

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040619\
 Data File : VX008734.D
 Acq On : 06 Apr 2019 20:32
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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 4/9/2019 1:37:43 PM

Quant Time: Apr 08 04:45:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	181213	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	306881	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	271938	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	123034	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	127069	48.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.16%	
35) Dibromofluoromethane	5.50	113	93617	47.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.42%	
50) Toluene-d8	8.71	98	373628	47.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.64%	
62) 4-Bromofluorobenzene	11.13	95	131809	47.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	86156	41.304	ug/l	100
3) Chloromethane	1.32	50	122073	47.674	ug/l	100
4) Vinyl Chloride	1.40	62	122925	43.594	ug/l	98
5) Bromomethane	1.64	94	59494	43.101	ug/l	100
6) Chloroethane	1.71	64	76032	49.332	ug/l	98
7) Trichlorofluoromethane	1.92	101	138546	44.448	ug/l	99
8) Diethyl Ether	2.19	74	67624	45.749	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	85002	42.356	ug/l	99
10) Methyl Iodide	2.51	142	84576	46.572	ug/l	99
11) Tert butyl alcohol	3.06	59	147798	238.853	ug/l	100
12) 1,1-Dichloroethene	2.37	96	92084	43.955	ug/l	98
13) Acrolein	2.29	56	120592	393.032	ug/l	100
14) Allyl chloride	2.72	41	215712	44.978	ug/l	98
15) Acrylonitrile	3.15	53	385103	234.925	ug/l	100
16) Acetone	2.45	43	327645	215.224	ug/l	99
17) Carbon Disulfide	2.56	76	262794	43.341	ug/l	100
18) Methyl Acetate	2.78	43	176158	47.712	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	353764	47.284	ug/l	100
20) Methylene Chloride	2.85	84	111619	43.803	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	99588	43.948	ug/l	95
22) Diisopropyl ether	3.86	45	433079	46.851	ug/l	97
23) Vinyl Acetate	3.81	43	1914321	238.057	ug/l	99
24) 1,1-Dichloroethane	3.70	63	210595	46.015	ug/l	99
25) 2-Butanone	4.68	43	572717	238.026	ug/l	100
26) 2,2-Dichloropropane	4.58	77	124056	38.486	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	117338	45.037	ug/l	98
28) Bromochloromethane	5.01	49	103956	54.659	ug/l	100
29) Tetrahydrofuran	5.13	42	381903	239.139	ug/l	99
30) Chloroform	5.21	83	189390	46.331	ug/l	99
31) Cyclohexane	5.58	56	195475	42.804	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	154831	46.872	ug/l	99
36) 1,1-Dichloropropene	5.80	75	144575	43.099	ug/l	100
37) Ethyl Acetate	4.84	43	215081	48.035	ug/l	100
38) Carbon Tetrachloride	5.79	117	125741	45.289	ug/l	99

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Manual Integrations
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Quant Time: Apr 08 04:45:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	167734	40.477	ug/l	99
40) Benzene	6.14	78	452308	45.260	ug/l	99
41) Methacrylonitrile	5.04	41	120617	46.864	ug/l	99
42) 1,2-Dichloroethane	6.20	62	161633	45.115	ug/l	100
43) Isopropyl Acetate	6.45	43	339251	48.367	ug/l	100
44) Trichloroethene	7.21	130	104406	44.857	ug/l	99
45) 1,2-Dichloropropane	7.51	63	129458	45.386	ug/l	100
46) Dibromomethane	7.66	93	73781	44.599	ug/l	100
47) Bromodichloromethane	7.90	83	146073	46.830	ug/l	99
48) Methyl methacrylate	7.77	41	170526	48.061	ug/l	100
49) 1,4-Dioxane	7.74	88	62514	940.541	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	1087842	240.926	ug/l	100
52) Toluene	8.79	92	270147	45.852	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	164521	47.086	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	183314	45.915	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	110810	46.855	ug/l	98
56) Ethyl methacrylate	9.18	69	205850	48.107	ug/l	100
57) 1,3-Dichloropropane	9.37	76	197287	46.457	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	533418	244.135	ug/l	99
59) 2-Hexanone	9.49	43	820458	233.814	ug/l	100
60) Dibromochloromethane	9.58	129	107218	48.111	ug/l	97
61) 1,2-Dibromoethane	9.67	107	113554	46.122	ug/l	97
64) Tetrachloroethene	9.34	164	91652	45.490	ug/l	98
65) Chlorobenzene	10.14	112	274181	45.485	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	99255	46.935	ug/l	99
67) Ethyl Benzene	10.25	91	512538	45.598	ug/l	100
68) m/p-Xylenes	10.36	106	368130	91.088	ug/l	99
69) o-Xylene	10.69	106	180554	46.099	ug/l	99
70) Styrene	10.71	104	316275	46.846	ug/l	99
71) Bromoform	10.85	173	78087	48.347	ug/l #	98
73) Isopropylbenzene	11.02	105	476616	46.744	ug/l	100
74) N-amyl acetate	10.90	43	283215	47.212	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	175165	45.172	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	152589m	45.147	ug/l	
77) Bromobenzene	11.26	156	114024	46.518	ug/l	98
78) n-propylbenzene	11.36	91	547800	46.142	ug/l	100
79) 2-Chlorotoluene	11.42	91	329527	45.866	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	398868	46.603	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	56451	46.040	ug/l	98
82) 4-Chlorotoluene	11.51	91	372237	44.760	ug/l	99
83) tert-Butylbenzene	11.77	119	379138	46.044	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	401184	46.292	ug/l	100
85) sec-Butylbenzene	11.94	105	450103	46.019	ug/l	100
86) p-Isopropyltoluene	12.06	119	409214	46.614	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	195979	44.661	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	196795	44.288	ug/l	99
89) n-Butylbenzene	12.38	91	371279	45.097	ug/l	100
90) Hexachloroethane	12.60	117	69063	47.432	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	197462	45.322	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	39884	46.755	ug/l	100

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ClientSampleId :
VSTDCCC050EC

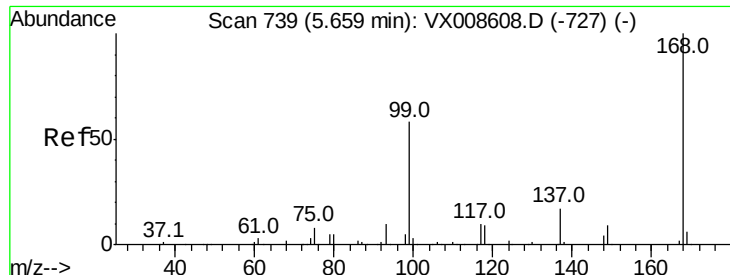
Manual Integrations
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4/9/2019 1:37:43 PM

Quant Time: Apr 08 04:45:32 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 04 04:47:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	135516	44.735	ug/l	99
94) Hexachlorobutadiene	13.78	225	64390	44.321	ug/l	99
95) Naphthalene	13.83	128	475584	46.973	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	136907	45.233	ug/l	99

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



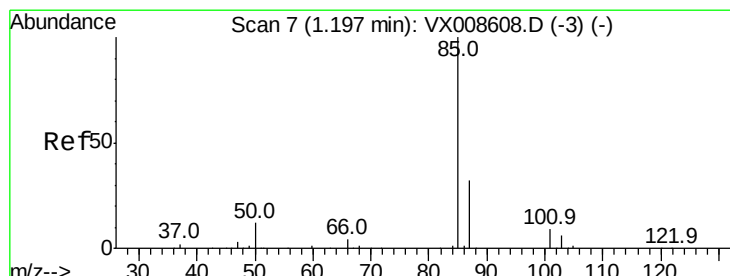
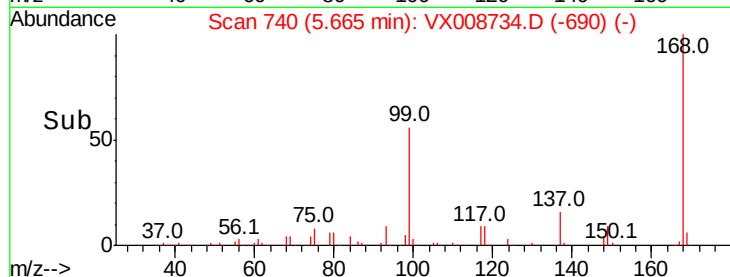
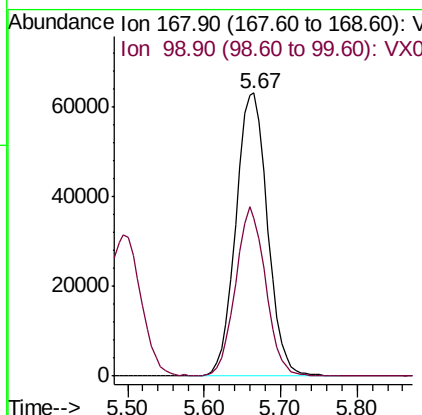
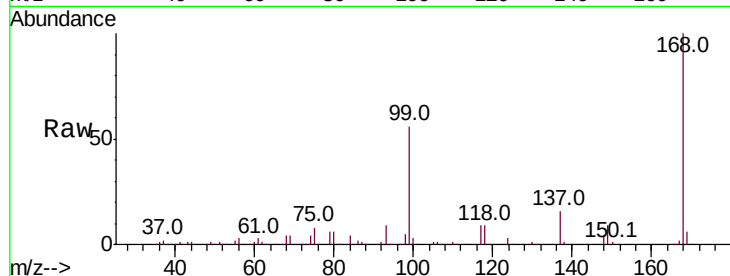
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX008734.D
Acq: 06 Apr 2019 20:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
168	100		
99	55.6	46.7	70.1

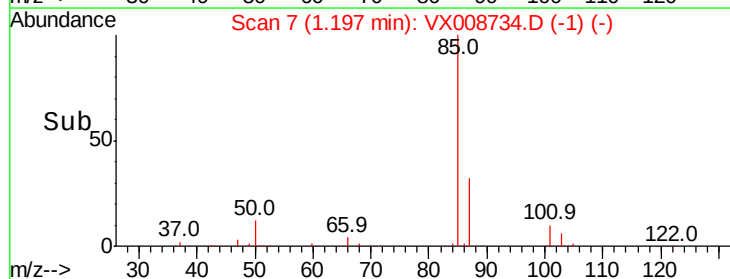
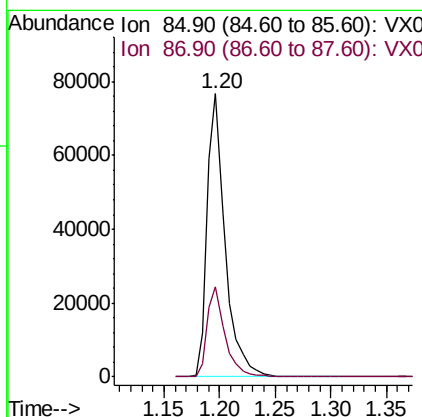
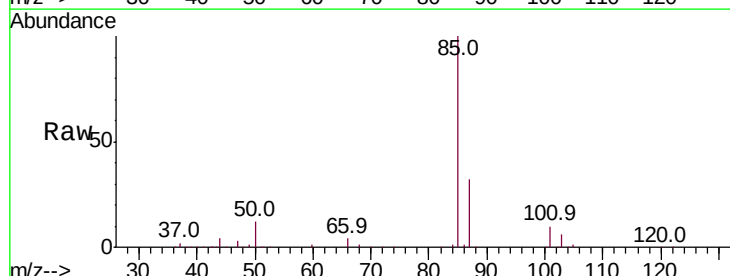
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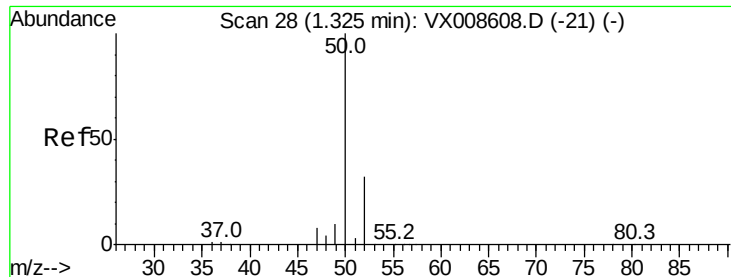
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#2
Dichlorodifluoromethane
Concen: 41.304 ug/l
RT: 1.20 min Scan# 7
Delta R.T. 0.00 min
Lab File: VX008734.D
Acq: 06 Apr 2019 20:32

