

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX070819\
 Data File : VX010709.D
 Acq On : 08 Jul 2019 20:29
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/9/2019 11:12:42 AM

Quant Time: Jul 09 02:34:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	227638	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	342054	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	318602	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	167667	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	110412	51.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.46%	
35) Dibromofluoromethane	5.49	113	103555	49.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.96%	
50) Toluene-d8	8.71	98	380612	47.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.08%	
62) 4-Bromofluorobenzene	11.13	95	146627	50.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	97389	61.537	ug/l	100
3) Chloromethane	1.32	50	97971	53.163	ug/l	99
4) Vinyl Chloride	1.41	62	108106	53.558	ug/l	98
5) Bromomethane	1.64	94	55950	56.897	ug/l	99
6) Chloroethane	1.71	64	65387	54.907	ug/l	99
7) Trichlorofluoromethane	1.92	101	184241	57.580	ug/l	100
8) Diethyl Ether	2.19	74	62505	54.472	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	103094	53.167	ug/l	99
10) Methyl Iodide	2.51	142	141062	50.974	ug/l	97
11) Tert butyl alcohol	3.05	59	129520	231.913	ug/l	98
12) 1,1-Dichloroethene	2.37	96	103736	52.575	ug/l	95
13) Acrolein	2.29	56	80282	216.694	ug/l	99
14) Allyl chloride	2.73	41	152955	54.602	ug/l	96
15) Acrylonitrile	3.14	53	296162	267.841	ug/l	100
16) Acetone	2.45	43	239135	223.561	ug/l	96
17) Carbon Disulfide	2.57	76	267553	50.543	ug/l	100
18) Methyl Acetate	2.78	43	117256	55.001	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	339152	54.638	ug/l	99
20) Methylene Chloride	2.85	84	117665	53.452	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	112245	52.893	ug/l	96
22) Diisopropyl ether	3.85	45	319660	54.579	ug/l	97
23) Vinyl Acetate	3.81	43	1428851	282.402	ug/l	98
24) 1,1-Dichloroethane	3.70	63	183913	54.325	ug/l	99
25) 2-Butanone	4.67	43	402975	256.826	ug/l	99
26) 2,2-Dichloropropane	4.59	77	139141	47.312	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	130061	53.037	ug/l	100
28) Bromochloromethane	5.01	49	80603	49.797	ug/l	93
29) Tetrahydrofuran	5.13	42	260370	267.902	ug/l	99
30) Chloroform	5.21	83	197723	54.282	ug/l	99
31) Cyclohexane	5.58	56	166066	53.866	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	177221	55.100	ug/l	99
36) 1,1-Dichloropropene	5.80	75	142758	52.520	ug/l	98
37) Ethyl Acetate	4.84	43	154909	55.398	ug/l	98
38) Carbon Tetrachloride	5.79	117	156513	53.174	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	183647	51.400	ug/l	98
40) Benzene	6.14	78	448345	52.944	ug/l	100
41) Methacrylonitrile	5.04	41	82606	53.840	ug/l	98
42) 1,2-Dichloroethane	6.19	62	148202	57.492	ug/l	97
43) Isopropyl Acetate	6.45	43	253790	54.856	ug/l	98
44) Trichloroethene	7.21	130	131095	51.736	ug/l	99
45) 1,2-Dichloropropane	7.51	63	112585	52.647	ug/l	97
46) Dibromomethane	7.66	93	81251	52.956	ug/l	98
47) Bromodichloromethane	7.90	83	149133	53.038	ug/l	100
48) Methyl methacrylate	7.77	41	120840	56.193	ug/l	98
49) 1,4-Dioxane	7.74	88	63914	1031.723	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	825924	279.131	ug/l	98
52) Toluene	8.78	92	293988	52.717	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	164797	52.276	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	180707	52.749	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	122144	53.107	ug/l	99
56) Ethyl methacrylate	9.18	69	189474	54.382	ug/l	96
57) 1,3-Dichloropropane	9.37	76	191267	53.573	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	388414	234.734	ug/l	100
59) 2-Hexanone	9.49	43	635740	272.994	ug/l	98
60) Dibromochloromethane	9.58	129	134247	52.131	ug/l	99
61) 1,2-Dibromoethane	9.67	107	132654	53.435	ug/l	99
64) Tetrachloroethene	9.34	164	126336	49.026	ug/l	98
65) Chlorobenzene	10.13	112	332219	51.362	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	121306	51.487	ug/l	99
67) Ethyl Benzene	10.25	91	570921	52.283	ug/l	100
68) m/p-Xylenes	10.36	106	443304	104.772	ug/l	97
69) o-Xylene	10.69	106	218370	52.481	ug/l	99
70) Styrene	10.71	104	374630	53.687	ug/l	99
71) Bromoform	10.85	173	102541	50.047	ug/l #	99
73) Isopropylbenzene	11.02	105	580864	51.107	ug/l	99
74) N-amyl acetate	10.90	43	233950	54.466	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	191427	50.857	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	157311m	51.487	ug/l	
77) Bromobenzene	11.26	156	157400	49.596	ug/l	96
78) n-propylbenzene	11.36	91	661491	52.955	ug/l	98
79) 2-Chlorotoluene	11.42	91	382734	51.454	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	492891	52.605	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	57934	44.235	ug/l	91
82) 4-Chlorotoluene	11.51	91	449368	53.091	ug/l	98
83) tert-Butylbenzene	11.77	119	484657	51.536	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	492771	52.347	ug/l	99
85) sec-Butylbenzene	11.94	105	574466	52.026	ug/l	99
86) p-Isopropyltoluene	12.06	119	529060	51.801	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	280284	50.595	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	280825	49.793	ug/l	99
89) n-Butylbenzene	12.38	91	453065	52.204	ug/l	100
90) Hexachloroethane	12.60	117	85486	48.406	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	274999	49.947	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	40498	49.902	ug/l	92

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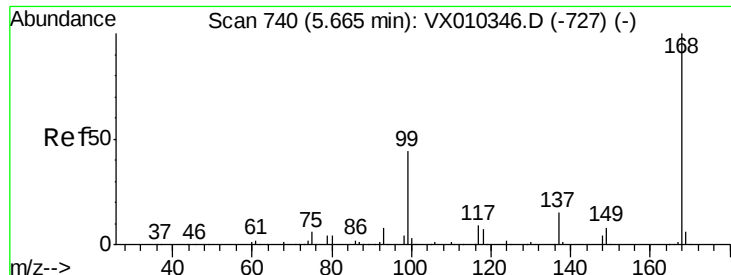
Manual Integrations
APPROVED

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	192370	50.382	ug/l	98
94) Hexachlorobutadiene	13.78	225	90185	48.328	ug/l	97
95) Naphthalene	13.83	128	593389	50.572	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	189718	49.975	ug/l	99

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



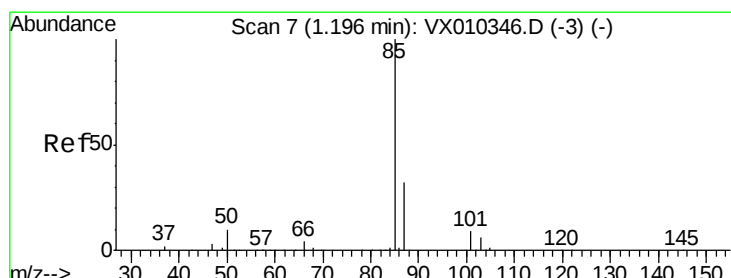
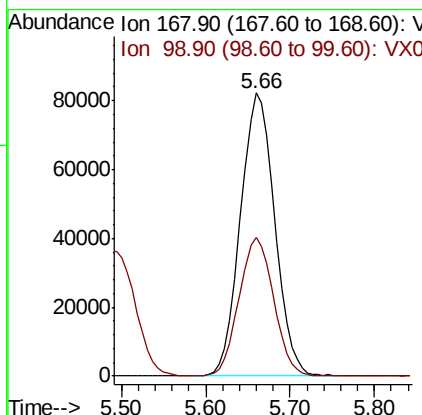
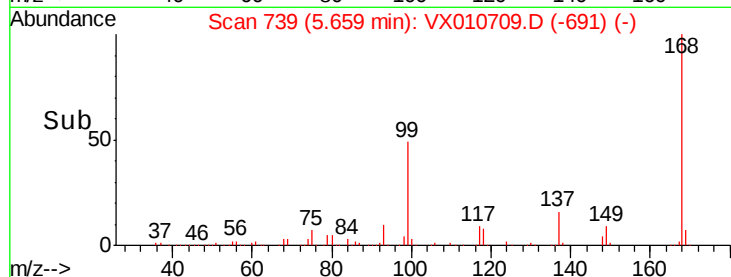
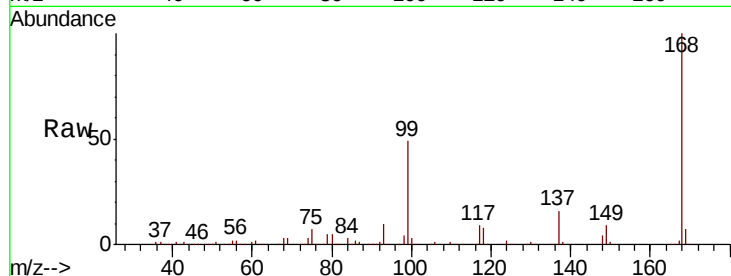
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.01 min
Lab File: VX010709.D
Acq: 08 Jul 2019 20:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:168 Resp: 227638
Ion Ratio Lower Upper
168 100
99 48.7 35.5 53.3

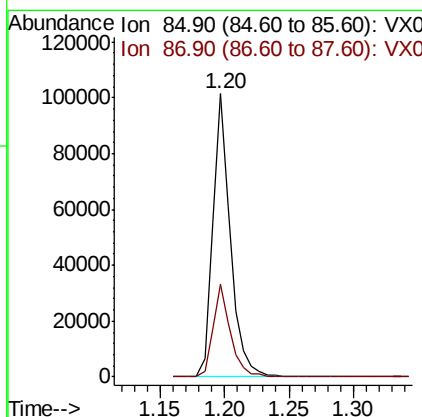
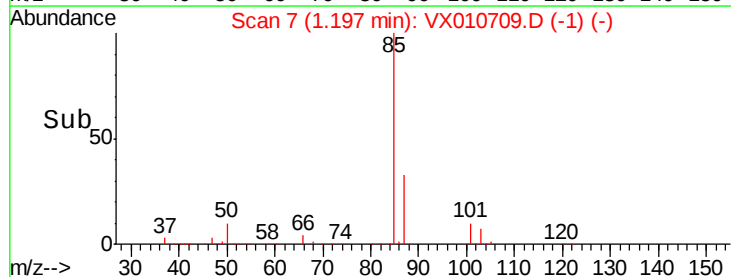
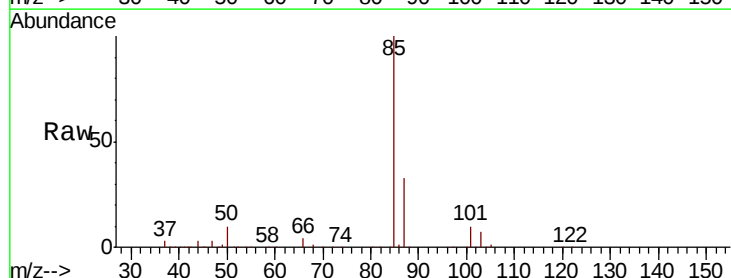
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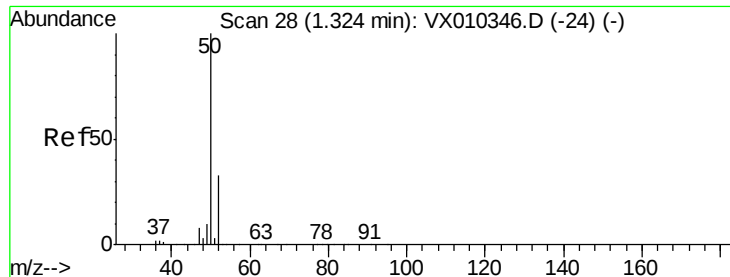
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#2
Dichlorodifluoromethane
Concen: 61.537 ug/l
RT: 1.20 min Scan# 7
Delta R.T. 0.00 min
Lab File: VX010709.D
Acq: 08 Jul 2019 20:29

Tgt Ion: 85 Resp: 97389
Ion Ratio Lower Upper
85 100
87 32.8 16.3 48.8





#3

Chloromethane

Concen: 53.163 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX010709.D

Acq: 08 Jul 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 50 Resp: 97971

Ion Ratio Lower Upper

50 100

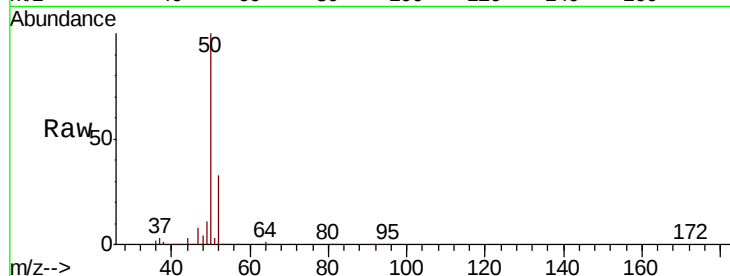
52 32.7 26.5 39.7

Manual Integrations

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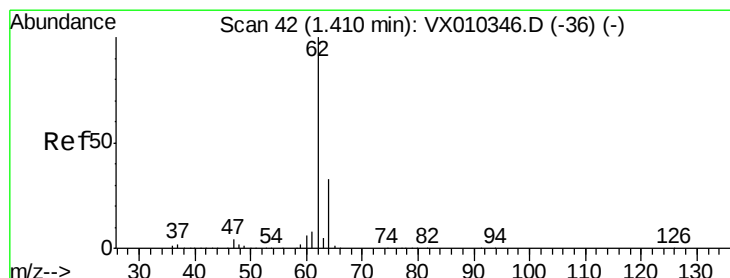
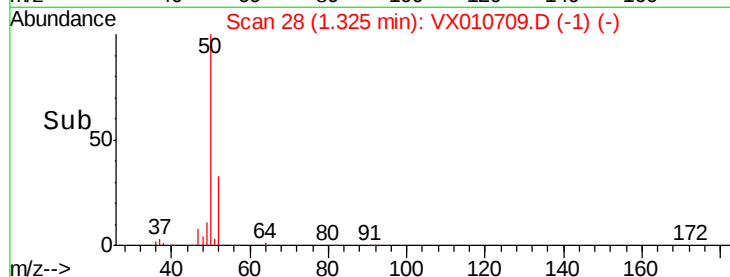
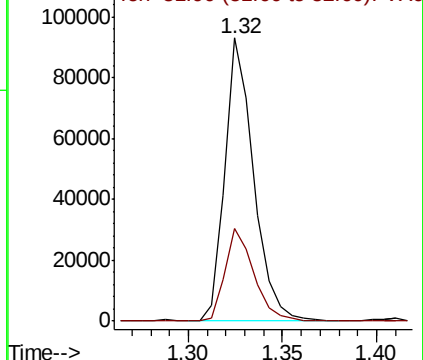
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 53.558 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010709.D

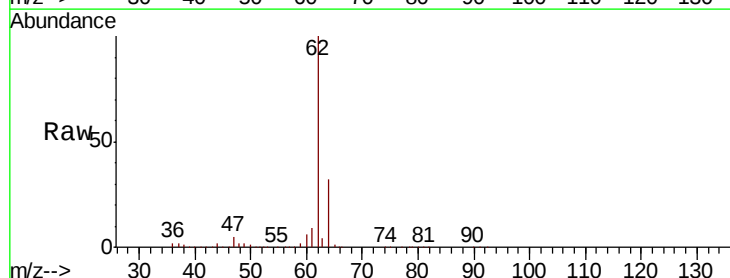
Acq: 08 Jul 2019 20:29

Tgt Ion: 62 Resp: 108106

Ion Ratio Lower Upper

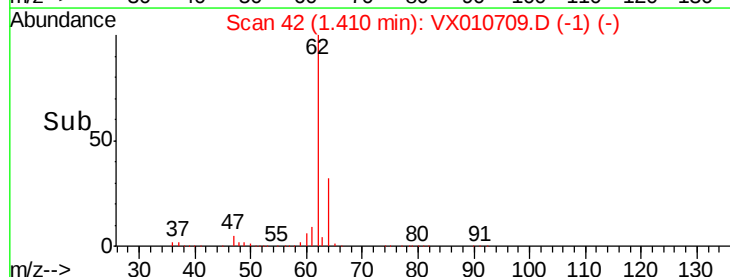
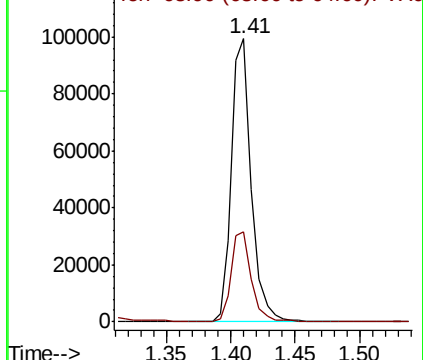
62 100

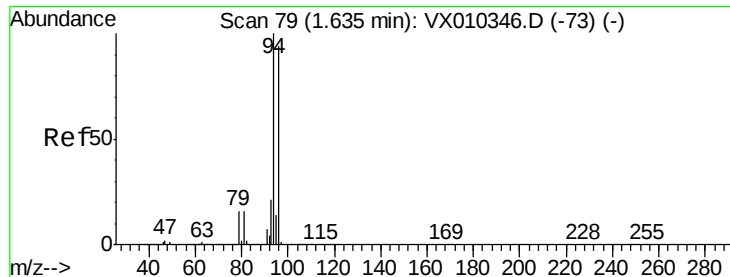
64 31.5 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 56.897 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX010709.D

Acq: 08 Jul 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 94 Resp: 55950

Ion Ratio Lower Upper

94 100

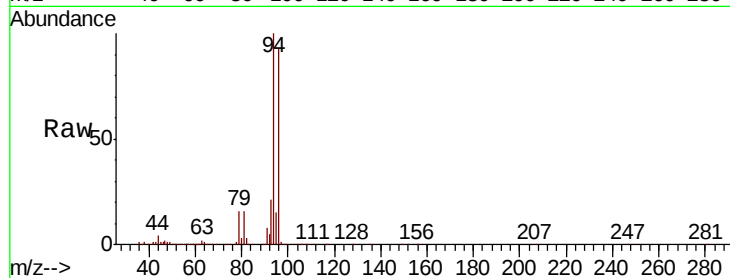
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Manual Integrations

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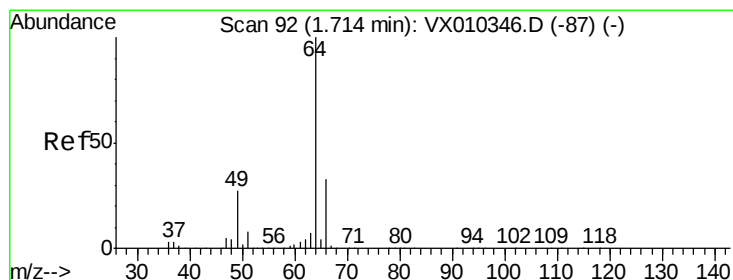
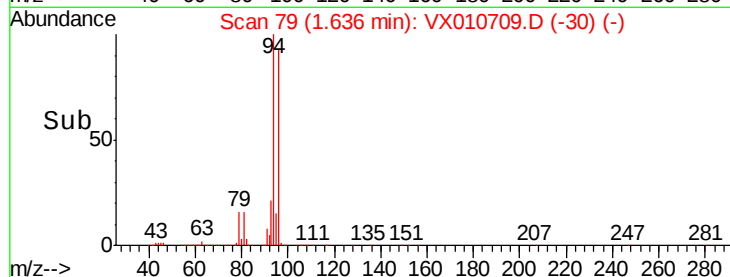
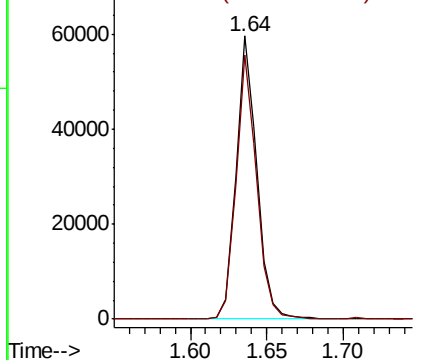
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 54.907 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX010709.D

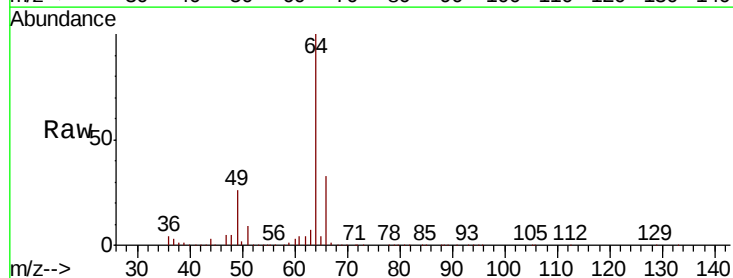
Acq: 08 Jul 2019 20:29

Tgt Ion: 64 Resp: 65387

Ion Ratio Lower Upper

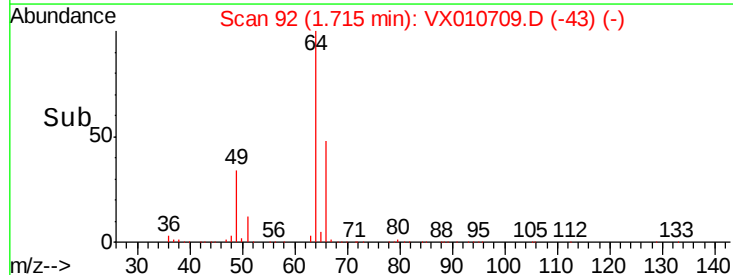
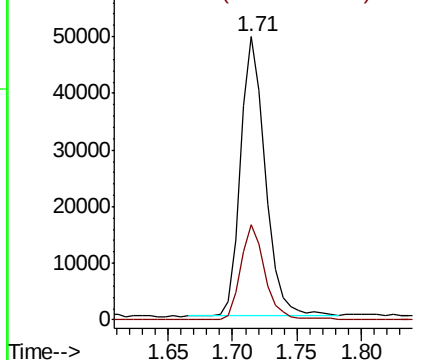
64 100

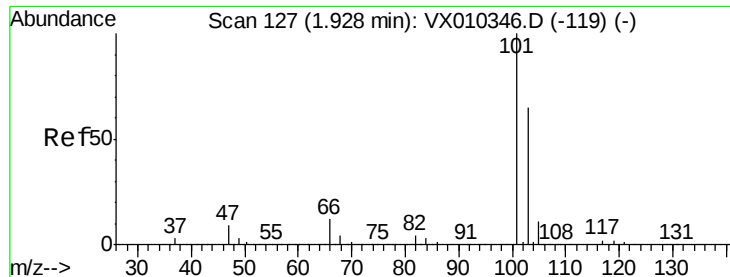
66 33.7 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

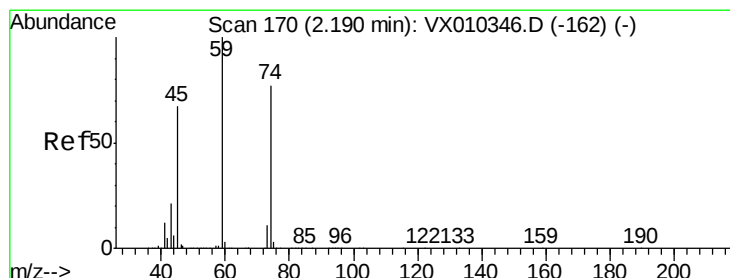
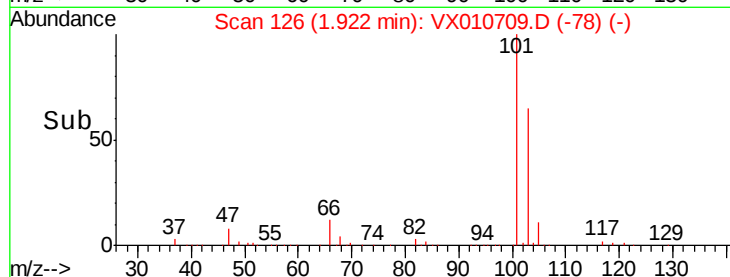
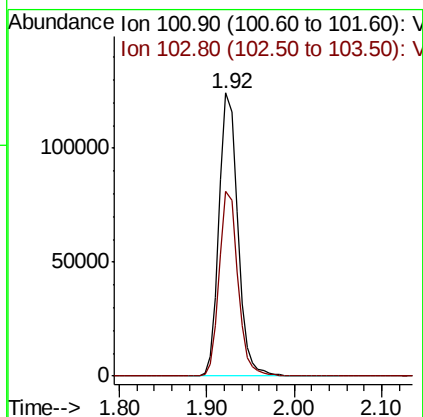
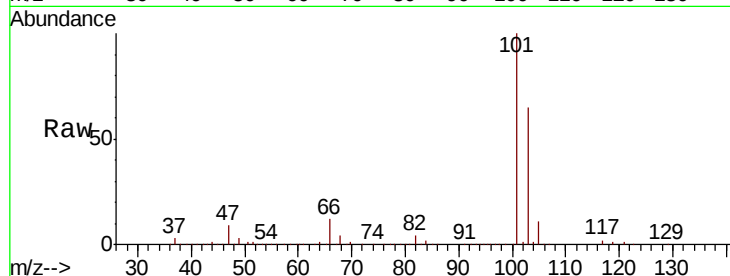
Trichlorofluoromethane
Concen: 57.580 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.01 min
Lab File: VX010709.D
Acq: 08 Jul 2019 20:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 101 Resp: 184241
Ion Ratio Lower Upper
101 100
103 65.1 52.3 78.5

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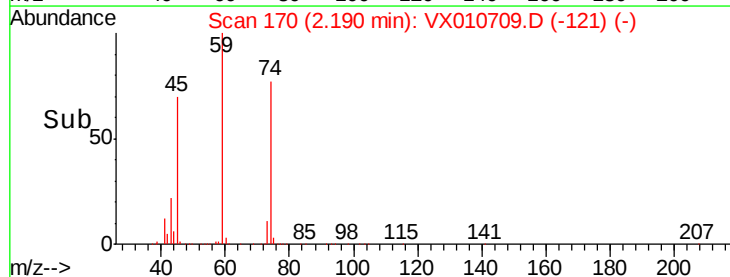
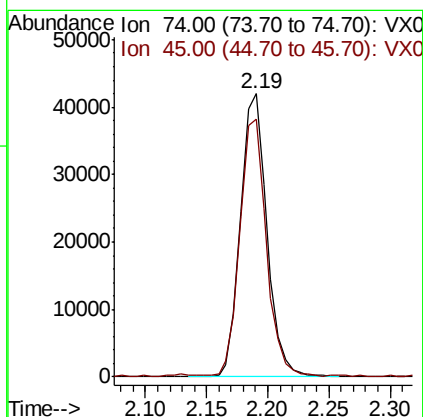
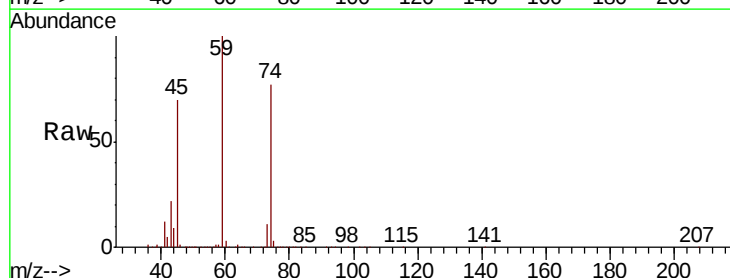
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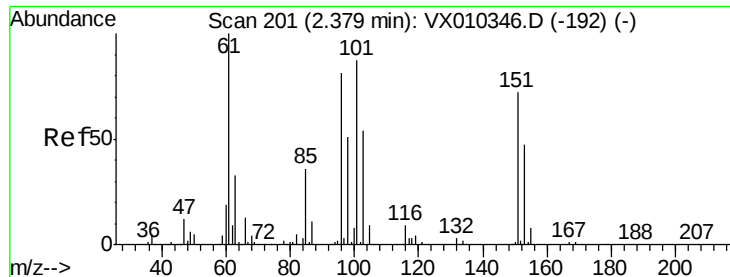


#8

Diethyl Ether
Concen: 54.472 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX010709.D
Acq: 08 Jul 2019 20:29

Tgt Ion: 74 Resp: 62505
Ion Ratio Lower Upper
74 100
45 90.9 44.8 134.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.167 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX010709.D

Acq: 08 Jul 2019 20:29

Instrument :

MSVOA_X

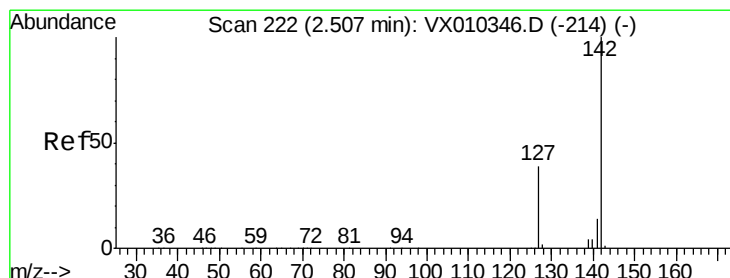
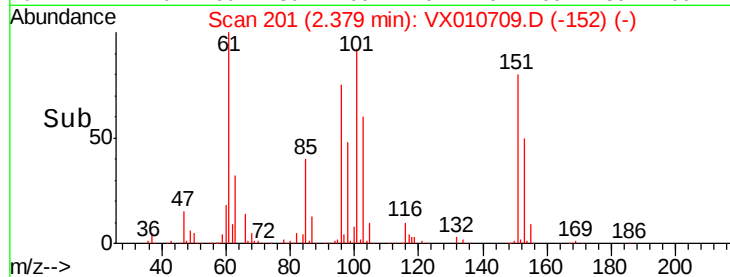
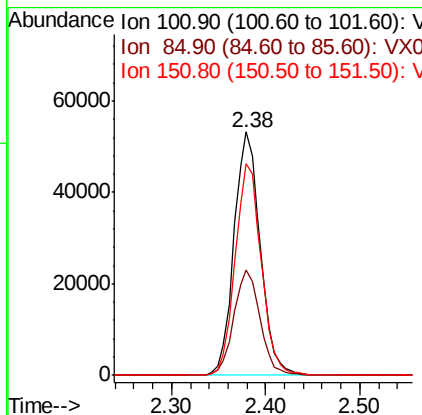
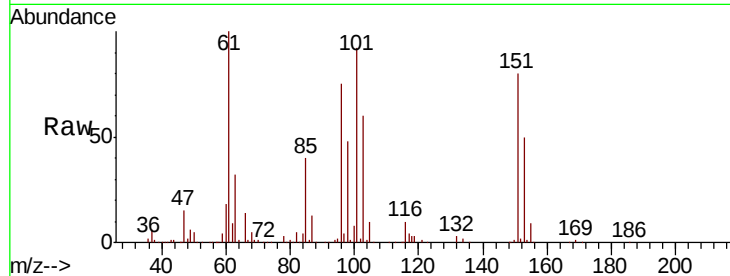
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	101	Resp:	103094
Ion Ratio	Lower	Upper	
101	100		
85	43.5	33.7	50.5
151	86.6	70.1	105.1

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#10

Methyl Iodide

Concen: 50.974 ug/l

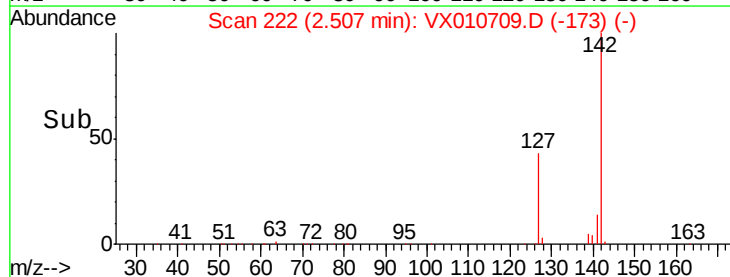
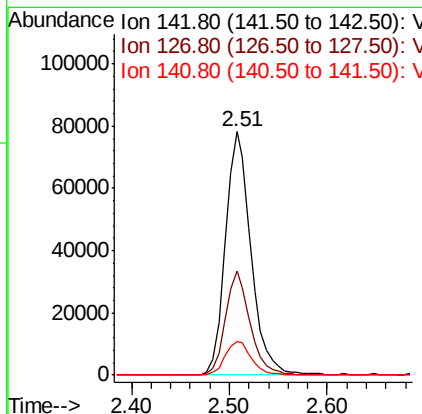
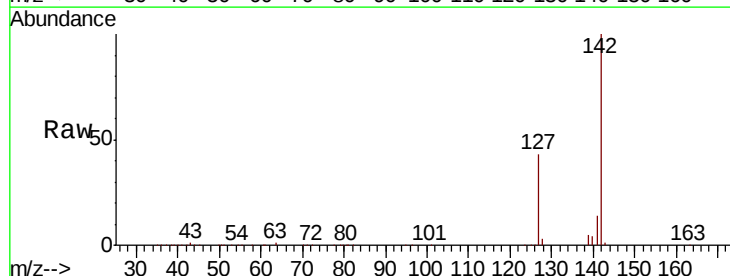
RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX010709.D

