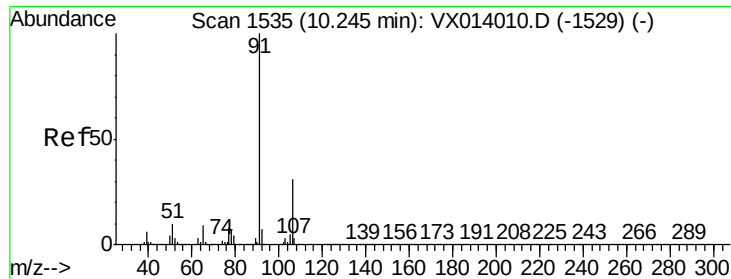
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.879 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX014436.D
Acq: 06 Jan 2020 18:38

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.0	48.0	144.0
119	65.8	33.4	100.2





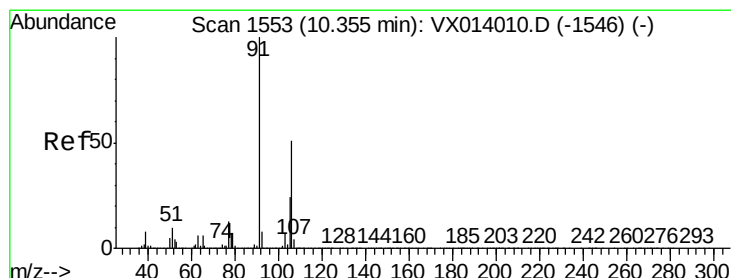
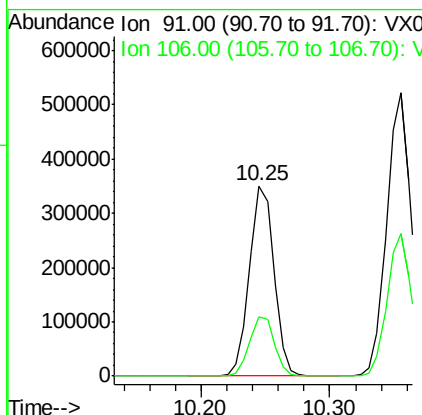
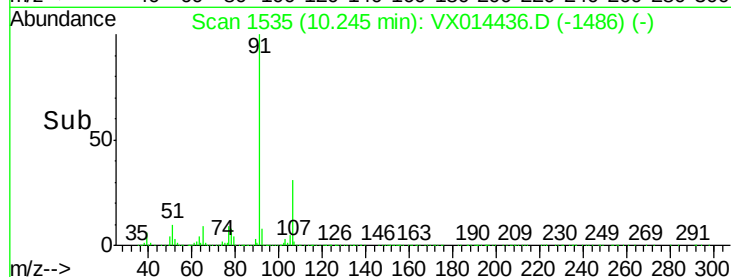
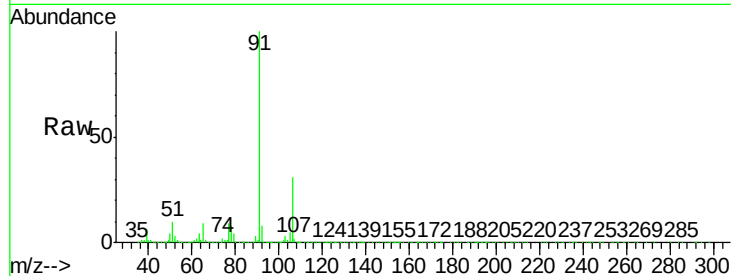
#67
Ethyl Benzene
Concen: 18.458 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014436.D
Acq: 06 Jan 2020 18:38

Instrument :
MSVOA_X
ClientSampleId :
VX0106MBS01

Tgt Ion: 91 Resp: 459820
Ion Ratio Lower Upper
91 100
106 31.3 25.0 37.6

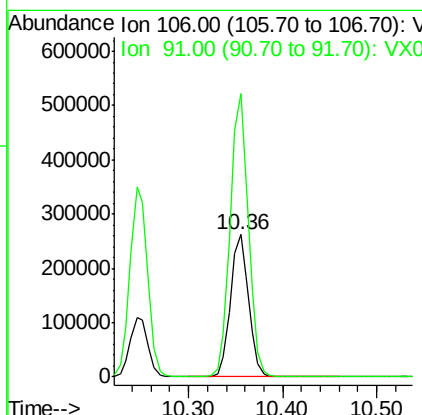
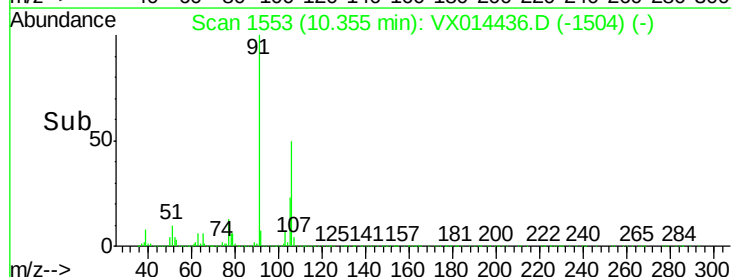
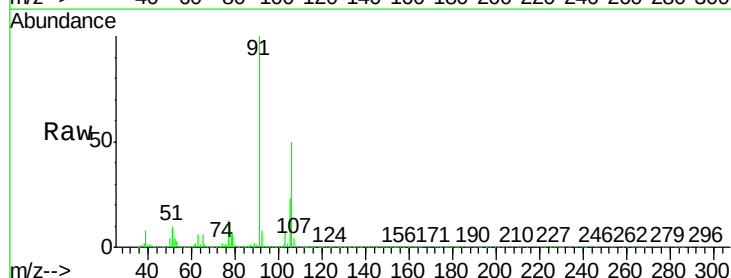
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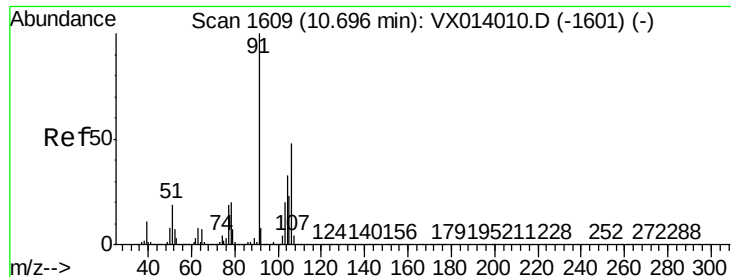
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#68
m/p-Xylenes
Concen: 36.432 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014436.D
Acq: 06 Jan 2020 18:38

Tgt Ion: 106 Resp: 349061
Ion Ratio Lower Upper
106 100
91 200.1 158.6 238.0





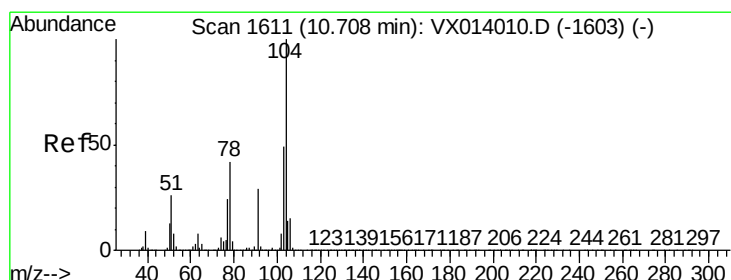
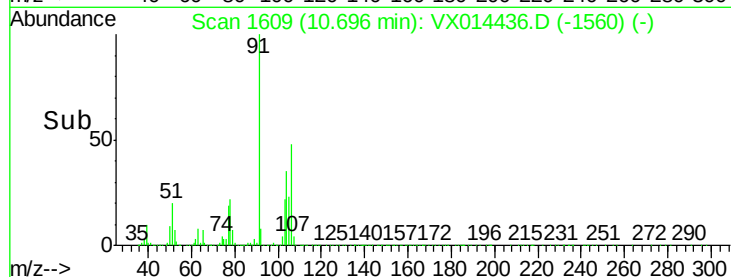
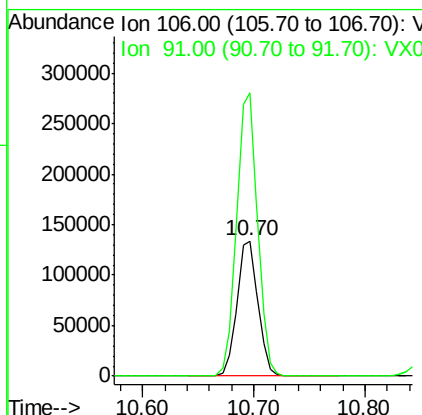
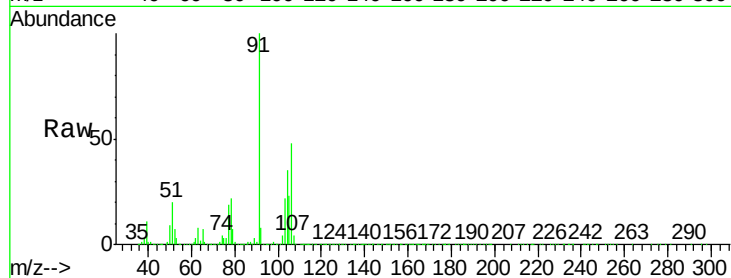
#69
o-Xylene
Concen: 18.546 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014436.D
Acq: 06 Jan 2020 18:38