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.8	15.8	47.3





#3

Chloromethane

Concen: 47.674 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008734.D

Acq: 06 Apr 2019 20:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 122073

Ion Ratio Lower Upper

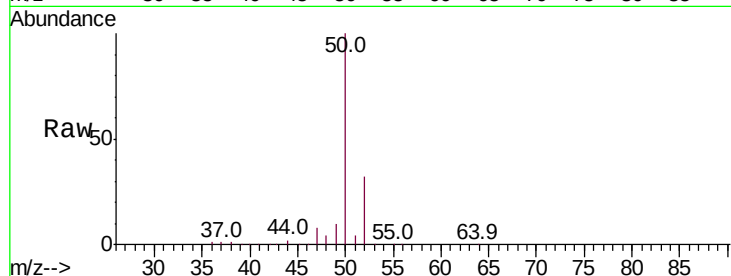
50 100

52 32.3 25.8 38.8

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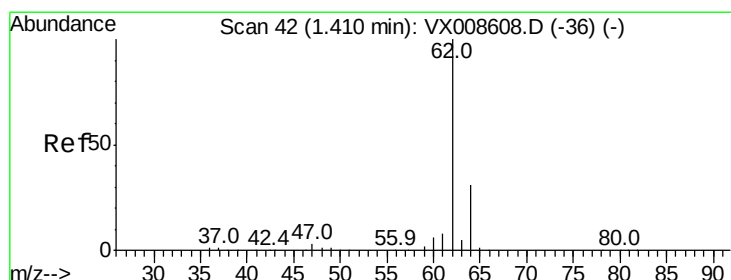
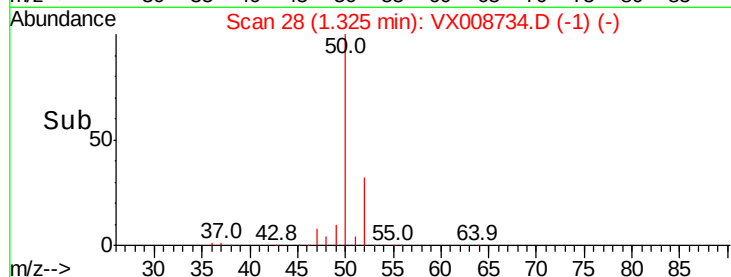
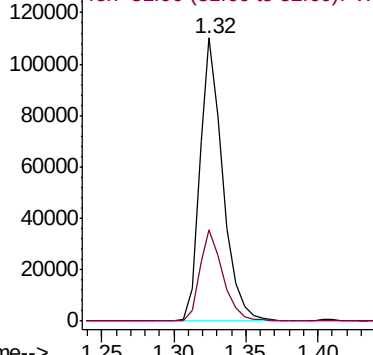
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 43.594 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX008734.D

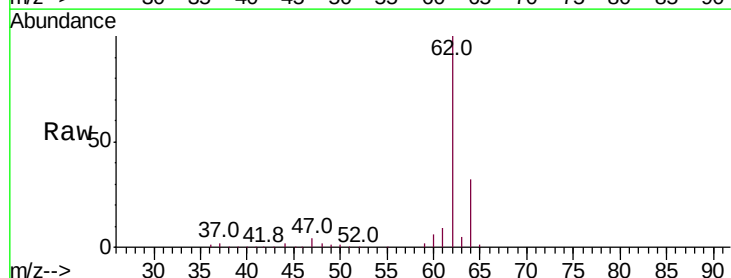
Acq: 06 Apr 2019 20:32

Tgt Ion: 62 Resp: 122925

Ion Ratio Lower Upper

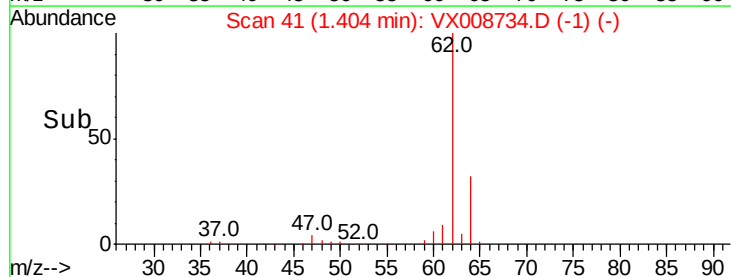
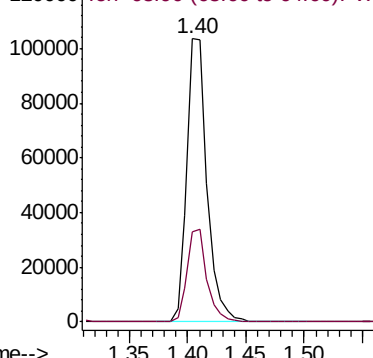
62 100

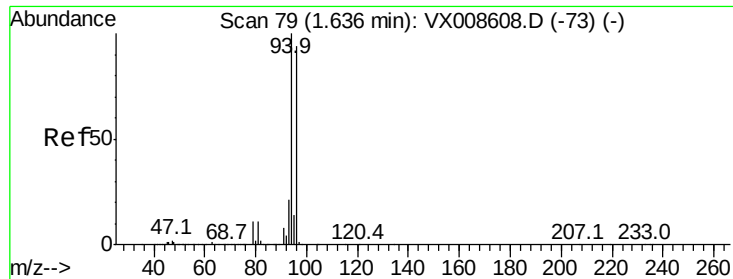
64 31.9 24.7 37.1



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 43.101 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008734.D

Acq: 06 Apr 2019 20:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 59494

Ion Ratio Lower Upper

94 100

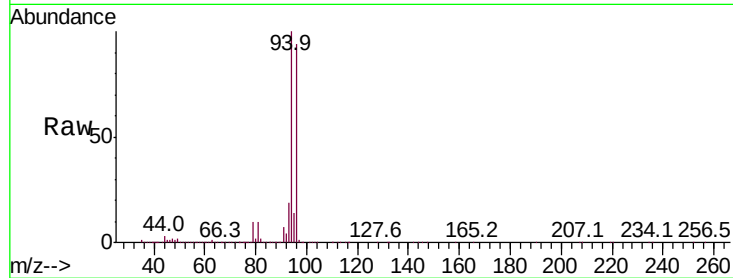
96 94.0 75.2 112.8

Manual Integrations

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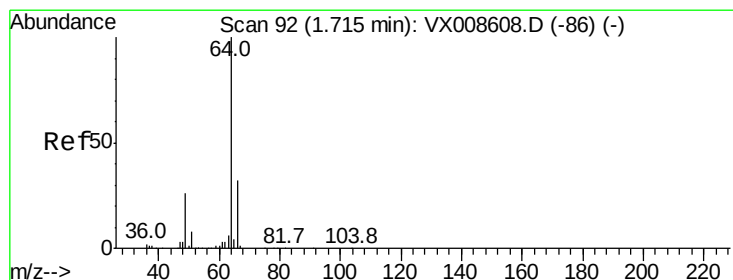
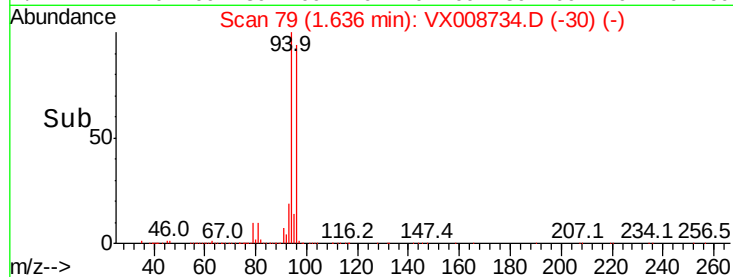
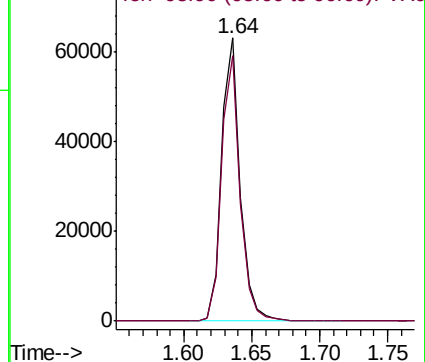
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 49.332 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX008734.D

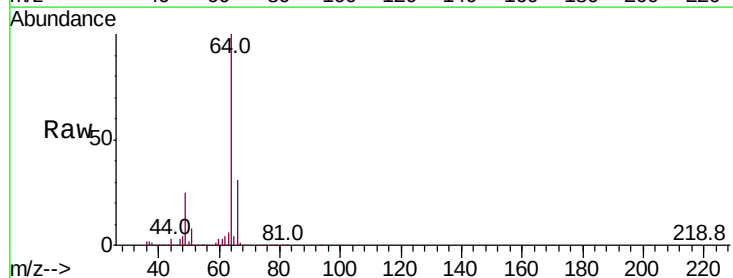
Acq: 06 Apr 2019 20:32

Tgt Ion: 64 Resp: 76032

Ion Ratio Lower Upper

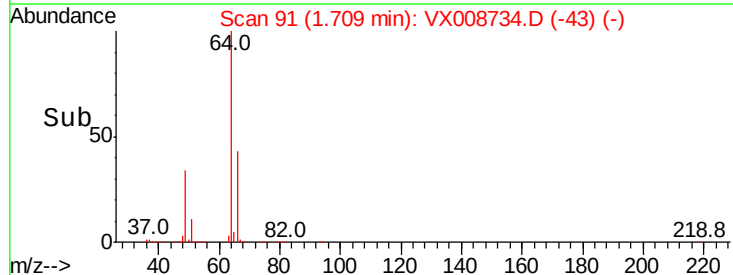
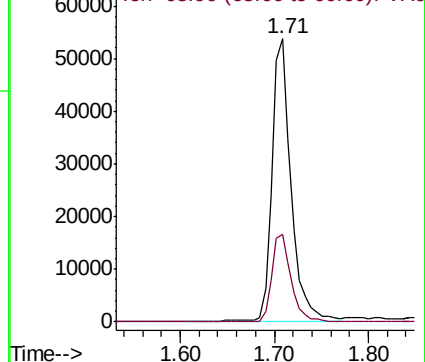
64 100