Acq: 08 Jul 2019 20:29

Tgt Ion:	142	Resp:	141062
Ion Ratio	Lower	Upper	
142	100		
127	41.0	31.1	46.7
141	14.5	11.2	16.8





#11

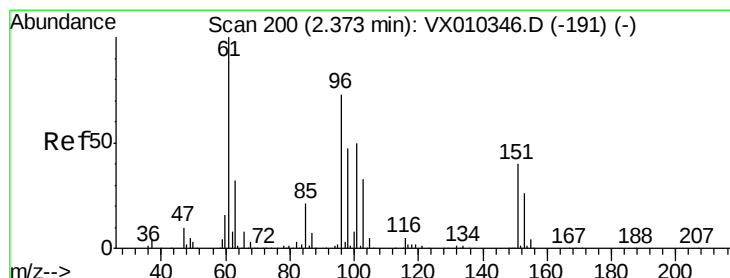
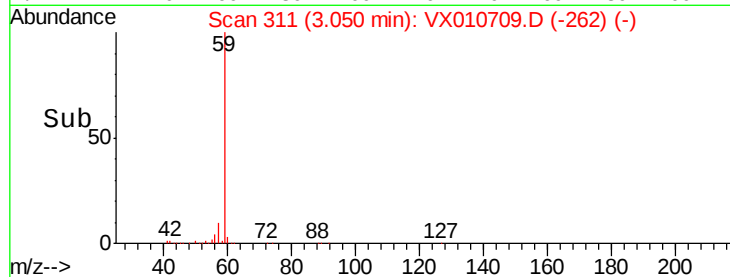
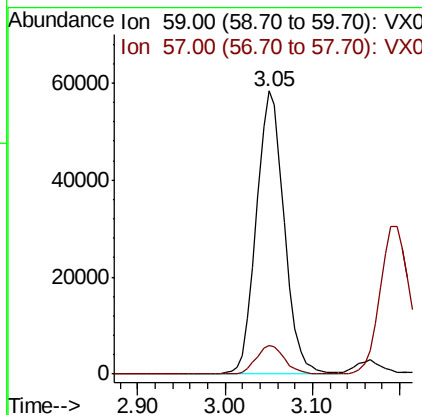
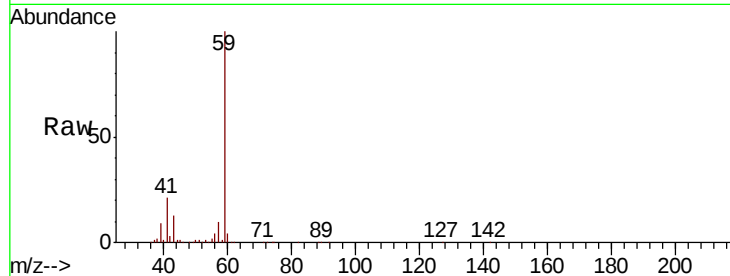
Tert butyl alcohol
Concen: 231.913 ug/l
RT: 3.05 min Scan# 311
Delta R.T. 0.00 min
Lab File: VX010709.D
Acq: 08 Jul 2019 20:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
59	100		
57	10.4	7.7	11.5

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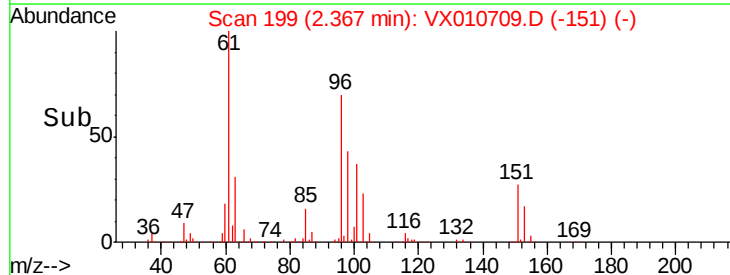
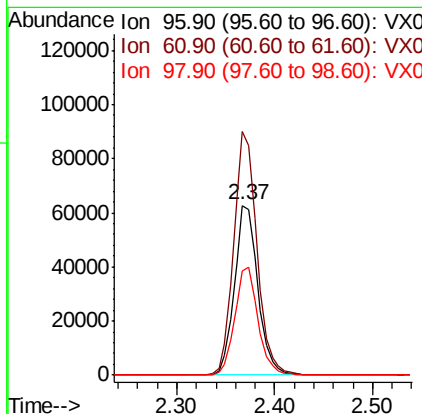
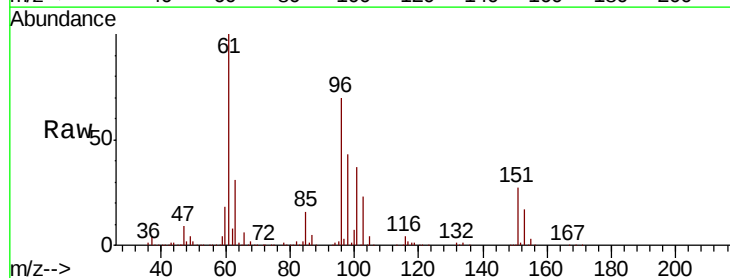
MMDadoda
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#12

1,1-Dichloroethene
Concen: 52.575 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.01 min
Lab File: VX010709.D
Acq: 08 Jul 2019 20:29

Tgt Ion	Ratio	Lower	Upper
96	100		
61	143.6	109.2	163.8
98	61.6	51.1	76.7





#13

Acrolein

Concen: 216.694 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010709.D

Acq: 08 Jul 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 80282

Ion Ratio Lower Upper

56 100

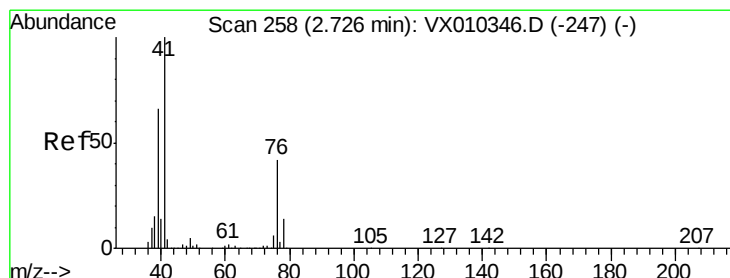
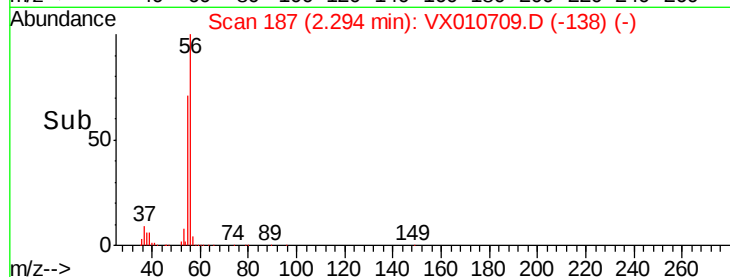
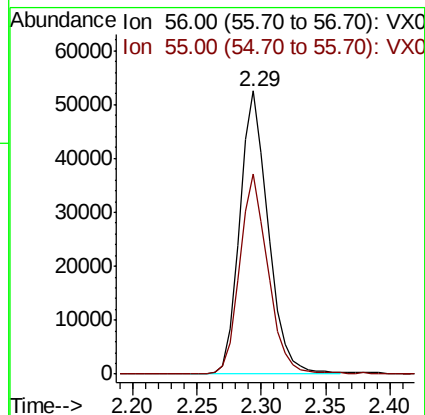
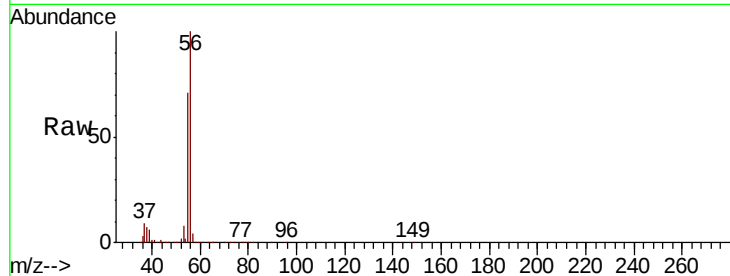
55 70.1 56.9 85.3

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#14

Allyl chloride

Concen: 54.602 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX010709.D

Acq: 08 Jul 2019 20:29

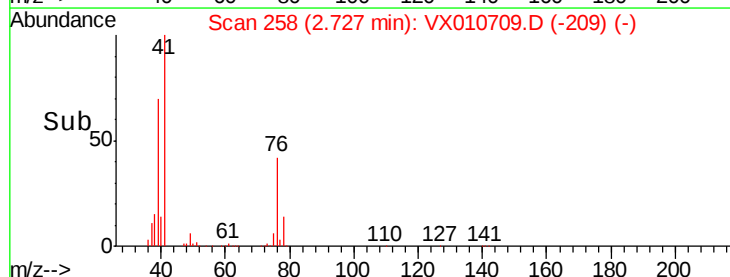
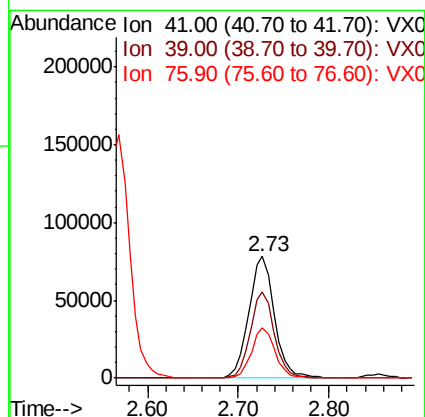
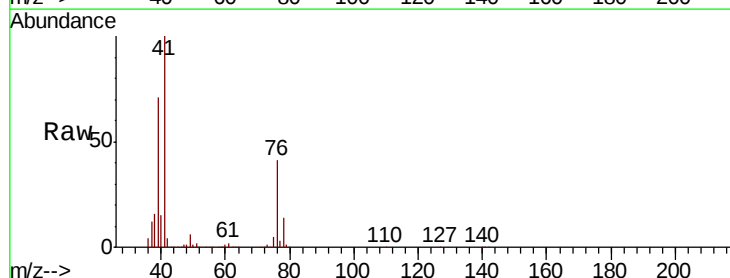
Tgt Ion: 41 Resp: 152955

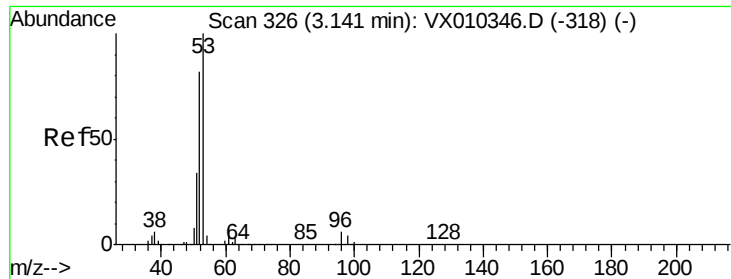
Ion Ratio Lower Upper

41 100

39 66.5 50.3 75.5

76 37.9 31.3 46.9





#15

Acrylonitrile

Concen: 267.841 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX010709.D

Acq: 08 Jul 2019 20:29

Instrument :

MSVOA_X

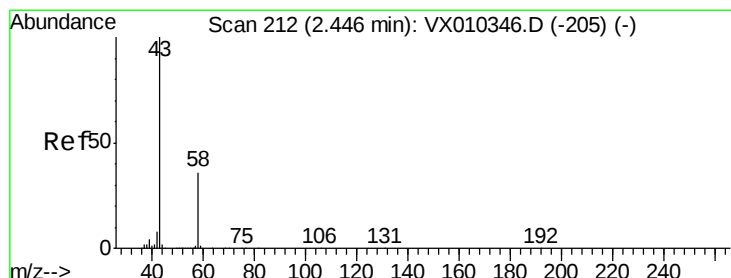
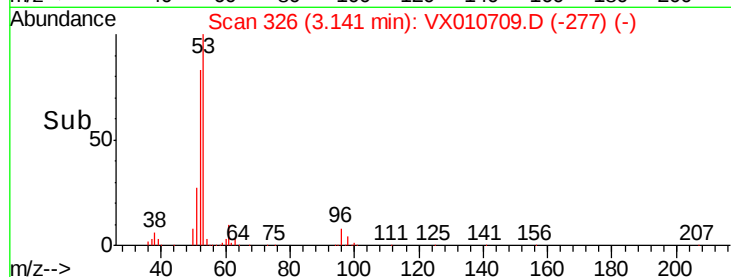
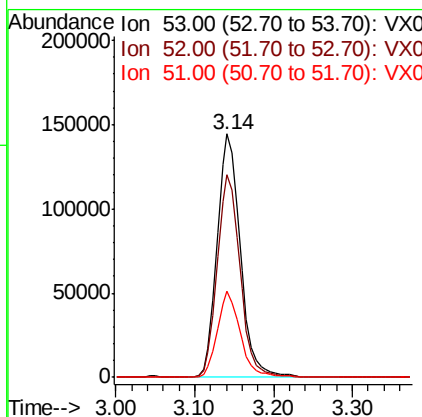
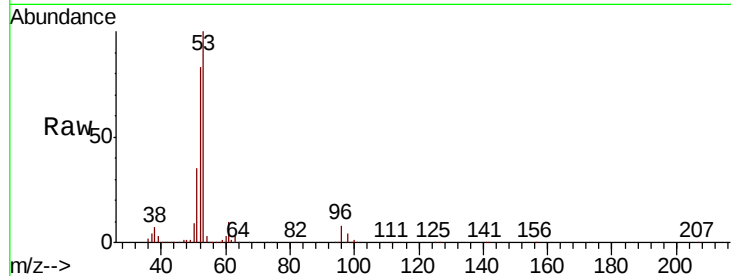
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	53	Resp:	296162
Ion	Ratio	Lower	Upper
53	100		
52	82.2	65.5	98.3
51	34.9	28.2	42.4

Manual Integrations
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#16

Acetone

Concen: 223.561 ug/l

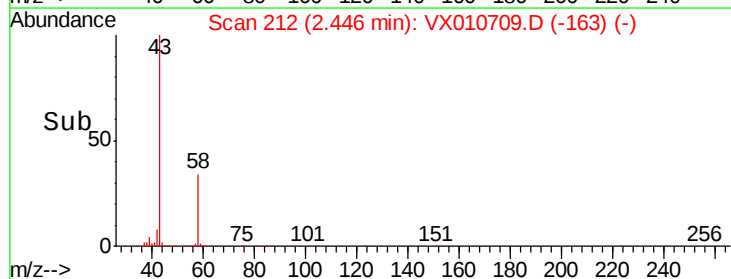
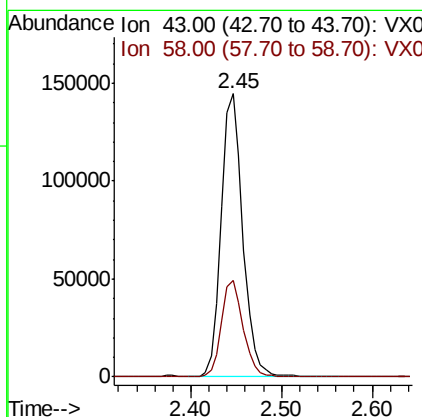
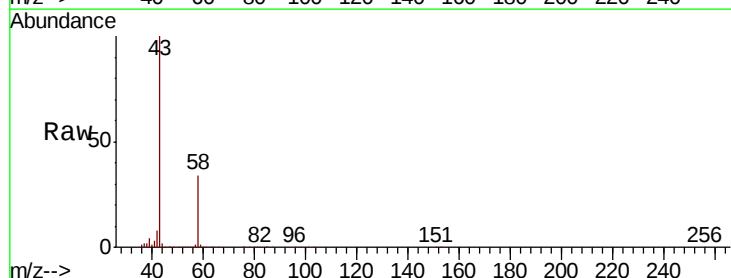
RT: 2.45 min Scan# 212

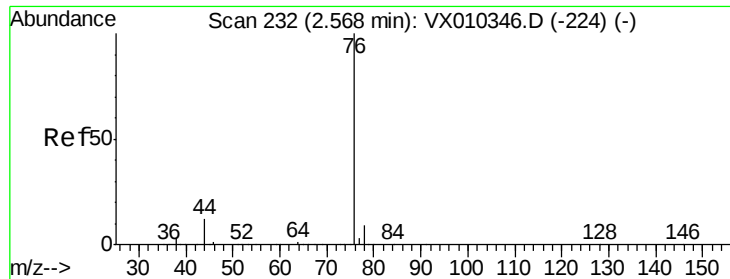
Delta R.T. 0.00 min

Lab File: VX010709.D

Acq: 08 Jul 2019 20:29

Tgt Ion:	43	Resp:	239135
Ion	Ratio	Lower	Upper
43	100		
58	34.0	28.9	43.3





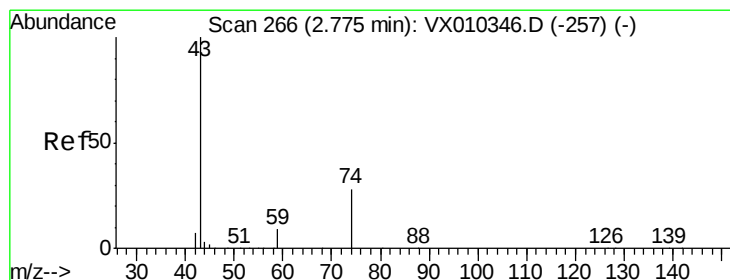
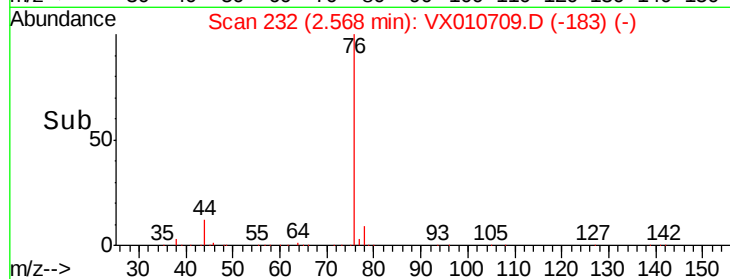
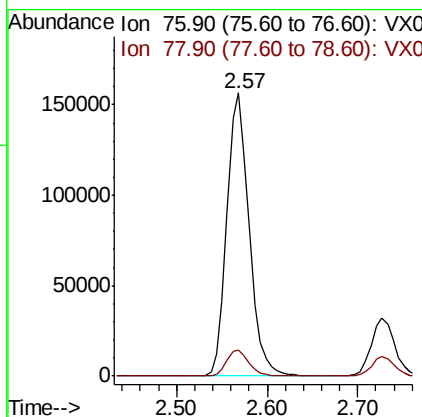
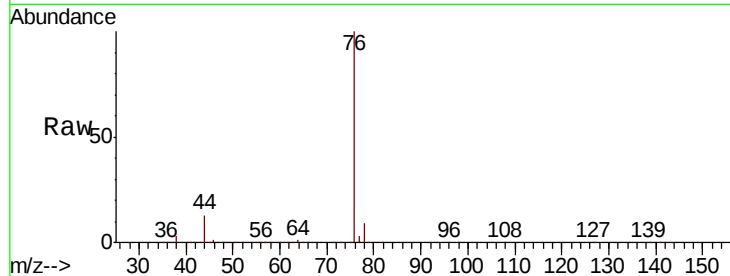
#17
Carbon Disulfide
Concen: 50.543 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX010709.D
Acq: 08 Jul 2019 20:29

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.3	10.9

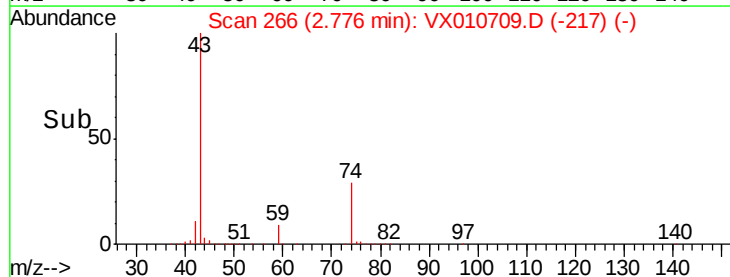
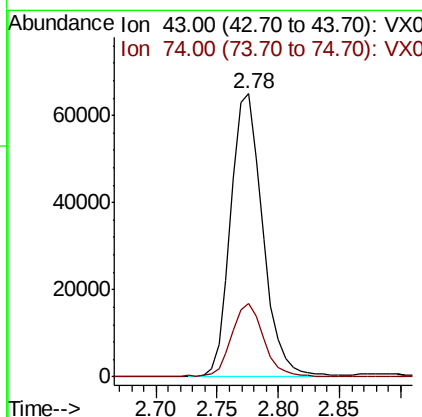
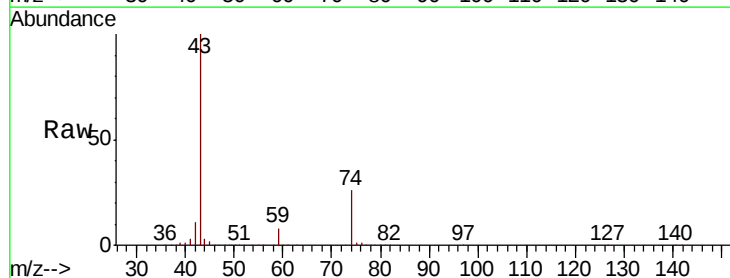
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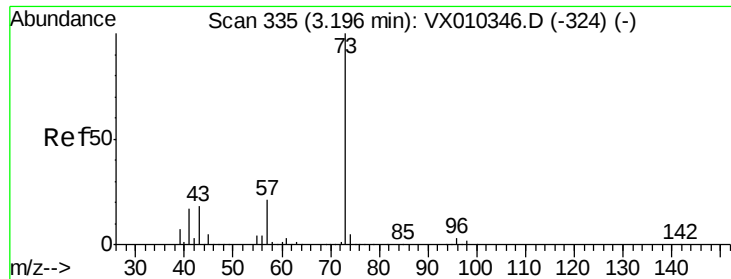
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#18
Methyl Acetate
Concen: 55.001 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX010709.D
Acq: 08 Jul 2019 20:29

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.4	21.3	31.9





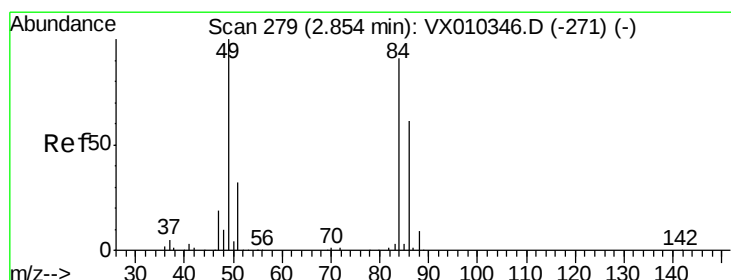
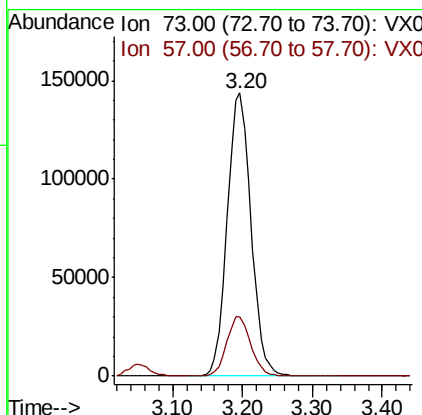
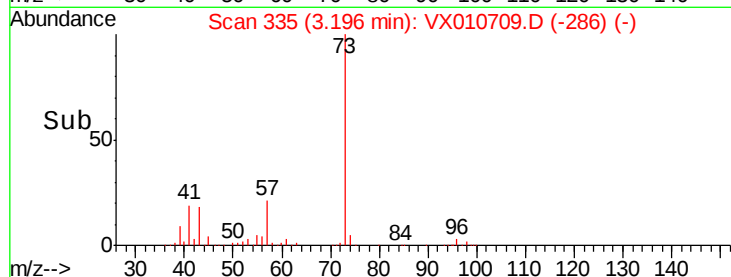
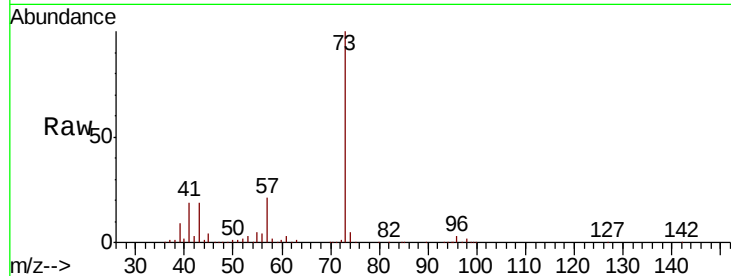
#19
Methyl tert-butyl Ether
Concen: 54.638 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX010709.D
Acq: 08 Jul 2019 20:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 339152
Ion Ratio Lower Upper
73 100
57 21.1 16.4 24.6

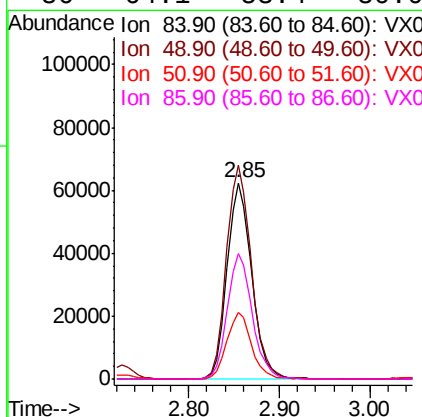
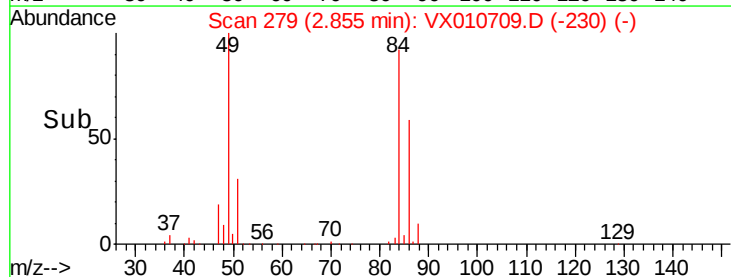
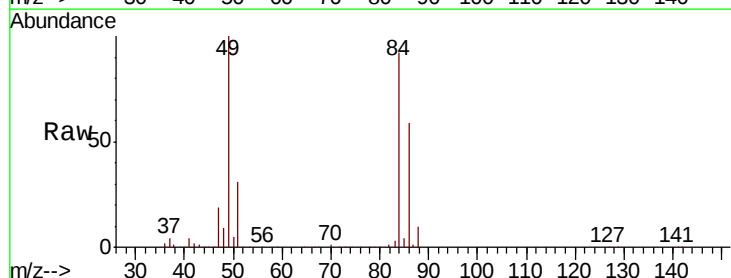
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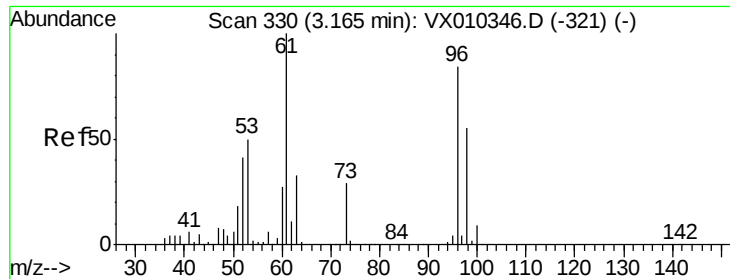
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#20
Methylene Chloride
Concen: 53.452 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX010709.D
Acq: 08 Jul 2019 20:29

Tgt Ion: 84 Resp: 117665
Ion Ratio Lower Upper
84 100
49 108.9 87.5 131.3
51 34.1 27.7 41.5
86 64.1 53.4 80.0





#21

trans-1,2-Dichloroethene

Concen: 52.893 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX010709.D

Acq: 08 Jul 2019 20:29

Instrument :

MSVOA_X

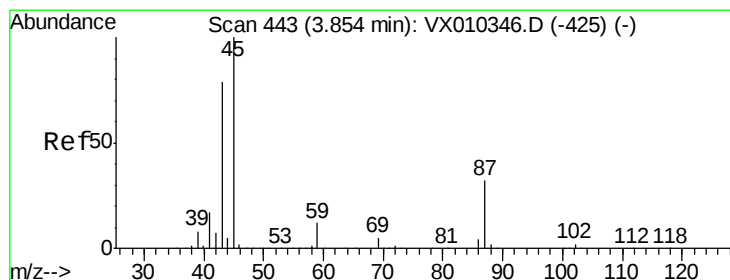
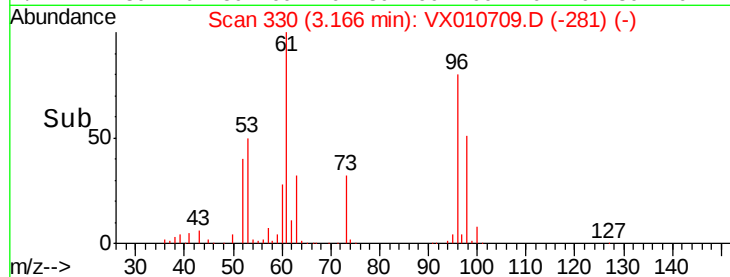
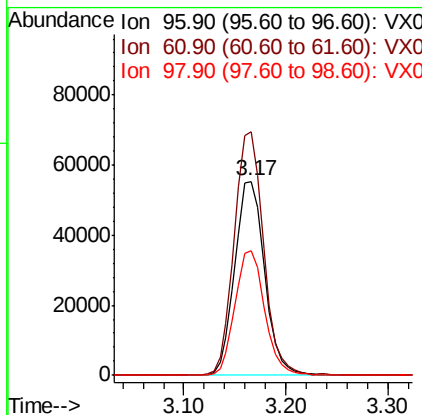
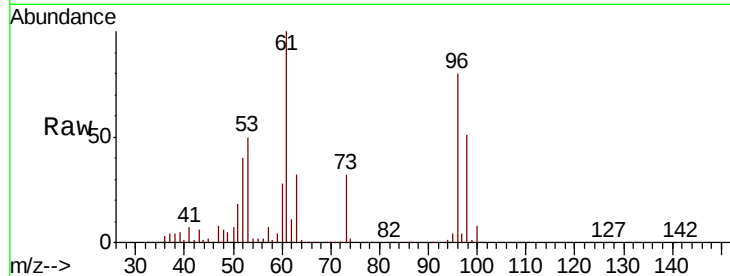
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	96	Resp:	112245
Ion	Ratio	Lower	Upper
96	100		
61	125.7	95.6	143.4
98	64.5	52.5	78.7

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#22

Diisopropyl ether

Concen: 54.579 ug/l

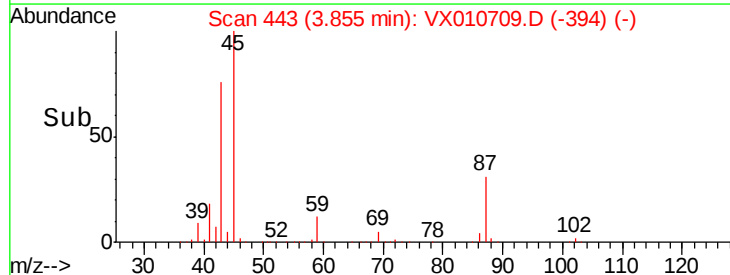
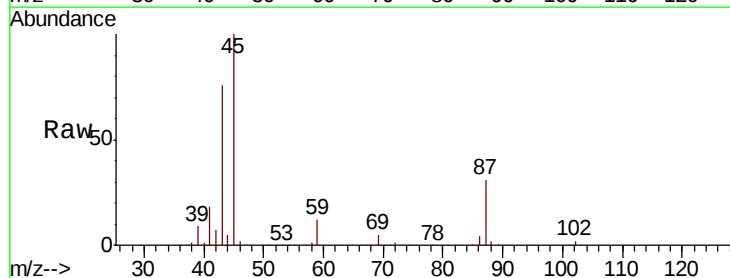
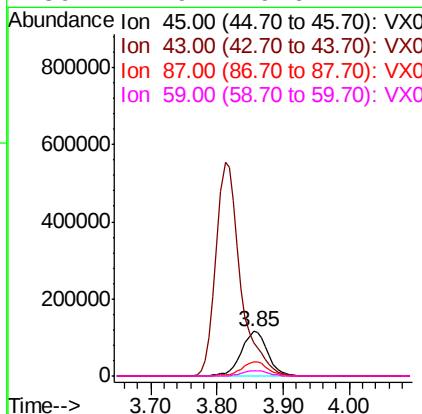
RT: 3.85 min Scan# 443