Instrument :
MSVOA_X
ClientSampleId :
VX0106MBSD01

Tgt Ion:106 Resp: 174269
Ion Ratio Lower Upper
106 100
91 208.8 104.2 312.6

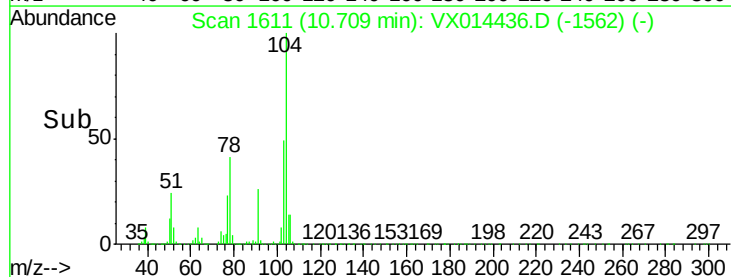
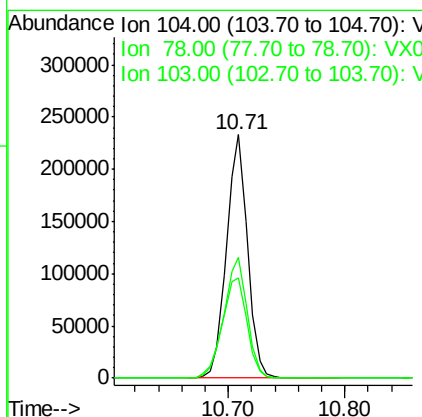
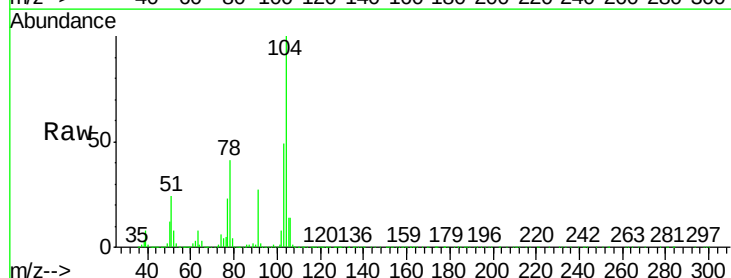
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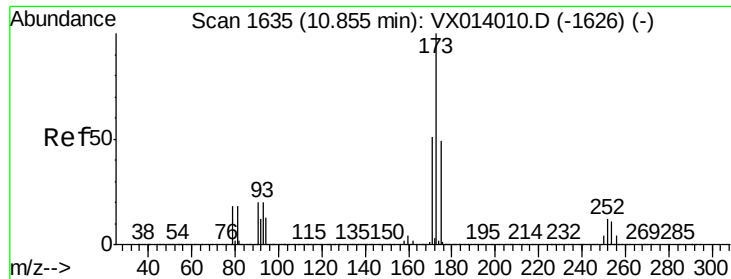
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#70
Styrene
Concen: 18.371 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014436.D
Acq: 06 Jan 2020 18:38

Tgt Ion:104 Resp: 291913
Ion Ratio Lower Upper
104 100
78 48.5 38.5 57.7
103 54.8 42.9 64.3





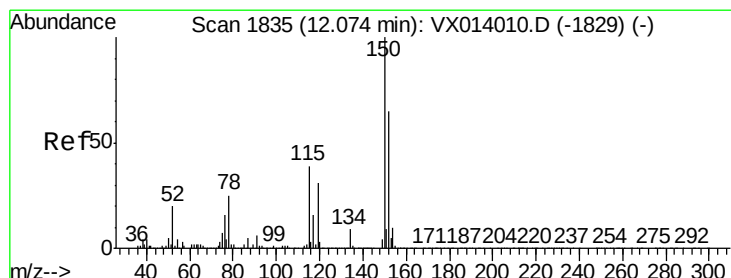
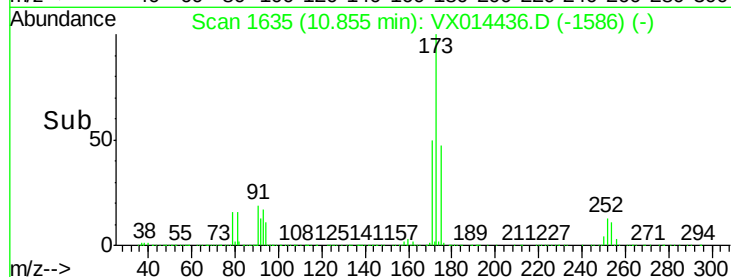
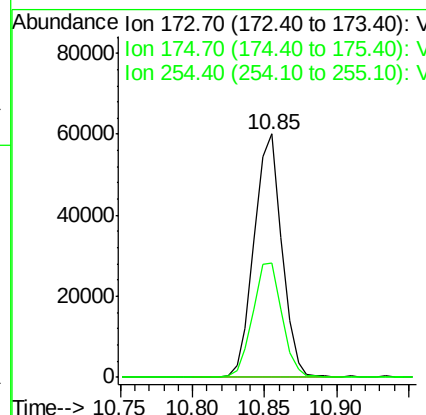
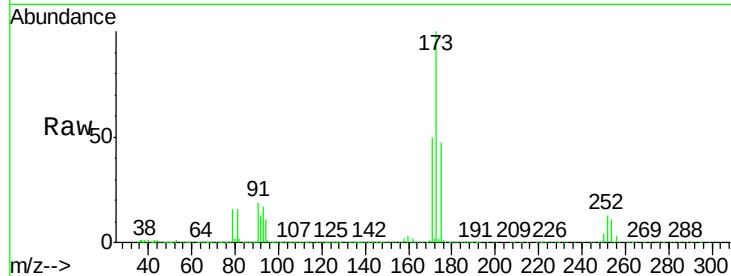
#71
Bromoform
Concen: 19.199 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX014436.D
Acq: 06 Jan 2020 18:38

Instrument :
MSVOA_X
ClientSampleId :
VX0106MBSD01

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.9	24.4	73.4
254	0.2	0.2	0.2

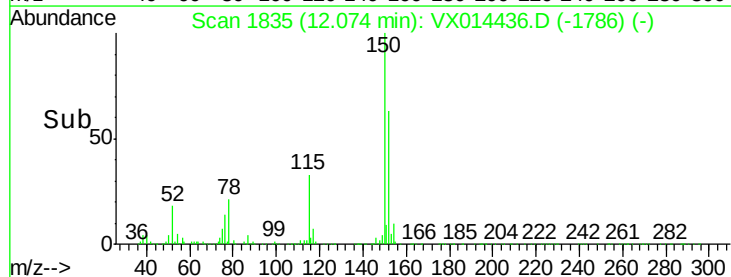
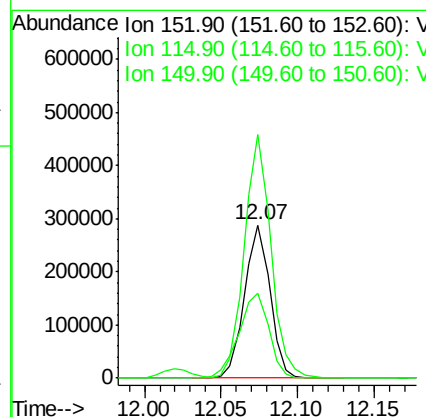
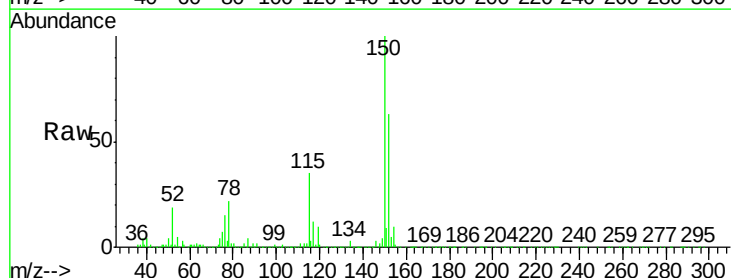
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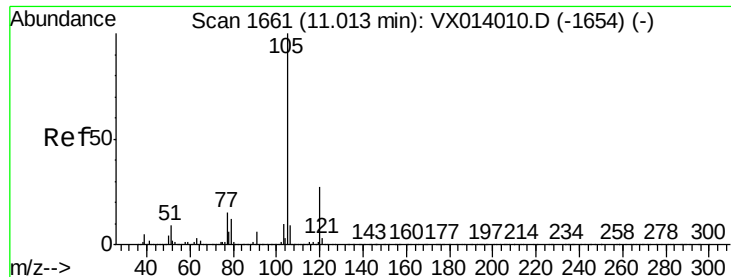
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014436.D
Acq: 06 Jan 2020 18:38

Tgt Ion	Ratio	Lower	Upper
152	100		
115	65.2	38.3	114.9
150	165.1	0.0	345.4





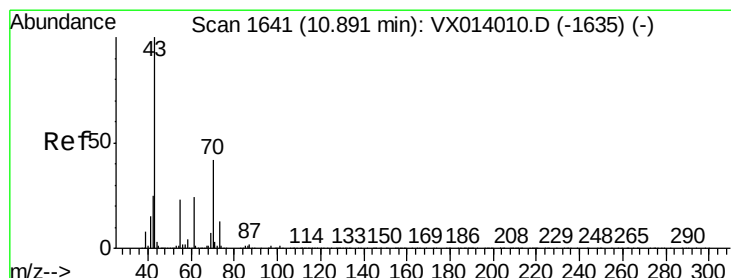
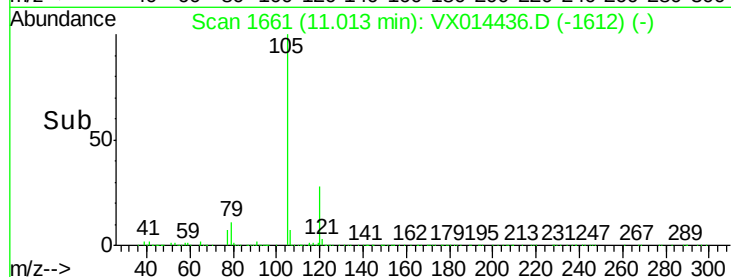
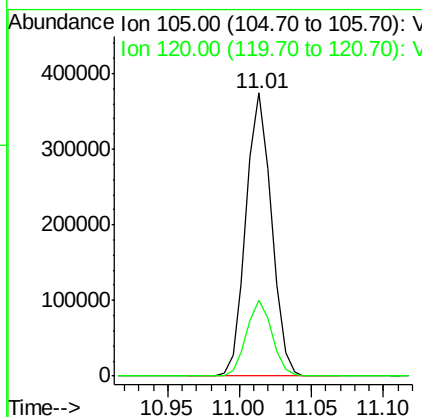
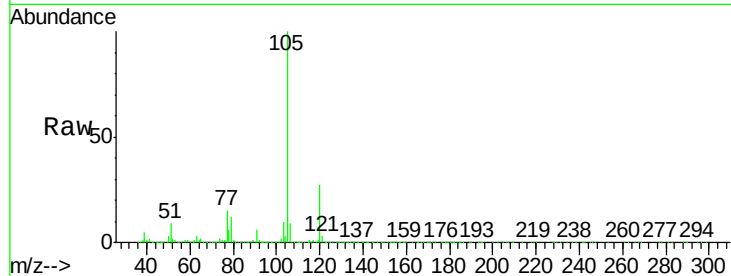
#73
Isopropylbenzene
Concen: 19.490 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX014436.D
Acq: 06 Jan 2020 18:38