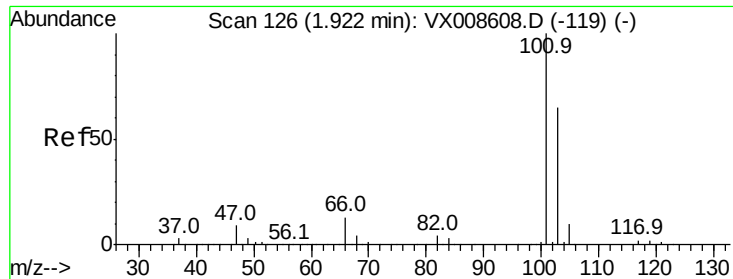
66 30.7 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

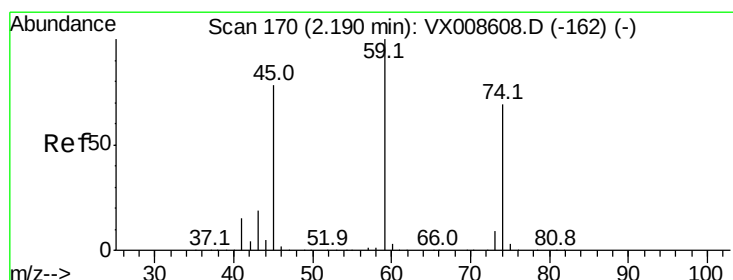
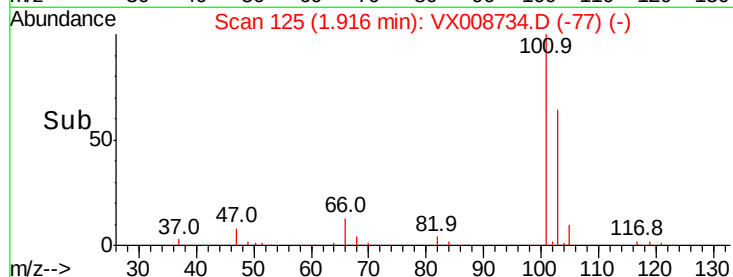
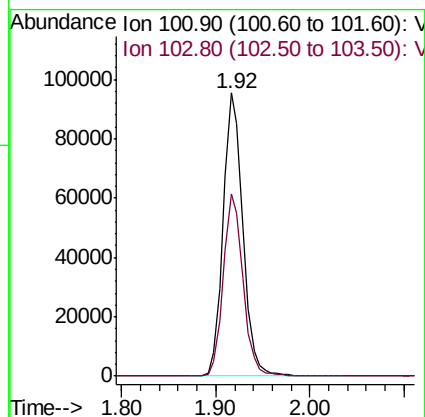
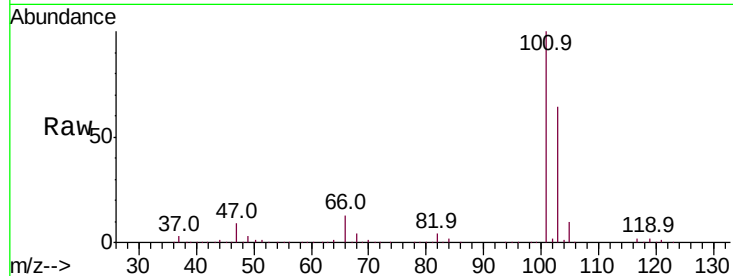
Trichlorofluoromethane
Concen: 44.448 ug/l
RT: 1.92 min Scan# 125
Delta R.T. -0.01 min
Lab File: VX008734.D
Acq: 06 Apr 2019 20:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:101 Resp: 138546
Ion Ratio Lower Upper
101 100
103 64.3 52.3 78.5

Manual Integrations
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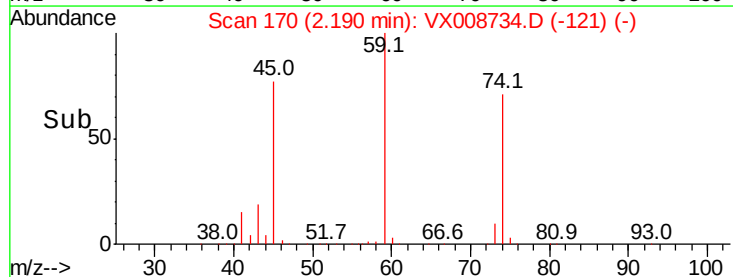
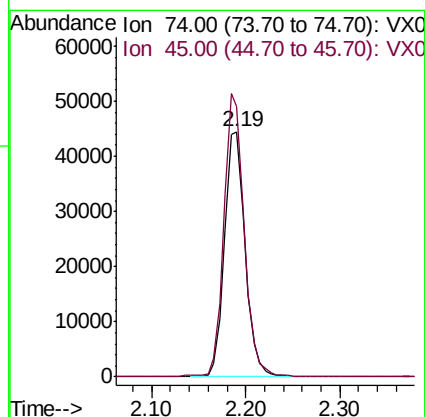
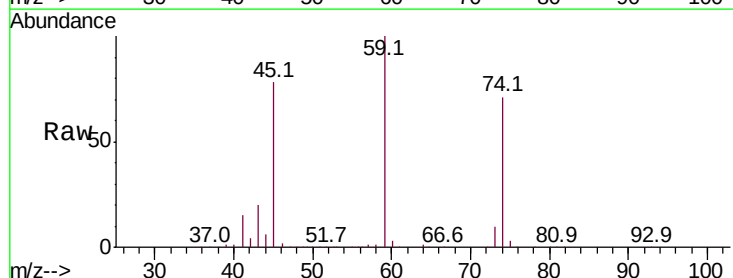
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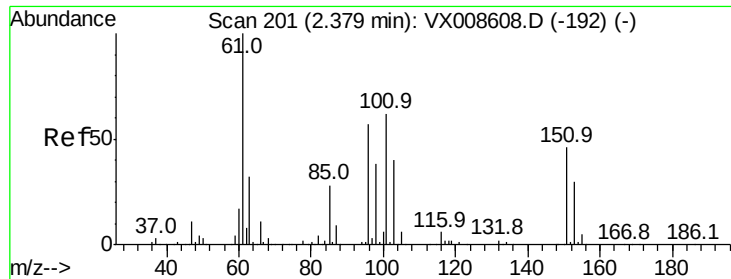


#8

Diethyl Ether
Concen: 45.749 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX008734.D
Acq: 06 Apr 2019 20:32

Tgt Ion: 74 Resp: 67624
Ion Ratio Lower Upper
74 100
45 113.1 56.5 169.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 42.356 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.01 min

Lab File: VX008734.D

Acq: 06 Apr 2019 20:32

Instrument :

MSVOA_X

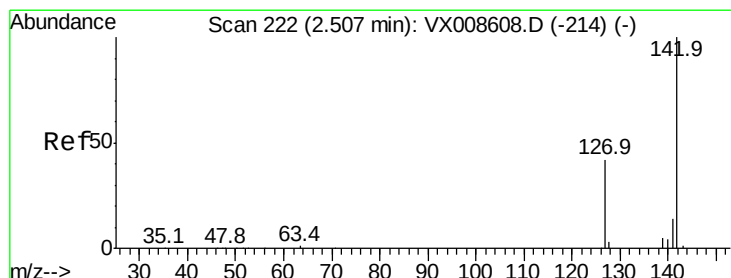
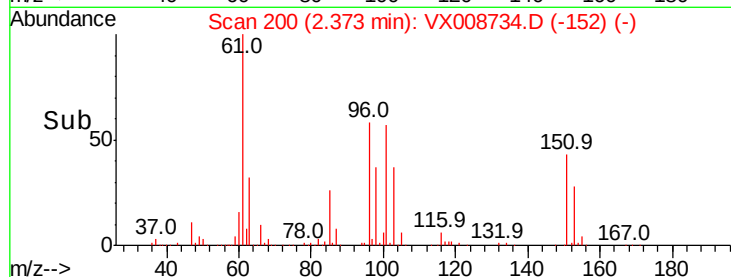
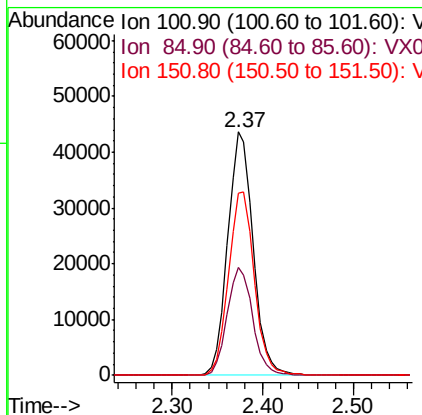
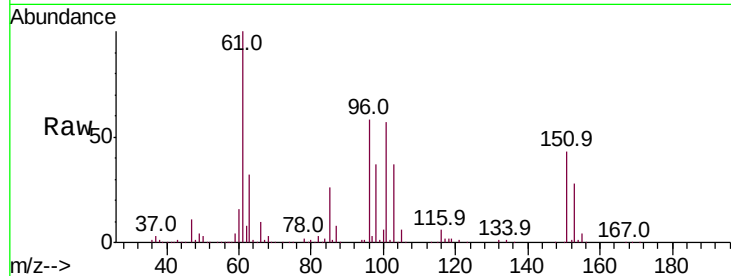
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	85002
Ion Ratio	Lower	Upper	
101	100		
85	44.4	36.0	54.0
151	76.3	59.9	89.9

Manual Integrations
APPROVED

MMDadoda
4/9/2019 1:37:43 PM



#10

Methyl Iodide

Concen: 46.572 ug/l

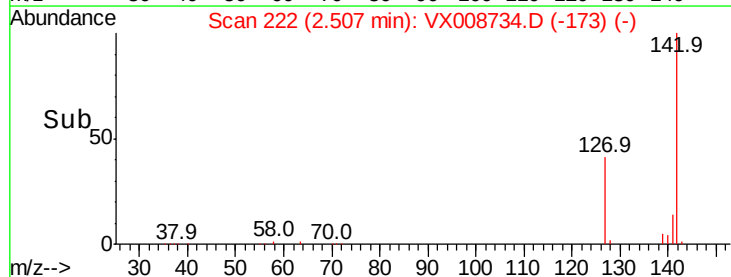
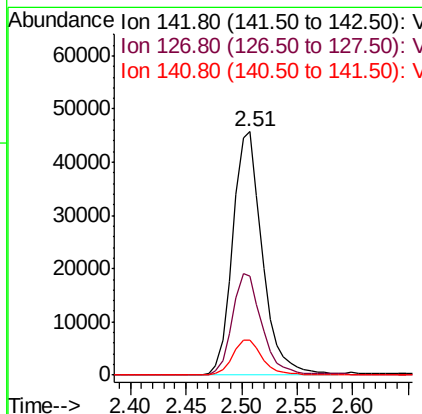
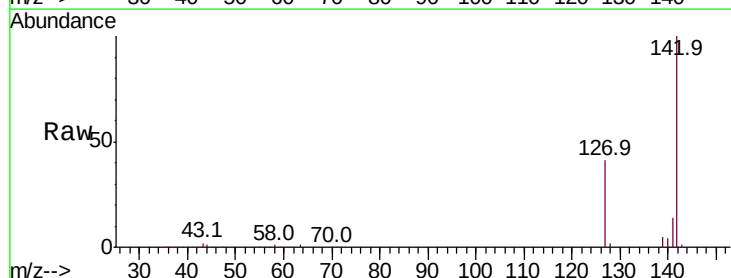
RT: 2.51 min Scan# 222