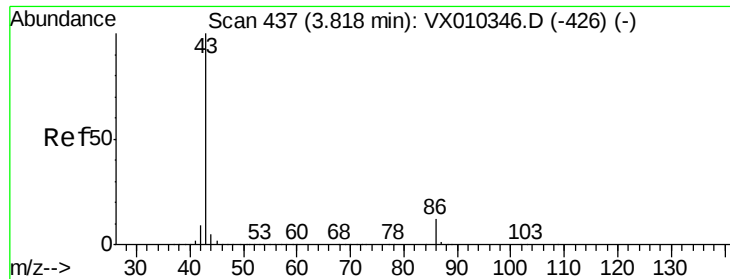
Delta R.T. 0.00 min

Lab File: VX010709.D

Acq: 08 Jul 2019 20:29

Tgt Ion:	45	Resp:	319660
Ion	Ratio	Lower	Upper
45	100		
43	75.7	63.3	94.9
87	31.3	25.8	38.8
59	11.9	9.6	14.4





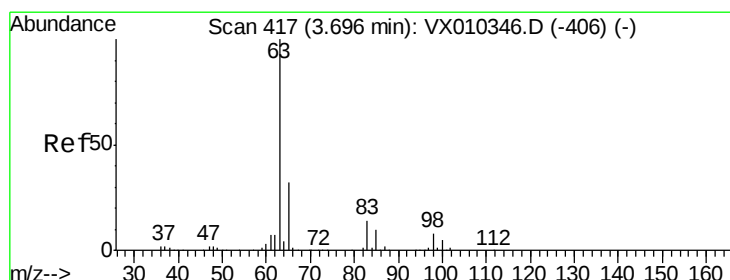
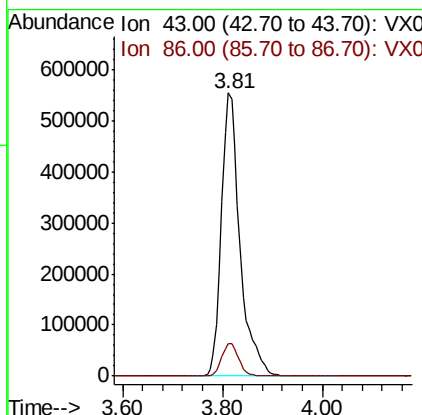
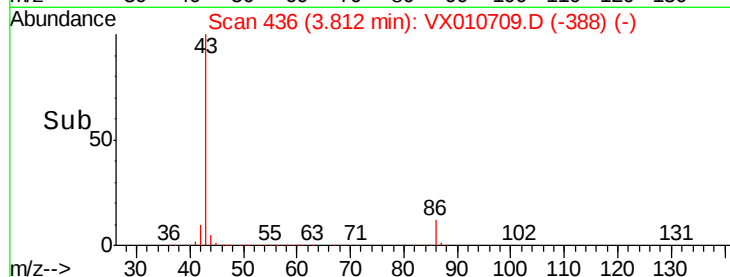
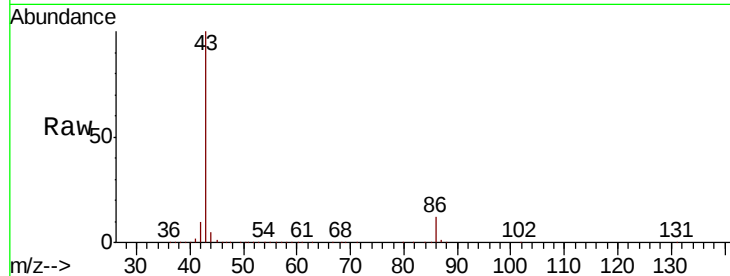
#23
 Vinyl Acetate
 Concen: 282.402 ug/l
 RT: 3.81 min Scan# 436
 Delta R.T. -0.01 min
 Lab File: VX010709.D
 Acq: 08 Jul 2019 20:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 1428851
 Ion Ratio Lower Upper
 43 100
 86 11.6 9.9 14.9

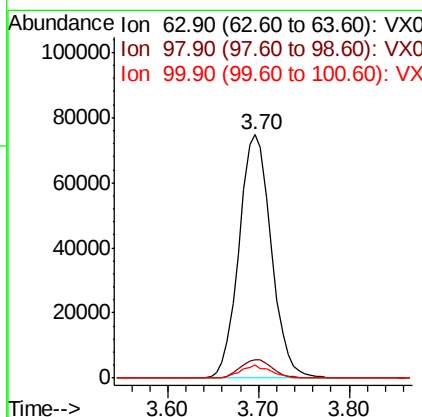
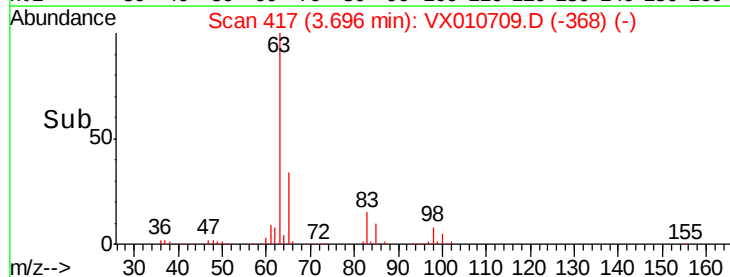
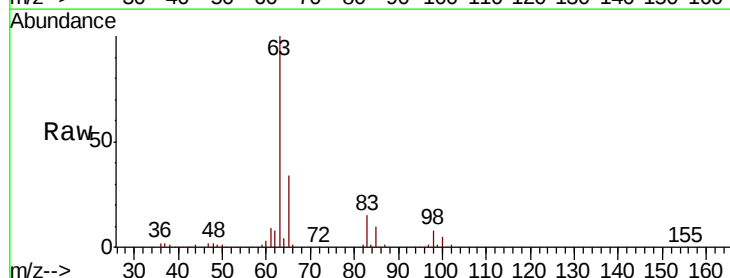
Manual Integrations
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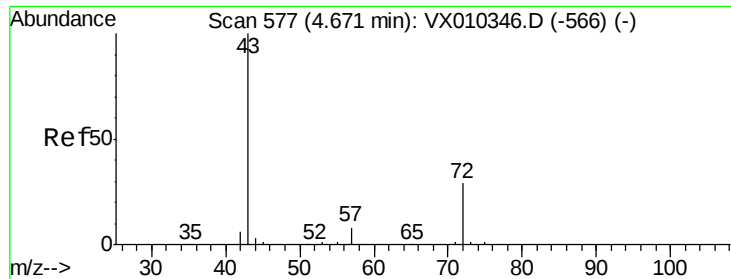
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#24
 1,1-Dichloroethane
 Concen: 54.325 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. 0.00 min
 Lab File: VX010709.D
 Acq: 08 Jul 2019 20:29

Tgt Ion: 63 Resp: 183913
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.9 11.7
 100 5.3 2.4 7.1





#25

2-Butanone

Concen: 256.826 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX010709.D

Acq: 08 Jul 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 402975

Ion Ratio Lower Upper

43 100

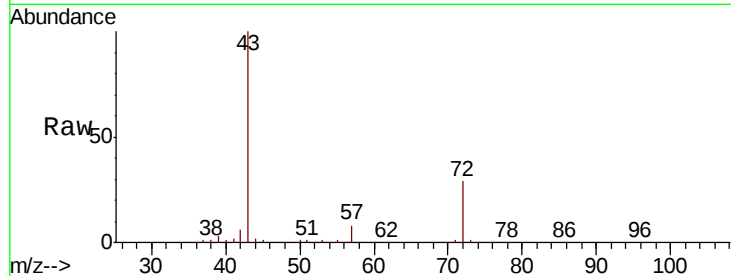
72 28.6 23.3 34.9

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

150000

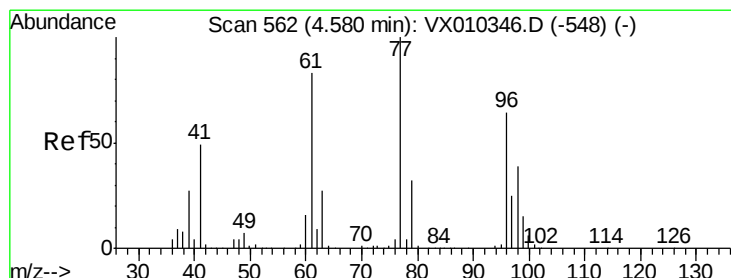
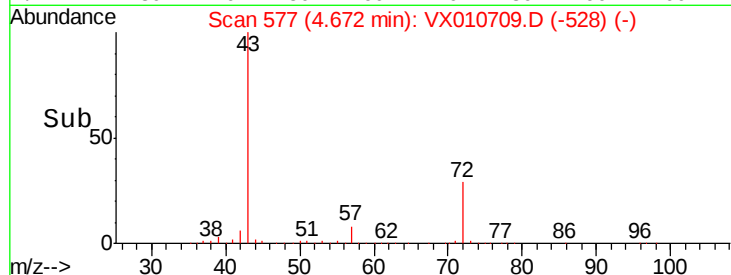
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 47.312 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX010709.D

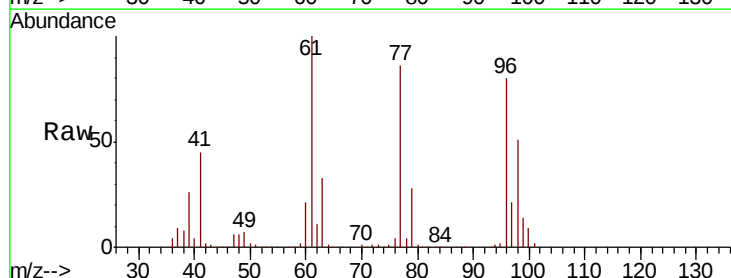
Acq: 08 Jul 2019 20:29

Tgt Ion: 77 Resp: 139141

Ion Ratio Lower Upper

77 100

97 25.2 13.1 39.3



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

50000

40000

30000

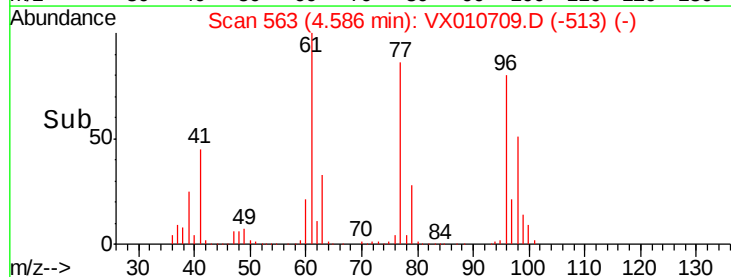
20000

10000

0

4.40 4.50 4.60 4.70 4.80

Time-->





#27

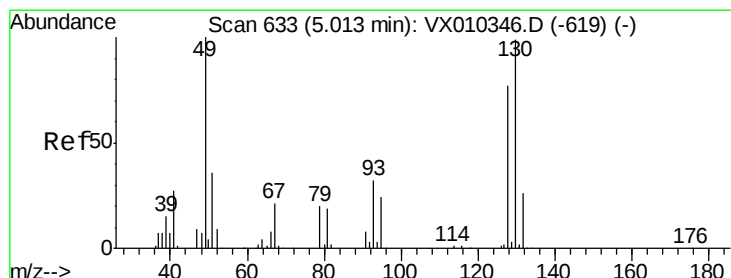
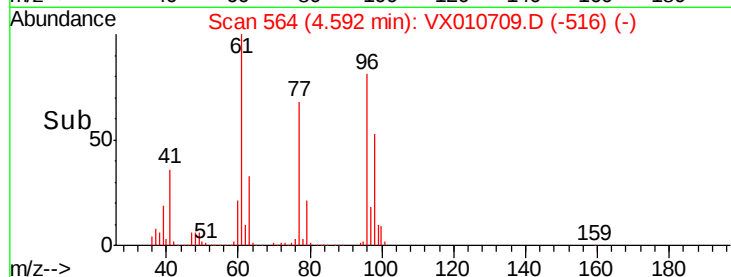
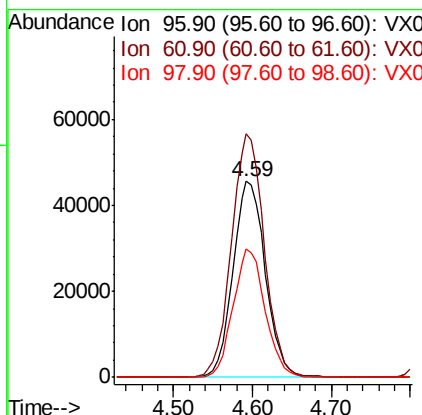
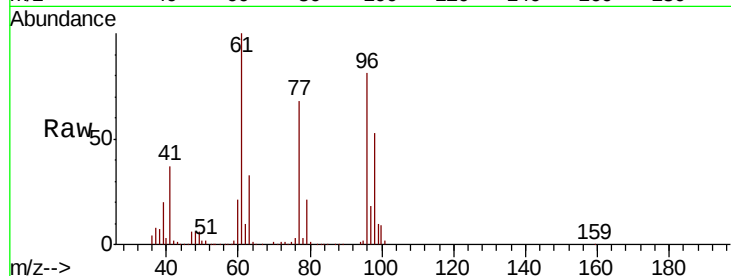
cis-1,2-Dichloroethene
 Concen: 53.037 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX010709.D
 Acq: 08 Jul 2019 20:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	130061		
61	126.5	0.0	251.8	
98	64.7	0.0	129.4	

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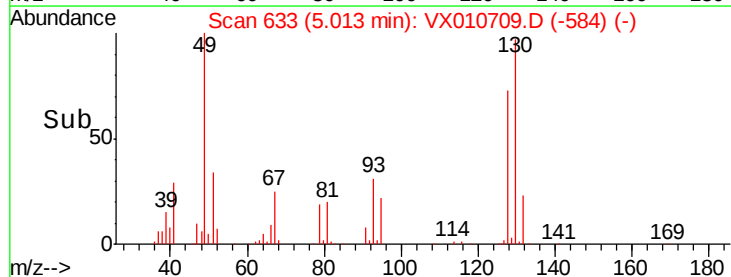
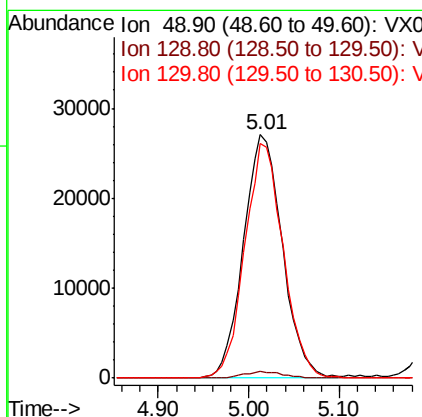
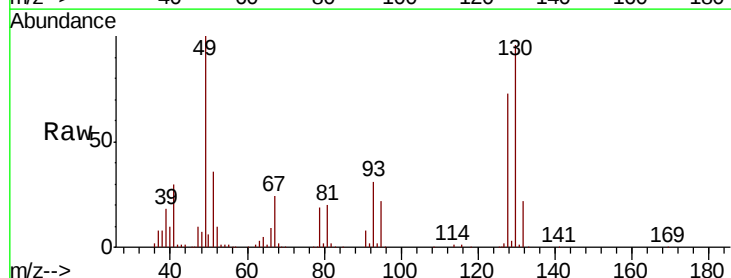
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 7/9/2019 11:12:42 AM

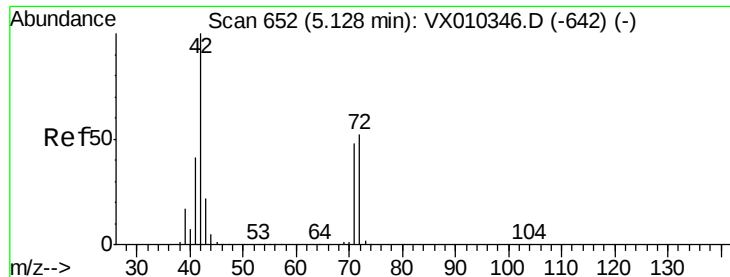


#28

Bromochloromethane
 Concen: 49.797 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: VX010709.D
 Acq: 08 Jul 2019 20:29

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	80603		
129	2.8	0.0	5.6	
130	94.7	81.4	122.0	





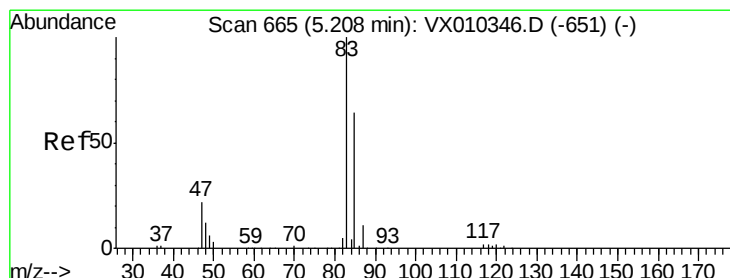
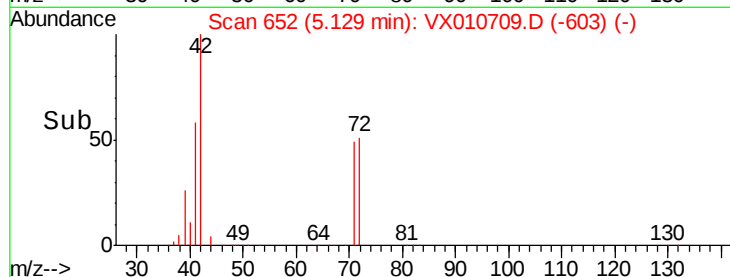
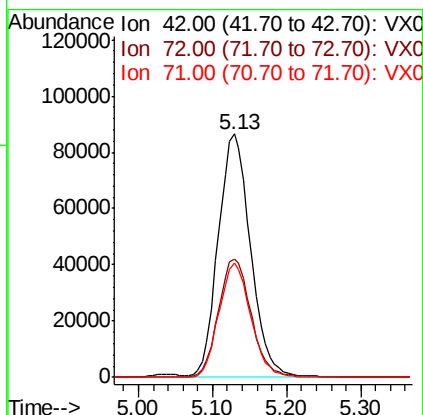
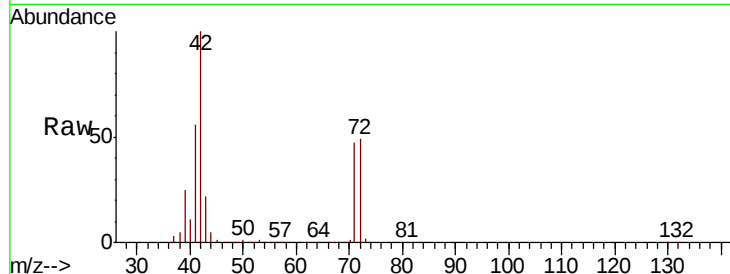
#29
Tetrahydrofuran
Concen: 267.902 ug/l
RT: 5.13 min Scan# 652
Delta R.T. 0.00 min
Lab File: VX010709.D
Acq: 08 Jul 2019 20:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
42	100		
72	49.8	40.6	60.8
71	46.5	37.8	56.8

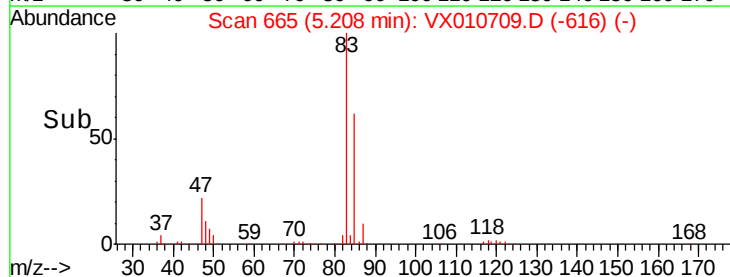
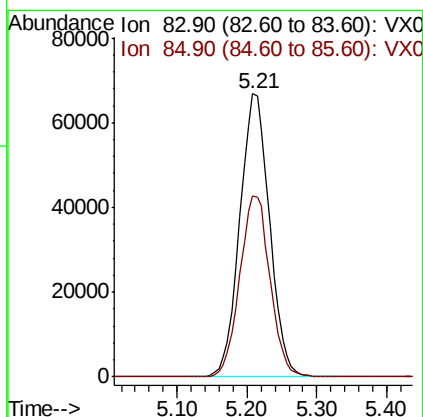
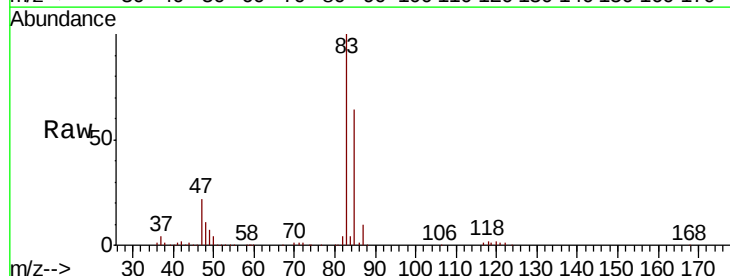
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#30
Chloroform
Concen: 54.282 ug/l
RT: 5.21 min Scan# 665
Delta R.T. 0.00 min
Lab File: VX010709.D
Acq: 08 Jul 2019 20:29

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.1	50.9	76.3





#31

Cyclohexane

Concen: 53.866 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX010709.D

Acq: 08 Jul 2019 20:29

Instrument :

MSVOA_X

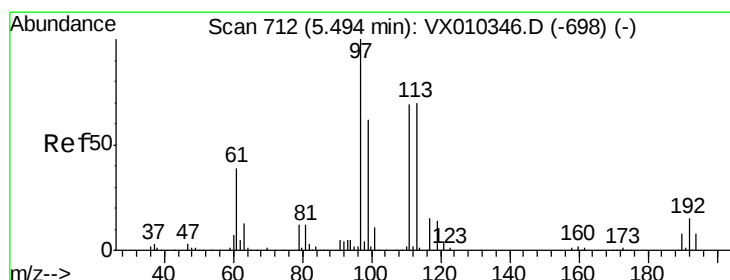
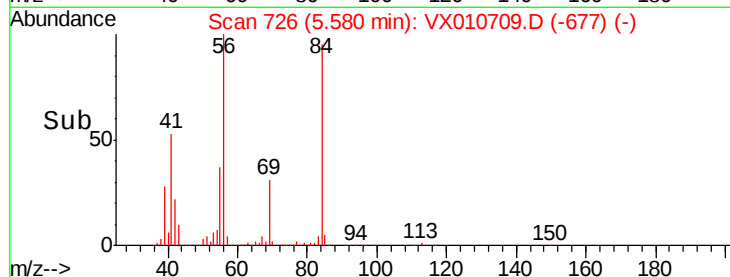
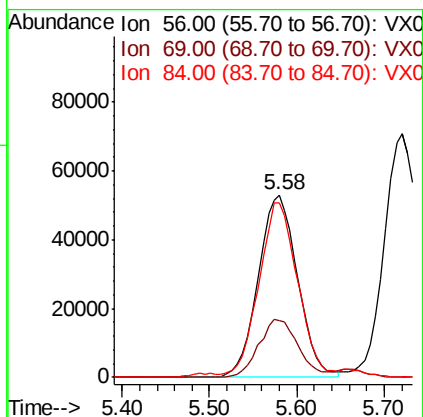
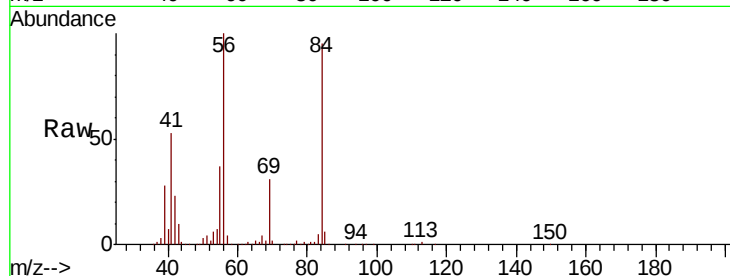
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	56	Resp:	166066
Ion	Ratio	Lower	Upper
56	100		
69	31.3	25.9	38.9
84	94.1	78.0	117.0

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#32

1,1,1-Trichloroethane

Concen: 55.100 ug/l

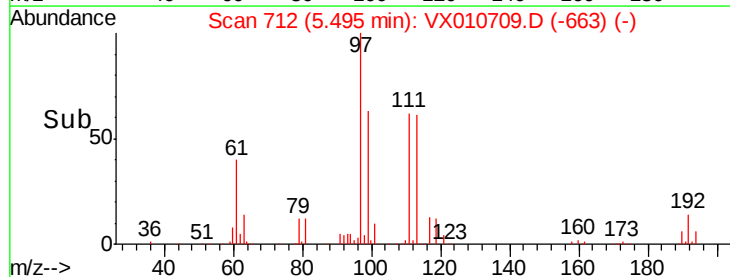
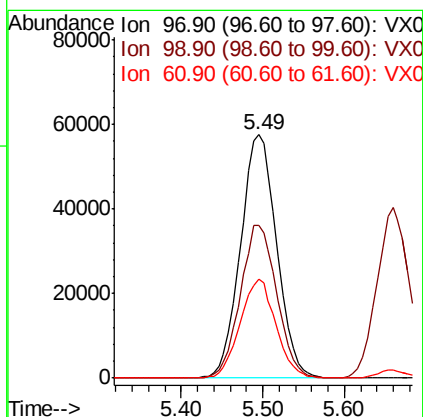
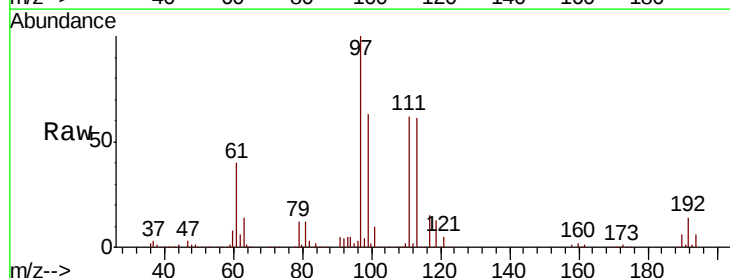
RT: 5.49 min Scan# 712

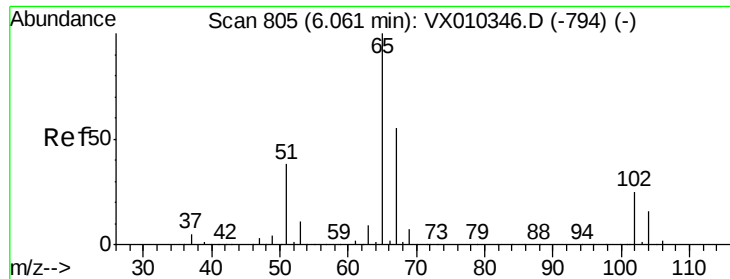
Delta R.T. 0.00 min

Lab File: VX010709.D

Acq: 08 Jul 2019 20:29

Tgt Ion:	97	Resp:	177221
Ion	Ratio	Lower	Upper
97	100		
99	63.5	51.8	77.8
61	40.2	32.1	48.1





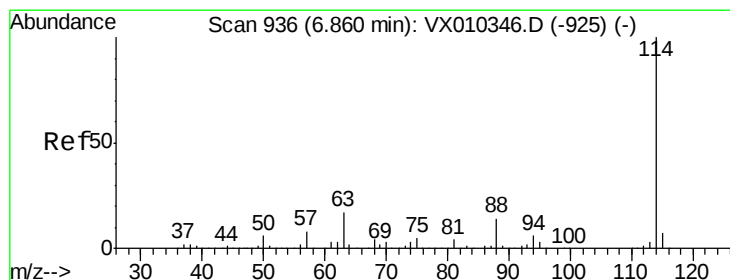
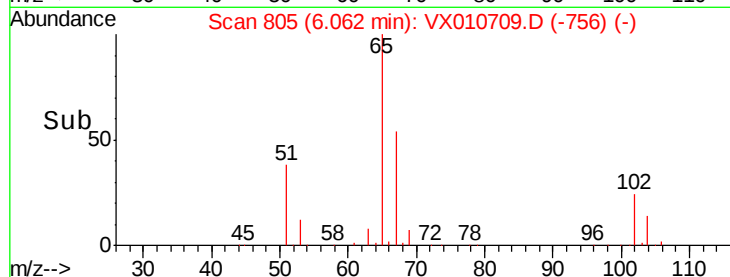
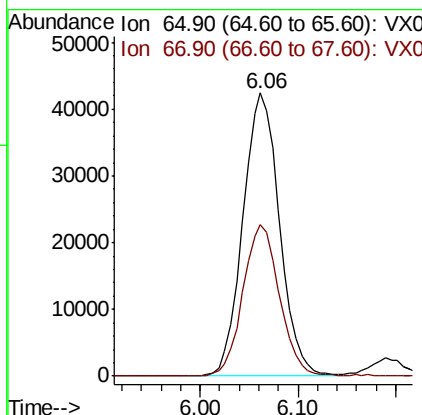
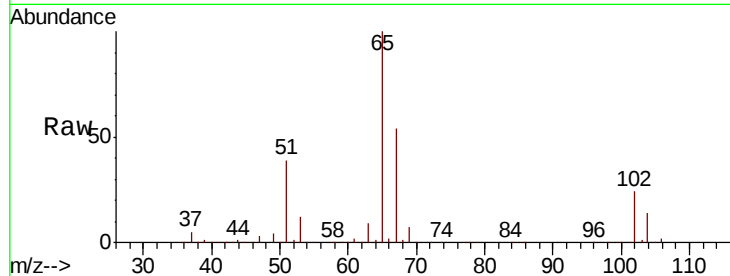
#33
 1,2-Dichloroethane-d4
 Concen: 51.731 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010709.D
 Acq: 08 Jul 2019 20:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 65 Resp: 110412
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 110.2

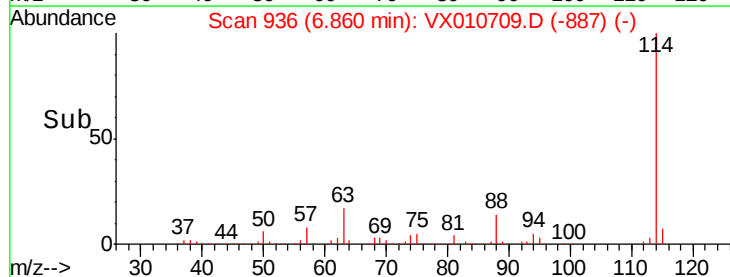
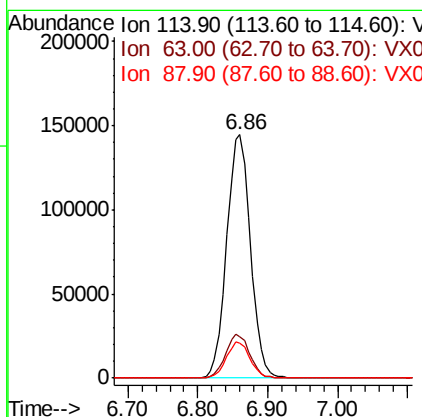
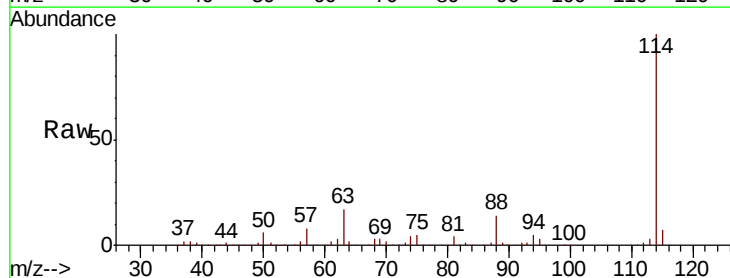
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010709.D
 Acq: 08 Jul 2019 20:29

Tgt Ion: 114 Resp: 342054
 Ion Ratio Lower Upper
 114 100
 63 17.1 0.0 33.8
 88 14.4 0.0 27.6