Instrument :
MSVOA_X
ClientSampleId :
VX0106MBSD01

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.7	13.5	40.4

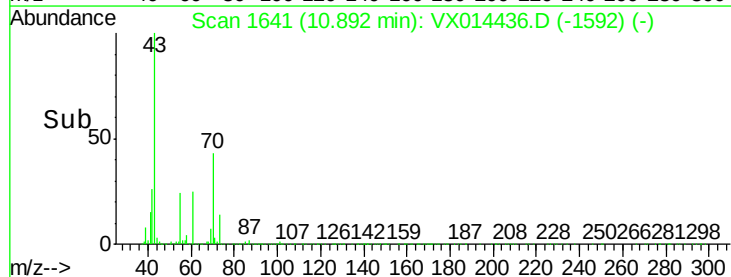
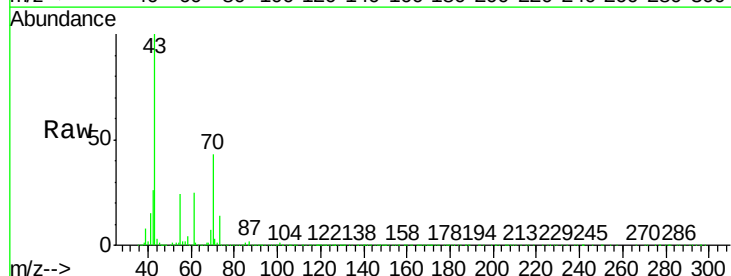
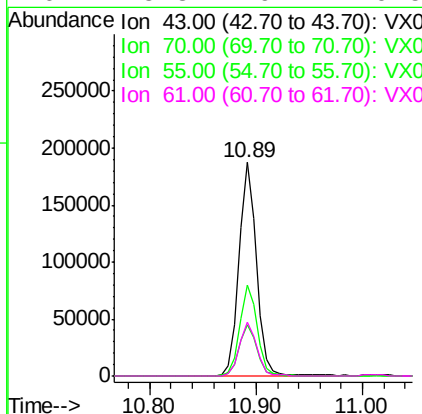
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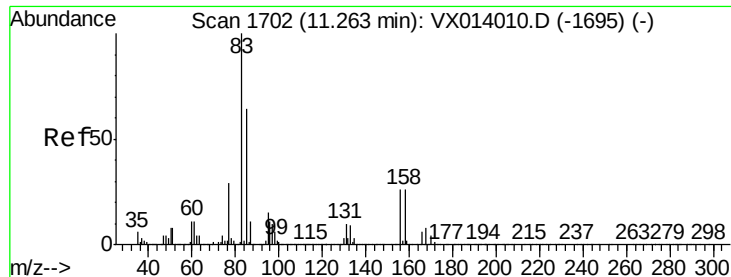
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#74
N-ethyl acetate
Concen: 19.566 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. 0.00 min
Lab File: VX014436.D
Acq: 06 Jan 2020 18:38

Tgt Ion	Ratio	Lower	Upper
43	100		
70	42.8	34.4	51.6
55	24.9	19.1	28.7
61	25.3	19.7	29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 18.277 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014436.D

Acq: 06 Jan 2020 18:38

Instrument :

MSVOA_X

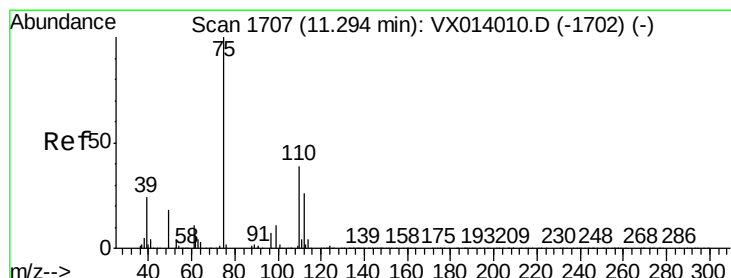
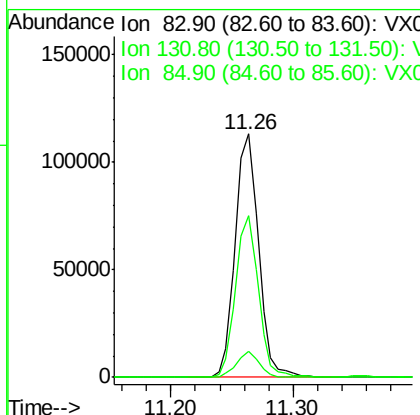
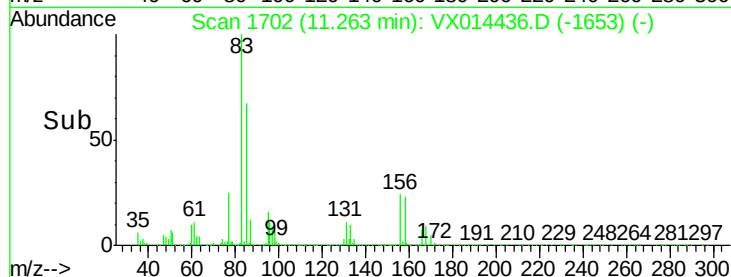
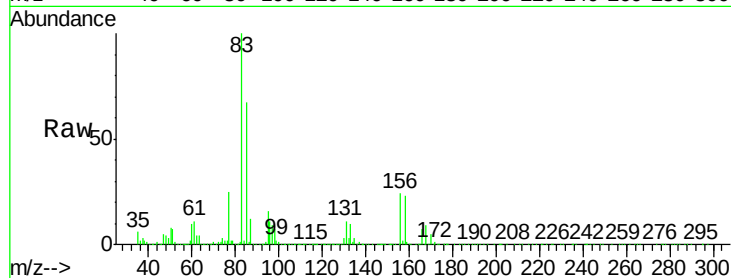
ClientSampled :

VX0106MBS01

Tgt Ion:	83	Resp:	148714
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.1	15.2
85	65.0	31.9	95.7

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#76

1,2,3-Trichloropropane

Concen: 20.723 ug/l m

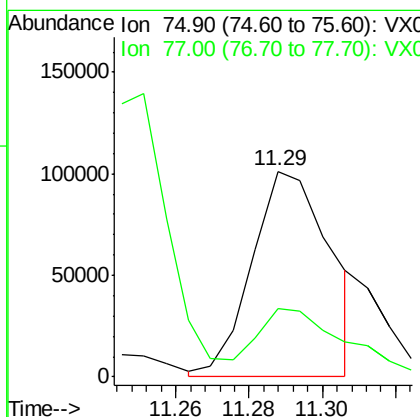
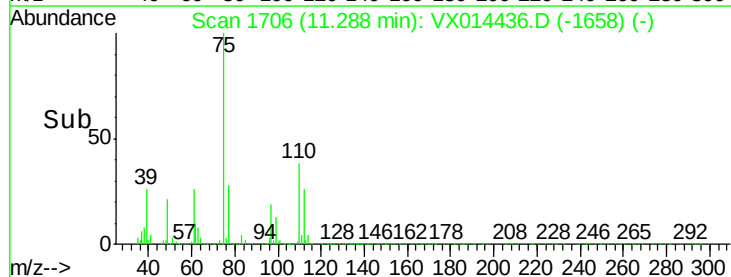
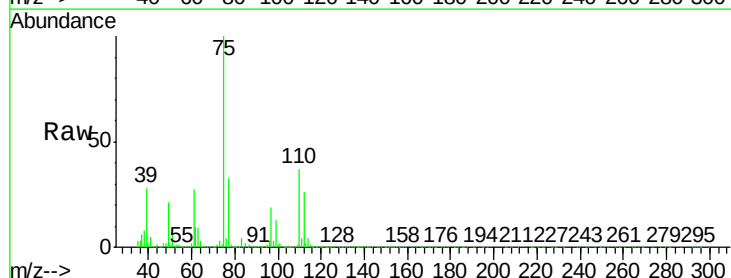
RT: 11.29 min Scan# 1706

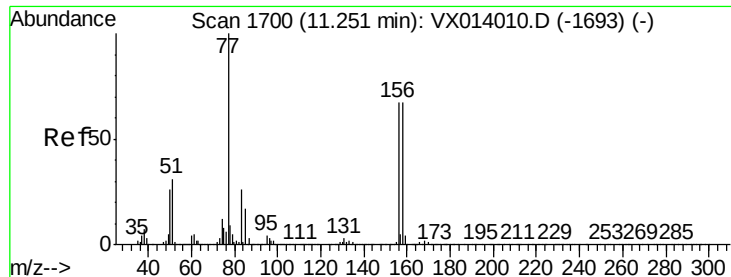
Delta R.T. -0.01 min

Lab File: VX014436.D

Acq: 06 Jan 2020 18:38

Tgt Ion:	75	Resp:	149964
Ion Ratio	Lower	Upper	
75	100		
77	37.1	19.3	57.8





#77

Bromobenzene

Concen: 18.958 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014436.D

Acq: 06 Jan 2020 18:38

Instrument :

MSVOA_X

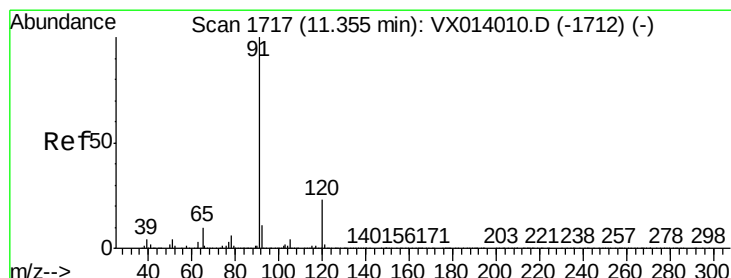
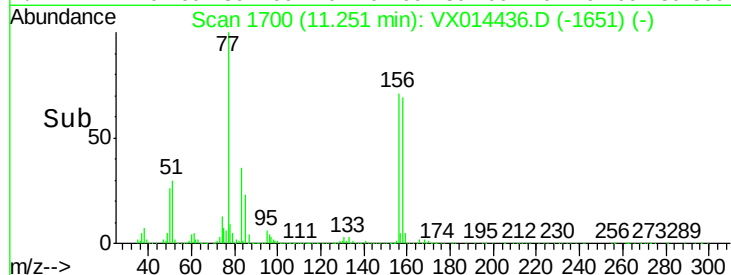
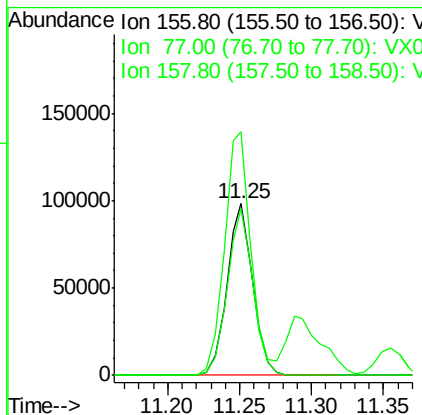
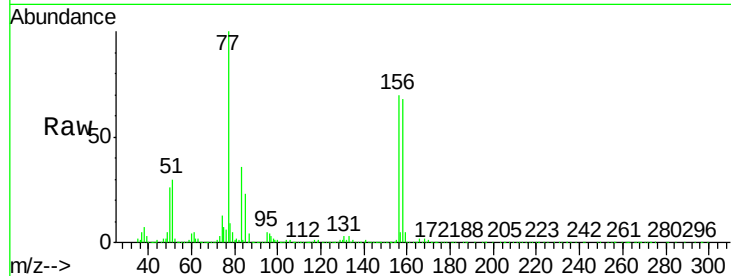
ClientSampled :