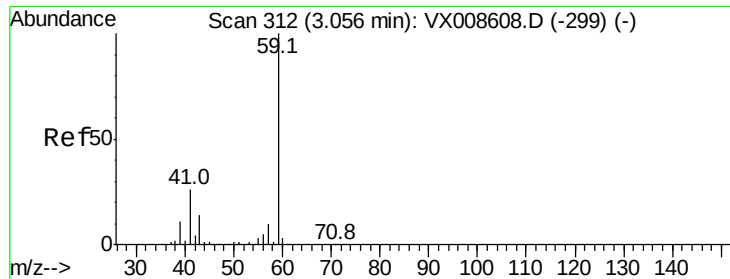
Delta R.T. 0.00 min

Lab File: VX008734.D

Acq: 06 Apr 2019 20:32

Tgt Ion:	142	Resp:	84576
Ion Ratio	Lower	Upper	
142	100		
127	42.1	33.0	49.6
141	14.6	11.4	17.2





#11

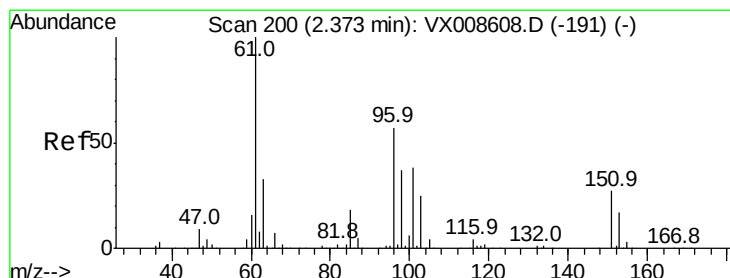
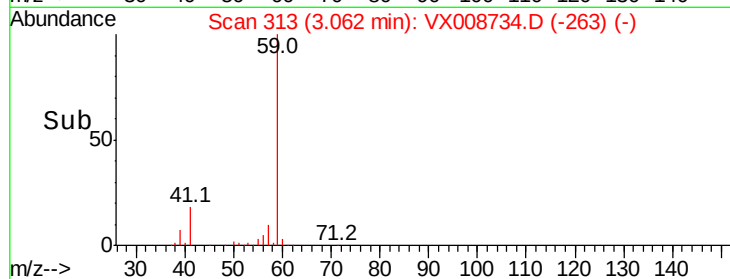
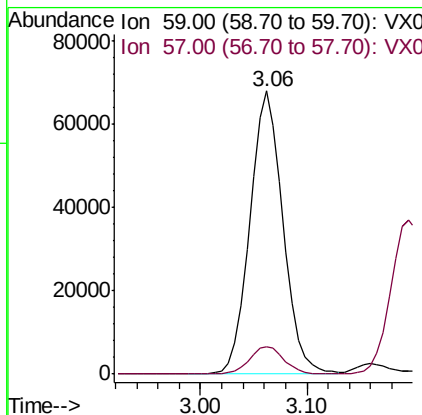
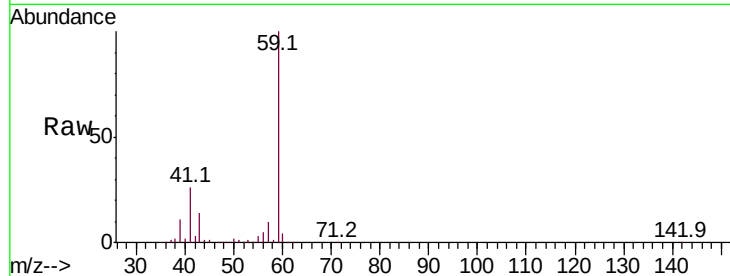
Tert butyl alcohol
Concen: 238.853 ug/l
RT: 3.06 min Scan# 313
Delta R.T. 0.01 min
Lab File: VX008734.D
Acq: 06 Apr 2019 20:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	59	Resp	147798
Ion Ratio	100	Lower	Upper
57	10.3	8.3	12.5

Manual Integrations
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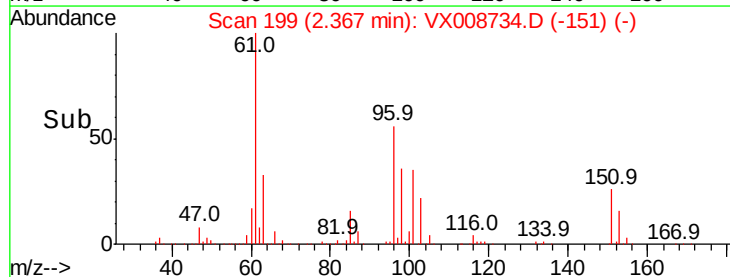
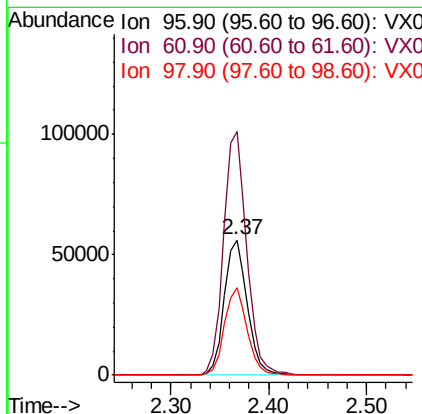
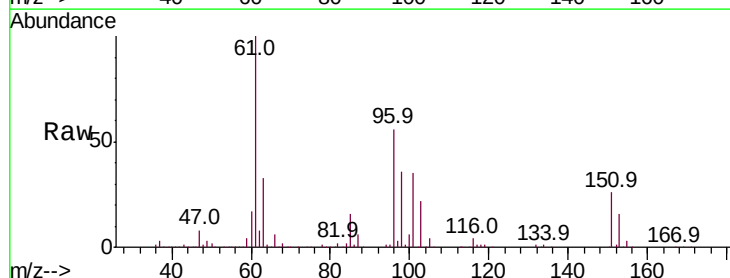
MMDadoda
4/9/2019 1:37:43 PM

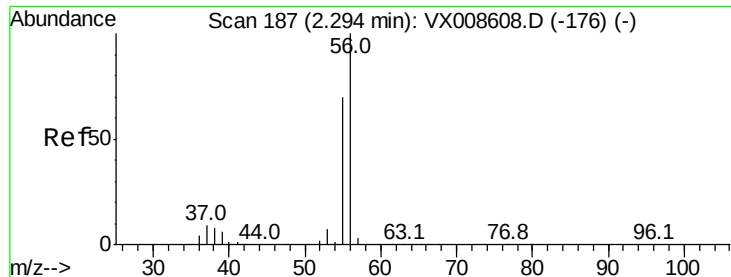


#12

1,1-Dichloroethene
Concen: 43.955 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.01 min
Lab File: VX008734.D
Acq: 06 Apr 2019 20:32

Tgt Ion	96	Resp	92084
Ion Ratio	100	Lower	Upper
61	180.1	140.9	211.3
98	64.5	52.1	78.1





#13

Acrolein

Concen: 393.032 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX008734.D

Acq: 06 Apr 2019 20:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 120592

Ion Ratio Lower Upper

56 100

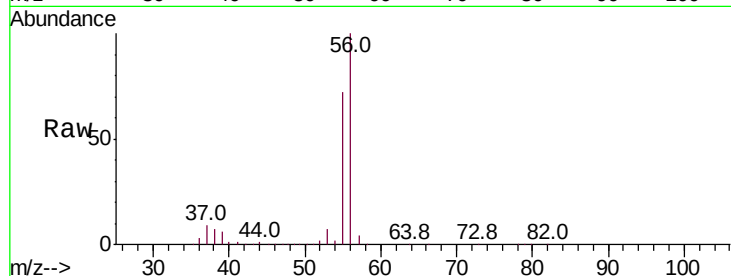
55 72.3 58.0 87.0

Manual Integrations

APPROVED

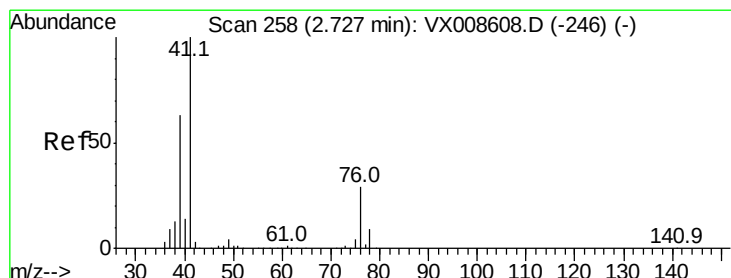
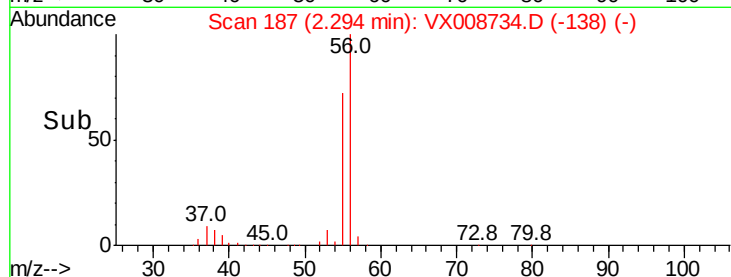
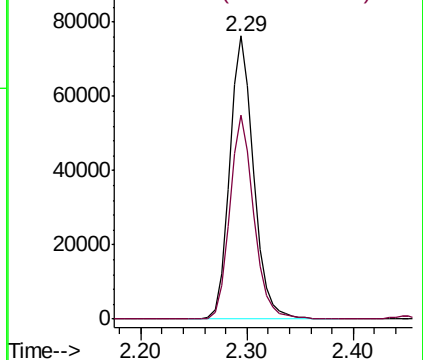
MMDadoda

4/9/2019 1:37:43 PM



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 44.978 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.01 min

Lab File: VX008734.D

Acq: 06 Apr 2019 20:32

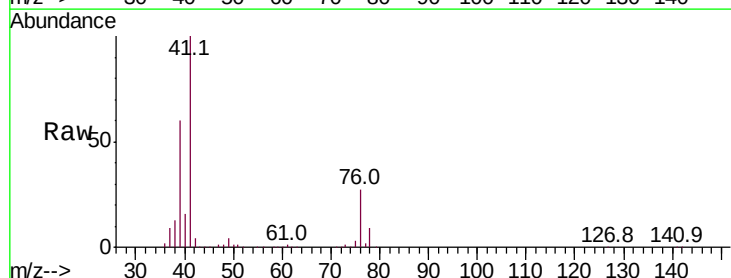
Tgt Ion: 41 Resp: 215712

Ion Ratio Lower Upper

41 100

39 58.4 48.0 72.0

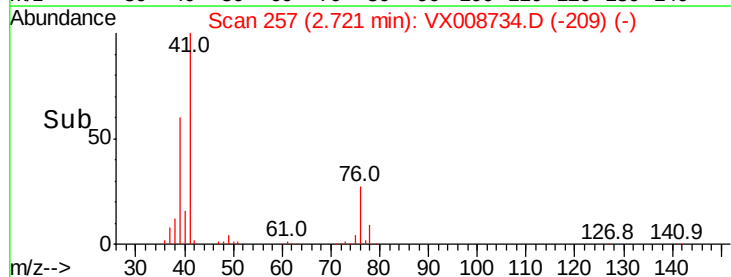
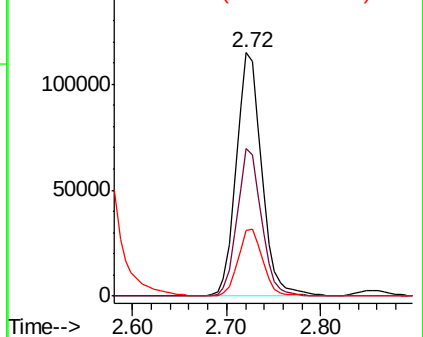
76 26.7 22.0 33.0