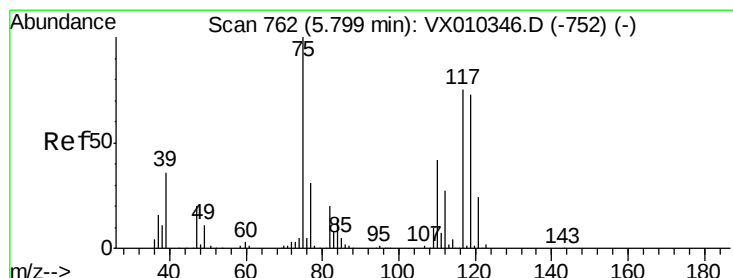
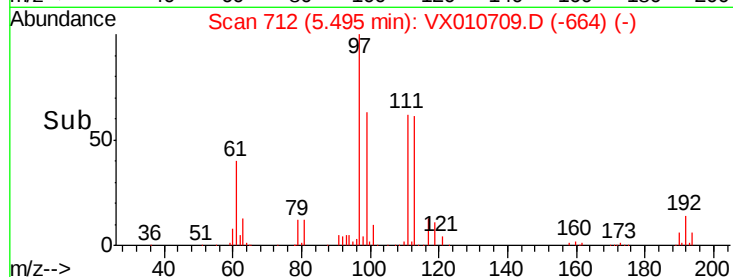
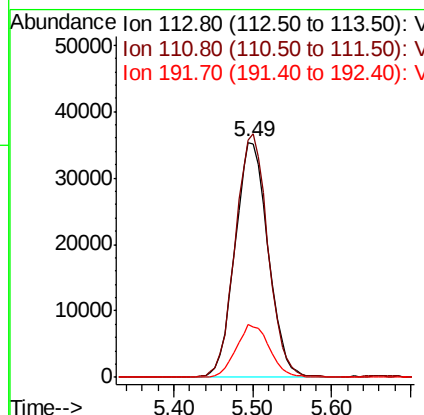
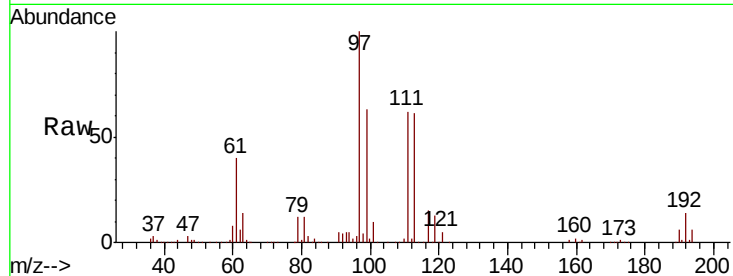
#35
Dibromofluoromethane
Concen: 49.481 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX010709.D
Acq: 08 Jul 2019 20:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	103555		
111	102.1	81.2	121.8	
192	22.3	18.6	27.8	

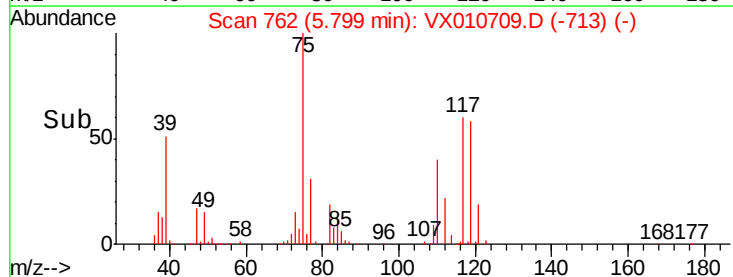
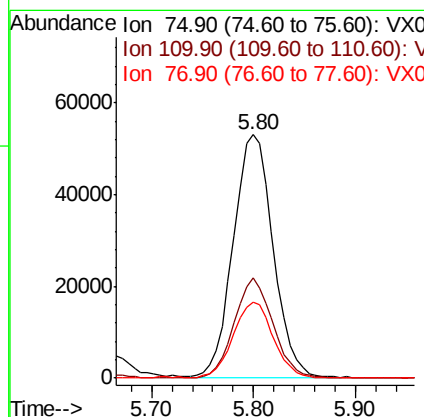
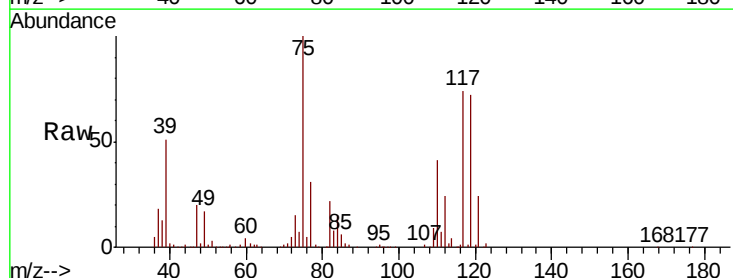
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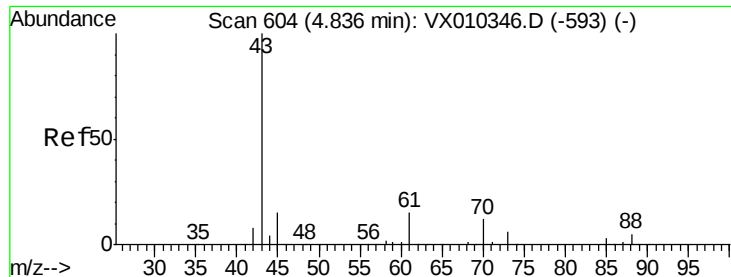
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#36
1,1-Dichloropropene
Concen: 52.520 ug/l
RT: 5.80 min Scan# 762
Delta R.T. 0.00 min
Lab File: VX010709.D
Acq: 08 Jul 2019 20:29

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	142758		
110	40.2	20.8	62.2	
77	31.2	25.4	38.0	





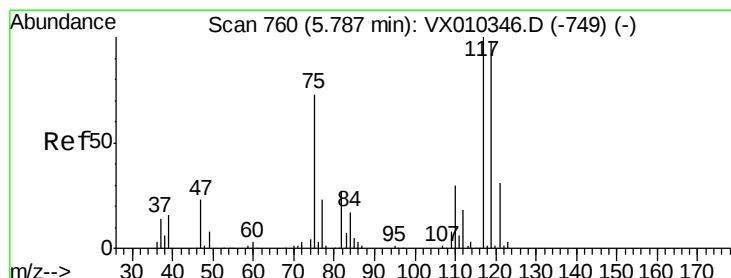
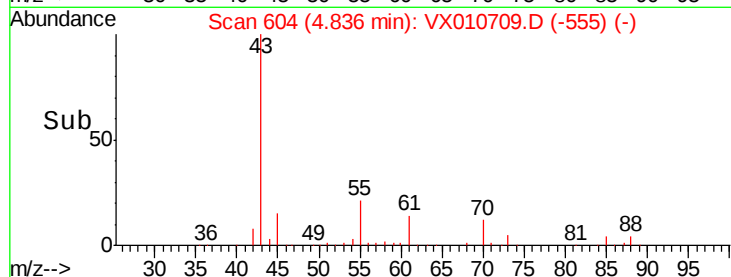
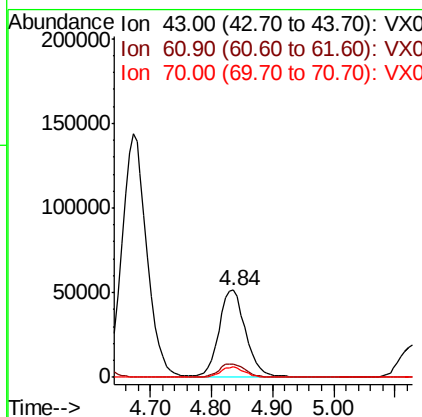
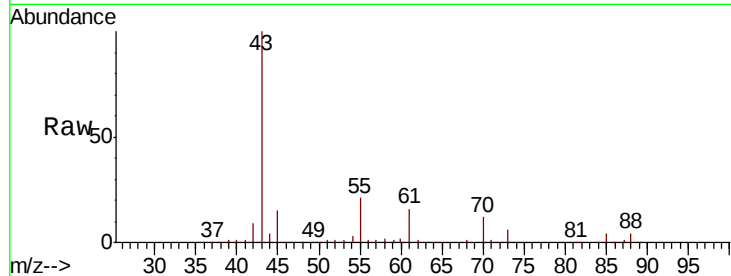
#37
Ethyl Acetate
Concen: 55.398 ug/l
RT: 4.84 min Scan# 604
Delta R.T. 0.00 min
Lab File: VX010709.D
Acq: 08 Jul 2019 20:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.9	12.4	18.6
70	11.2	9.8	14.8

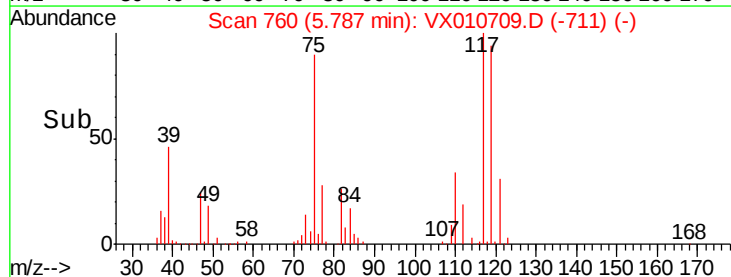
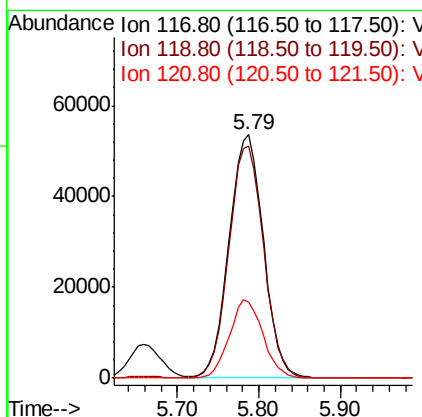
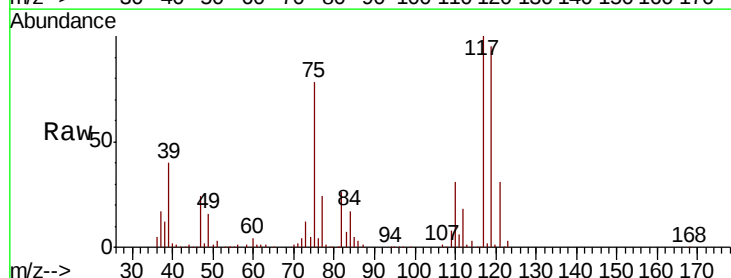
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#38
Carbon Tetrachloride
Concen: 53.174 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX010709.D
Acq: 08 Jul 2019 20:29

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.2	78.2	117.4
121	31.2	24.7	37.1





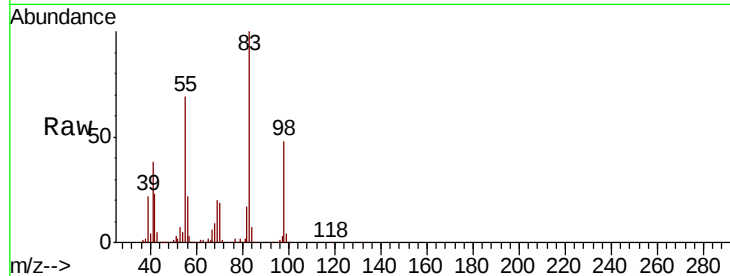
#39
Methylcyclohexane
Concen: 51.400 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010709.D
Acq: 08 Jul 2019 20:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

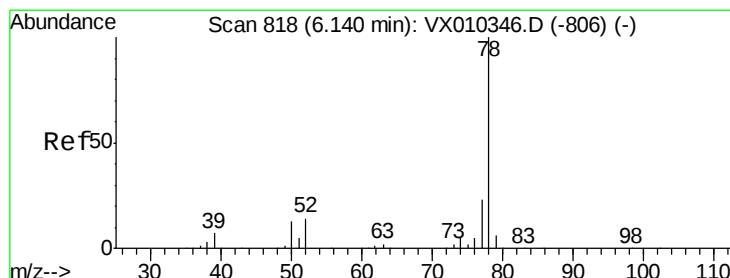
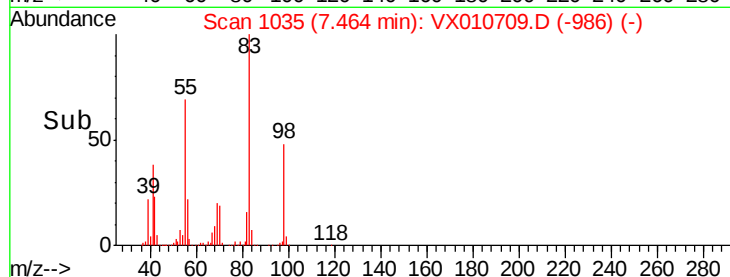
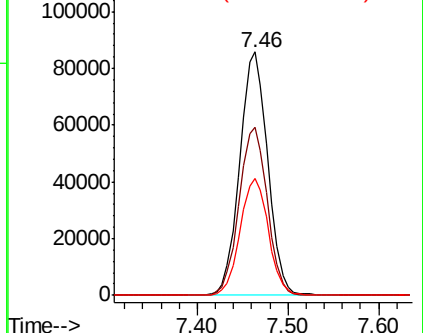
Tgt Ion	Ratio	Lower	Upper
83	100		
55	69.0	53.0	79.6
98	48.0	37.8	56.8

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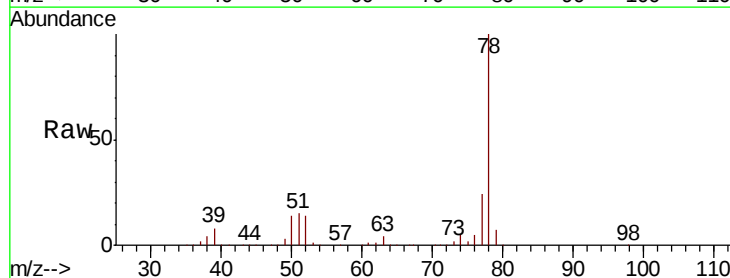


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

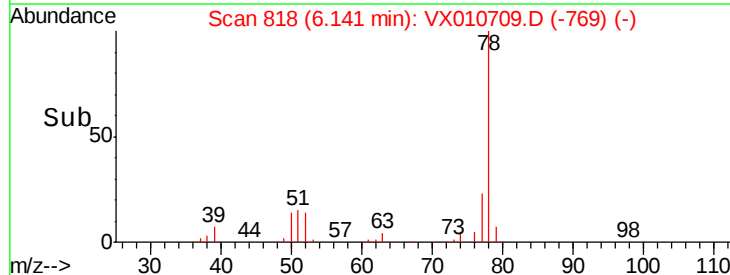
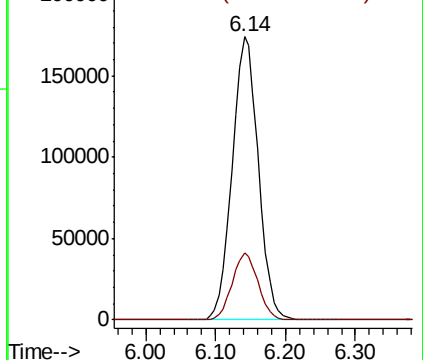


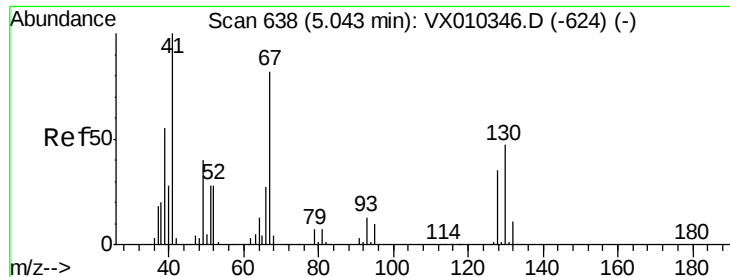
#40
Benzene
Concen: 52.944 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX010709.D
Acq: 08 Jul 2019 20:29

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.6	28.0



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 53.840 ug/l

RT: 5.04 min Scan# 638

Delta R.T. 0.00 min

Lab File: VX010709.D

Acq: 08 Jul 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 41 Resp: 82606

Ion Ratio Lower Upper

41 100

39 56.7 43.8 65.8

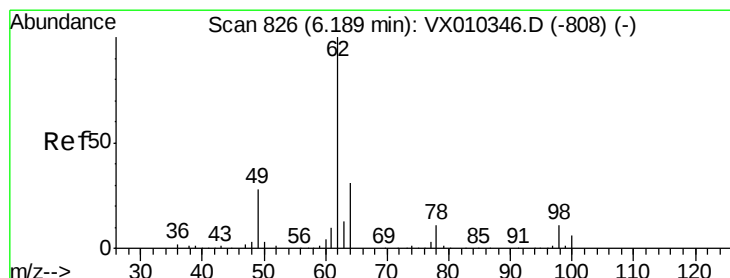
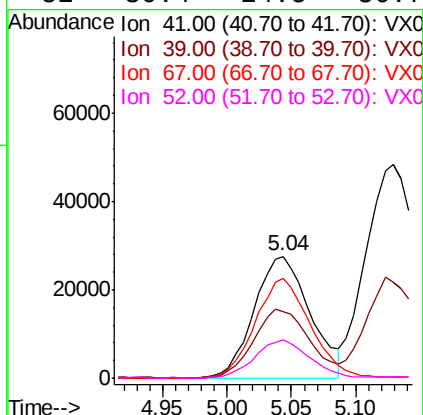
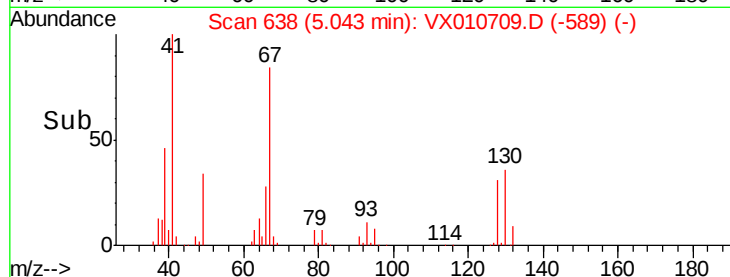
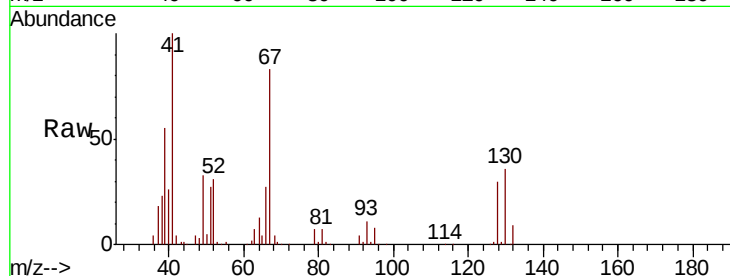
67 82.0 66.6 100.0

52 30.4 24.5 36.7

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#42

1,2-Dichloroethane

Concen: 57.492 ug/l

RT: 6.19 min Scan# 826

Delta R.T. 0.00 min

Lab File: VX010709.D

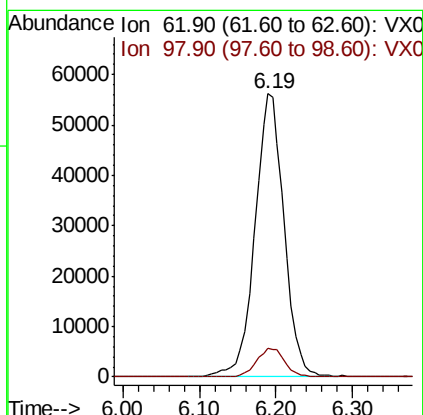
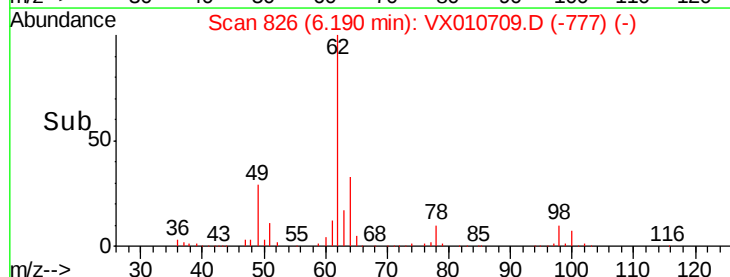
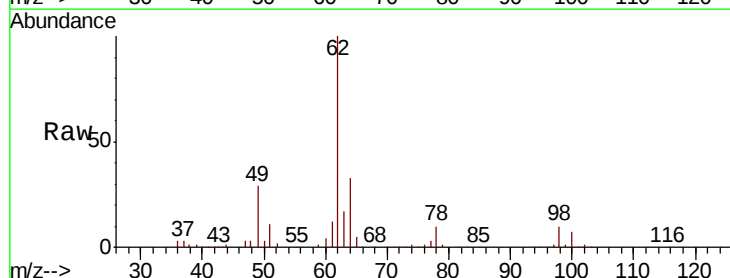
Acq: 08 Jul 2019 20:29

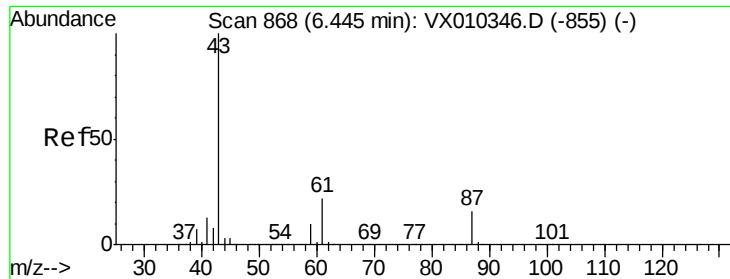
Tgt Ion: 62 Resp: 148202

Ion Ratio Lower Upper

62 100

98 9.8 0.0 22.2





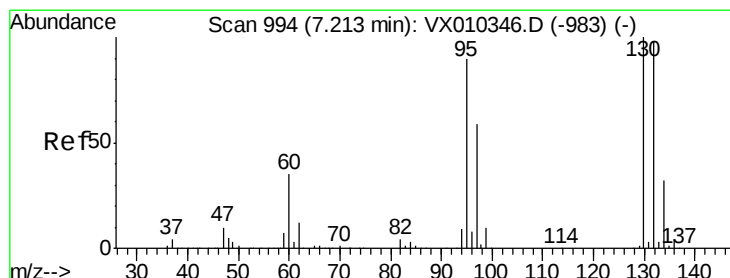
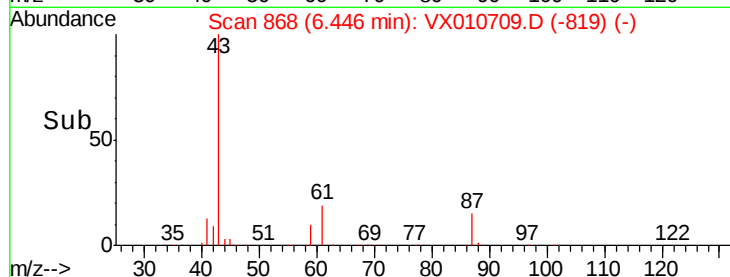
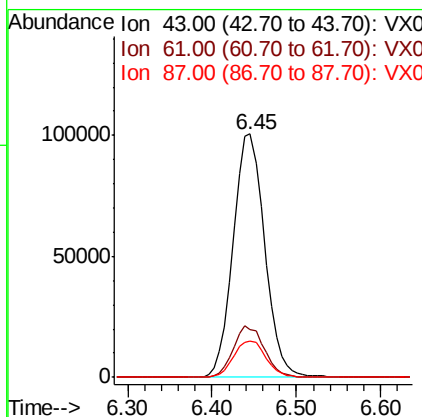
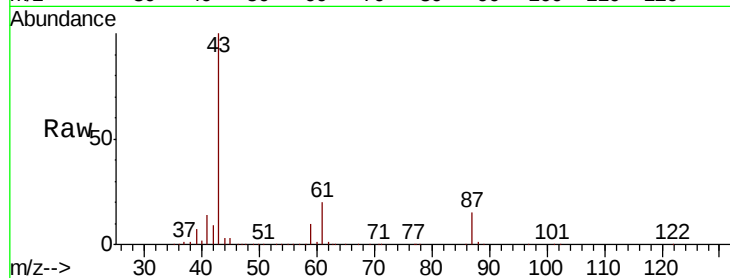
#43
Isopropyl Acetate
Concen: 54.856 ug/l
RT: 6.45 min Scan# 868
Delta R.T. 0.00 min
Lab File: VX010709.D
Acq: 08 Jul 2019 20:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
43	100		
61	20.8	17.8	26.6
87	15.5	13.0	19.4

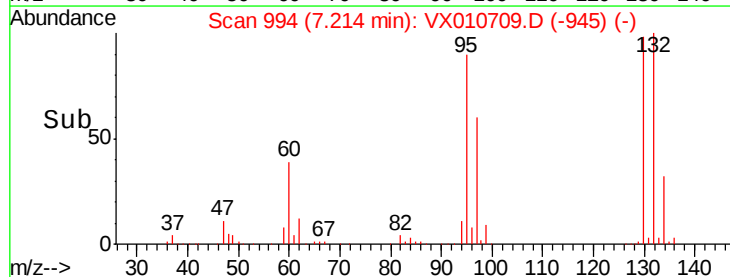
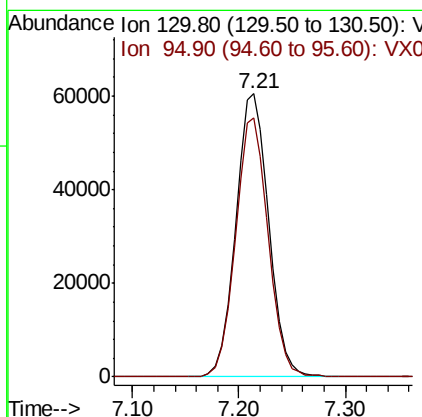
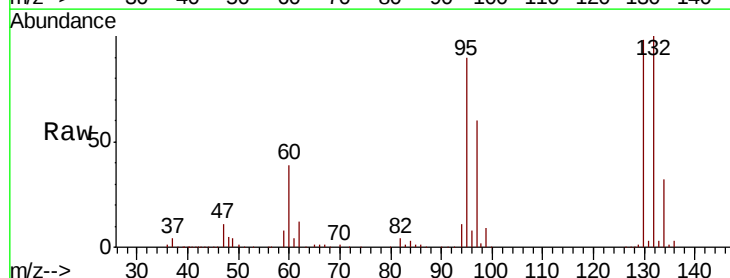
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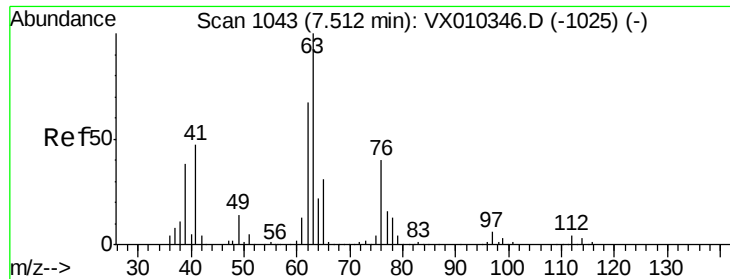
MMDadoda
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#44
Trichloroethene
Concen: 51.736 ug/l
RT: 7.21 min Scan# 994
Delta R.T. 0.00 min
Lab File: VX010709.D
Acq: 08 Jul 2019 20:29

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.7	0.0	180.8





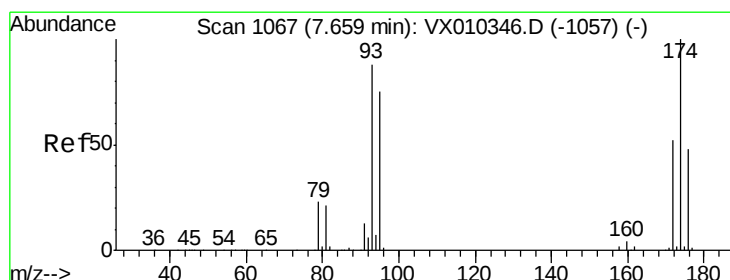
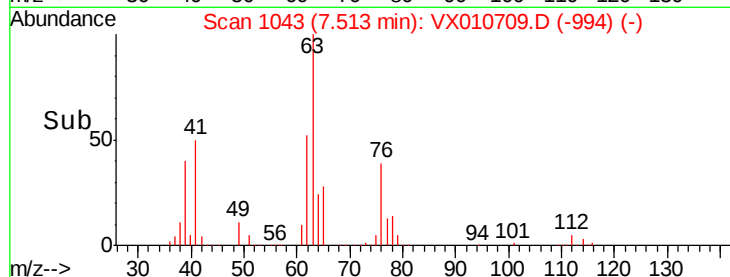
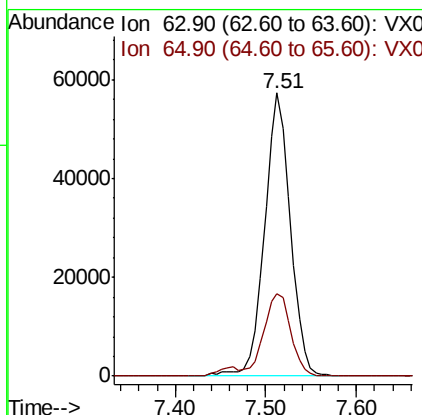
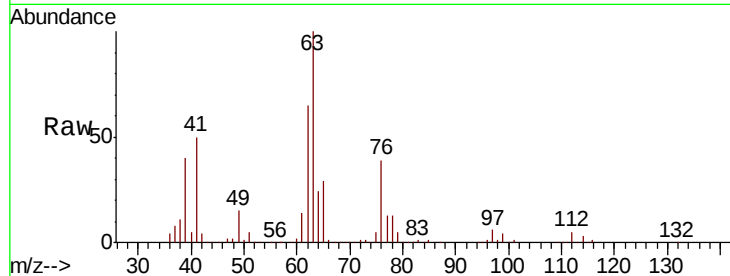
#45
1,2-Dichloropropane
Concen: 52.647 ug/l
RT: 7.51 min Scan# 1043
Delta R.T. 0.00 min
Lab File: VX010709.D
Acq: 08 Jul 2019 20:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 63 Resp: 112585
Ion Ratio Lower Upper
63 100
65 29.2 24.8 37.2

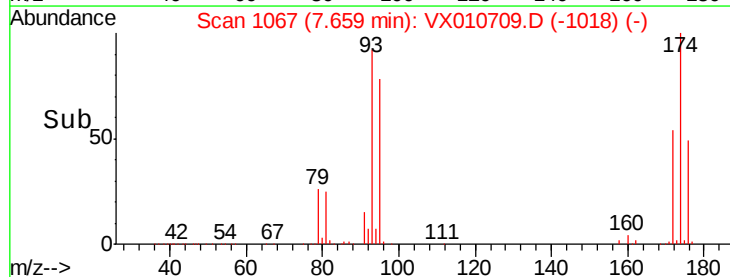
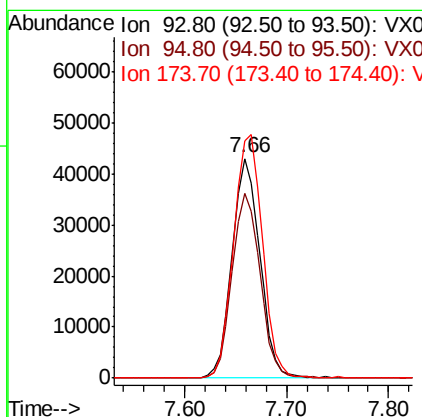
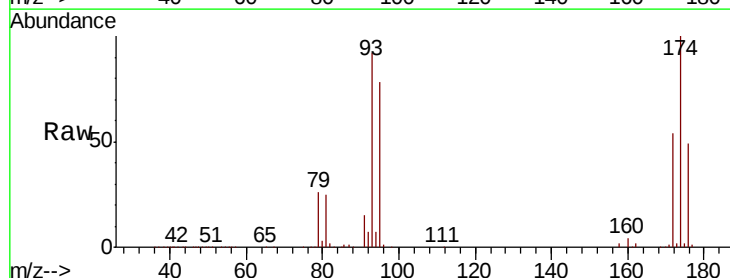
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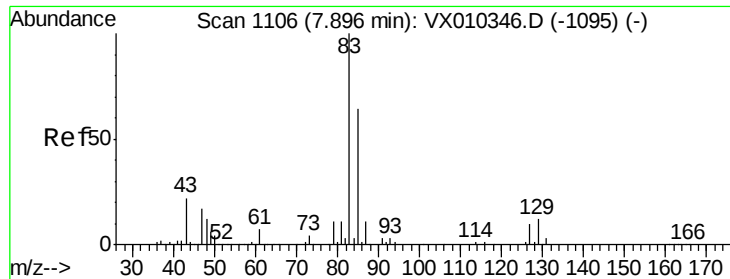
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#46
Dibromomethane
Concen: 52.956 ug/l
RT: 7.66 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VX010709.D
Acq: 08 Jul 2019 20:29

Tgt Ion: 93 Resp: 81251
Ion Ratio Lower Upper
93 100
95 84.8 67.5 101.3
174 115.4 95.8 143.6