VX0106MBSD01

Tgt Ion:	156	Resp:	122417
Ion Ratio	Lower	Upper	
156	100		
77	148.1	76.5	229.5
158	97.0	49.3	147.9

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#78

n-propylbenzene

Concen: 18.997 ug/l

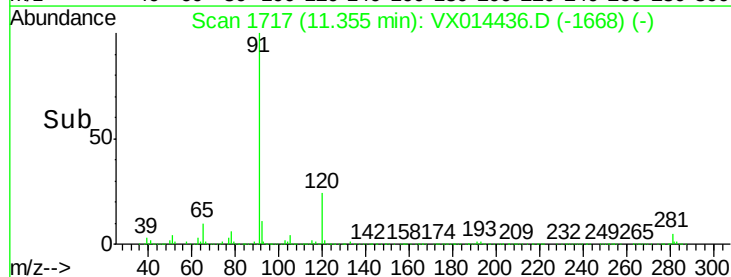
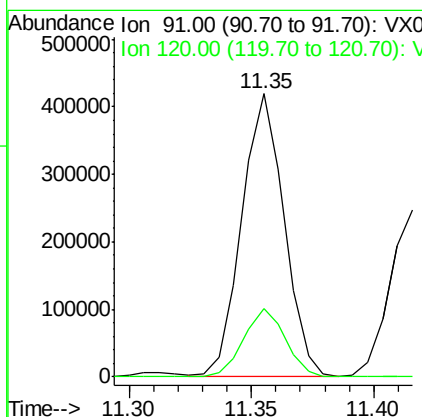
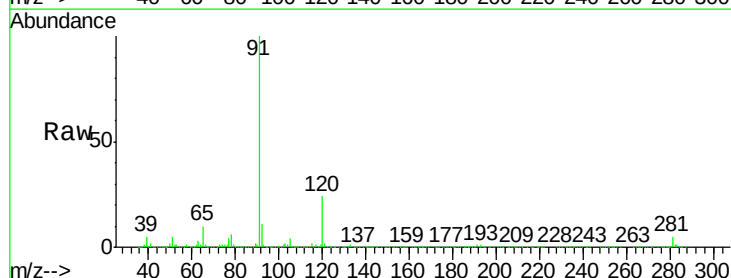
RT: 11.35 min Scan# 1717

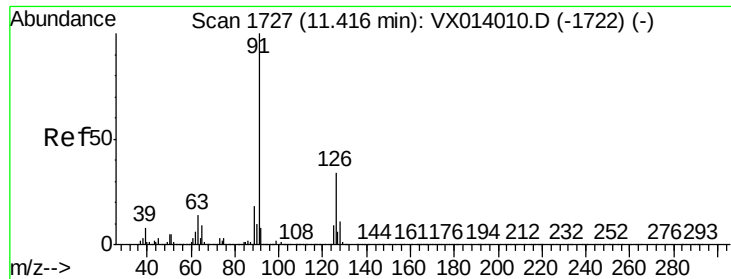
Delta R.T. 0.00 min

Lab File: VX014436.D

Acq: 06 Jan 2020 18:38

Tgt Ion:	91	Resp:	500099
Ion Ratio	Lower	Upper	
91	100		
120	24.1	11.7	35.0





#79

2-Chlorotoluene

Concen: 19.001 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014436.D

Acq: 06 Jan 2020 18:38

Instrument :

MSVOA_X

ClientSampleId :

VX0106MBSD01

Tgt Ion: 91 Resp: 304054

Ion Ratio Lower Upper

91 100

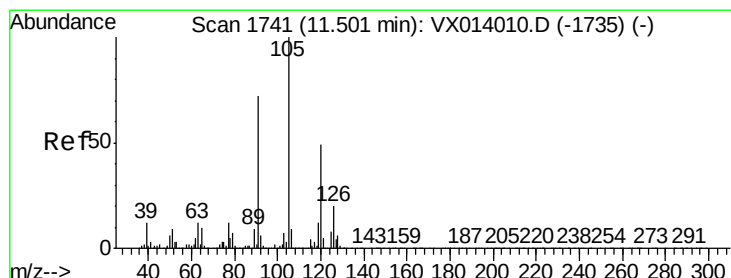
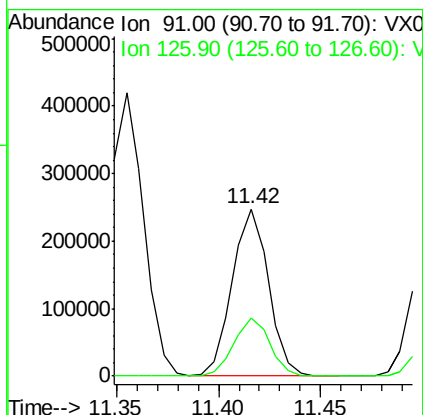
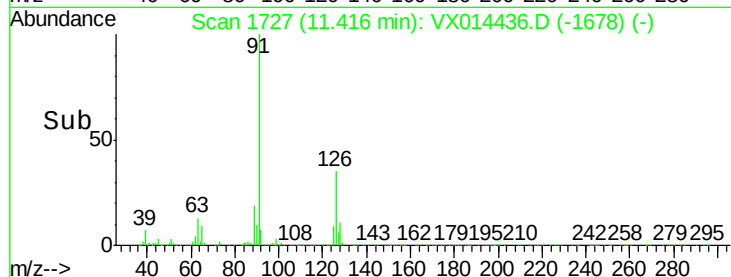
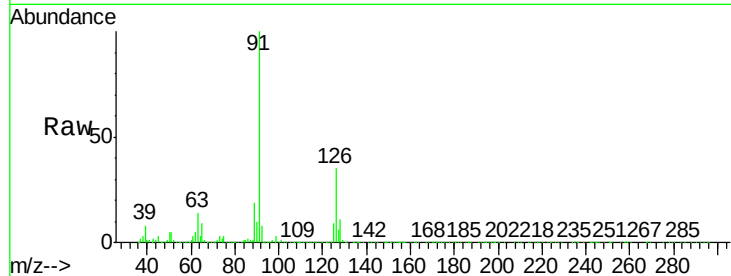
126 34.5 17.2 51.6

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#80

1,3,5-Trimethylbenzene

Concen: 19.250 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014436.D

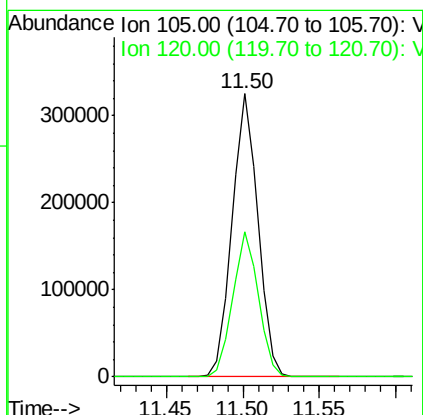
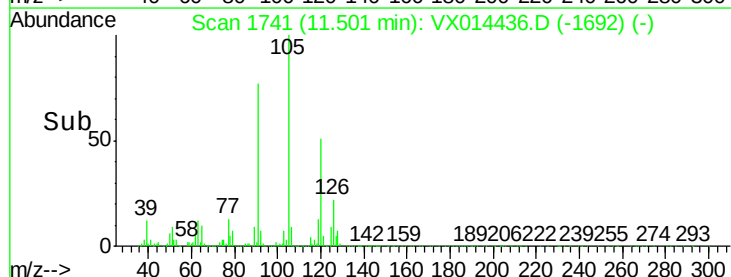
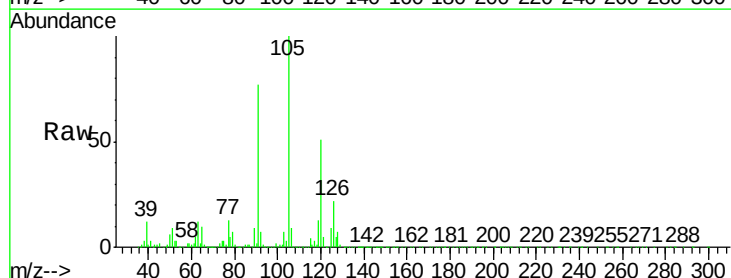
Acq: 06 Jan 2020 18:38