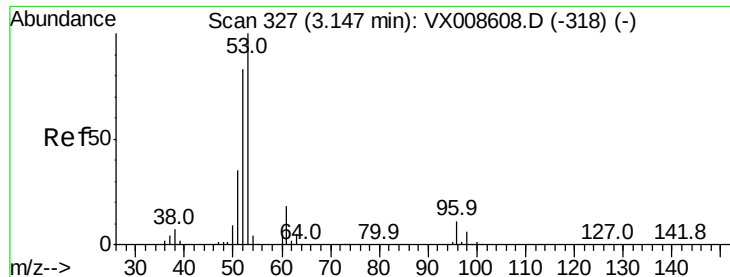


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 234.925 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.00 min

Lab File: VX008734.D

Acq: 06 Apr 2019 20:32

Instrument :

MSVOA_X

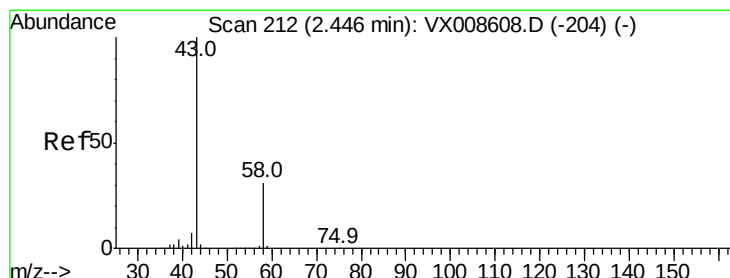
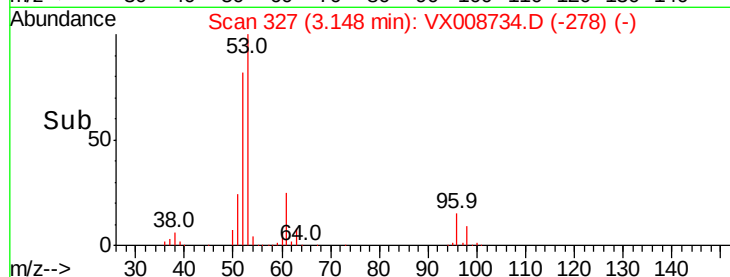
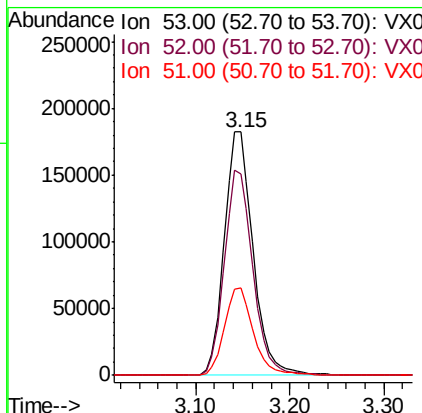
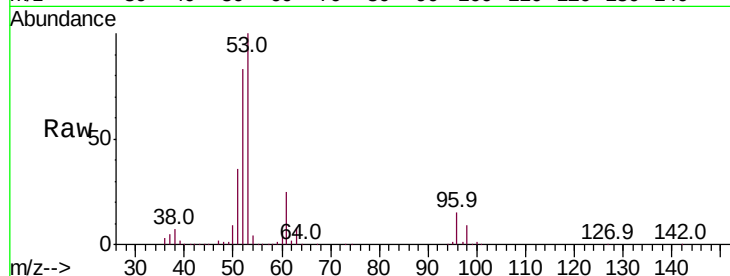
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	385103
Ion Ratio	Lower	Upper	
53	100		
52	83.6	66.5	99.7
51	35.9	28.6	42.8

Manual Integrations
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#16

Acetone

Concen: 215.224 ug/l

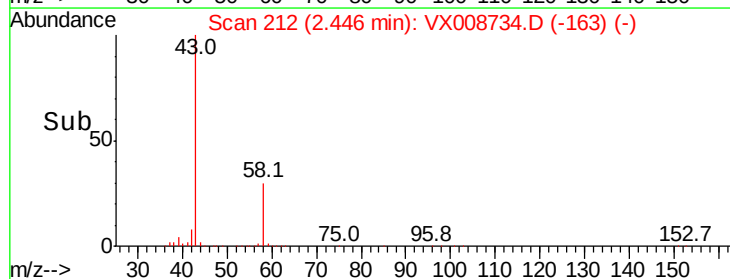
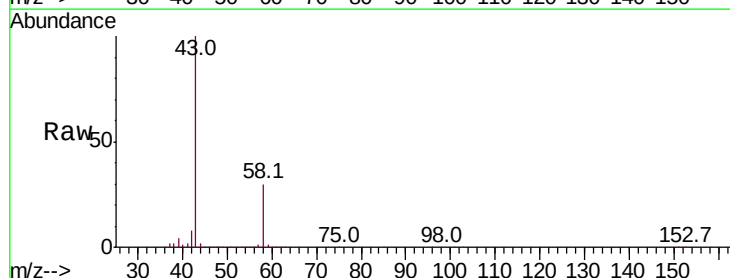
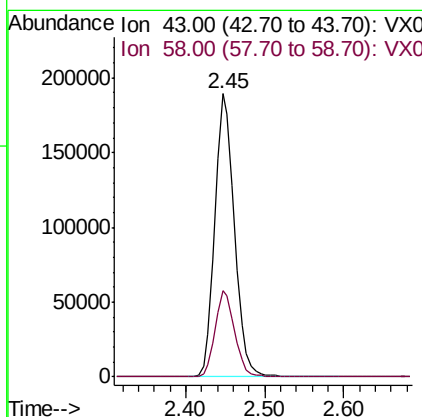
RT: 2.45 min Scan# 212

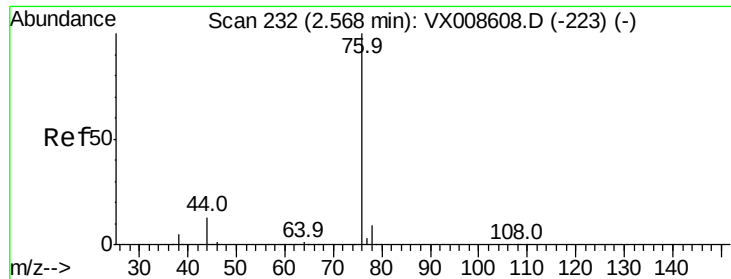
Delta R.T. 0.00 min

Lab File: VX008734.D

Acq: 06 Apr 2019 20:32

Tgt Ion:	43	Resp:	327645
Ion Ratio	Lower	Upper	
43	100		
58	30.3	24.8	37.2





#17

Carbon Disulfide

Concen: 43.341 ug/l

RT: 2.56 min Scan# 231

Delta R.T. -0.01 min

Lab File: VX008734.D

Acq: 06 Apr 2019 20:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 262794

Ion Ratio Lower Upper

76 100

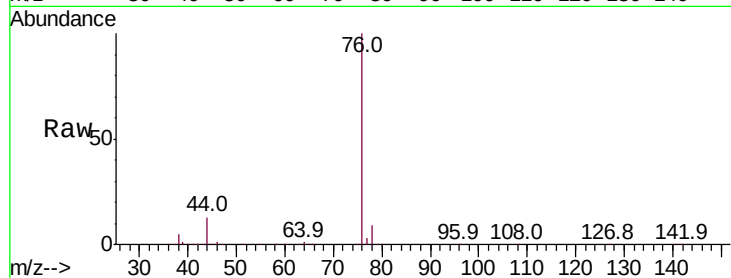
78 8.8 7.1 10.7

Manual Integrations

APPROVED

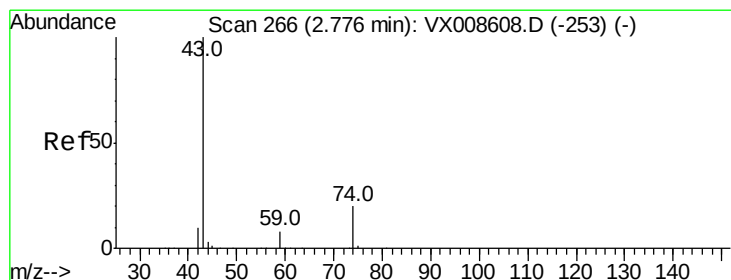
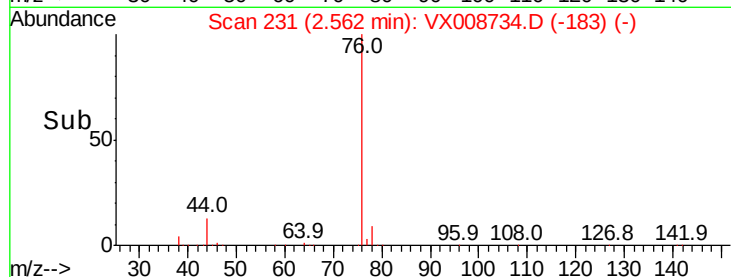
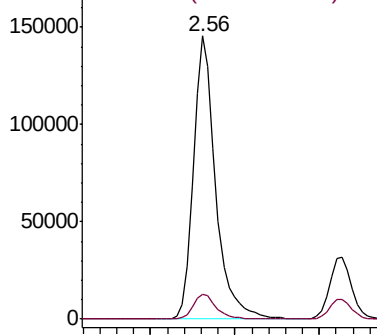
MMDadoda

4/9/2019 1:37:43 PM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 47.712 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX008734.D

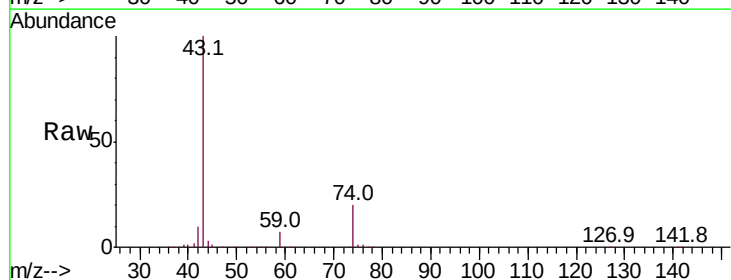
Acq: 06 Apr 2019 20:32

Tgt Ion: 43 Resp: 176158

Ion Ratio Lower Upper

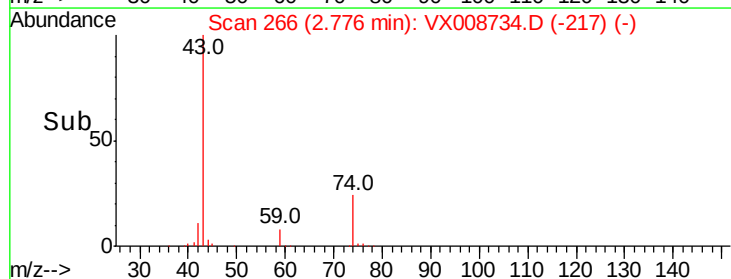
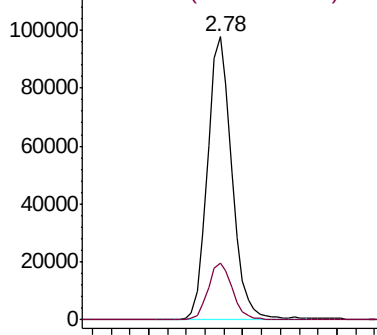
43 100