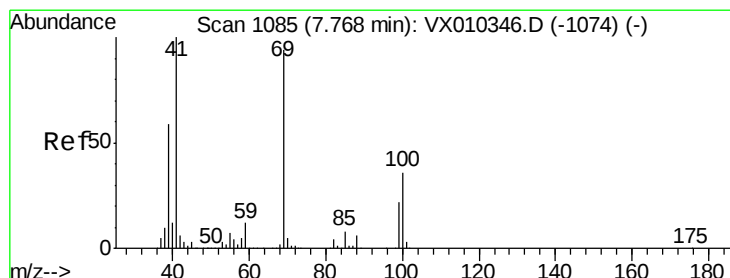
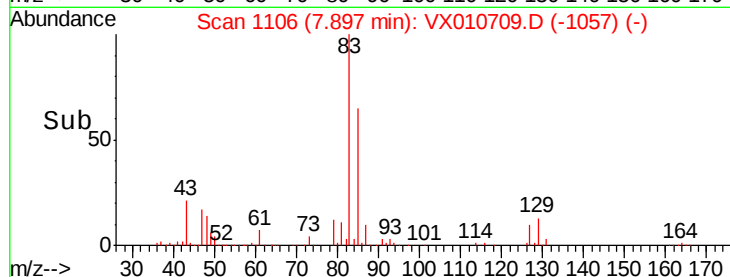
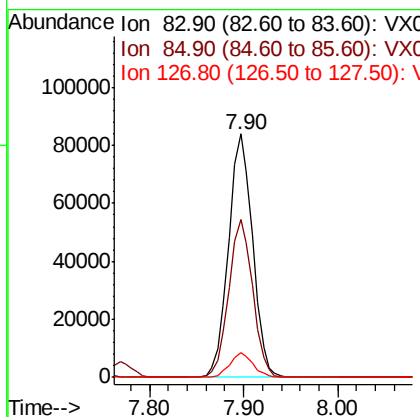
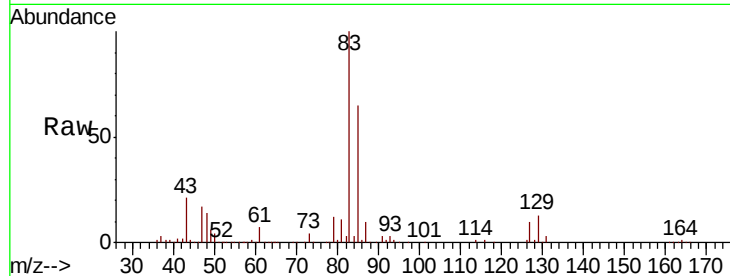
#47
Bromodichloromethane
Concen: 53.038 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VX010709.D
Acq: 08 Jul 2019 20:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.7	51.5	77.3
127	10.1	7.8	11.8

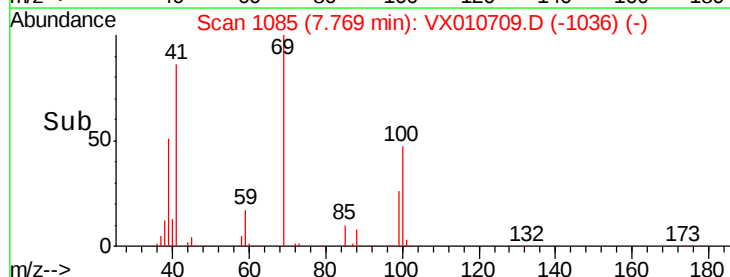
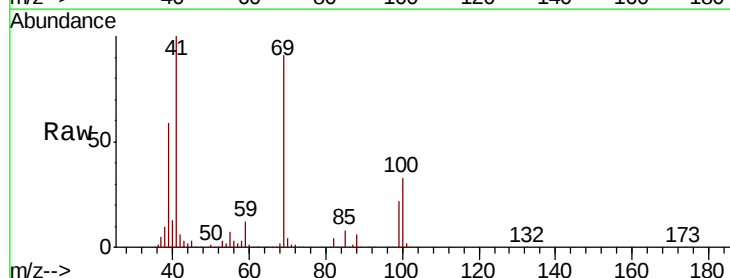
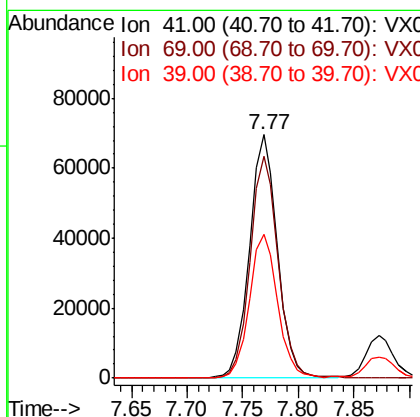
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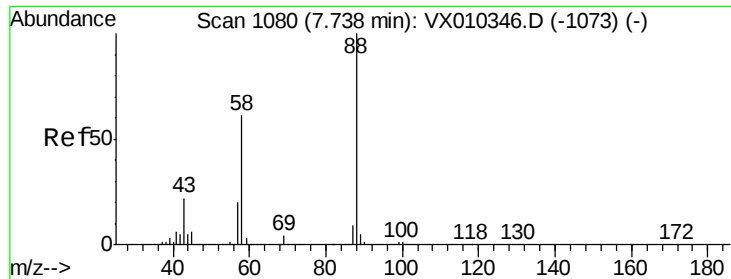
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#48
Methyl methacrylate
Concen: 56.193 ug/l
RT: 7.77 min Scan# 1085
Delta R.T. 0.00 min
Lab File: VX010709.D
Acq: 08 Jul 2019 20:29

Tgt Ion	Ratio	Lower	Upper
41	100		
69	92.0	76.1	114.1
39	59.3	47.6	71.4





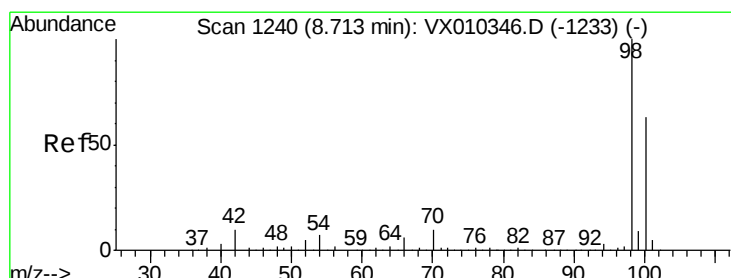
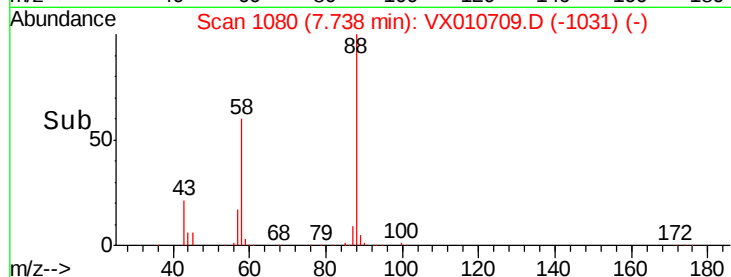
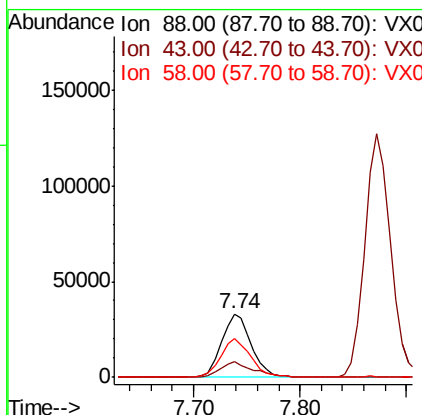
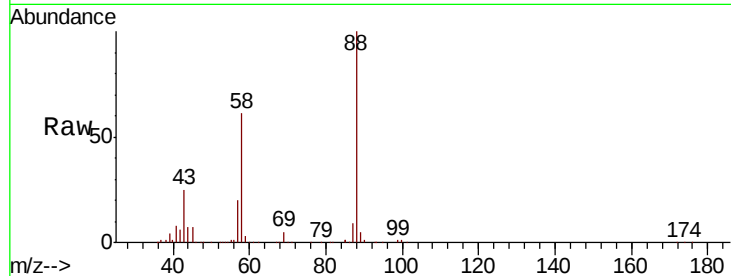
#49
1,4-Dioxane
Concen: 1031.723 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX010709.D
Acq: 08 Jul 2019 20:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
88	100		
43	27.0	20.2	30.2
58	61.7	49.5	74.3

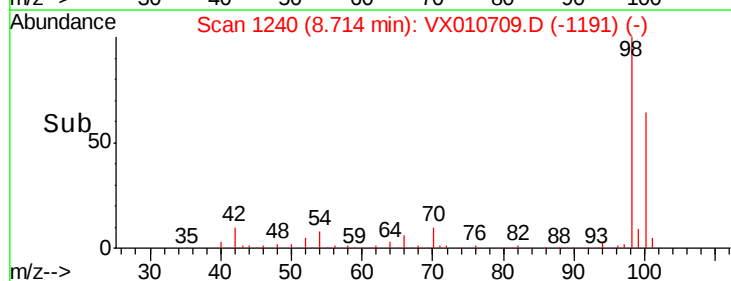
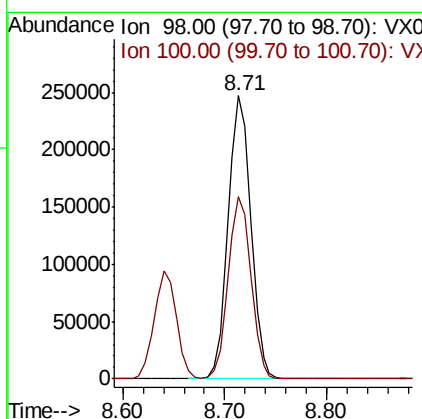
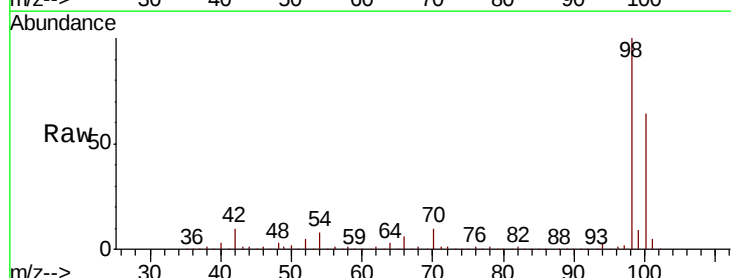
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#50
Toluene-d8
Concen: 47.537 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010709.D
Acq: 08 Jul 2019 20:29

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.6	77.4





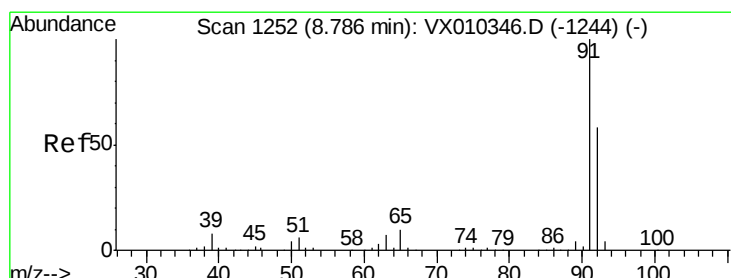
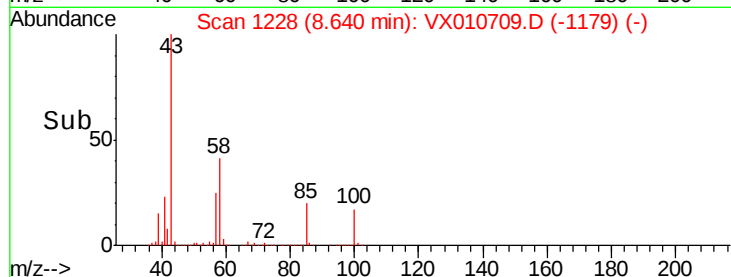
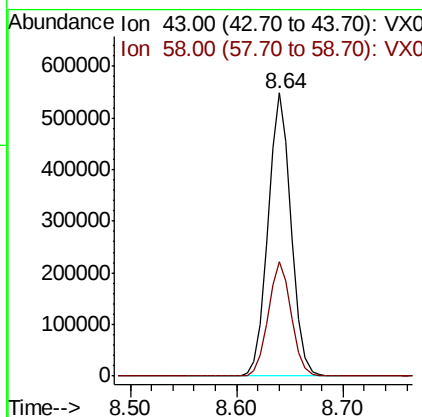
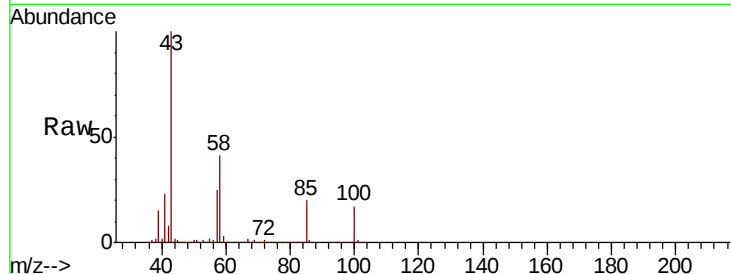
#51
 4-Methyl-2-Pentanone
 Concen: 279.131 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: VX010709.D
 Acq: 08 Jul 2019 20:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 825924
 Ion Ratio Lower Upper
 43 100
 58 40.5 33.5 50.3

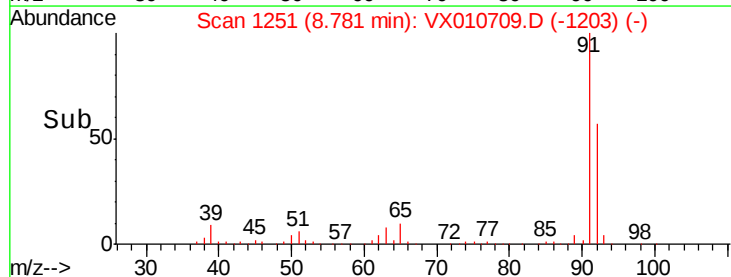
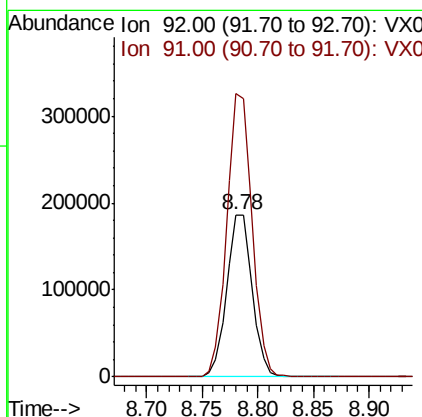
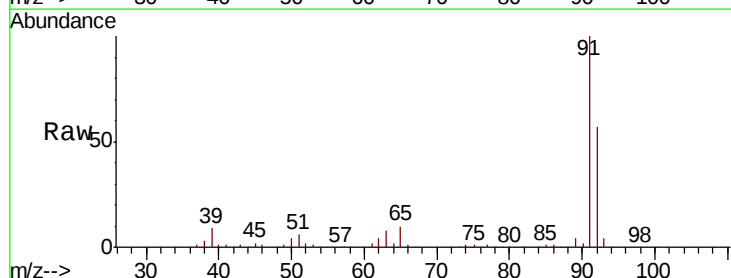
Manual Integrations
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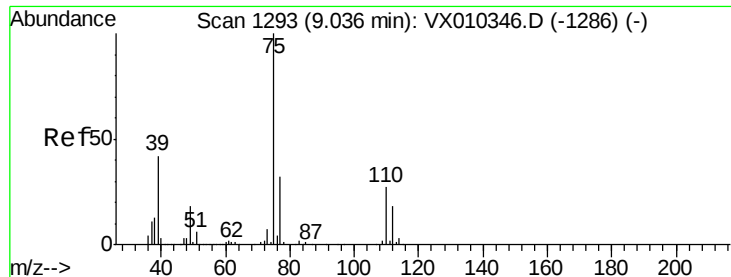
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#52
 Toluene
 Concen: 52.717 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: VX010709.D
 Acq: 08 Jul 2019 20:29

Tgt Ion: 92 Resp: 293988
 Ion Ratio Lower Upper
 92 100
 91 173.9 139.8 209.6





#53

t-1,3-Dichloropropene

Concen: 52.276 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.01 min

Lab File: VX010709.D

Acq: 08 Jul 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 164797

Ion Ratio Lower Upper

75 100

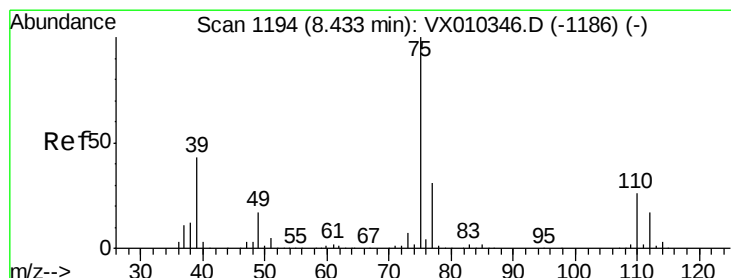
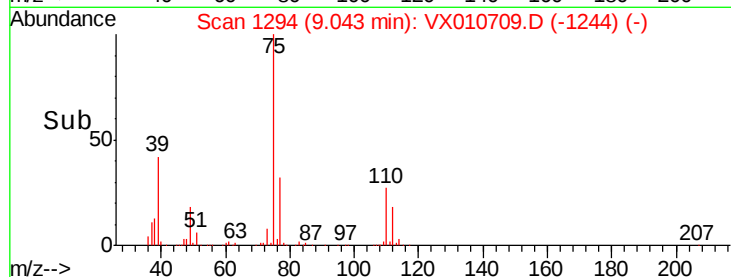
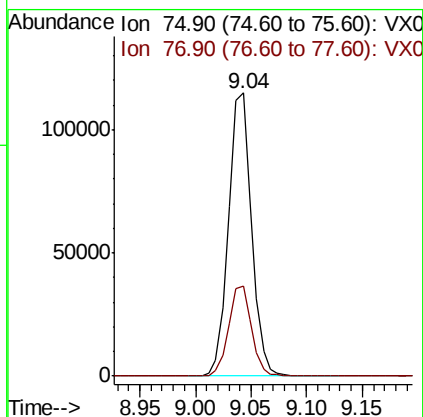
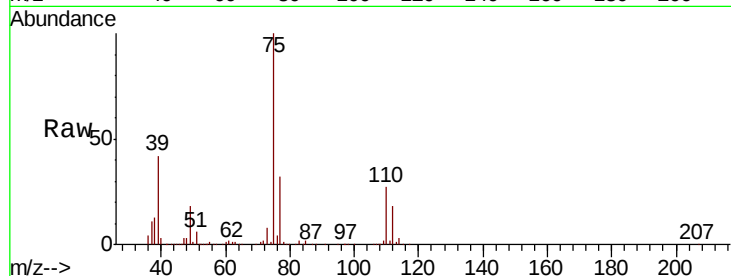
77 31.9 25.4 38.2

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#54

cis-1,3-Dichloropropene

Concen: 52.749 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX010709.D

Acq: 08 Jul 2019 20:29

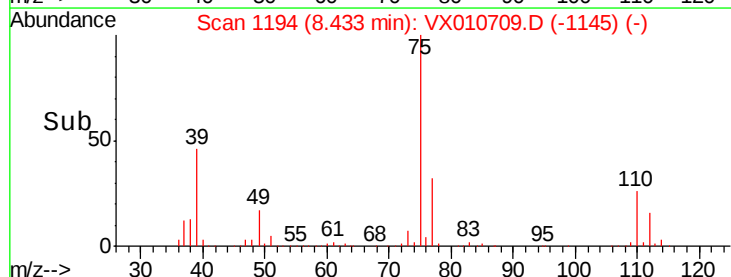
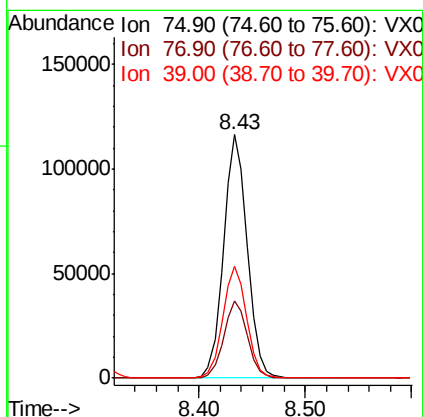
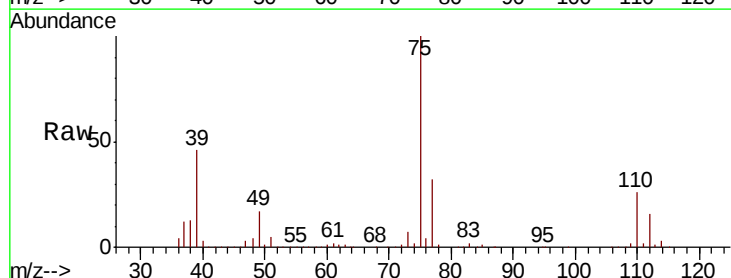
Tgt Ion: 75 Resp: 180707

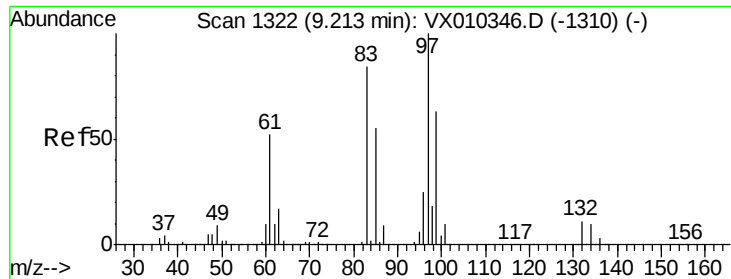
Ion Ratio Lower Upper

75 100

77 32.0 25.2 37.8

39 45.7 34.5 51.7





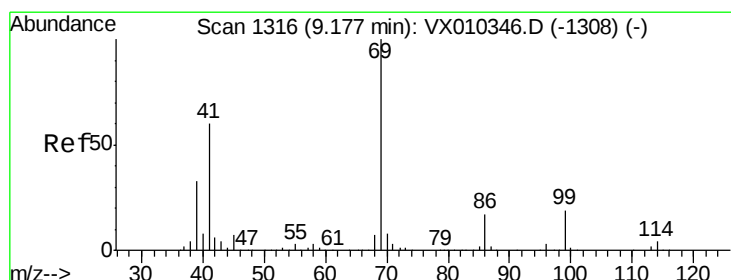
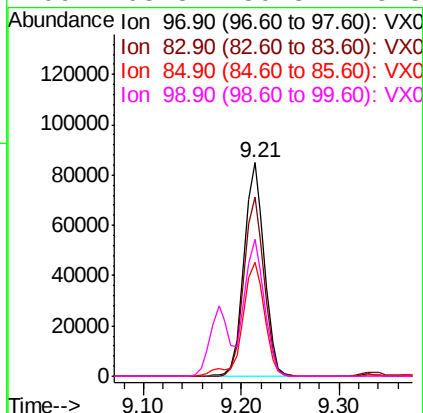
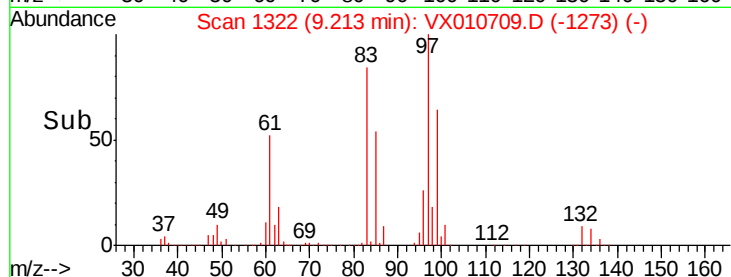
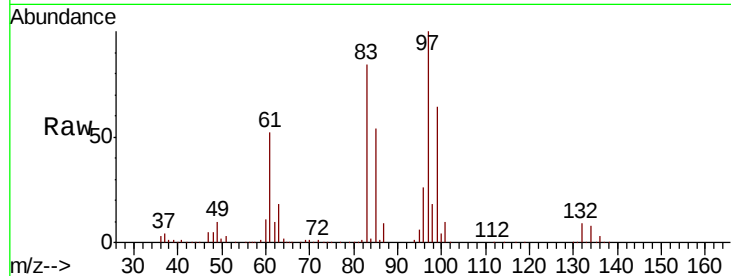
#55
 1,1,2-Trichloroethane
 Concen: 53.107 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX010709.D
 Acq: 08 Jul 2019 20:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
97	100		
83	83.6	67.4	101.0
85	53.6	43.8	65.8
99	63.8	50.3	75.5

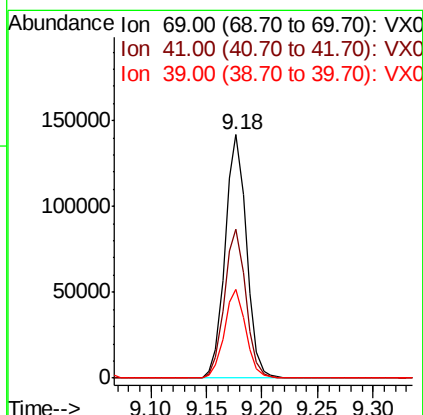
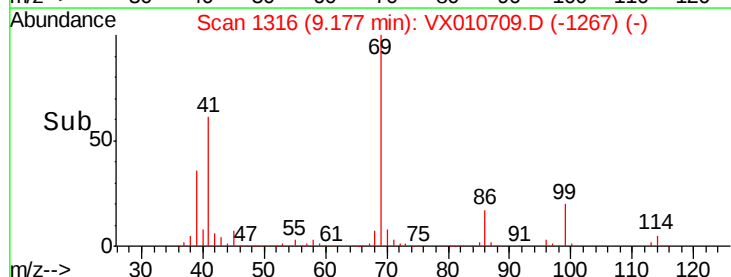
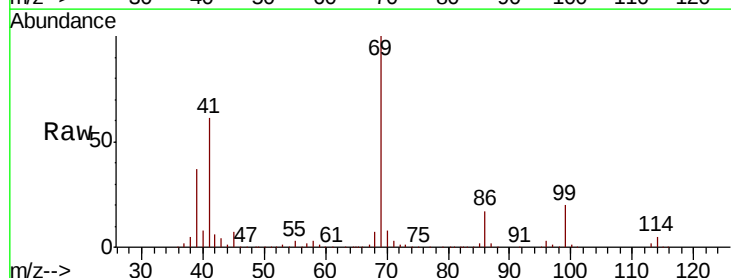
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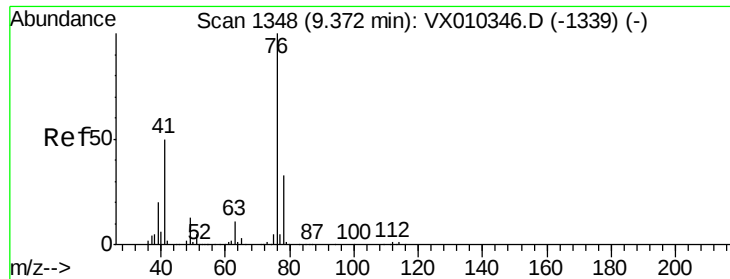
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#56
 Ethyl methacrylate
 Concen: 54.382 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX010709.D
 Acq: 08 Jul 2019 20:29

Tgt Ion	Ratio	Lower	Upper
69	100		
41	61.1	47.1	70.7
39	36.1	26.6	40.0





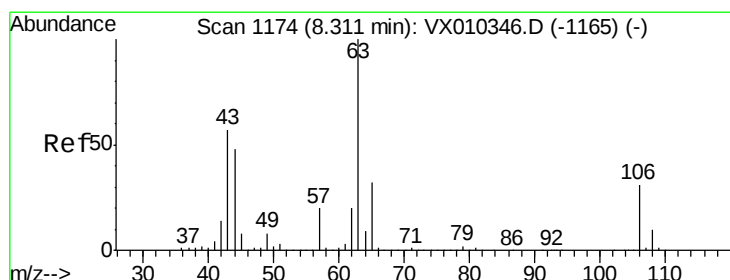
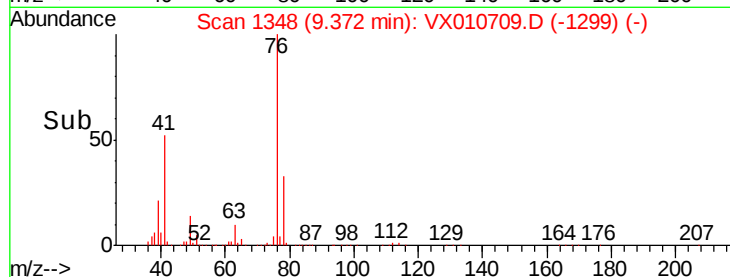
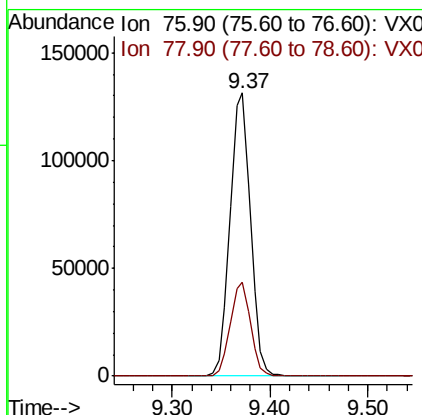
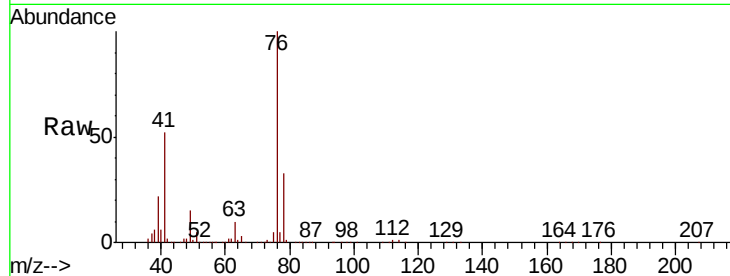
#57
 1,3-Dichloropropane
 Concen: 53.573 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX010709.D
 Acq: 08 Jul 2019 20:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 76 Resp: 191267
 Ion Ratio Lower Upper
 76 100
 78 32.8 26.1 39.1

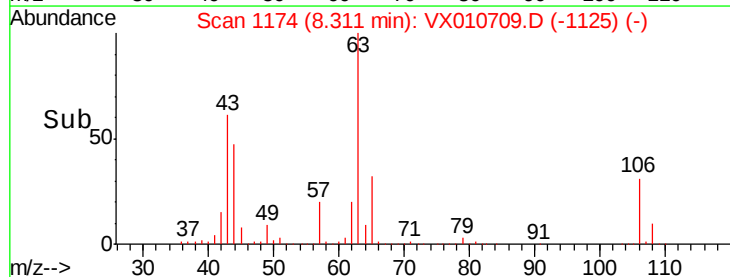
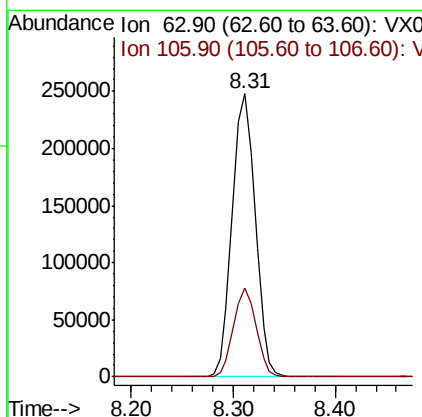
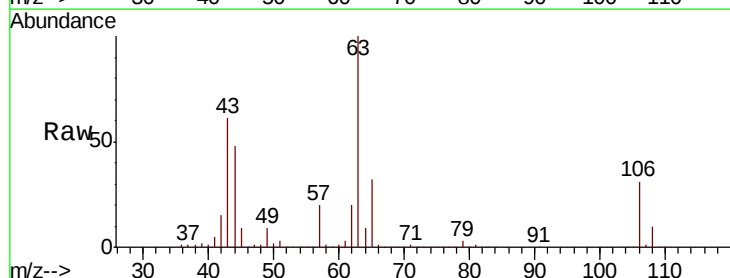
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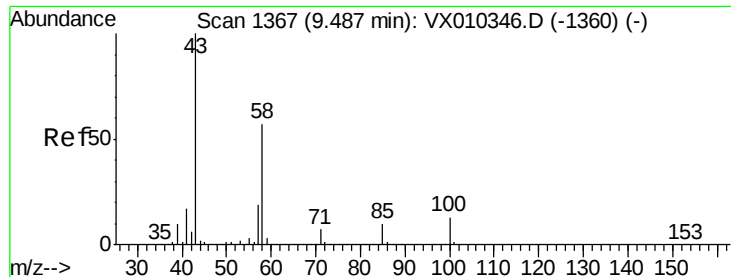
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#58
 2-Chloroethyl Vinyl ether
 Concen: 234.734 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX010709.D
 Acq: 08 Jul 2019 20:29