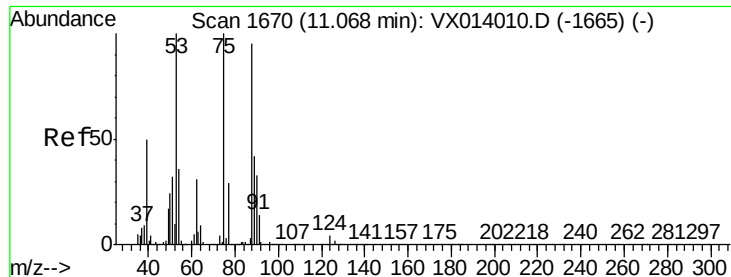
Tgt Ion: 105 Resp: 380234

Ion Ratio Lower Upper

105 100

120 51.1 25.3 75.8





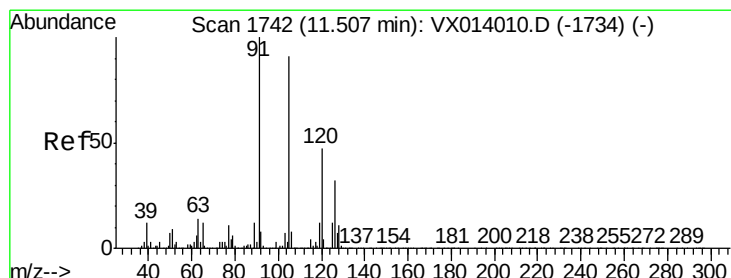
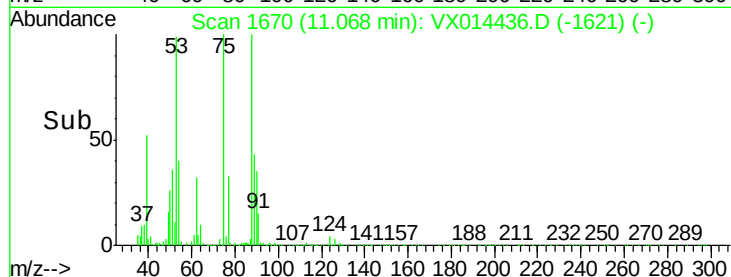
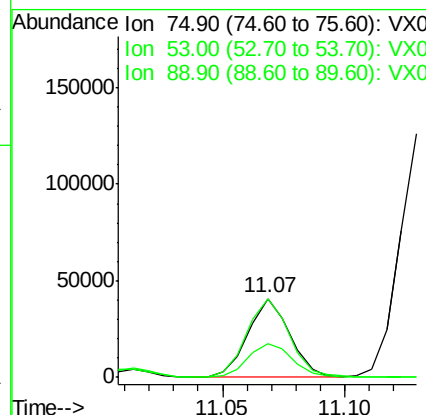
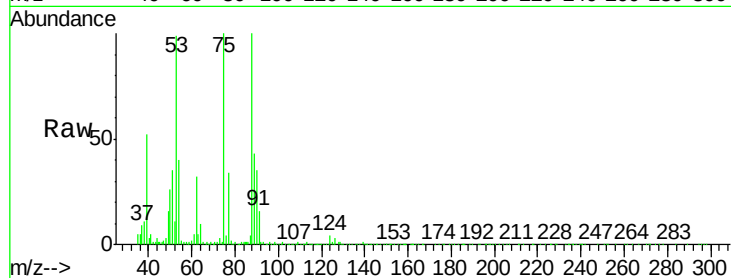
#81
trans-1,4-Dichloro-2-butene
Concen: 18.891 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX014436.D
Acq: 06 Jan 2020 18:38

Instrument :
MSVOA_X
ClientSampled :
VX0106MBSD01

Tgt Ion	Ratio	Lower	Upper
75	100		
53	100.7	76.7	115.1
89	46.2	34.6	51.8

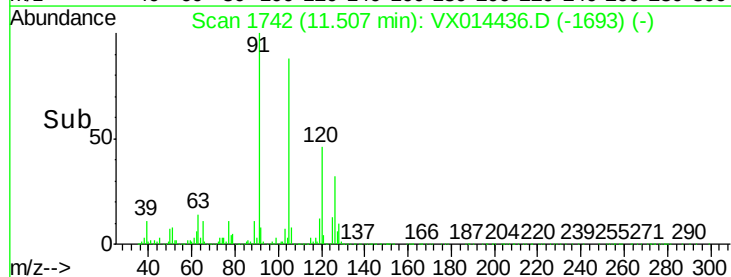
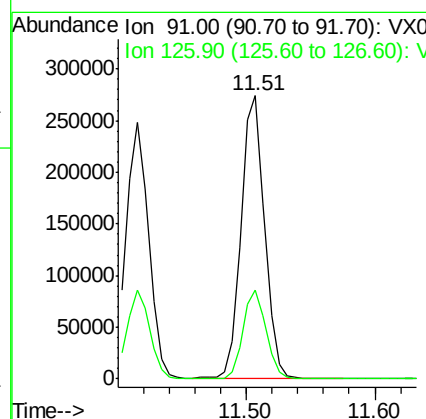
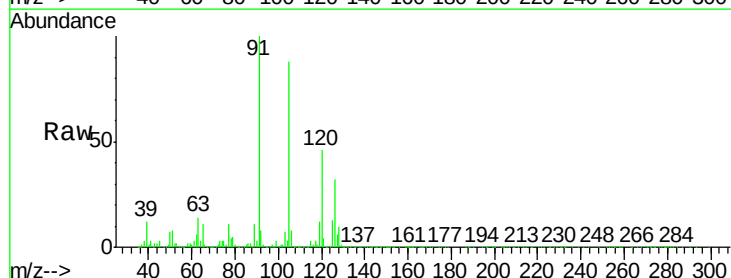
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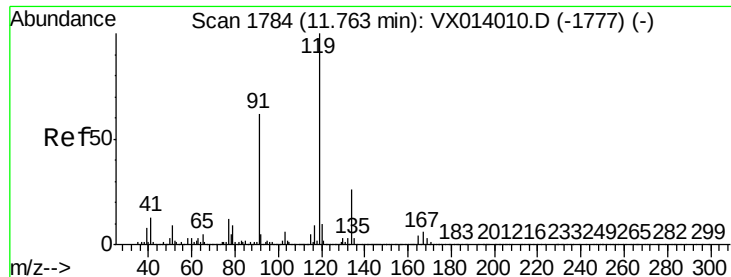
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#82
4-Chlorotoluene
Concen: 18.665 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX014436.D
Acq: 06 Jan 2020 18:38

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.8	15.6	46.8





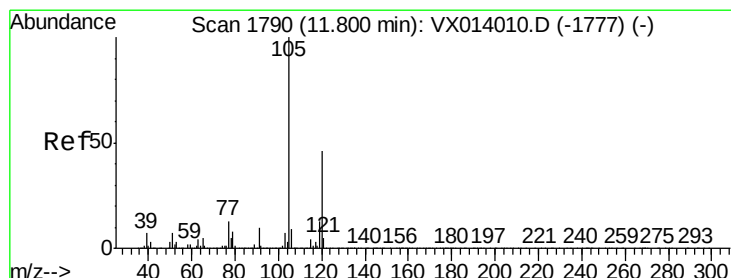
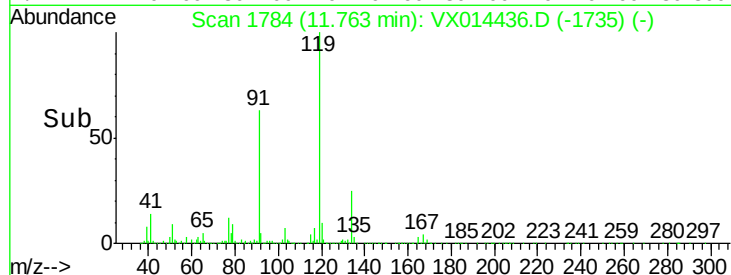
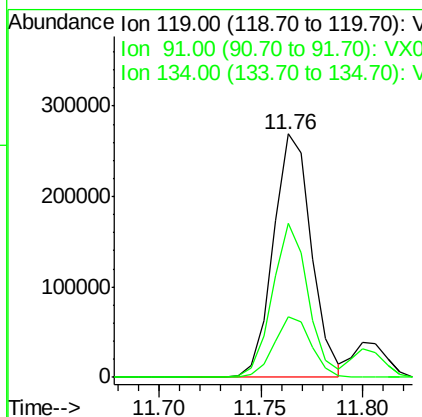
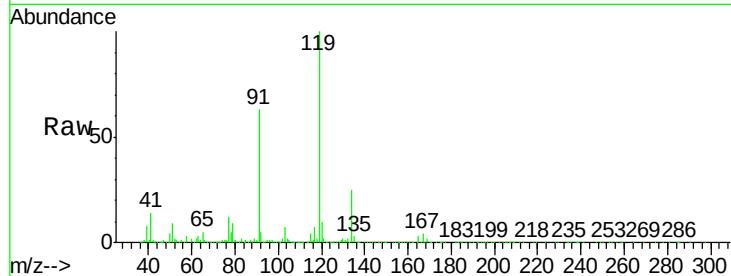
#83
 tert-Butylbenzene
 Concen: 18.262 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: VX014436.D
 Acq: 06 Jan 2020 18:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0106MBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	351038		
91	59.1	28.5	85.6	
134	24.6	12.2	36.6	

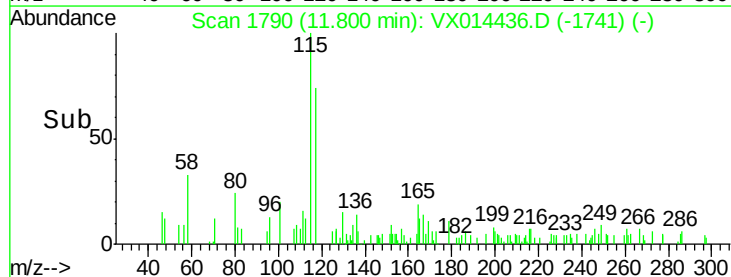
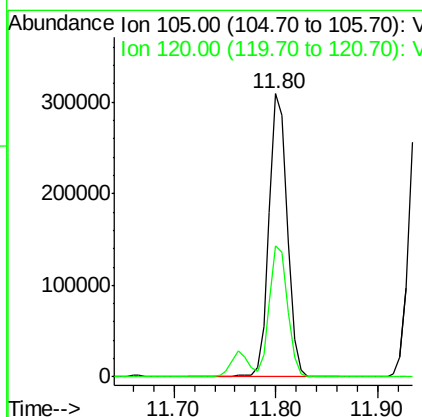
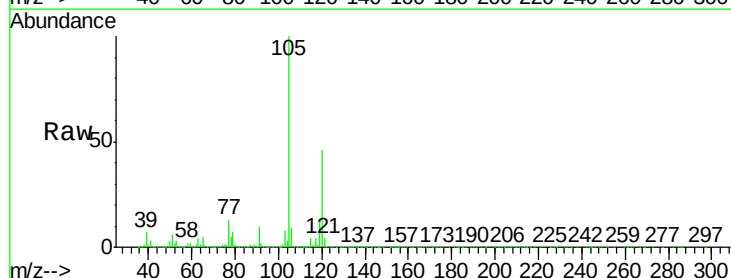
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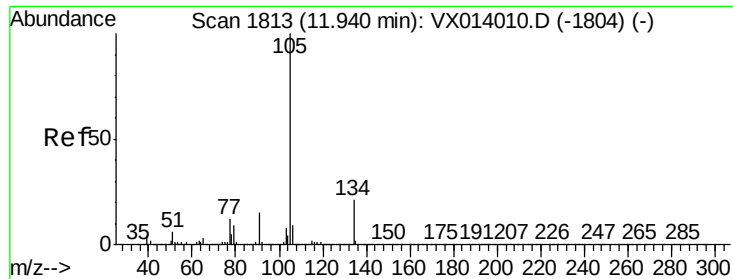
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.319 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX014436.D
 Acq: 06 Jan 2020 18:38