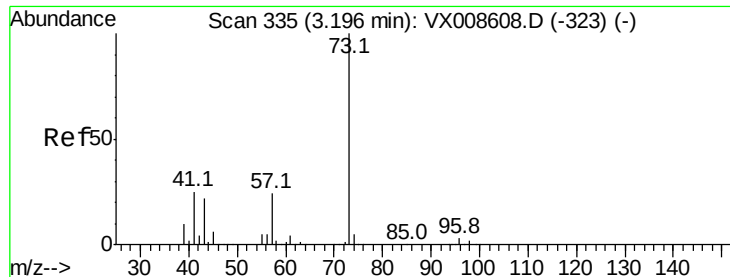
74 20.2 16.5 24.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





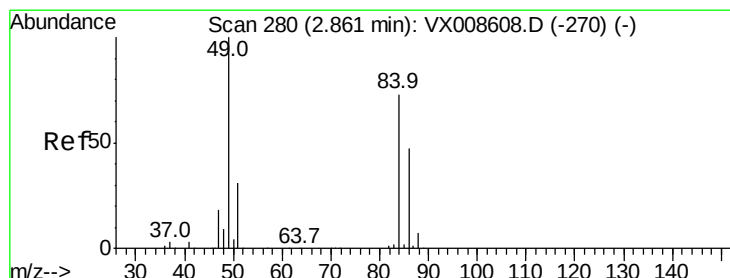
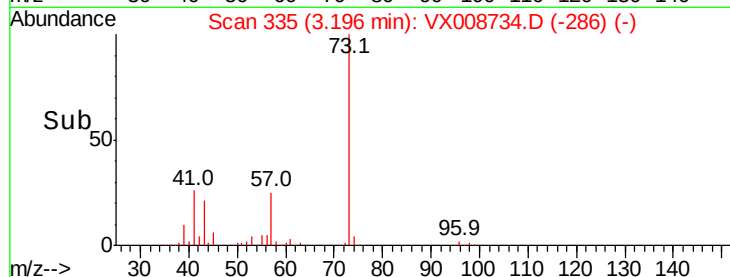
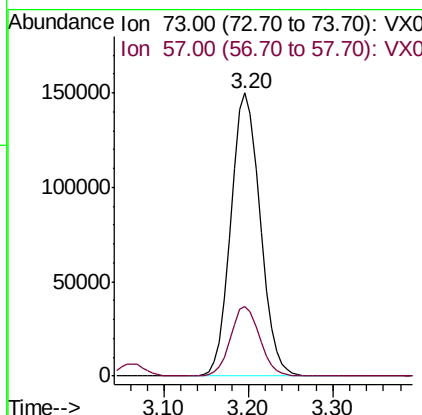
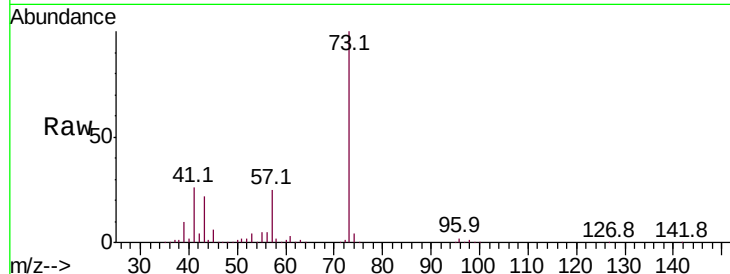
#19
Methyl tert-butyl Ether
Concen: 47.284 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX008734.D
Acq: 06 Apr 2019 20:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	24.6	19.5	29.3

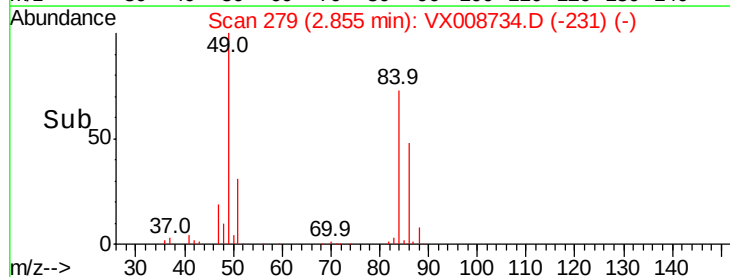
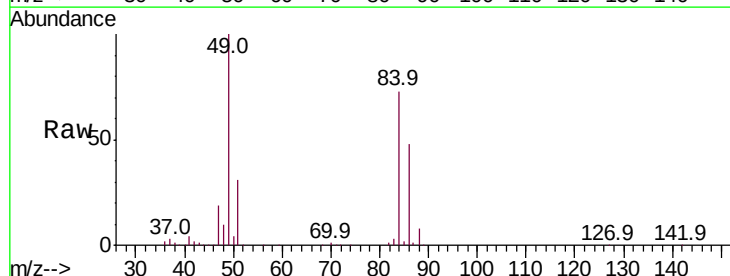
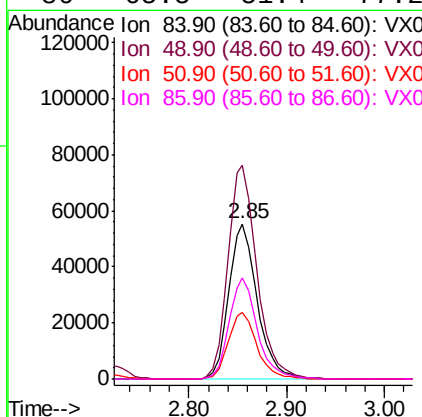
Manual Integrations
APPROVED

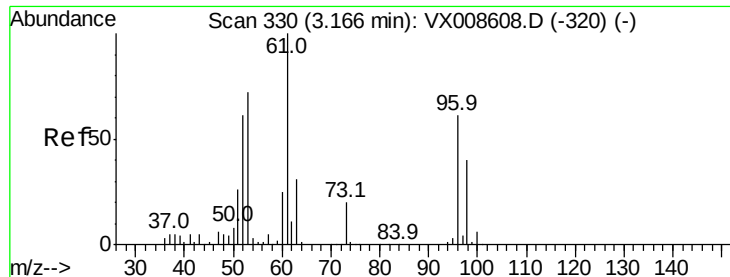
MMDadoda
4/9/2019 1:37:43 PM



#20
Methylene Chloride
Concen: 43.803 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX008734.D
Acq: 06 Apr 2019 20:32

Tgt Ion	Ratio	Lower	Upper
84	100		
49	137.7	109.7	164.5
51	43.2	33.6	50.4
86	65.5	51.4	77.2





#21

trans-1,2-Dichloroethene

Concen: 43.948 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX008734.D

Acq: 06 Apr 2019 20:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 99588

Ion Ratio Lower Upper

96 100

61 156.8 132.1 198.1

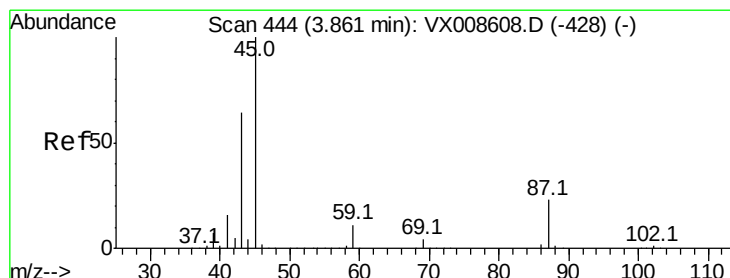
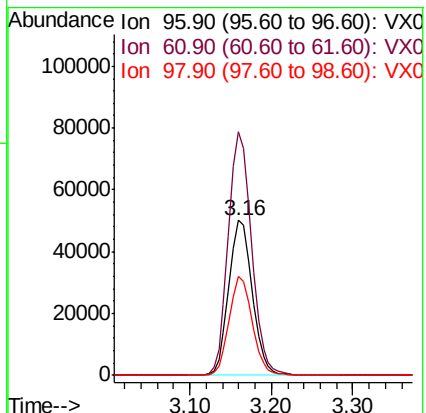
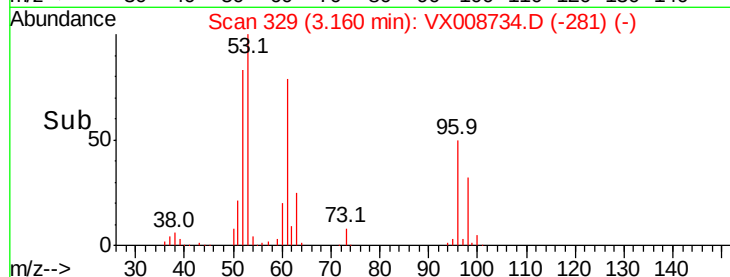
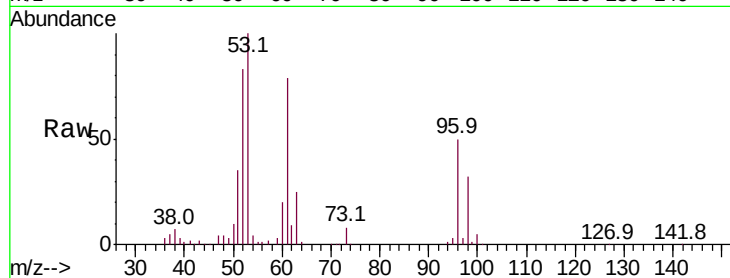
98 63.8 52.2 78.2

Manual Integrations

APPROVED

MMDadoda

4/9/2019 1:37:43 PM



#22

Diisopropyl ether

Concen: 46.851 ug/l

RT: 3.86 min Scan# 444

Delta R.T. 0.00 min

Lab File: VX008734.D

Acq: 06 Apr 2019 20:32

Tgt Ion: 45 Resp: 433079

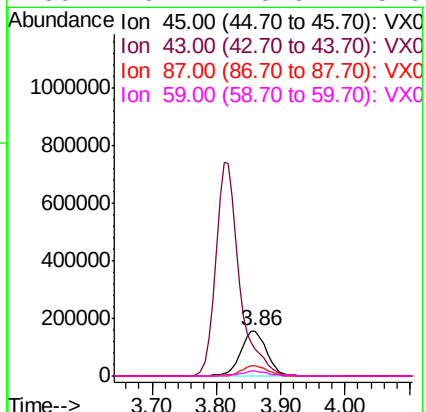
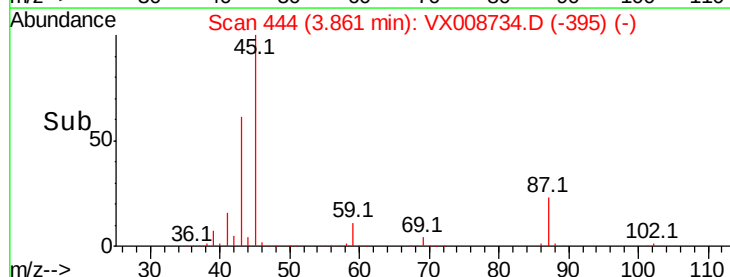
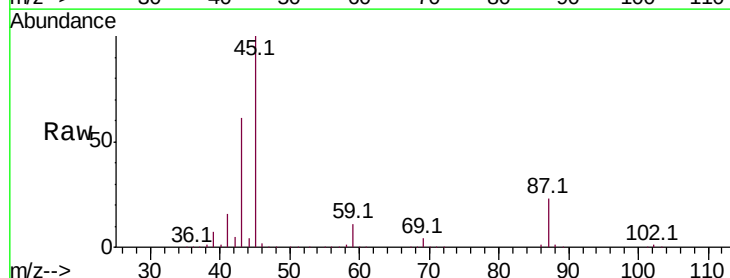
Ion Ratio Lower Upper