Tgt Ion: 63 Resp: 388414
 Ion Ratio Lower Upper
 63 100
 106 30.8 24.7 37.1





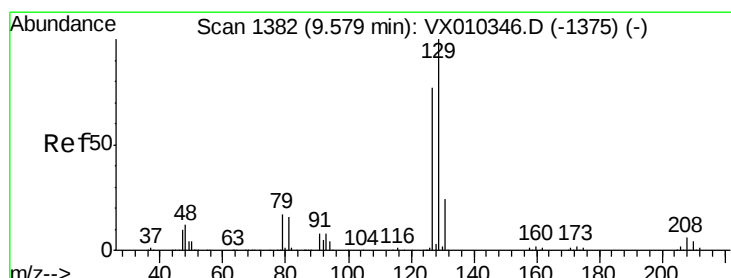
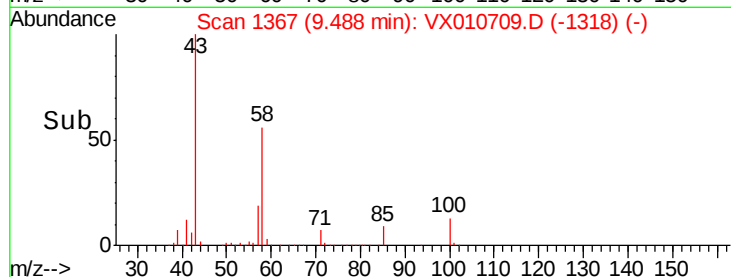
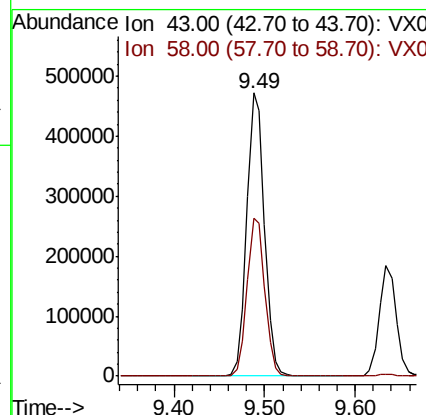
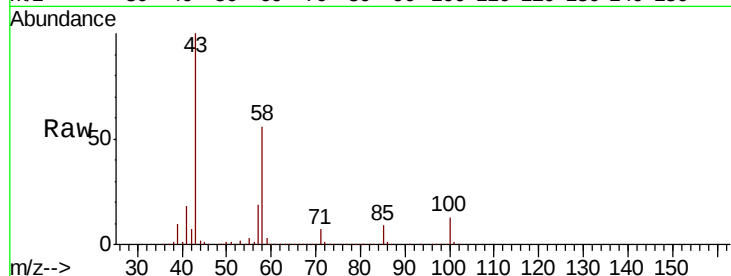
#59
2-Hexanone
Concen: 272.994 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX010709.D
Acq: 08 Jul 2019 20:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 635740
Ion Ratio Lower Upper
43 100
58 56.3 29.0 87.1

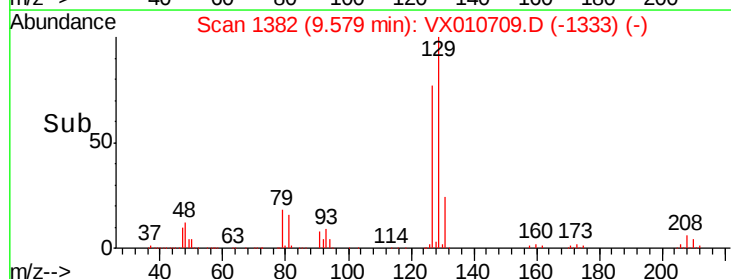
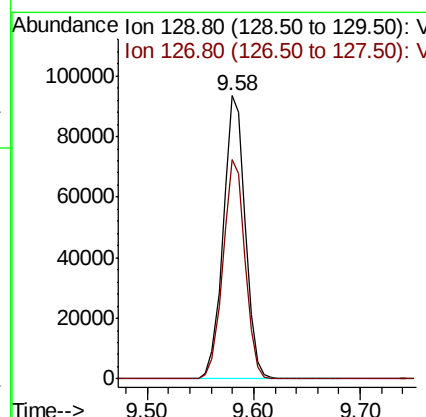
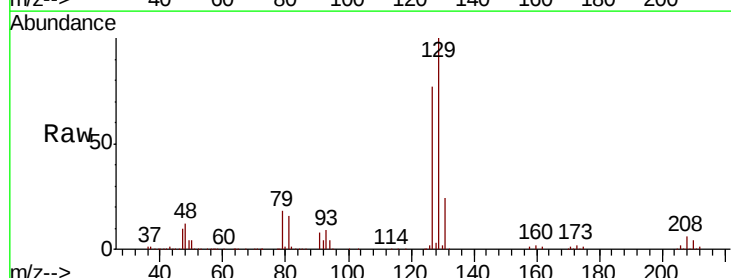
Manual Integrations
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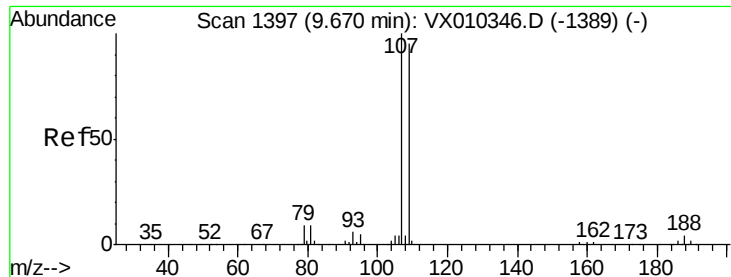
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#60
Dibromochloromethane
Concen: 52.131 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX010709.D
Acq: 08 Jul 2019 20:29

Tgt Ion: 129 Resp: 134247
Ion Ratio Lower Upper
129 100
127 77.4 38.4 115.1





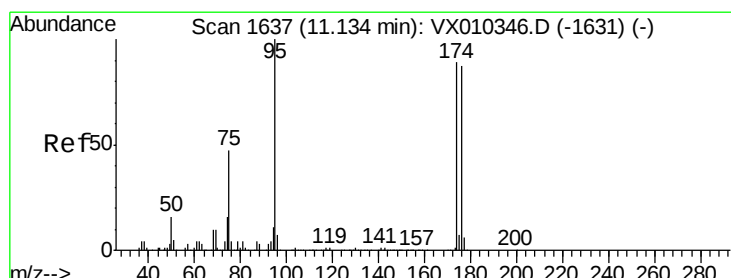
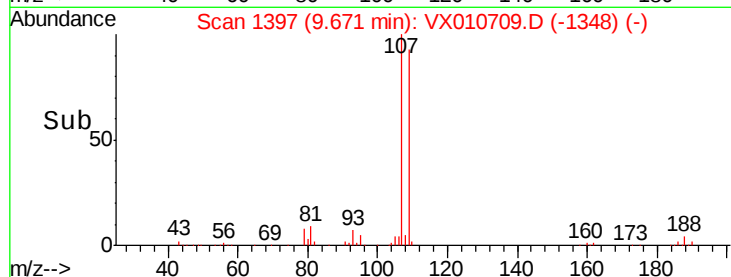
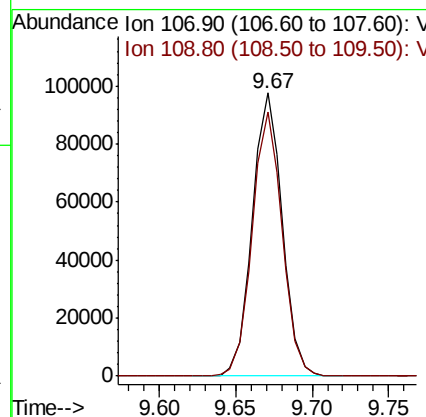
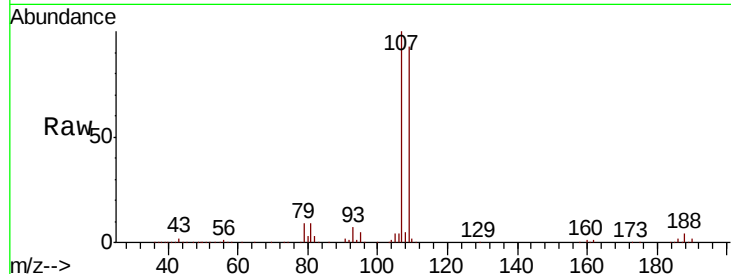
#61
 1,2-Dibromoethane
 Concen: 53.435 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX010709.D
 Acq: 08 Jul 2019 20:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
107	100		
109	93.6	75.8	113.6

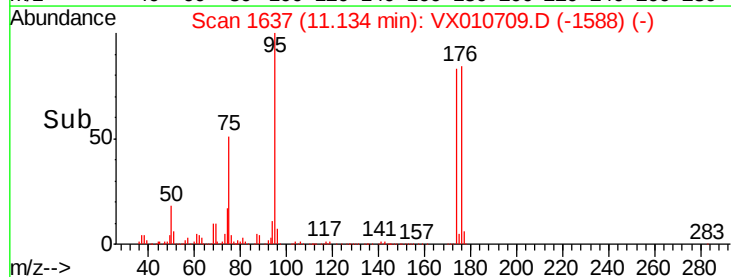
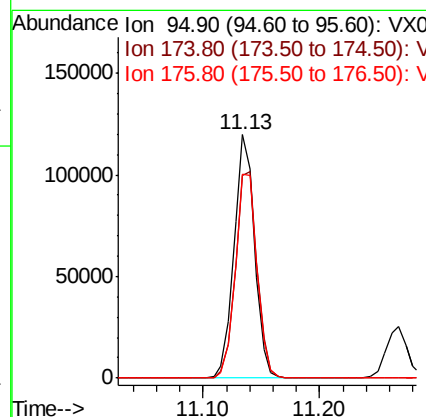
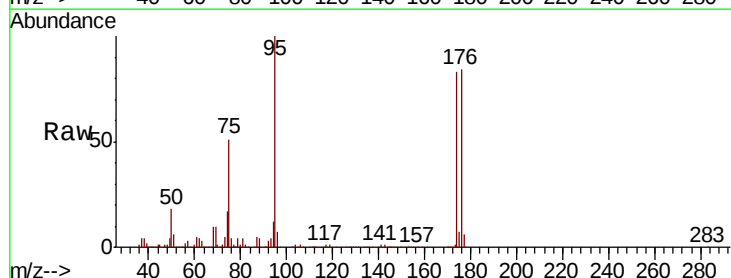
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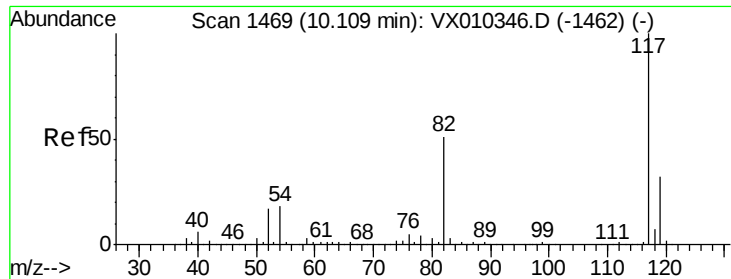
MMDadoda
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#62
 4-Bromofluorobenzene
 Concen: 50.725 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: VX010709.D
 Acq: 08 Jul 2019 20:29

Tgt Ion	Ratio	Lower	Upper
95	100		
174	89.9	0.0	187.6
176	89.0	0.0	184.0





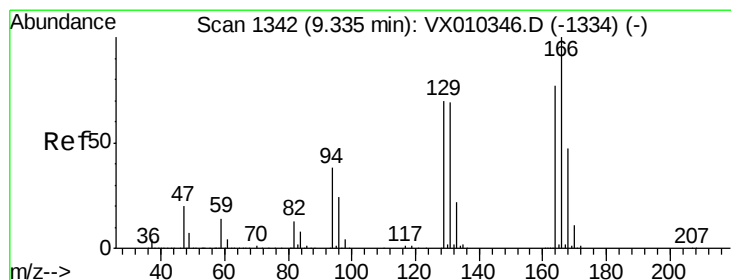
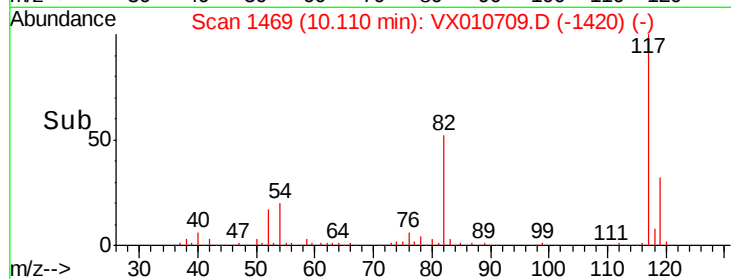
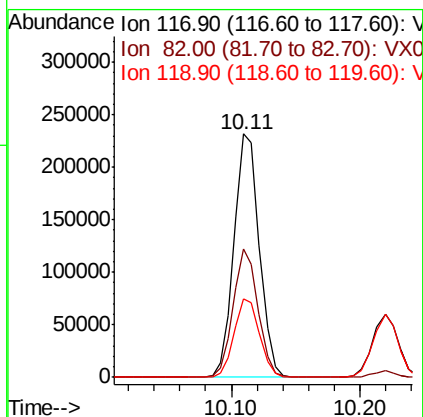
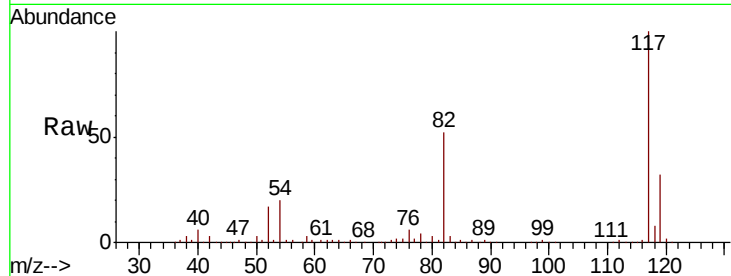
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010709.D
Acq: 08 Jul 2019 20:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	318602		
82	52.5	41.2	61.8	
119	32.0	25.5	38.3	

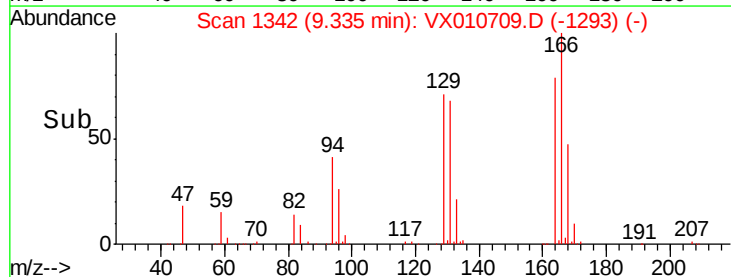
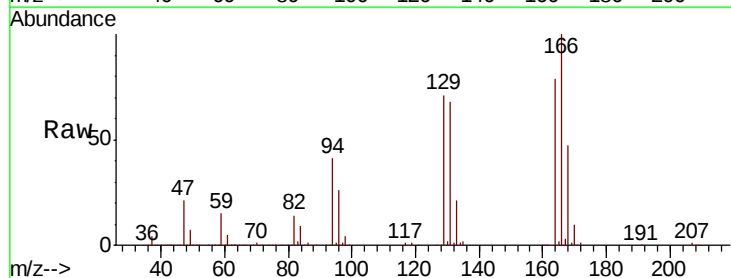
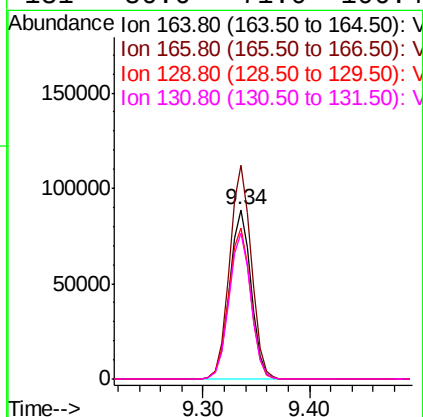
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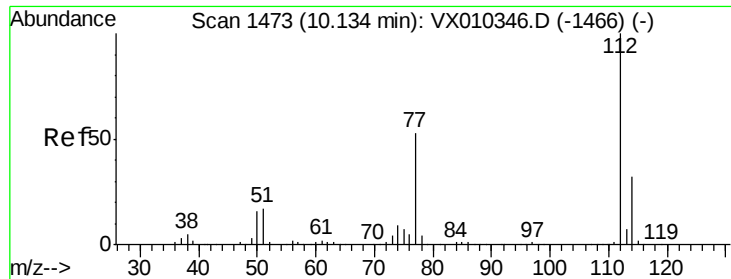
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#64
Tetrachloroethene
Concen: 49.026 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010709.D
Acq: 08 Jul 2019 20:29

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	126336		
166	126.4	103.6	155.4	
129	89.6	73.0	109.4	
131	86.6	71.0	106.4	





#65

Chlorobenzene

Concen: 51.362 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. 0.00 min

Lab File: VX010709.D

Acq: 08 Jul 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:112 Resp: 332219

Ion Ratio Lower Upper

112 100

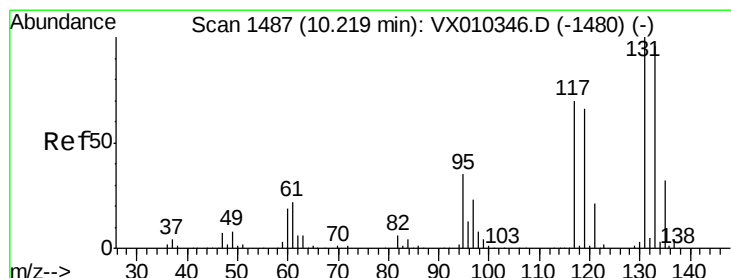
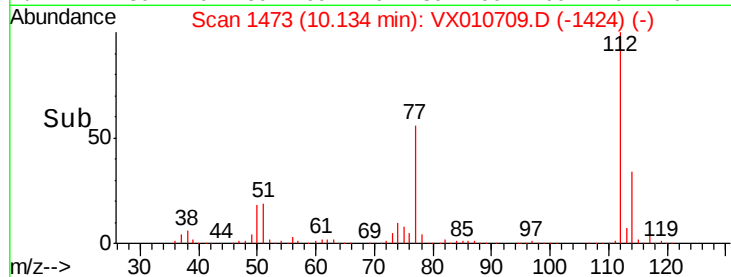
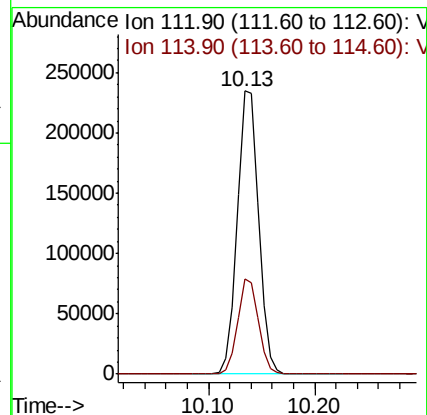
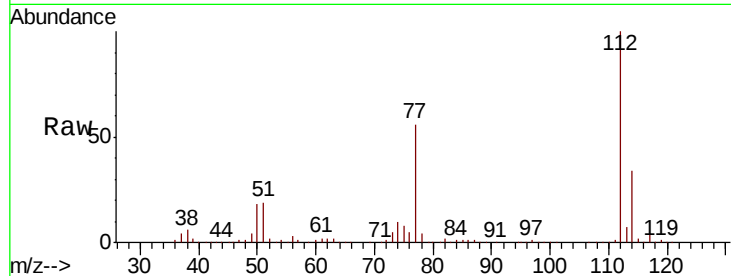
114 33.5 25.4 38.2

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#66

1,1,1,2-Tetrachloroethane

Concen: 51.487 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX010709.D

Acq: 08 Jul 2019 20:29

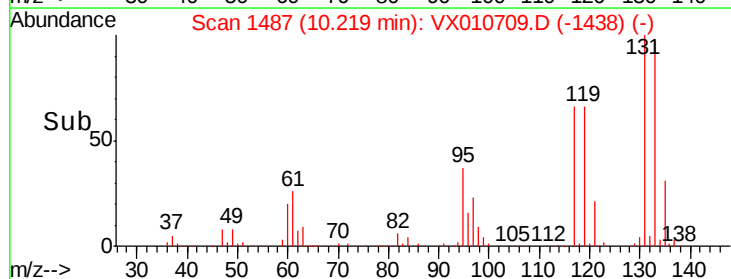
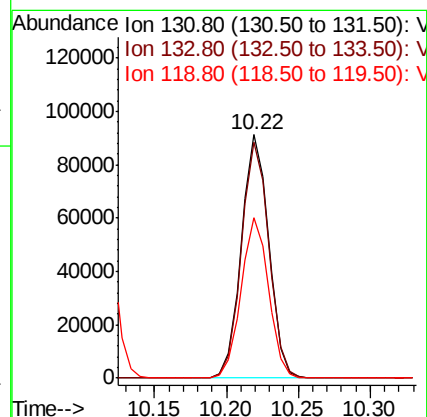
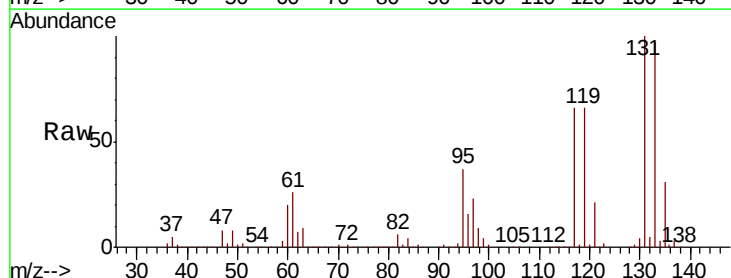
Tgt Ion:131 Resp: 121306

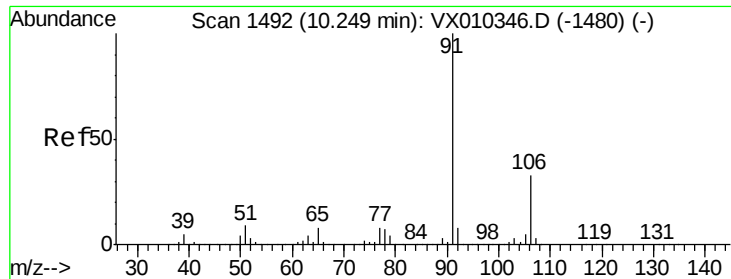
Ion Ratio Lower Upper

131 100

133 96.9 47.7 143.1

119 65.9 32.6 97.7





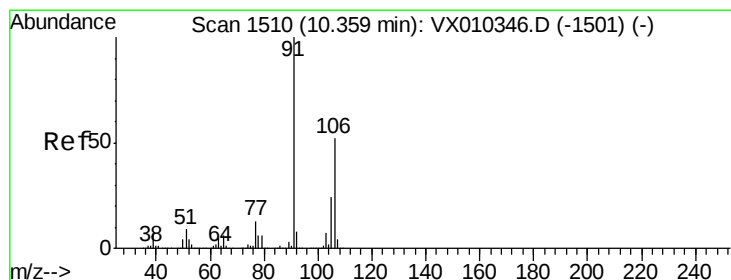
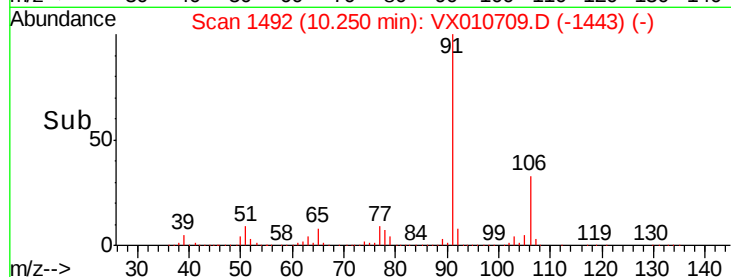
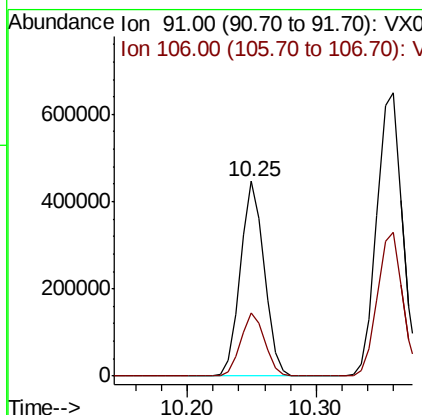
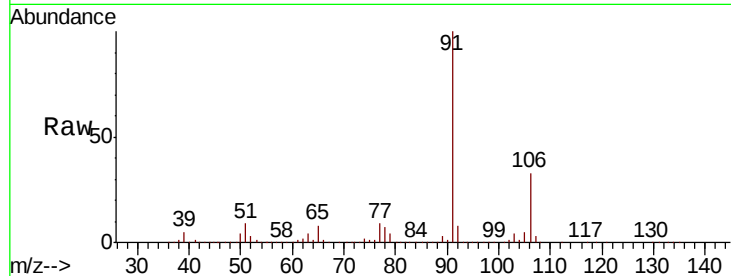
#67
Ethyl Benzene
Concen: 52.283 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010709.D
Acq: 08 Jul 2019 20:29

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050EC

Tgt Ion: 91 Resp: 570921
Ion Ratio Lower Upper
91 100
106 32.6 26.2 39.2

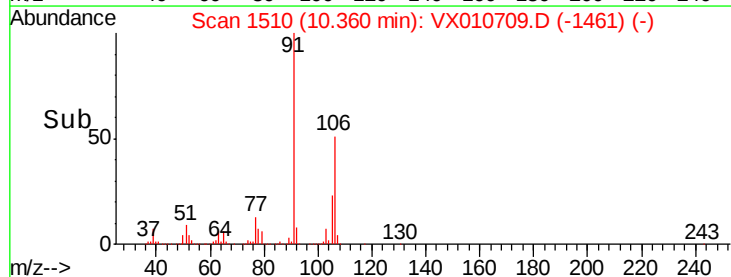
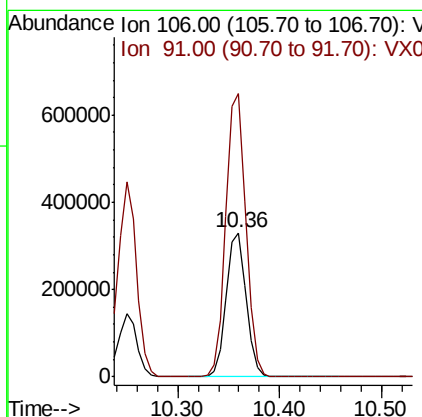
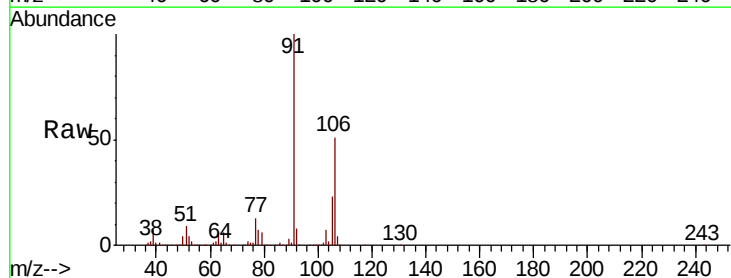
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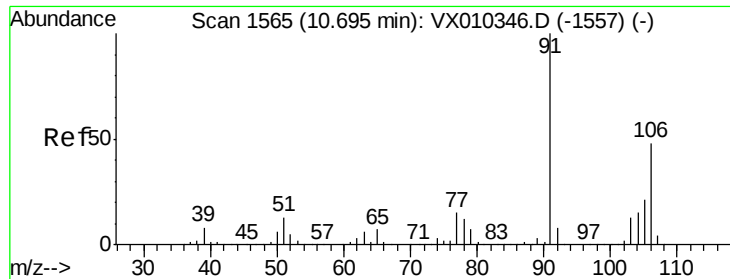
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#68
m/p-Xylenes
Concen: 104.772 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010709.D
Acq: 08 Jul 2019 20:29

Tgt Ion: 106 Resp: 443304
Ion Ratio Lower Upper
106 100
91 199.2 155.3 232.9





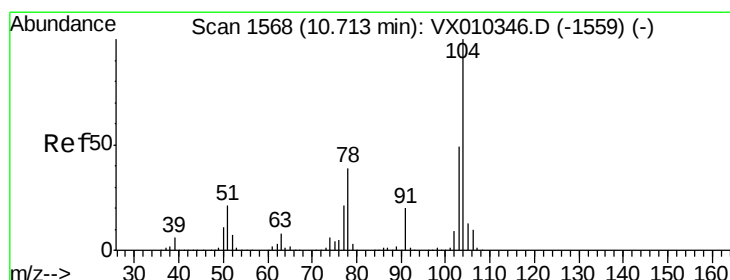
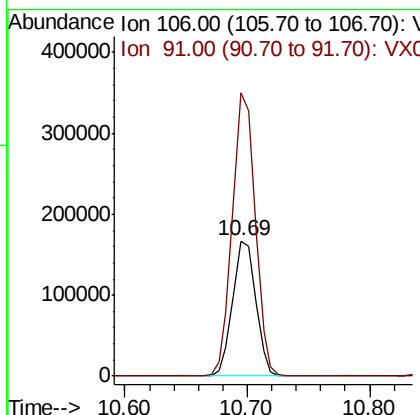
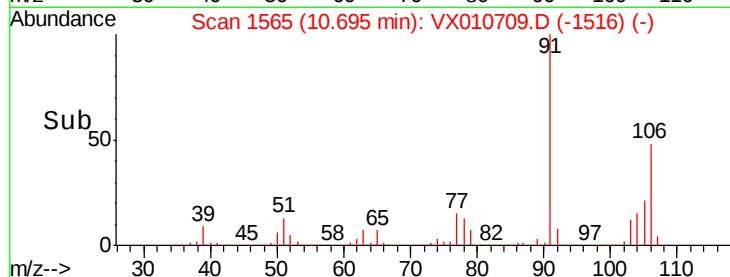
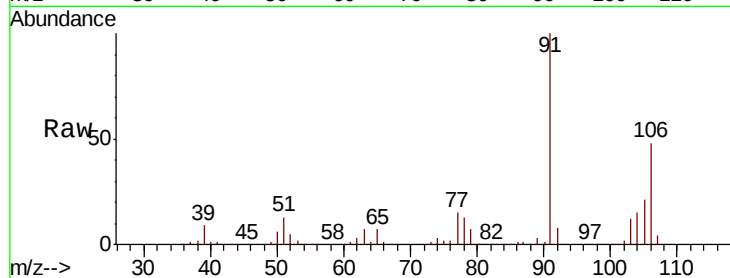
#69
o-Xylene
Concen: 52.481 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010709.D
Acq: 08 Jul 2019 20:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 218370
Ion Ratio Lower Upper
106 100
91 206.9 102.7 308.1

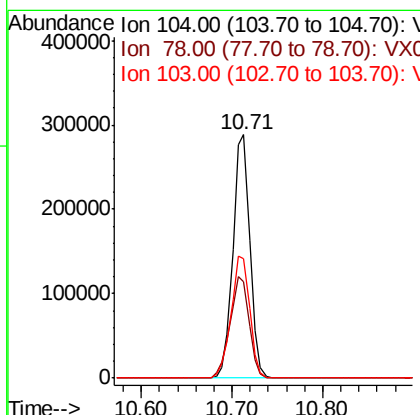
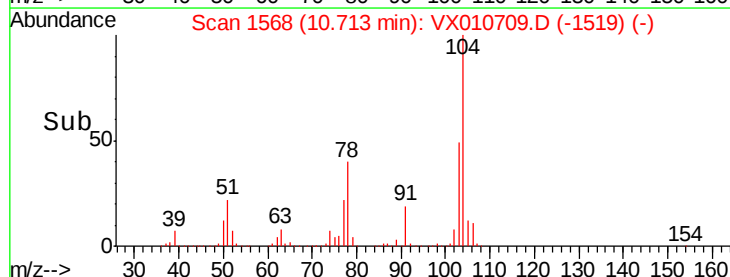
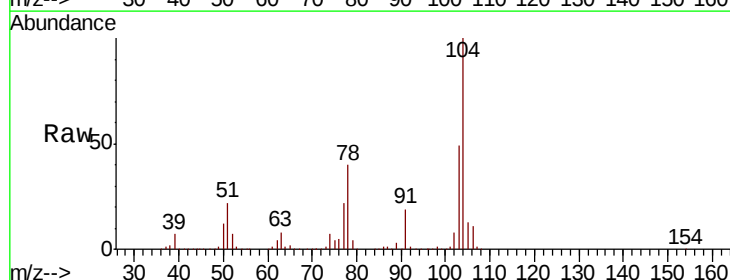
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#70
Styrene
Concen: 53.687 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX010709.D
Acq: 08 Jul 2019 20:29

Tgt Ion:104 Resp: 374630
Ion Ratio Lower Upper
104 100
78 47.0 36.2 54.2
103 55.2 44.2 66.4





#71

Bromoform

Concen: 50.047 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX010709.D

Acq: 08 Jul 2019 20:29

Instrument :

MSVOA_X

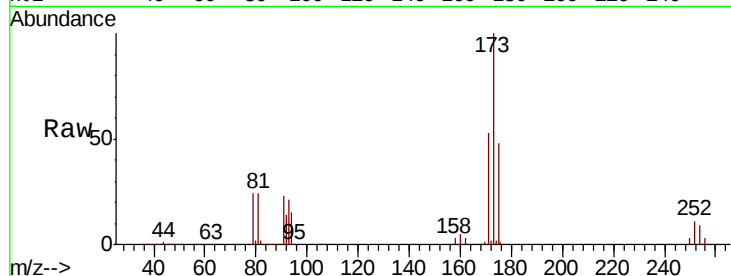
ClientSampled :

VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.0	24.1	72.3
254	0.1	0.2	0.2

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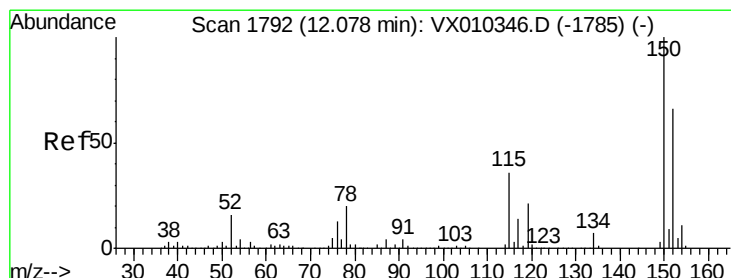
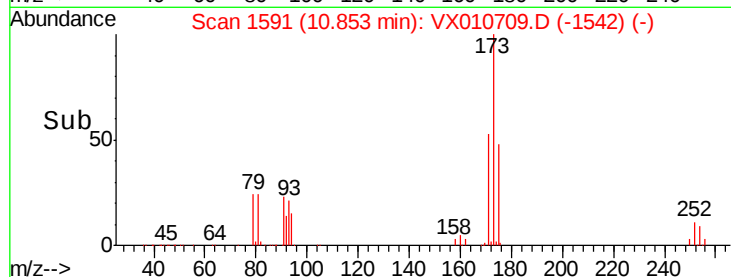
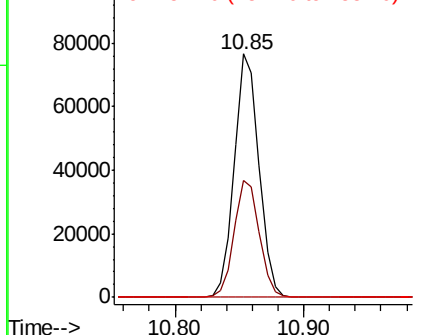


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

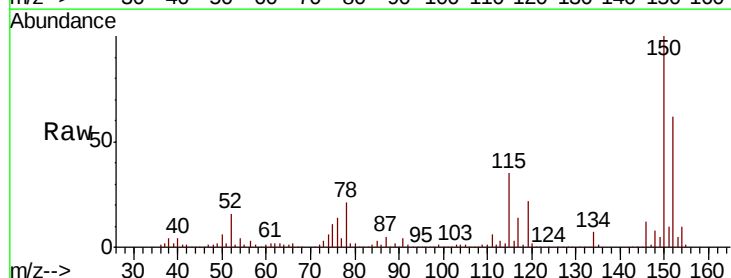
RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010709.D

Acq: 08 Jul 2019 20:29

Tgt Ion	Ratio	Lower	Upper
152	100		
115	78.7	38.6	115.7
150	174.0	0.0	347.4

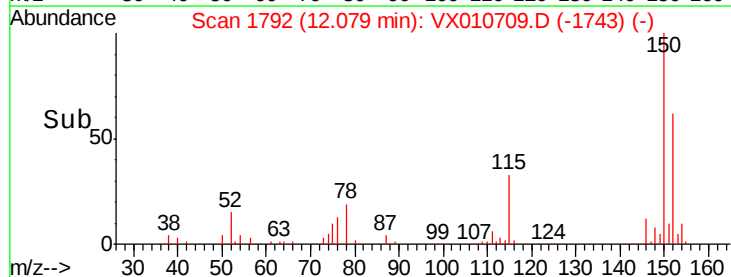
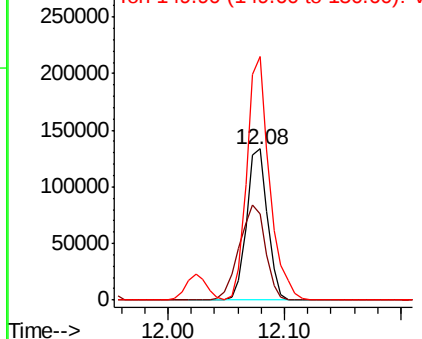


Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.107 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010709.D

Acq: 08 Jul 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 105 Resp: 580864

Ion Ratio Lower Upper

105 100

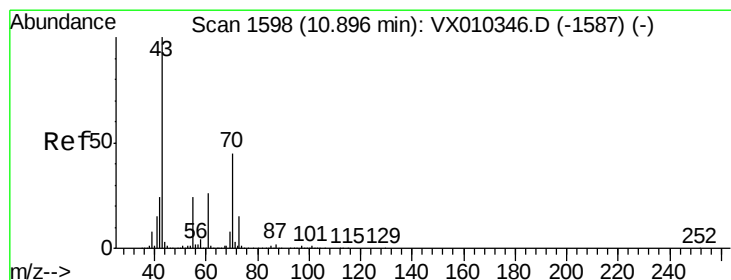
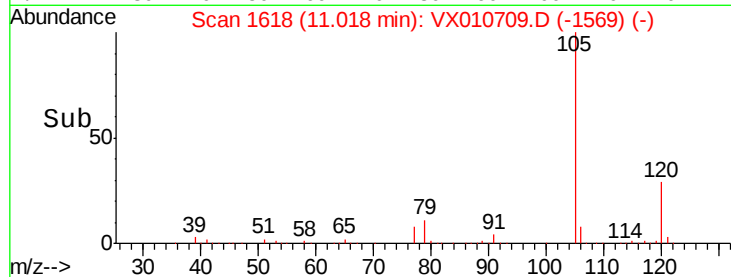
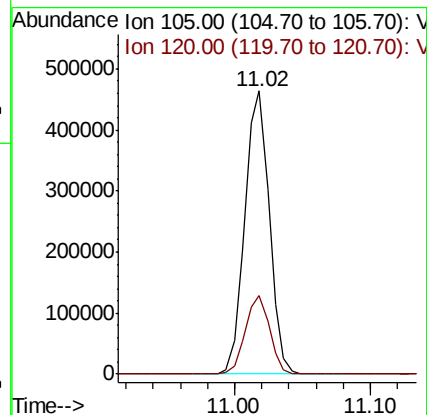
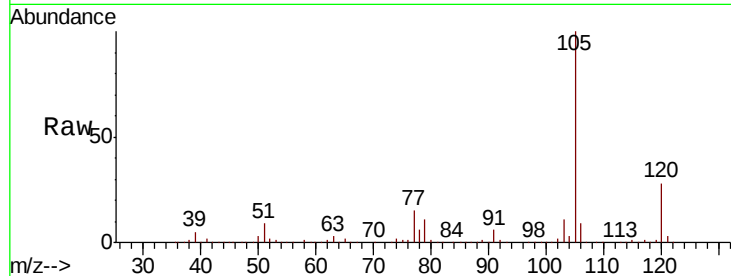
120 27.5 14.1 42.4

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#74

N-ethyl acetate

Concen: 54.466 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX010709.D

Acq: 08 Jul 2019 20:29

Tgt Ion: 43 Resp: 233950

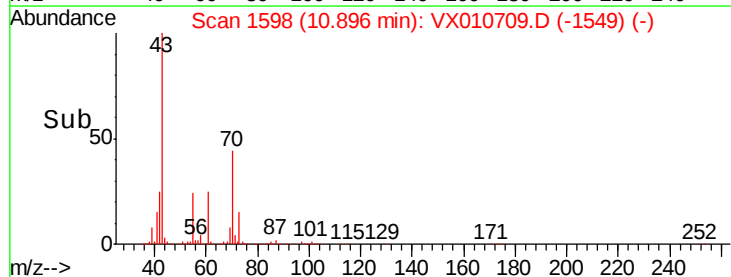
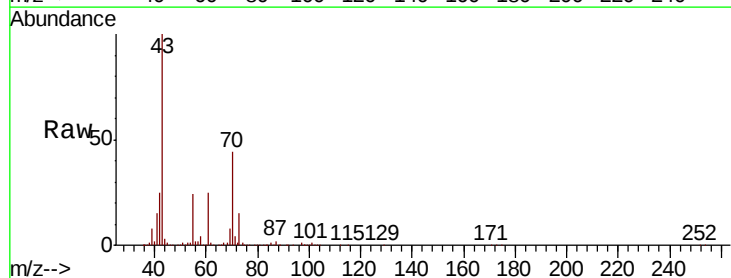
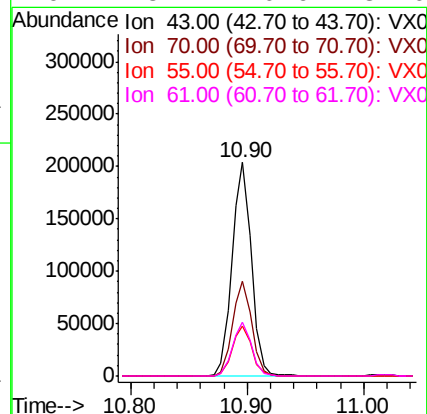
Ion Ratio Lower Upper

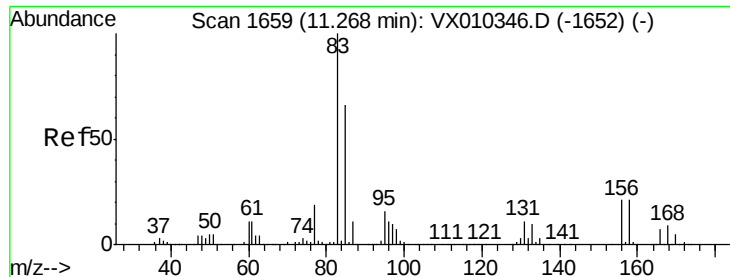
43 100

70 44.3 36.6 54.8

55 23.8 18.7 28.1

61 25.2 20.6 31.0





#75

1,1,2,2-Tetrachloroethane

Concen: 50.857 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX010709.D

Acq: 08 Jul 2019 20:29

Instrument :

MSVOA_X

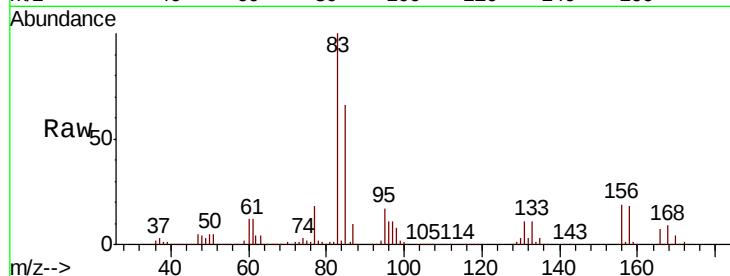
ClientSampleId :

VSTDCCC050EC

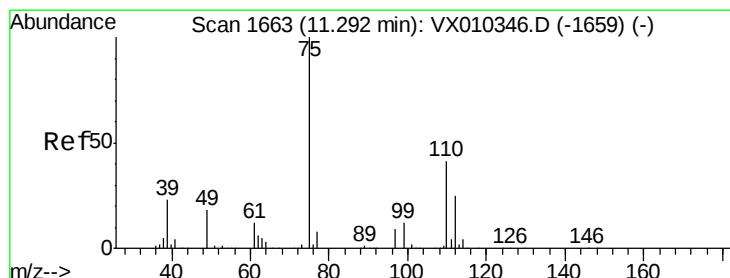
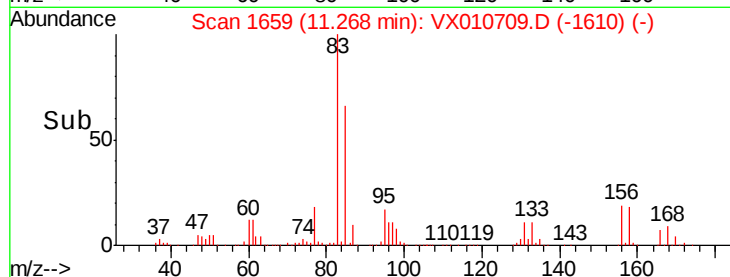
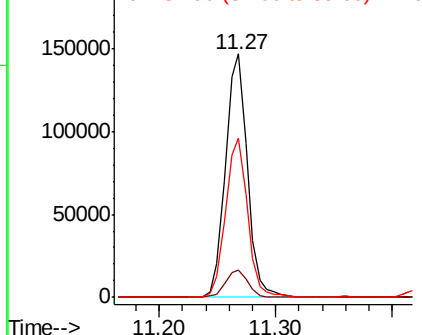
Tgt Ion:	83	Resp:	191427
Ion	Ratio	Lower	Upper
83	100		
131	11.3	5.5	16.4
85	65.4	32.3	96.8

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Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 51.487 ug/l m

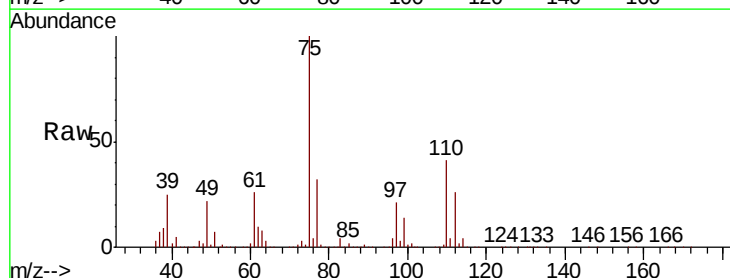
RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

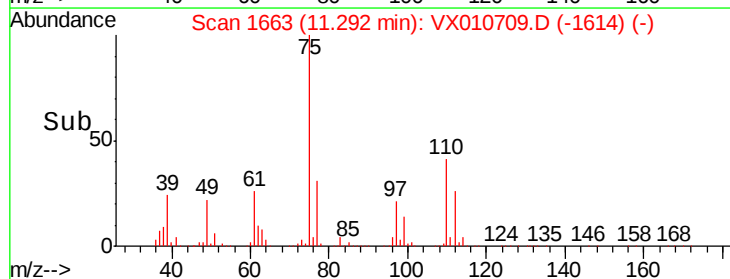
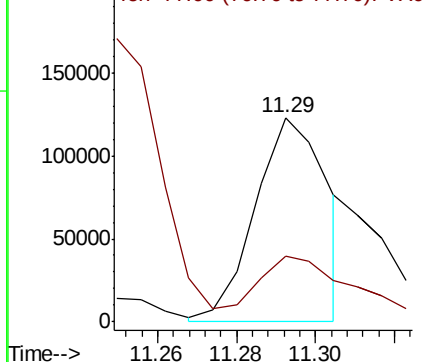
Lab File: VX010709.D

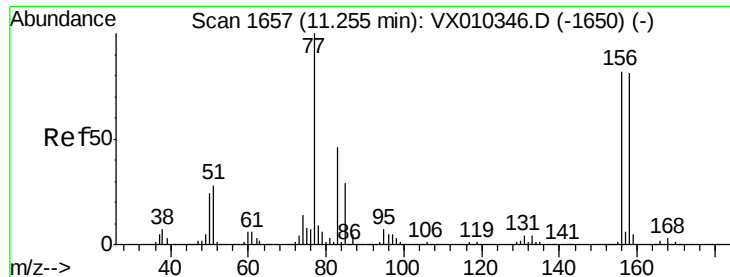
Acq: 08 Jul 2019 20:29

Tgt Ion:	75	Resp:	157311
Ion	Ratio	Lower	Upper
75	100		
77	43.2	22.6	67.8



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.596 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX010709.D

Acq: 08 Jul 2019 20:29

Instrument :

MSVOA_X

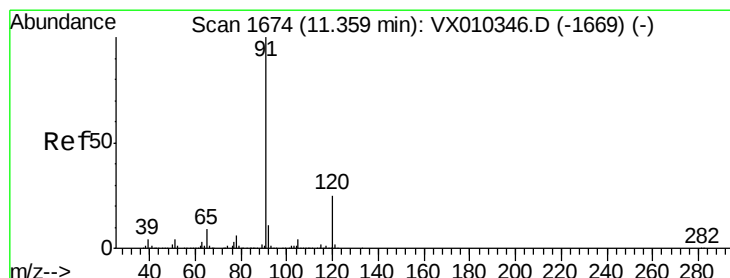
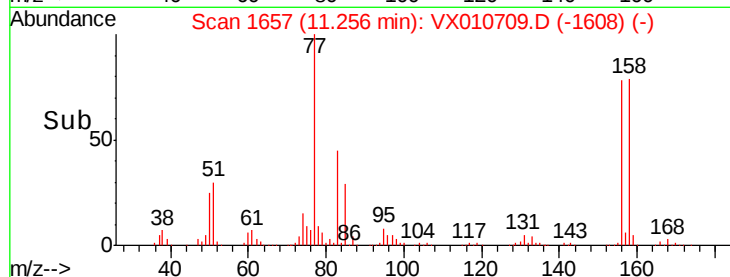
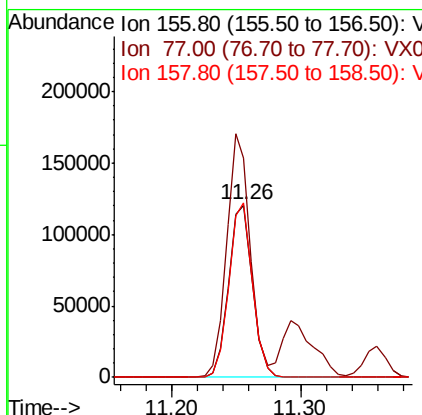
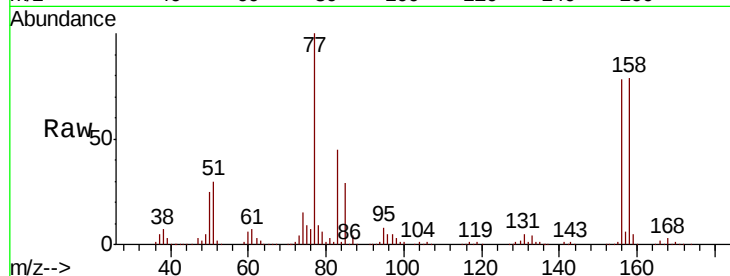
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	156	Resp:	157400
Ion Ratio	Lower	Upper	
156	100		
77	138.5	66.3	198.7
158	99.5	48.9	146.7

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#78

n-propylbenzene

Concen: 52.955 ug/l

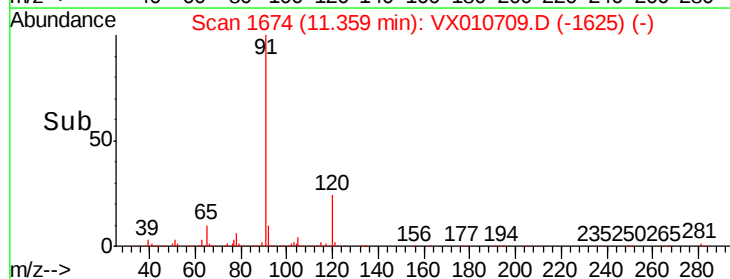
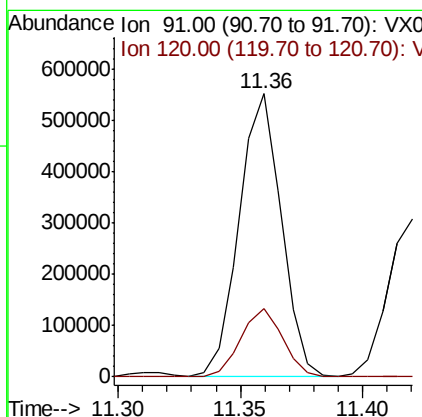
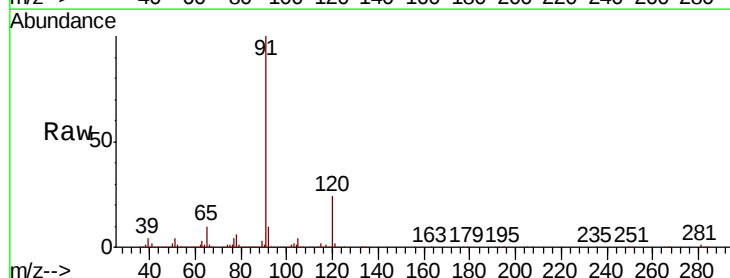
RT: 11.36 min Scan# 1674

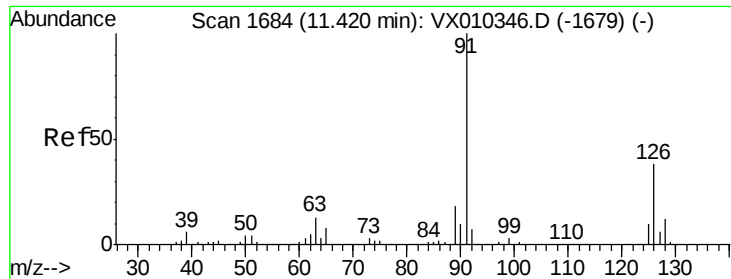
Delta R.T. 0.00 min

Lab File: VX010709.D

Acq: 08 Jul 2019 20:29

Tgt Ion:	91	Resp:	661491
Ion Ratio	Lower	Upper	
91	100		
120	24.1	12.4	37.4





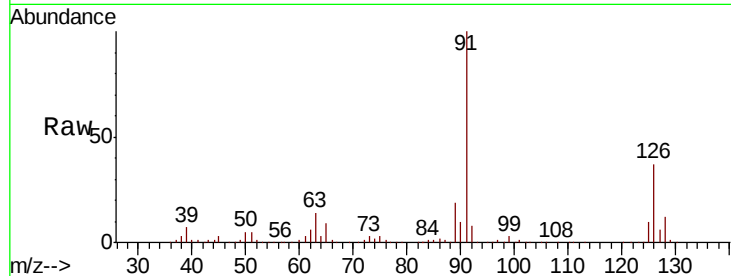
#79
 2-Chlorotoluene
 Concen: 51.454 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX010709.D
 Acq: 08 Jul 2019 20:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

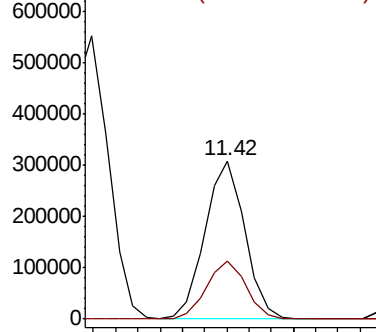
Tgt Ion: 91 Resp: 382734
 Ion Ratio Lower Upper
 91 100
 126 37.0 18.7 56.1

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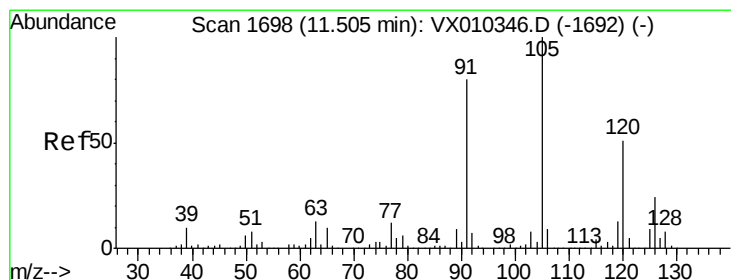
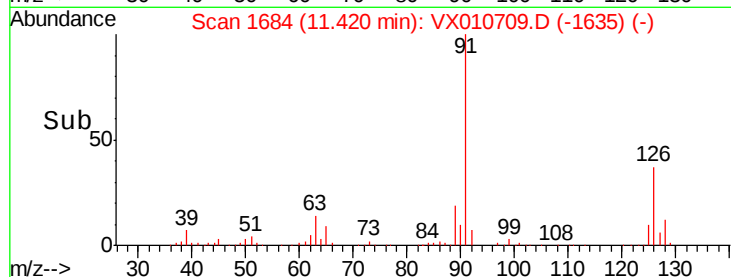
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Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 125.90 (125.60 to 126.60): V

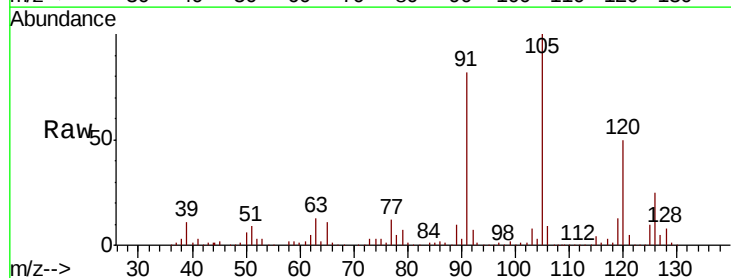


Time-->

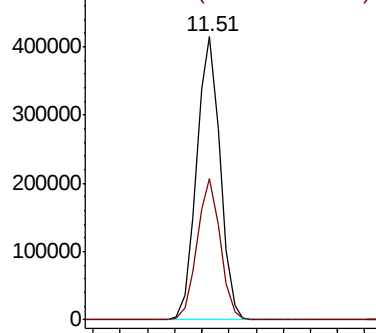


#80
 1,3,5-Trimethylbenzene
 Concen: 52.605 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX010709.D
 Acq: 08 Jul 2019 20:29

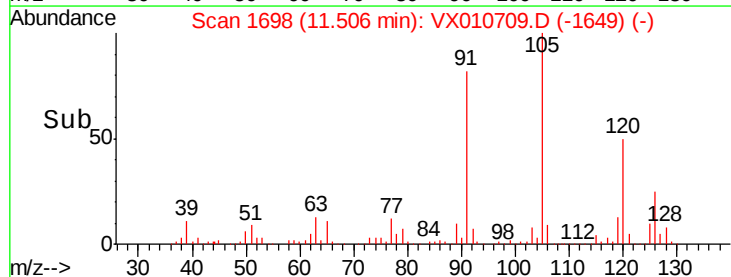
Tgt Ion: 105 Resp: 492891
 Ion Ratio Lower Upper
 105 100
 120 49.3 25.2 75.6



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V



Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 44.235 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX010709.D

Acq: 08 Jul 2019 20:29

Instrument :

MSVOA_X

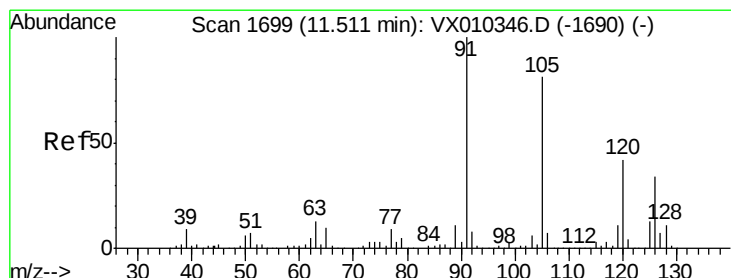
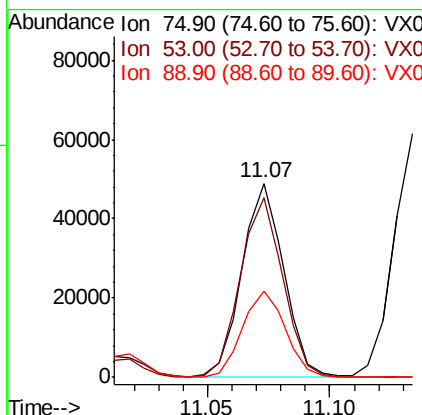
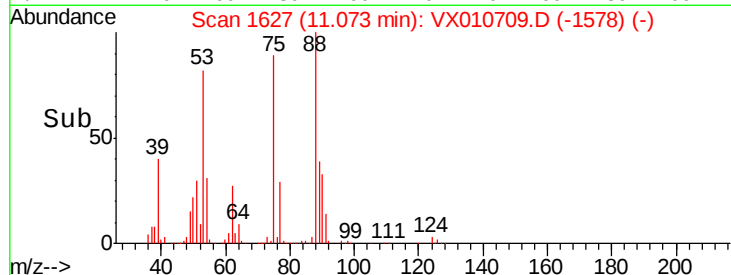
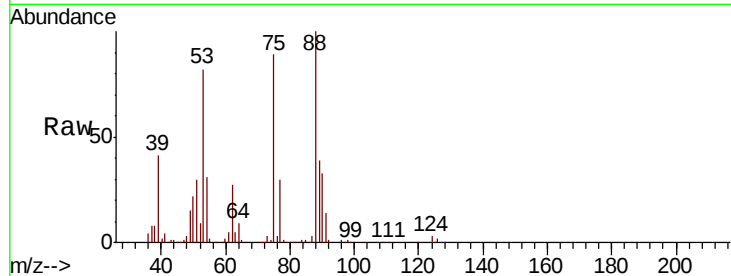
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	75	Resp:	57934
Ion	Ratio	Lower	Upper
75	100		
53	94.3	66.1	99.1
89	45.9	37.8	56.6

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#82

4-Chlorotoluene

Concen: 53.091 ug/l

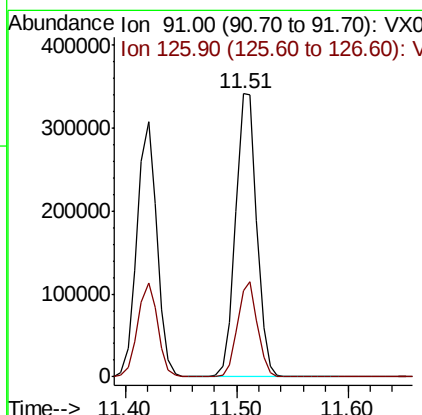
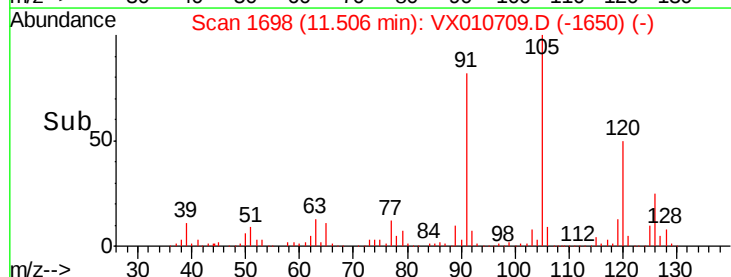
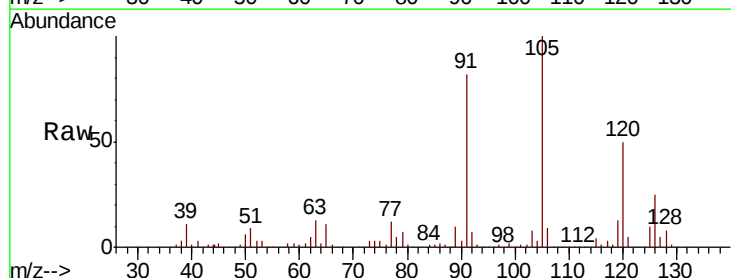
RT: 11.51 min Scan# 1698

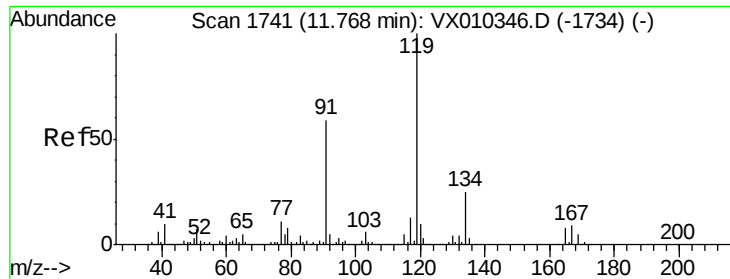
Delta R.T. -0.01 min

Lab File: VX010709.D

Acq: 08 Jul 2019 20:29

Tgt Ion:	91	Resp:	449368
Ion	Ratio	Lower	Upper
91	100		
126	31.5	16.2	48.6





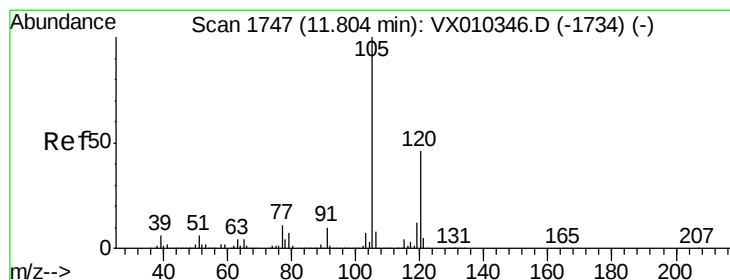
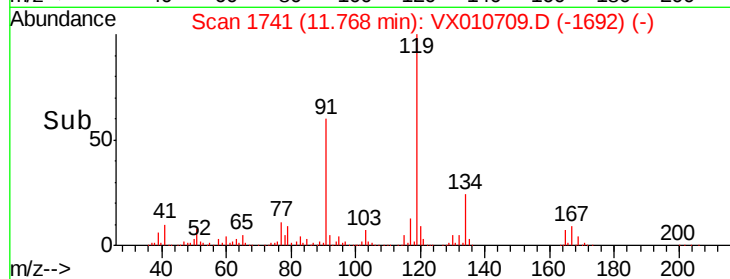
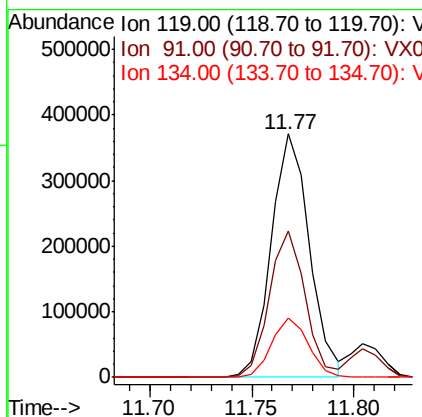
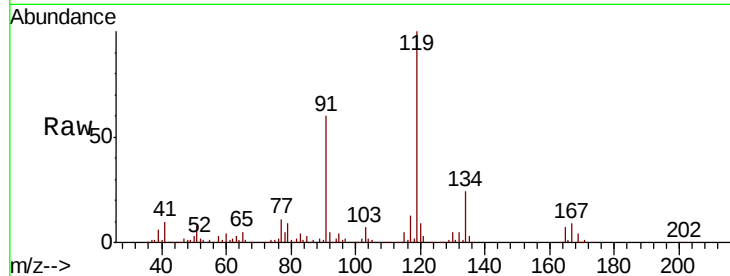
#83
 tert-Butylbenzene
 Concen: 51.536 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX010709.D
 Acq: 08 Jul 2019 20:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	484657		
91	56.8	27.6	82.7	
134	23.4	11.8	35.4	