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	382133		
120	46.0	23.1	69.2	





#85

sec-Butylbenzene

Concen: 19.426 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014436.D

Acq: 06 Jan 2020 18:38

Instrument :

MSVOA_X

ClientSampleId :

VX0106MBSD01

Tgt Ion:105 Resp: 440809

Ion Ratio Lower Upper

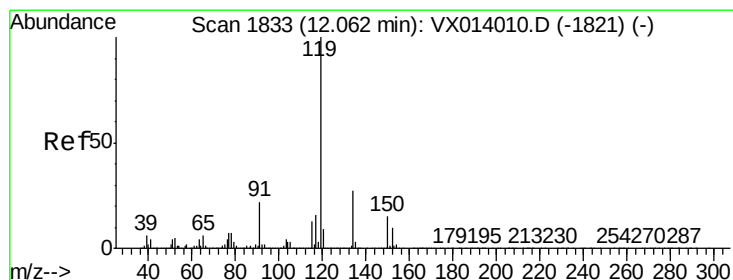
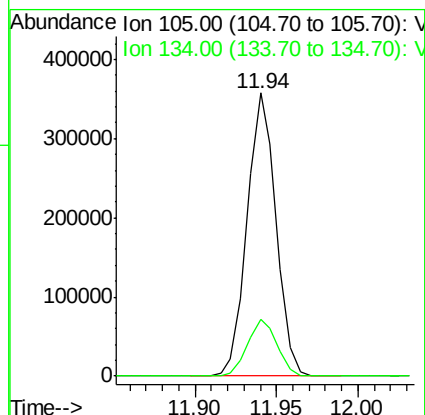
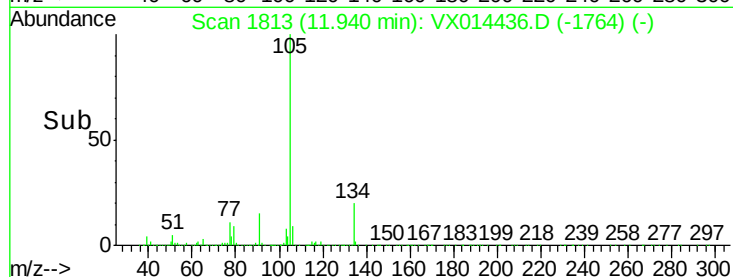
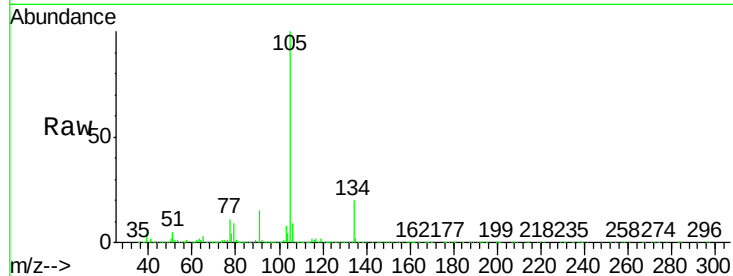
105 100

134 20.5 10.4 31.1

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#86

p-Isopropyltoluene

Concen: 19.202 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX014436.D

Acq: 06 Jan 2020 18:38

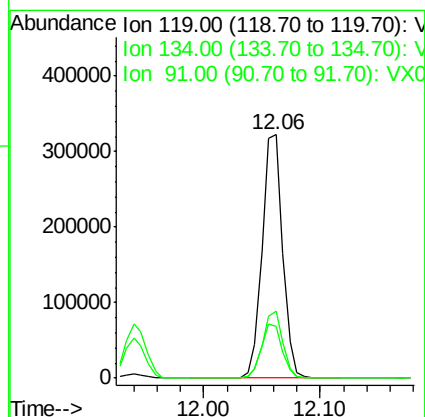
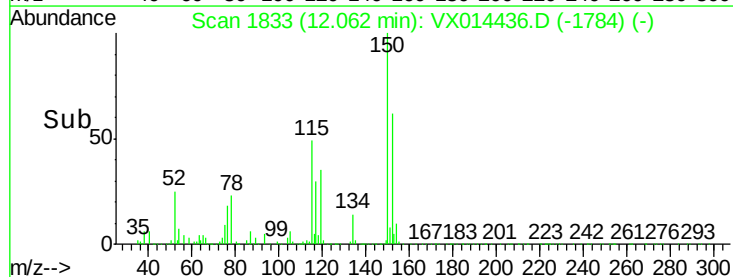
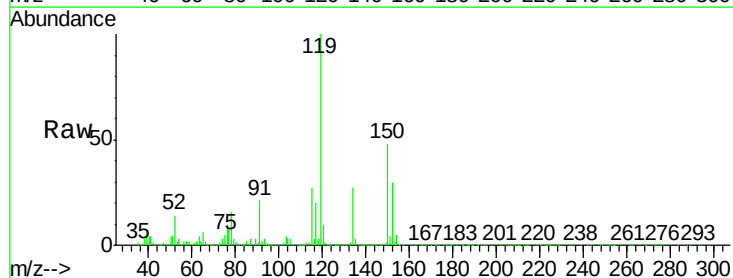
Tgt Ion:119 Resp: 398582

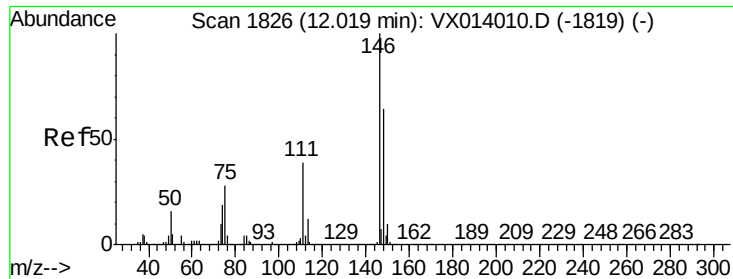
Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.1

91 22.5 11.4 34.1





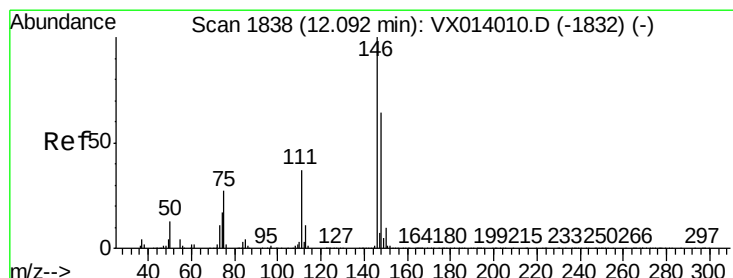
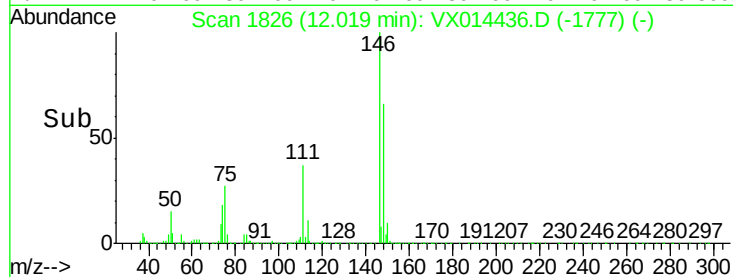
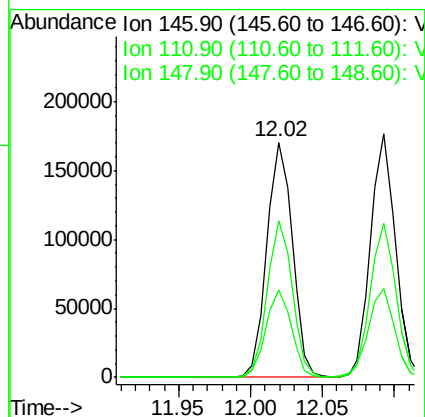
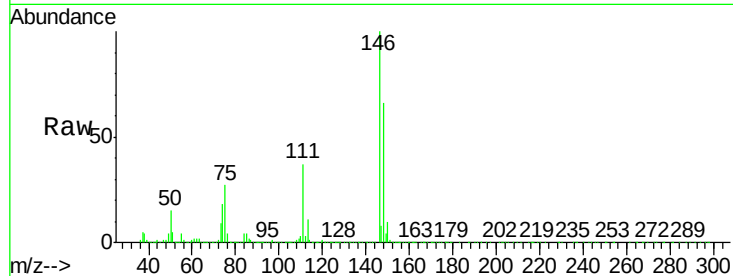
#87
 1,3-Dichlorobenzene
 Concen: 18.562 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014436.D
 Acq: 06 Jan 2020 18:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0106MBSD01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.1	19.1	57.1
148	64.8	32.3	96.9

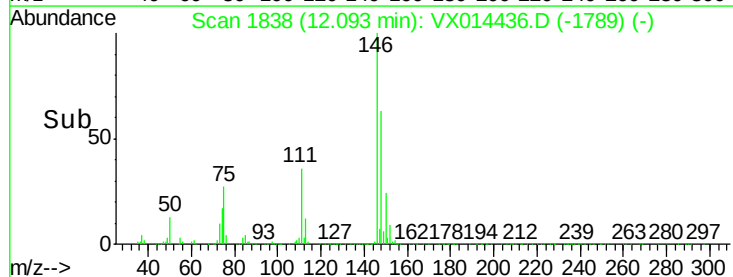
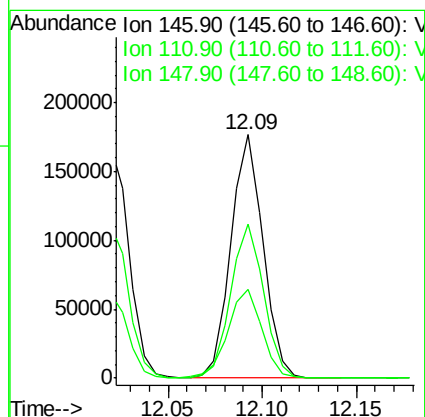
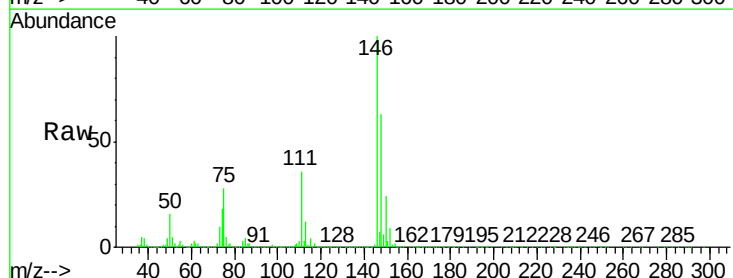
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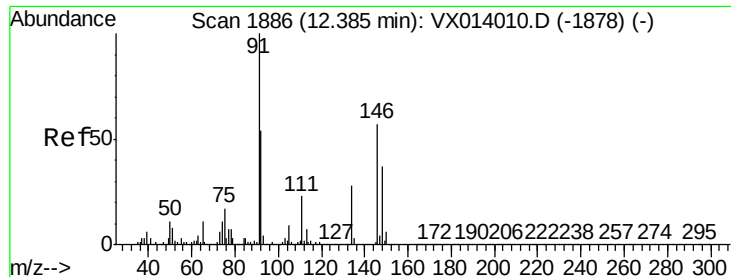
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#88
 1,4-Dichlorobenzene
 Concen: 18.165 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014436.D
 Acq: 06 Jan 2020 18:38