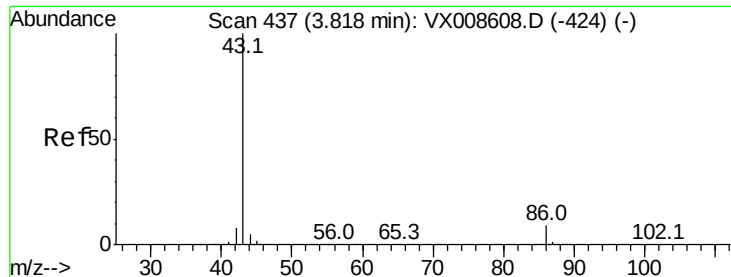
45 100

43 60.6 51.3 76.9

87 22.7 18.1 27.1

59 10.7 8.6 13.0





#23

Vinyl Acetate

Concen: 238.057 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX008734.D

Acq: 06 Apr 2019 20:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1914321

Ion Ratio Lower Upper

43 100

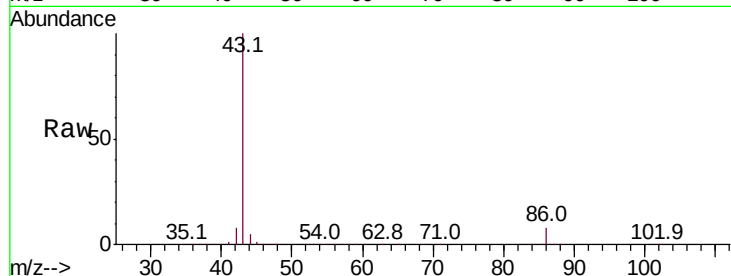
86 8.5 7.0 10.6

Manual Integrations

APPROVED

MMDadoda

4/9/2019 1:37:43 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

800000

600000

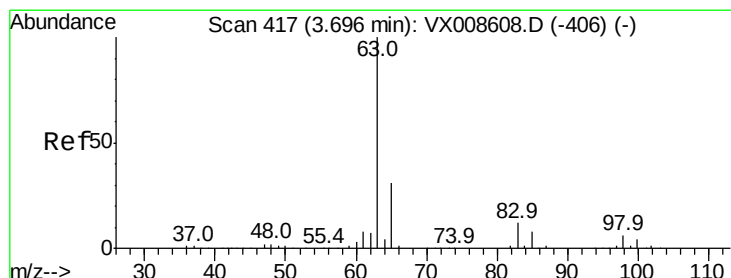
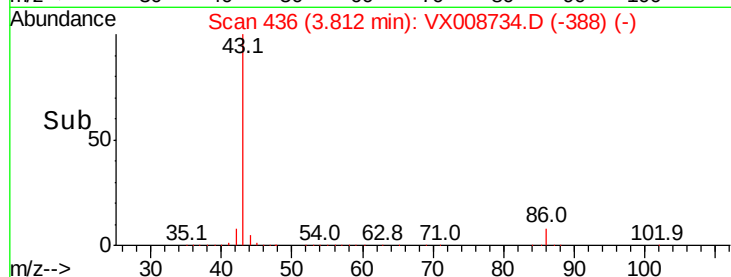
400000

200000

0

3.70 3.80 3.90 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 46.015 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX008734.D

Acq: 06 Apr 2019 20:32

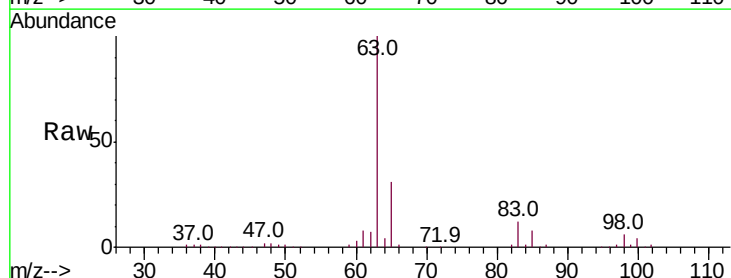
Tgt Ion: 63 Resp: 210595

Ion Ratio Lower Upper

63 100

98 6.2 2.8 8.4

100 3.5 1.8 5.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

120000

100000

80000

60000

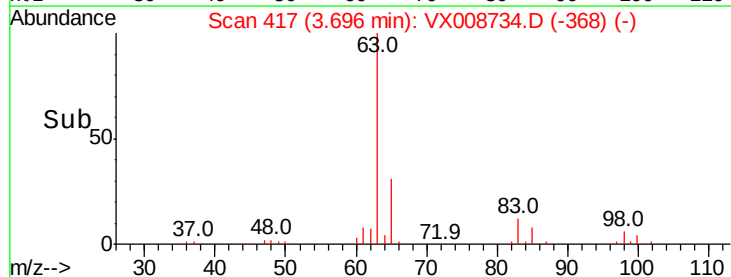
40000

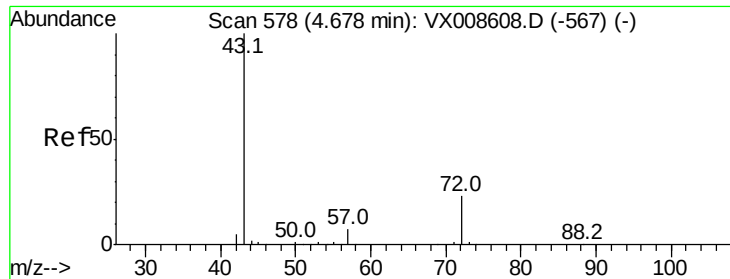
20000

0

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 238.026 ug/l

RT: 4.68 min Scan# 578

Delta R.T. 0.00 min

Lab File: VX008734.D

Acq: 06 Apr 2019 20:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 572717

Ion Ratio Lower Upper

43 100

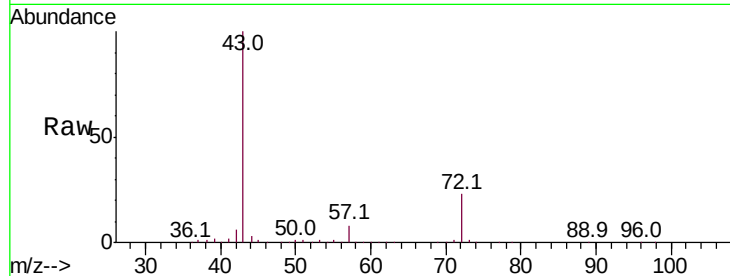
72 22.6 18.2 27.4

Manual Integrations

APPROVED

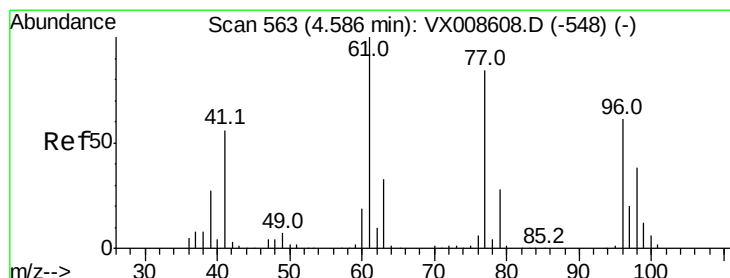
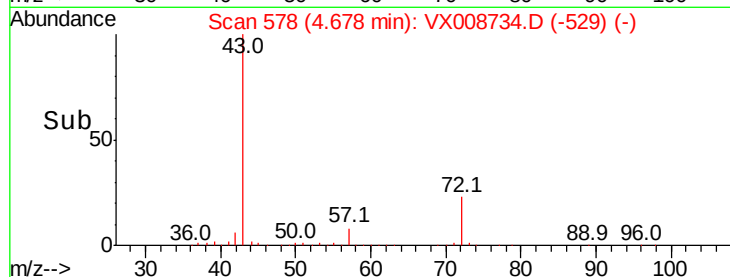
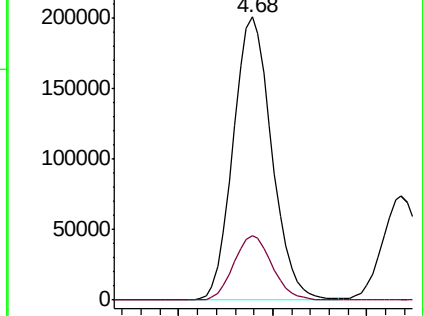
MMDadoda

4/9/2019 1:37:43 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 38.486 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX008734.D

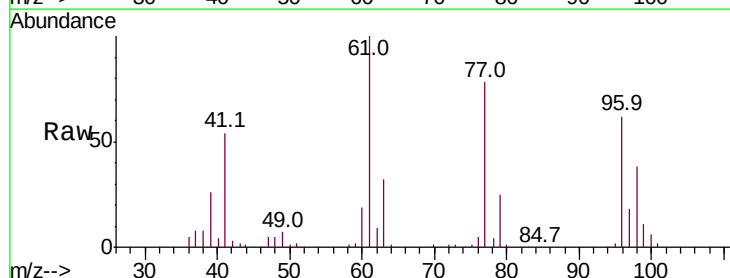
Acq: 06 Apr 2019 20:32

Tgt Ion: 77 Resp: 124056

Ion Ratio Lower Upper

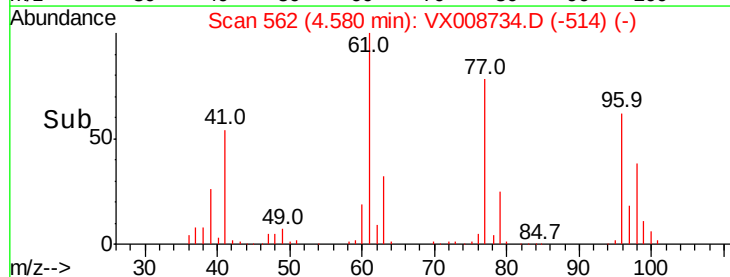
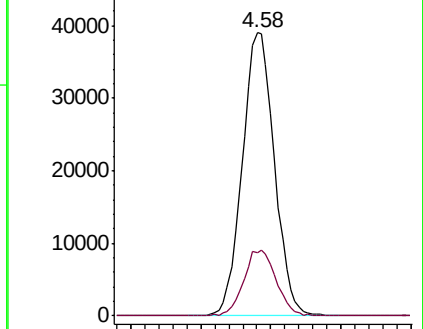
77 100

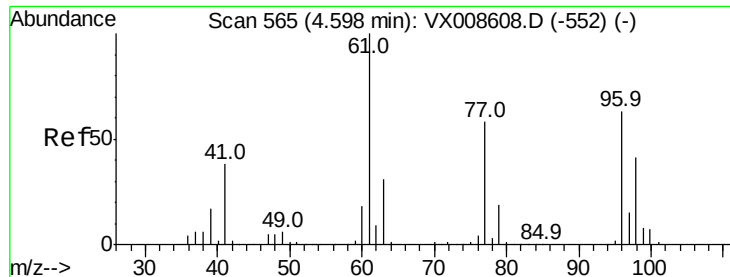
97 23.7 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