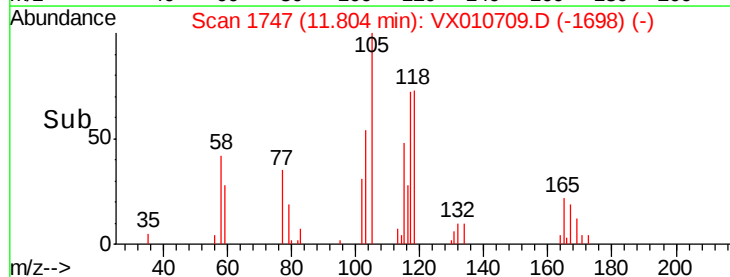
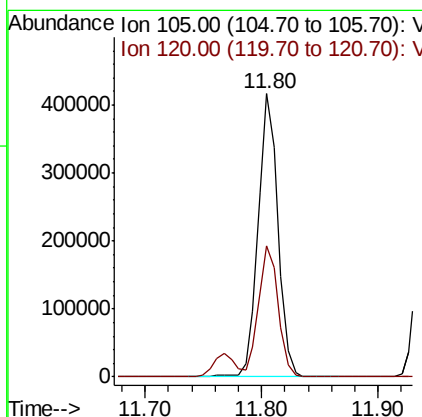
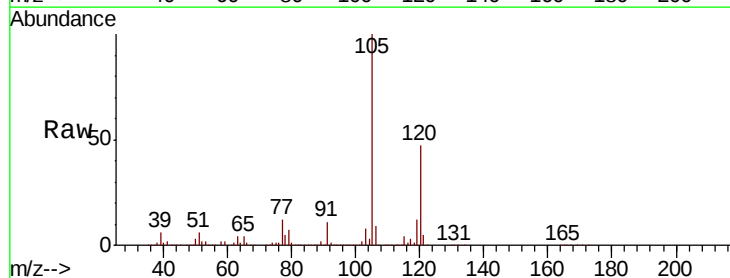
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#84
 1,2,4-Trimethylbenzene
 Concen: 52.347 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX010709.D
 Acq: 08 Jul 2019 20:29

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	492771		
120	45.7	23.1	69.2	





#85

sec-Butylbenzene

Concen: 52.026 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010709.D

Acq: 08 Jul 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 574466

Ion Ratio Lower Upper

105 100

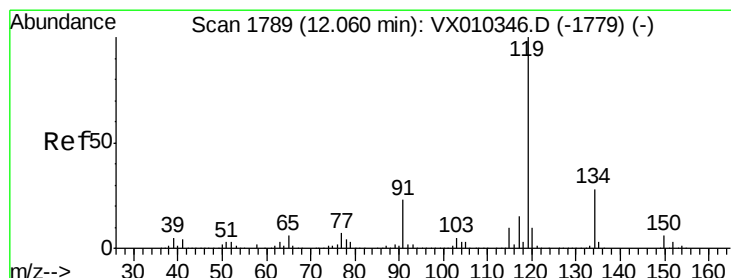
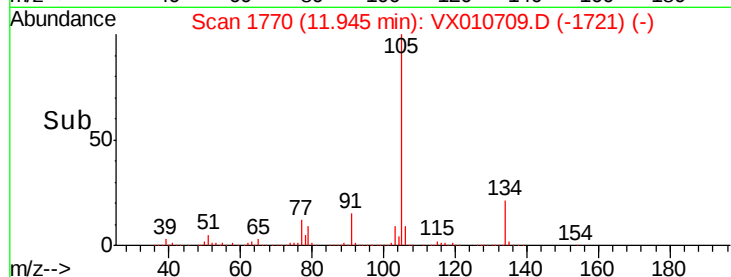
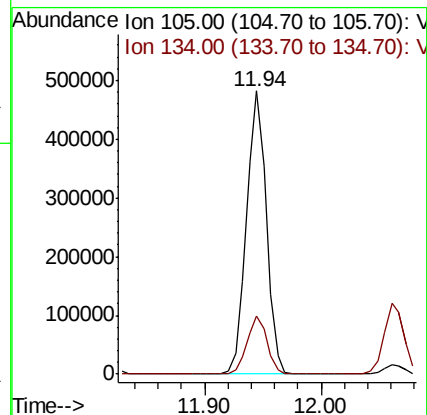
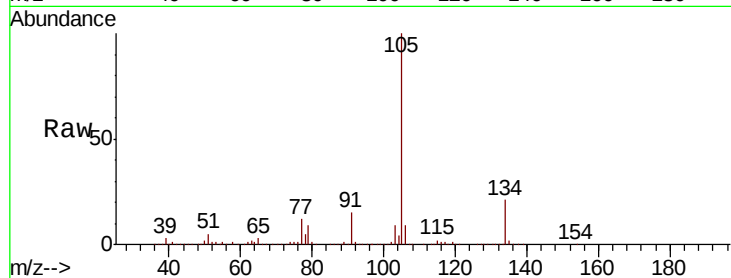
134 20.7 10.7 31.9

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 51.801 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX010709.D

Acq: 08 Jul 2019 20:29

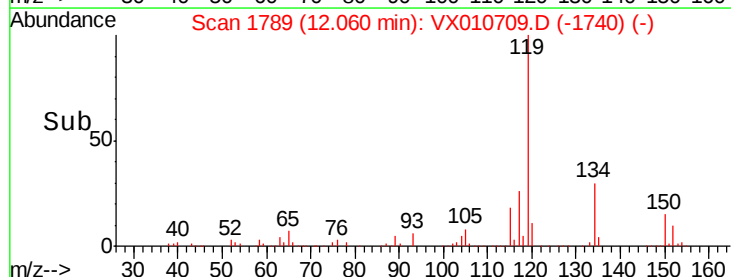
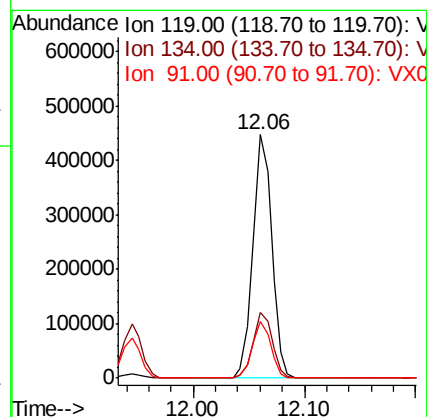
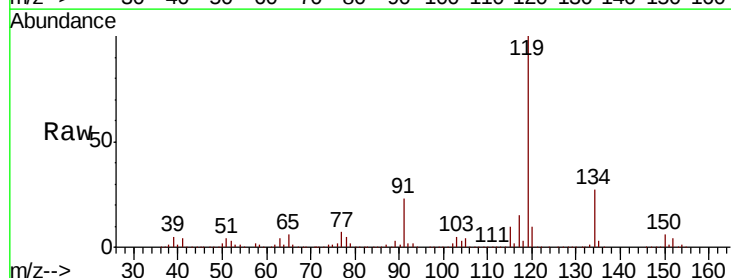
Tgt Ion:119 Resp: 529060

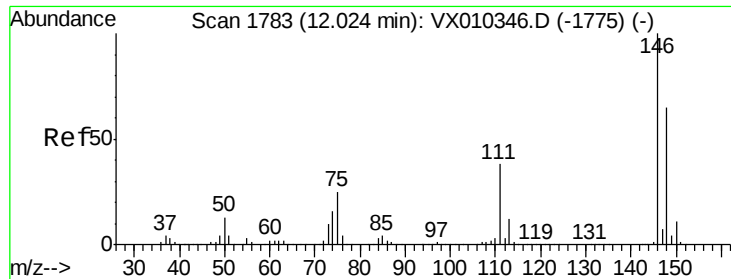
Ion Ratio Lower Upper

119 100

134 27.2 13.7 41.1

91 23.1 11.3 33.8





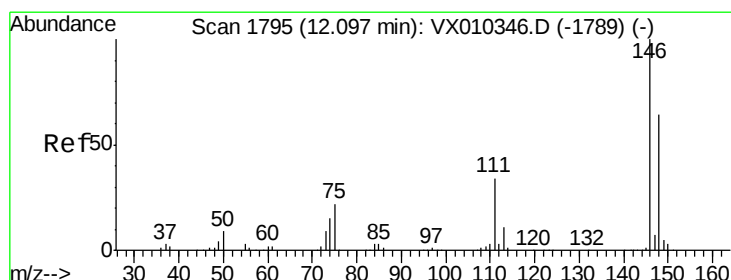
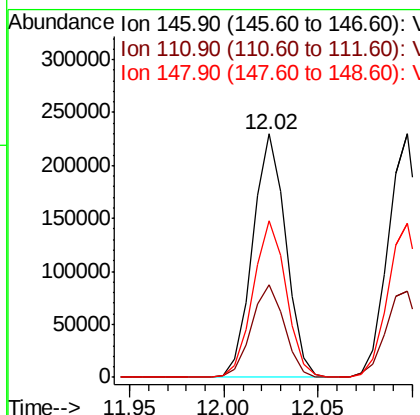
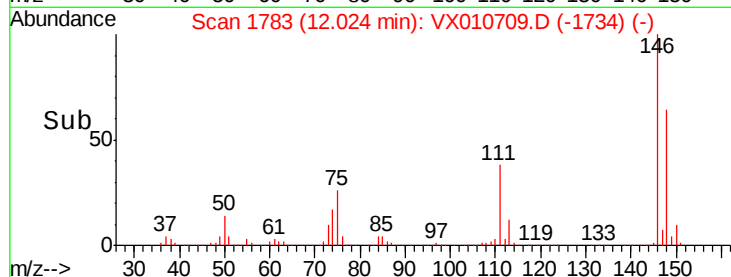
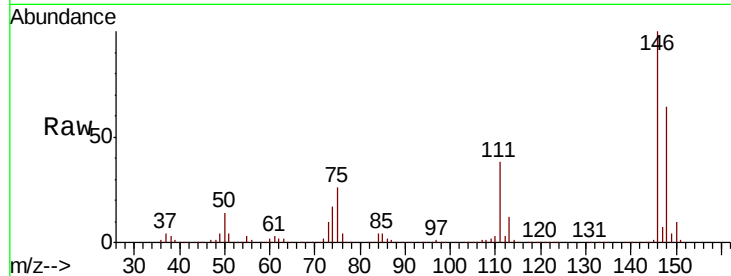
#87
 1,3-Dichlorobenzene
 Concen: 50.595 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX010709.D
 Acq: 08 Jul 2019 20:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.9	19.1	57.1
148	64.0	32.5	97.4

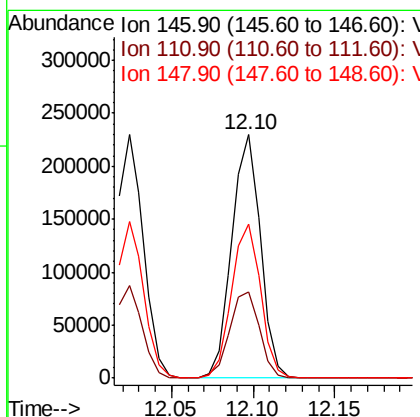
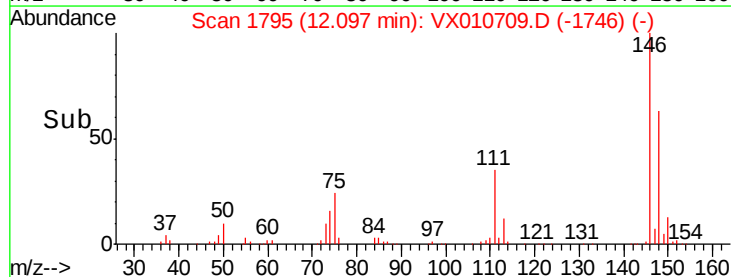
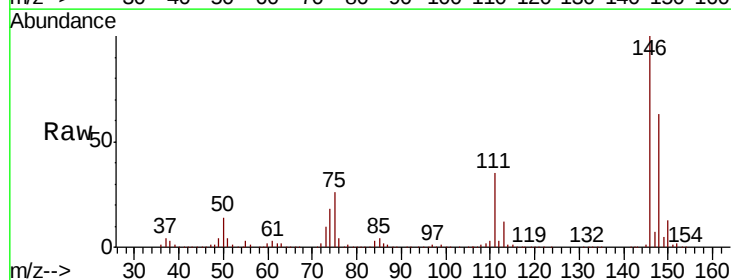
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#88
 1,4-Dichlorobenzene
 Concen: 49.793 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX010709.D
 Acq: 08 Jul 2019 20:29

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.1	54.3
148	64.0	32.1	96.3





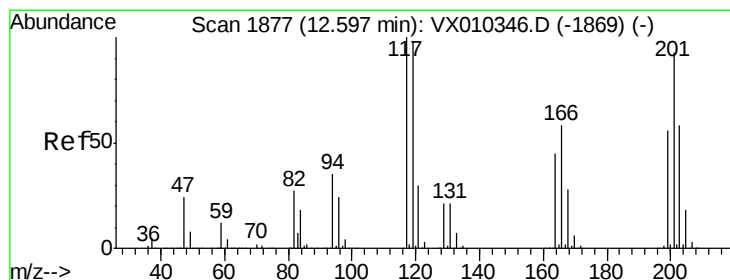
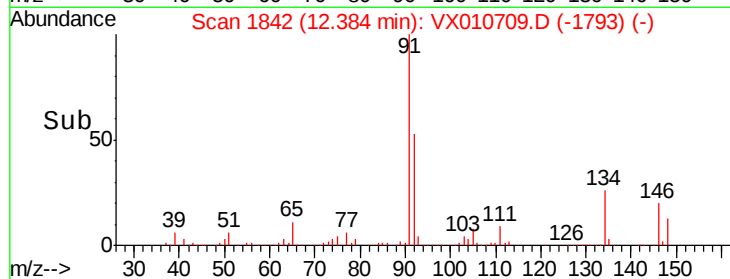
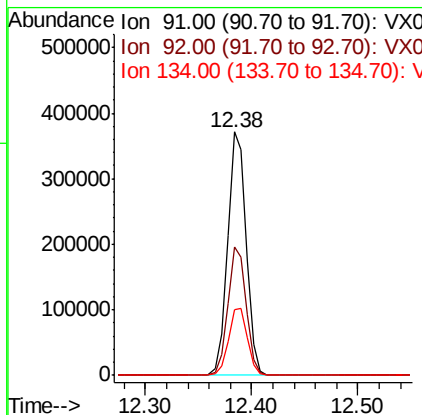
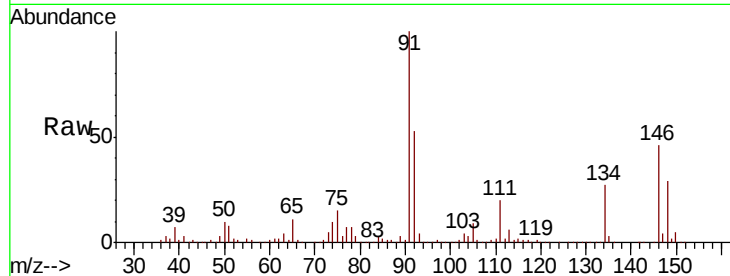
#89
n-Butylbenzene
Concen: 52.204 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX010709.D
Acq: 08 Jul 2019 20:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.4	26.2	78.5
134	28.1	14.1	42.4

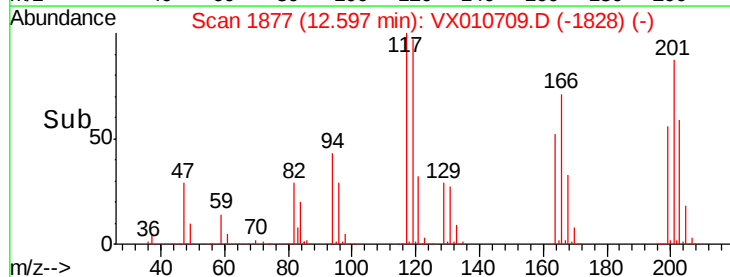
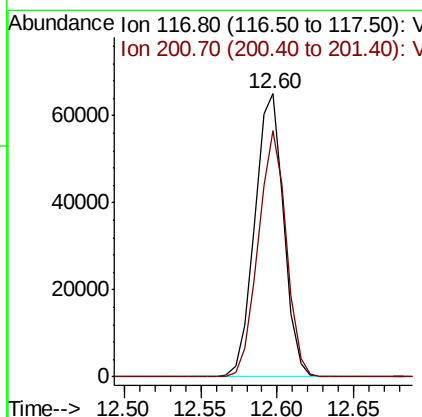
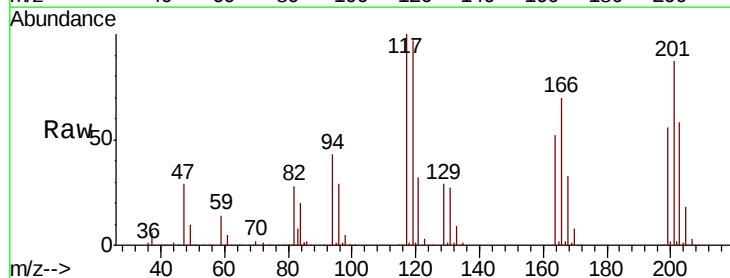
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#90
Hexachloroethane
Concen: 48.406 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX010709.D
Acq: 08 Jul 2019 20:29

Tgt Ion	Ratio	Lower	Upper
117	100		
201	84.6	44.0	131.8





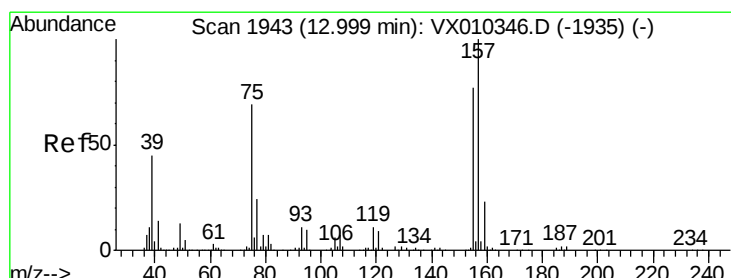
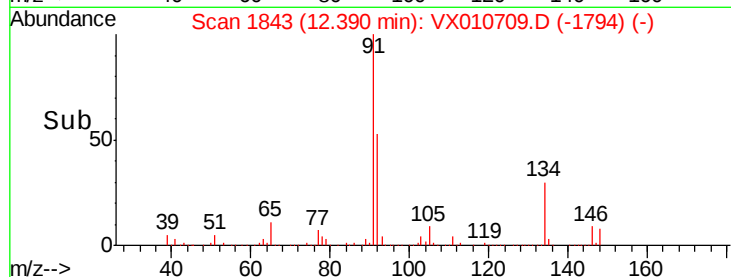
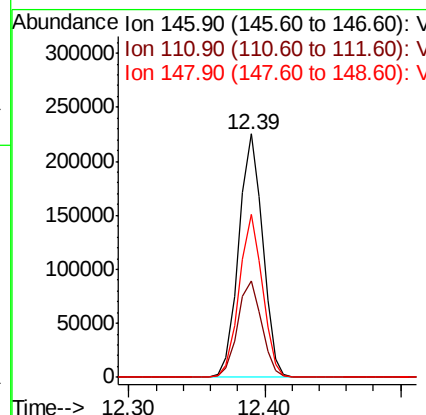
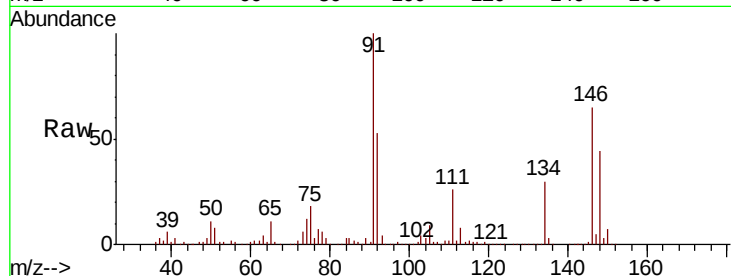
#91
 1,2-Dichlorobenzene
 Concen: 49.947 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX010709.D
 Acq: 08 Jul 2019 20:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	274999		
111	39.9	19.2	57.6	
148	65.5	32.0	96.0	

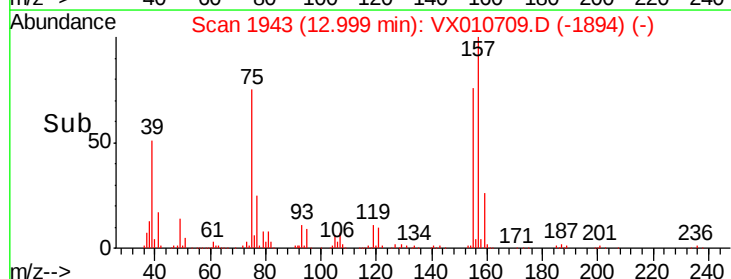
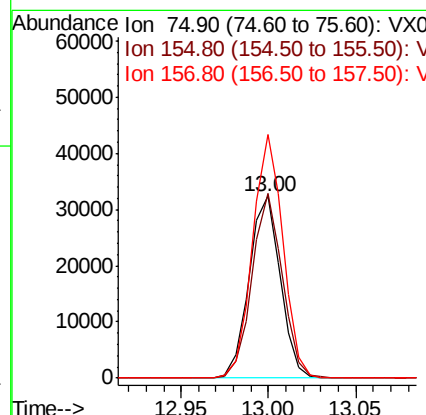
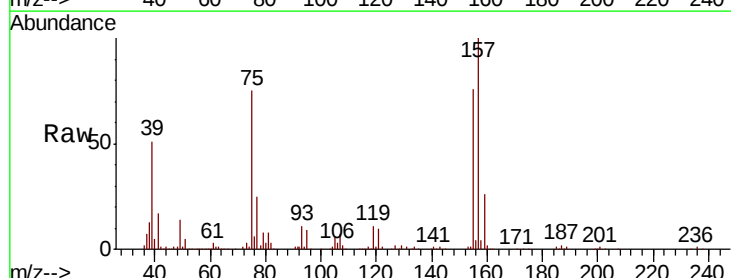
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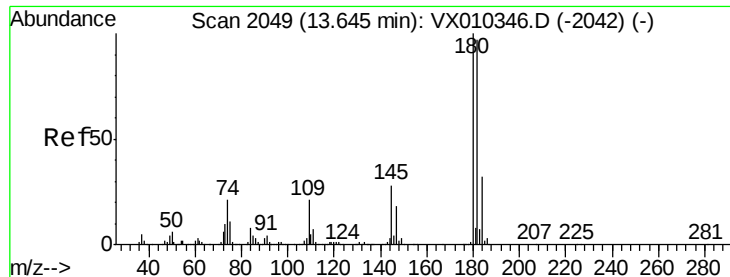
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.902 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX010709.D
 Acq: 08 Jul 2019 20:29

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	40498		
155	98.3	54.4	163.1	
157	130.1	69.5	208.3	





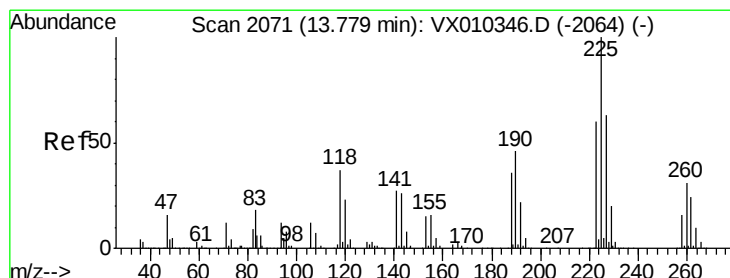
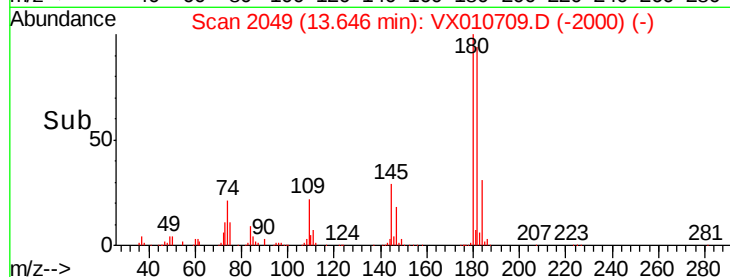
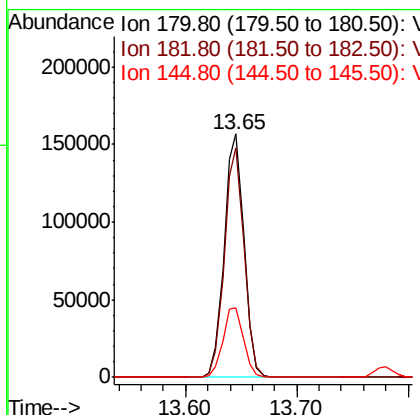
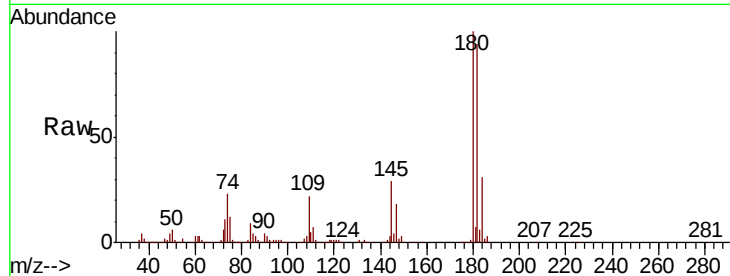
#93
 1,2,4-Trichlorobenzene
 Concen: 50.382 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX010709.D
 Acq: 08 Jul 2019 20:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	93.8	48.0	144.0
145	29.6	14.4	43.4

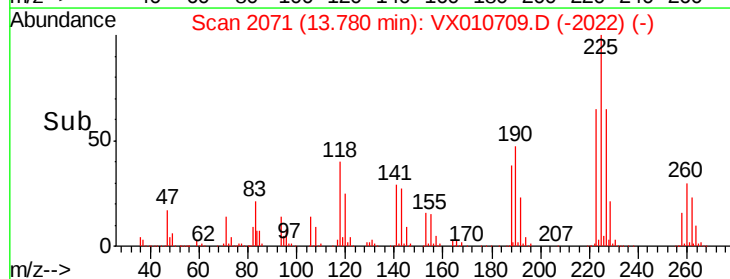
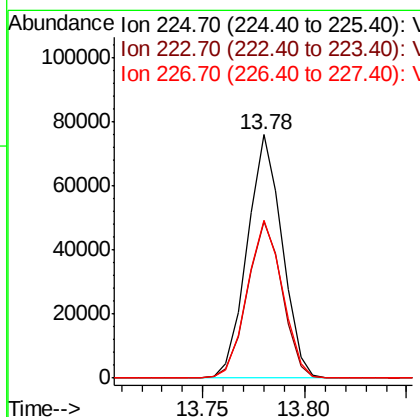
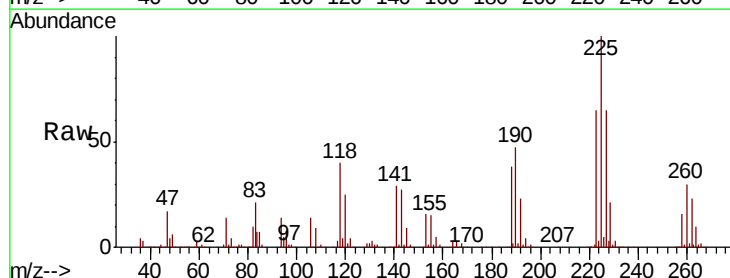
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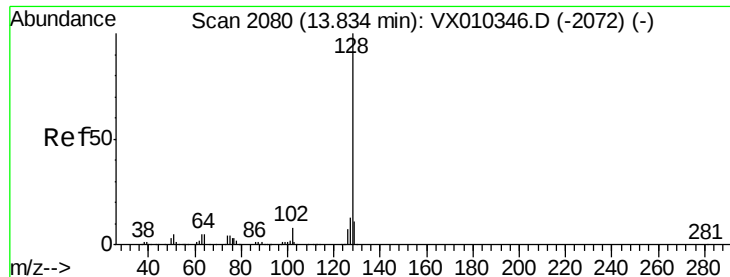
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#94
 Hexachlorobutadiene
 Concen: 48.328 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX010709.D
 Acq: 08 Jul 2019 20:29

Tgt Ion	Ratio	Resp Lower	Resp Upper
225	100		
223	64.3	30.9	92.7
227	65.2	31.9	95.5





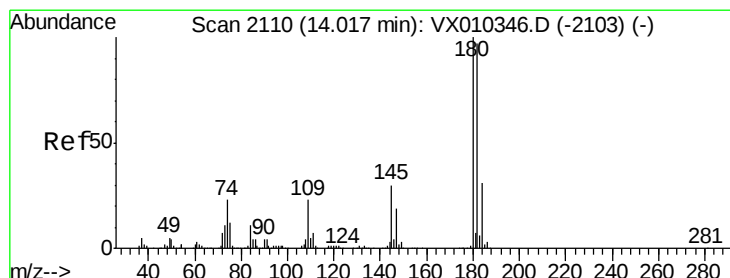
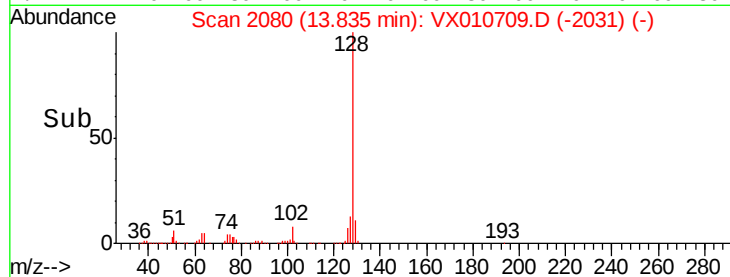
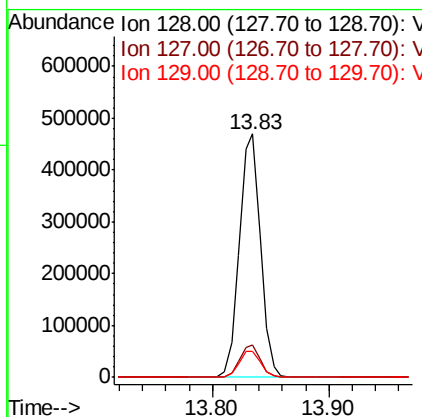
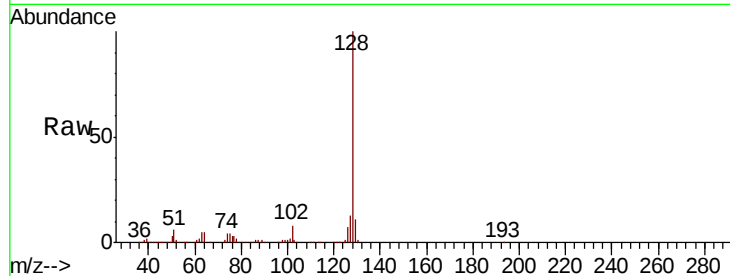
#95
Naphthalene
Concen: 50.572 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX010709.D
Acq: 08 Jul 2019 20:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	593389		
127	12.9		10.2	15.4
129	11.1		8.9	13.3

Manual Integrations
APPROVED

MMDadoda
7/9/2019 11:12:42 AM



#96
1,2,3-Trichlorobenzene
Concen: 49.975 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX010709.D
Acq: 08 Jul 2019 20:29

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	189718		
182	96.0		47.8	143.3
145	31.3		15.2	45.6