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.4	18.7	56.1
148	64.6	31.9	95.9





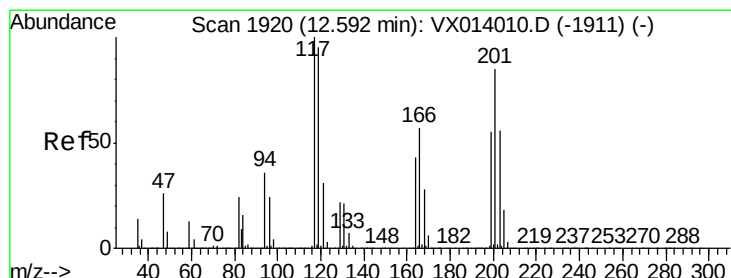
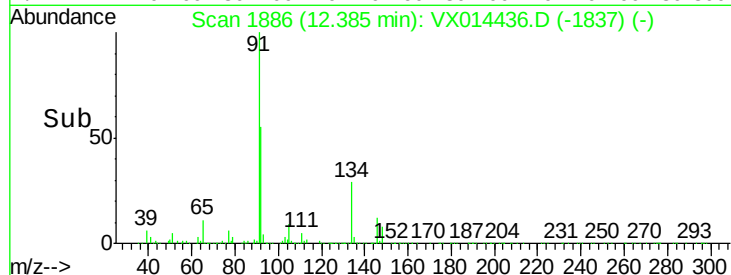
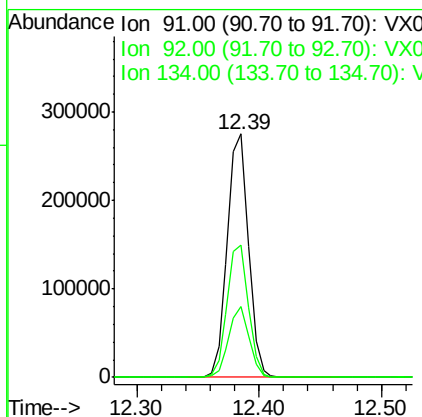
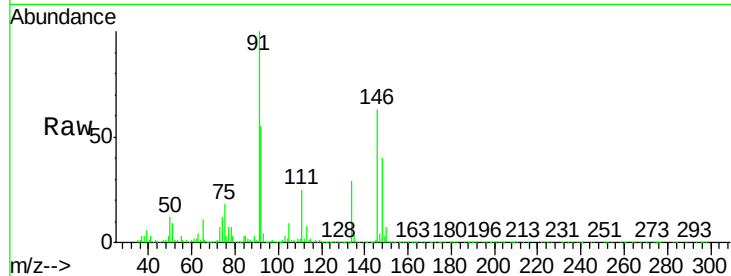
#89
n-Butylbenzene
Concen: 18.535 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014436.D
Acq: 06 Jan 2020 18:38

Instrument :
MSVOA_X
ClientSampleId :
VX0106MBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	328290		
92	54.9	27.2	81.6	
134	28.0	13.4	40.1	

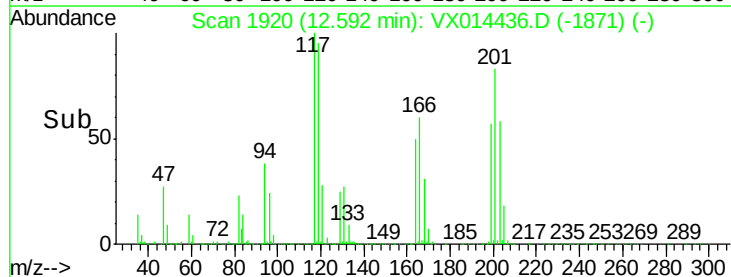
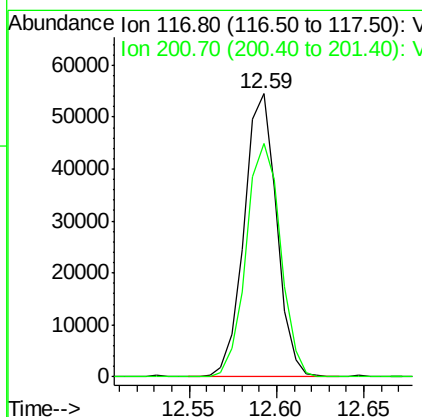
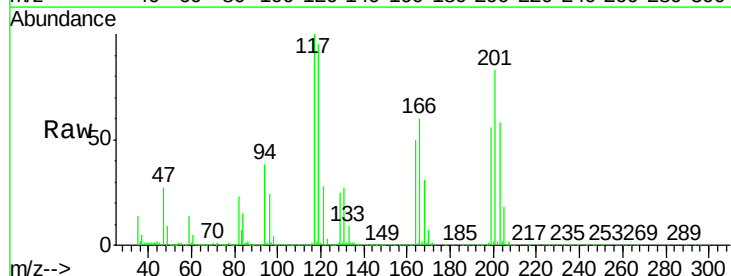
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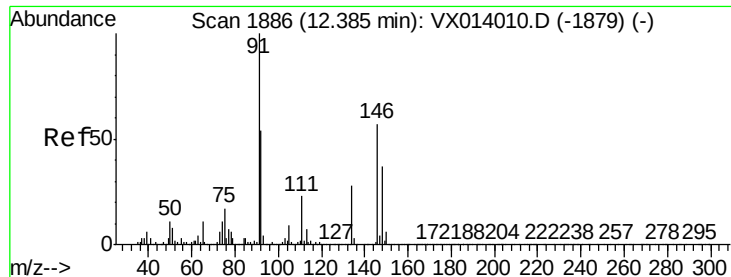
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#90
Hexachloroethane
Concen: 18.801 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014436.D
Acq: 06 Jan 2020 18:38

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	70096		
201	87.6	43.1	129.3	





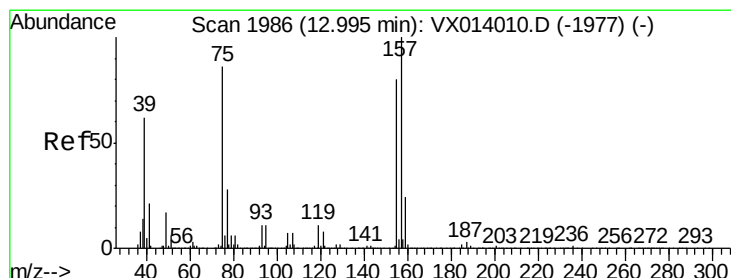
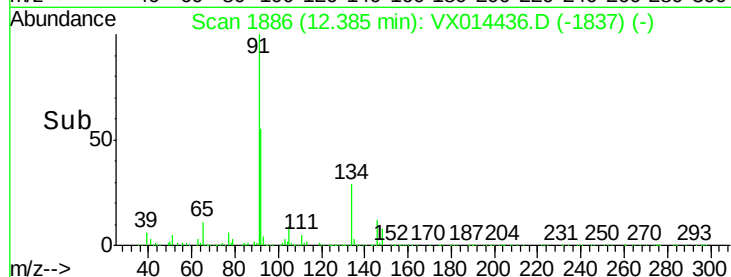
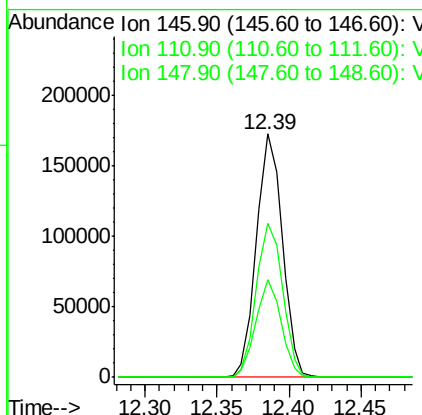
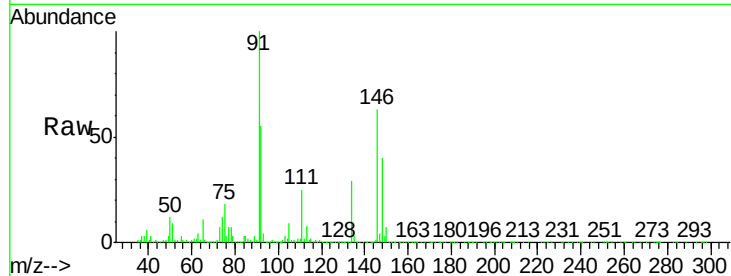
#91
 1,2-Dichlorobenzene
 Concen: 18.834 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014436.D
 Acq: 06 Jan 2020 18:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0106MBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	214571		
111	39.4	19.7	59.1	
148	64.3	32.1	96.5	

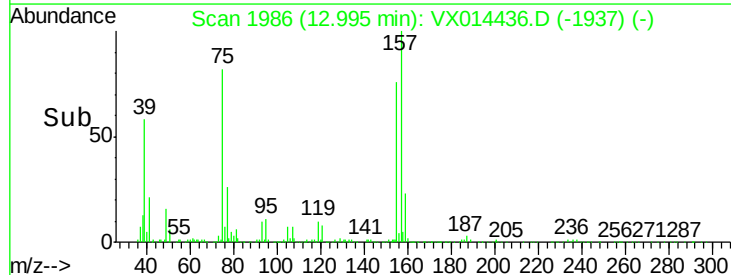
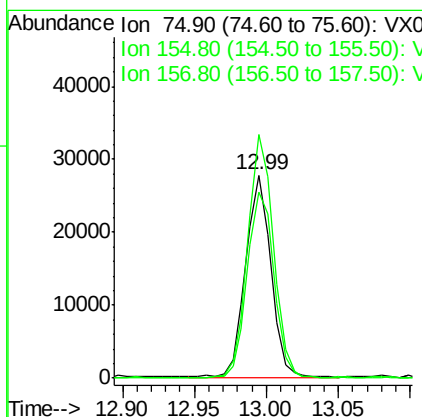
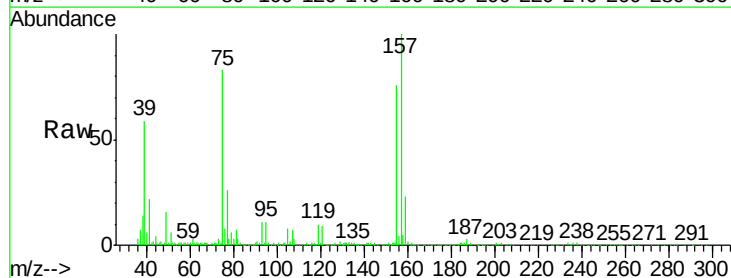
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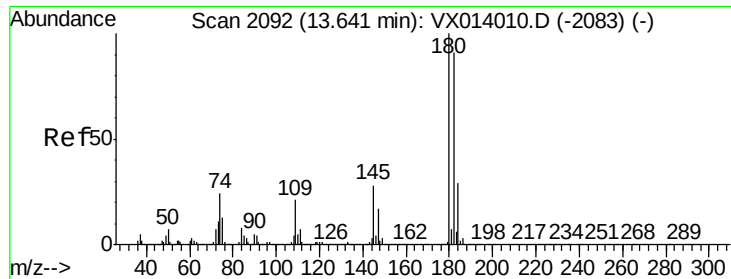
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.592 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX014436.D
 Acq: 06 Jan 2020 18:38

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	33476		
155	98.1	46.9	140.6	
157	123.2	60.8	182.4	





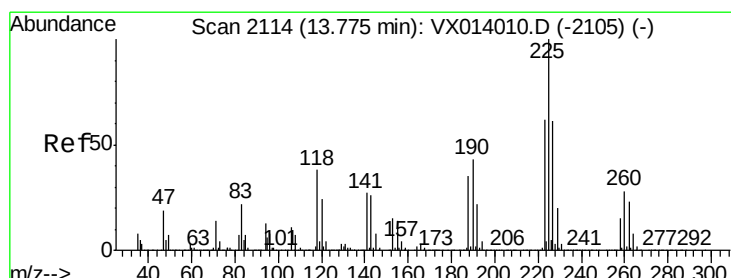
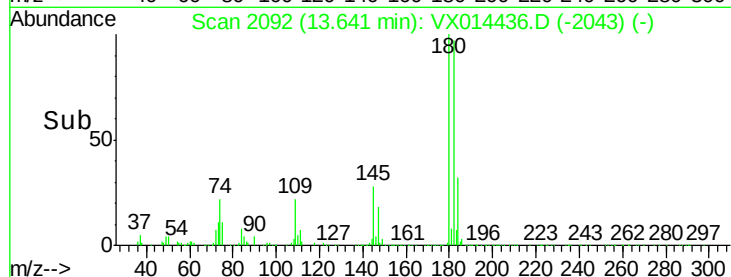
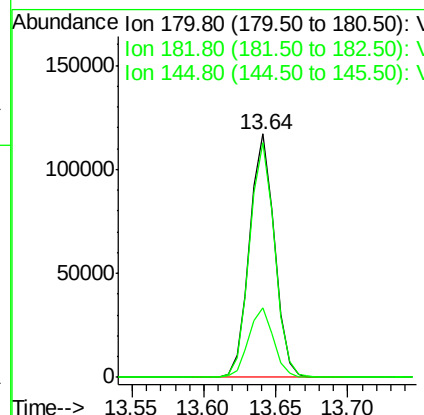
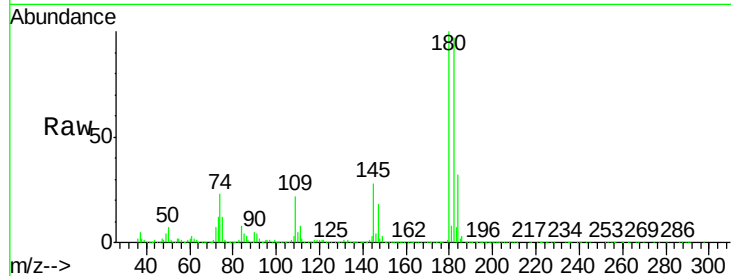
#93
 1,2,4-Trichlorobenzene
 Concen: 18.798 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014436.D
 Acq: 06 Jan 2020 18:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0106MBS01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	139189		
182	97.7	46.6	139.8	
145	28.7	14.2	42.6	

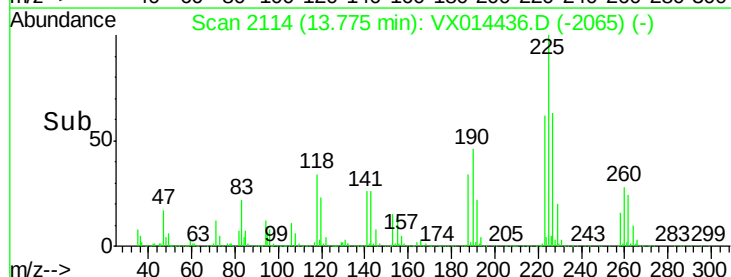
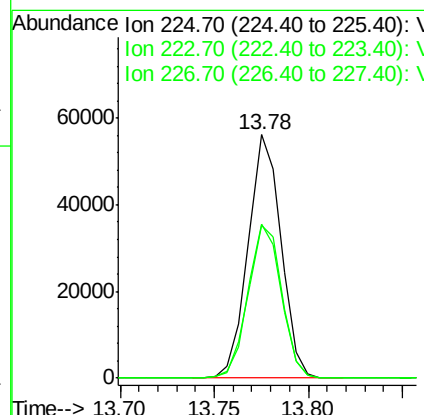
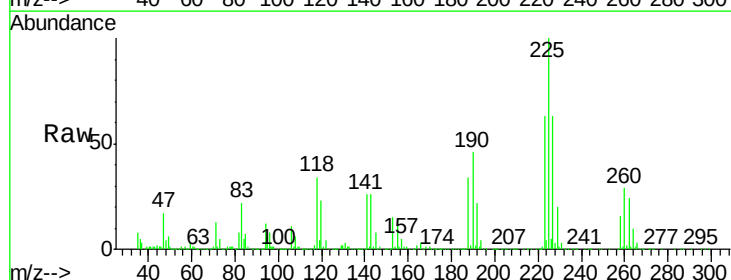
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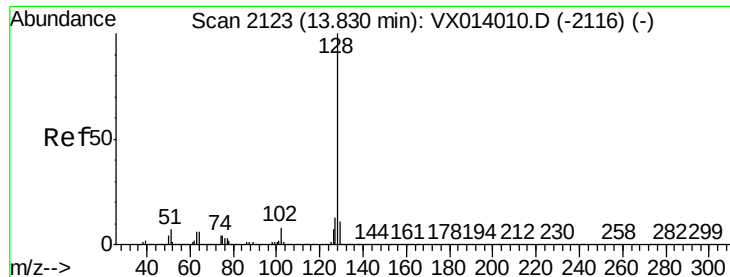
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#94
 Hexachlorobutadiene
 Concen: 19.142 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014436.D
 Acq: 06 Jan 2020 18:38

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	68119		
223	64.5	30.9	92.5	
227	63.8	30.9	92.7	





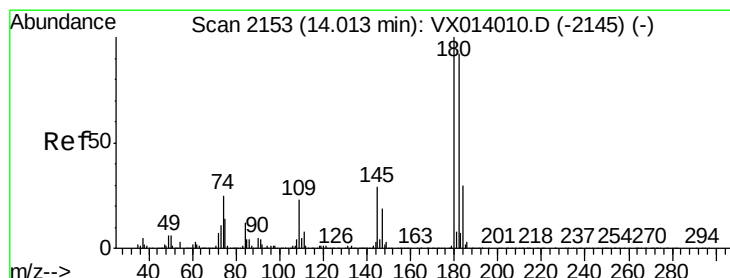
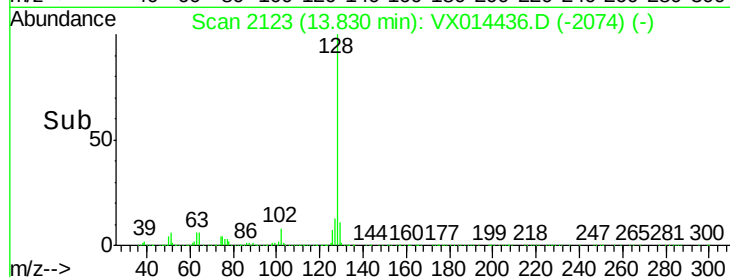
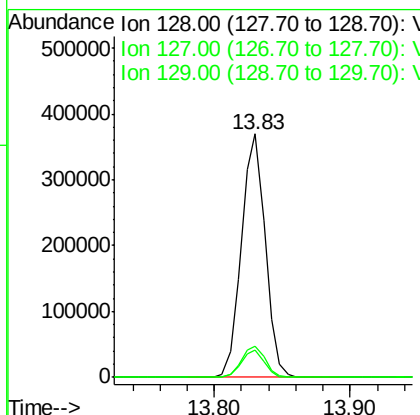
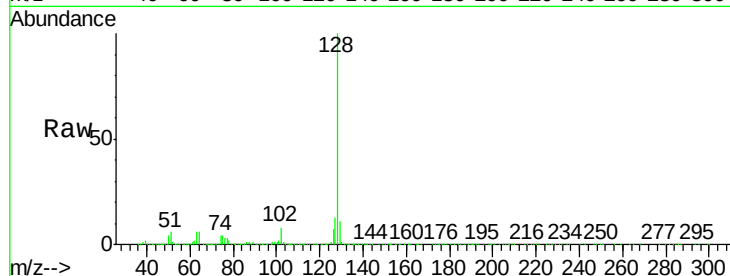
#95
Naphthalene
Concen: 20.746 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014436.D
Acq: 06 Jan 2020 18:38

Instrument :
MSVOA_X
ClientSampleId :
VX0106MBS01

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.4
129	10.8	8.7	13.1

Manual Integrations
APPROVED

apatel
1/7/2020 9:09:29 AM



#96
1,2,3-Trichlorobenzene
Concen: 19.694 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014436.D
Acq: 06 Jan 2020 18:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.0	46.8	140.3
145	29.3	14.8	44.4