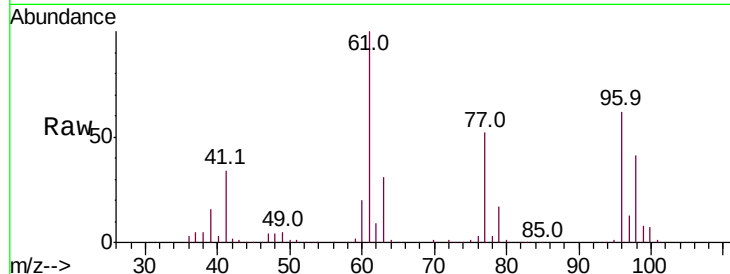
cis-1,2-Dichloroethene
Concen: 45.037 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX008734.D
Acq: 06 Apr 2019 20:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	159.5	0.0	327.6
98	63.9	0.0	128.6

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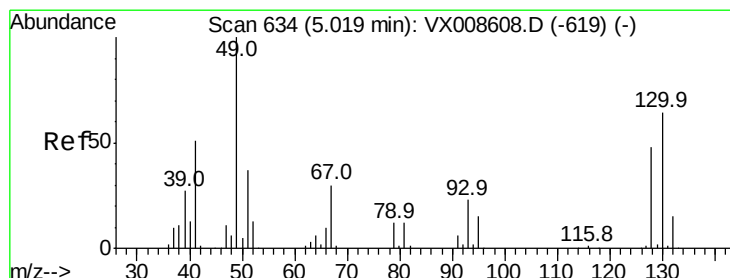
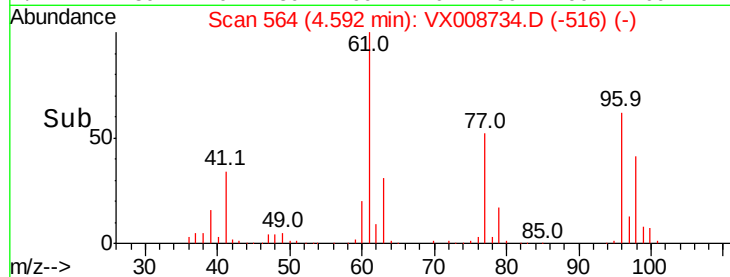
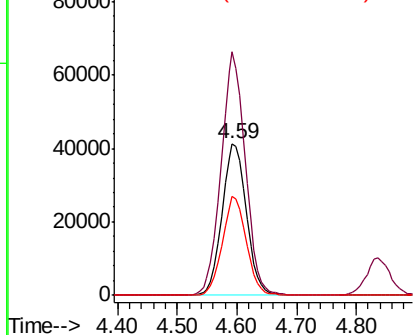


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

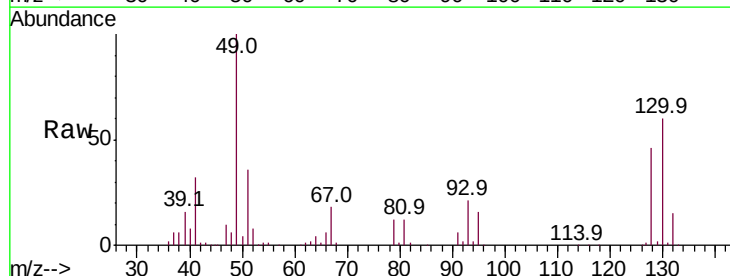
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane
Concen: 54.659 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX008734.D
Acq: 06 Apr 2019 20:32

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	3.6
130	61.5	49.3	73.9

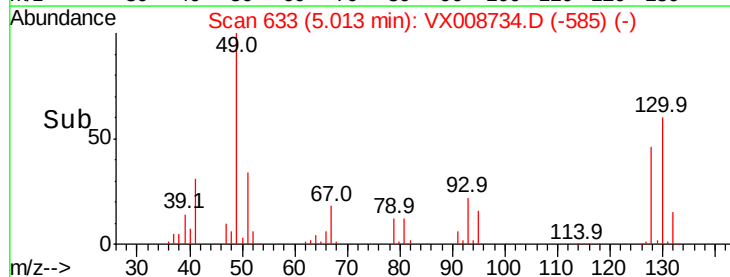
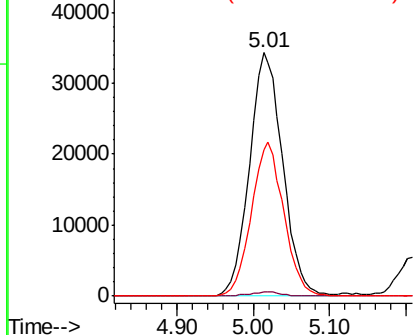


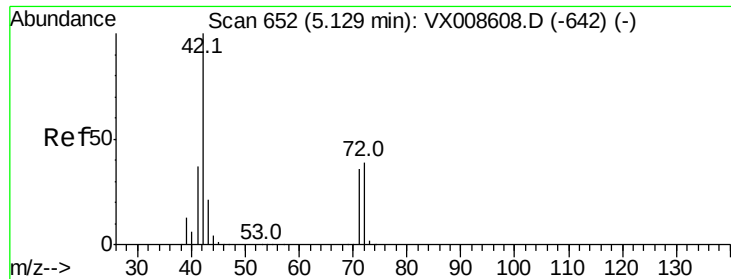
Abundance

Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





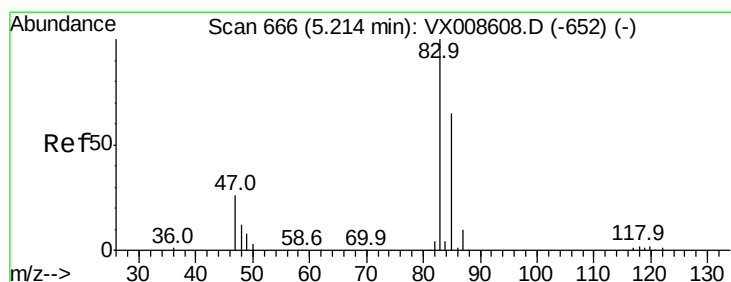
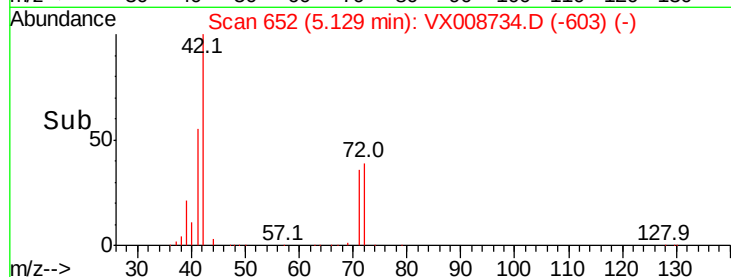
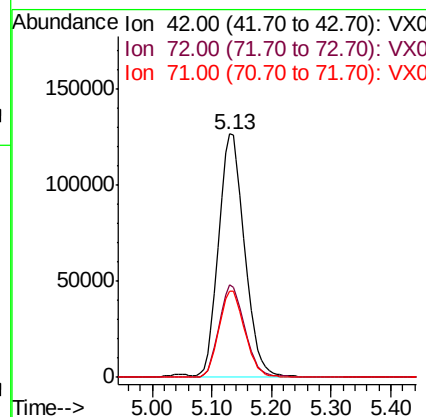
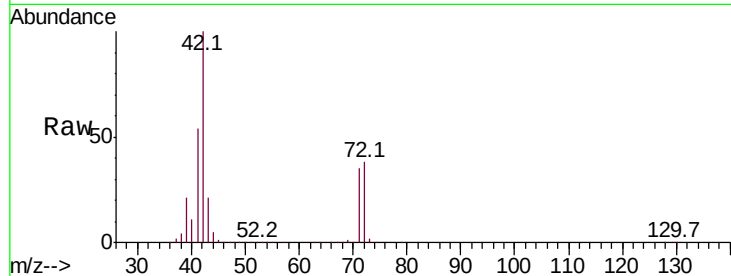
#29
Tetrahydrofuran
Concen: 239.139 ug/l
RT: 5.13 min Scan# 652
Delta R.T. 0.00 min
Lab File: VX008734.D
Acq: 06 Apr 2019 20:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	37.9	30.5	45.7
71	35.4	28.6	43.0

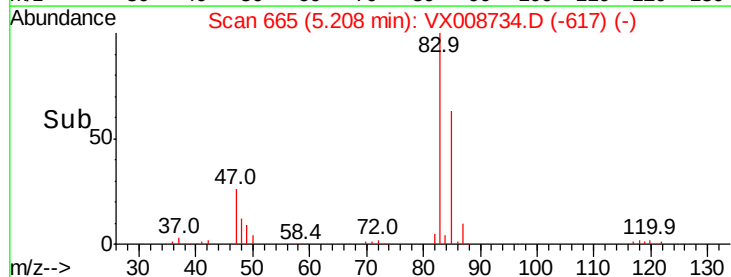
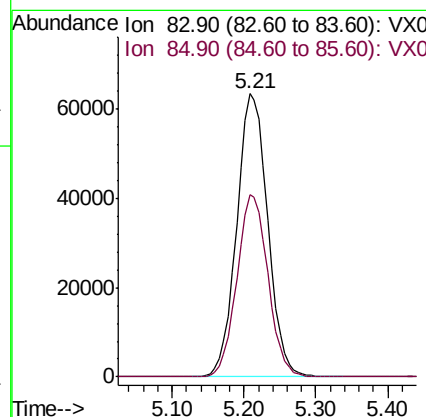
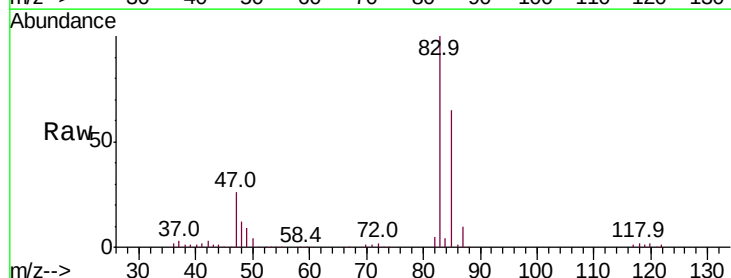
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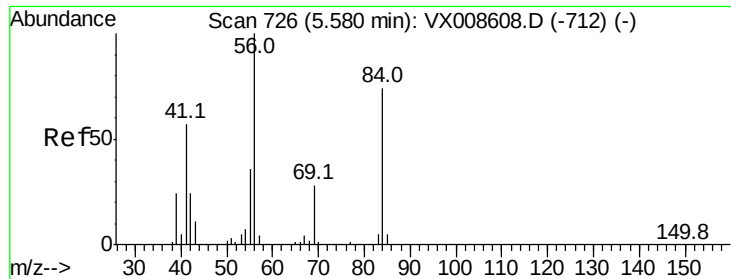
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#30
Chloroform
Concen: 46.331 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX008734.D
Acq: 06 Apr 2019 20:32

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.5	52.1	78.1





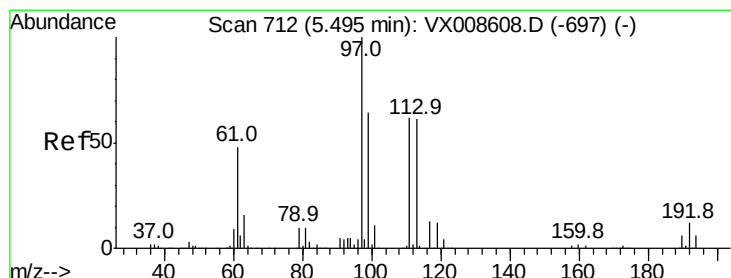
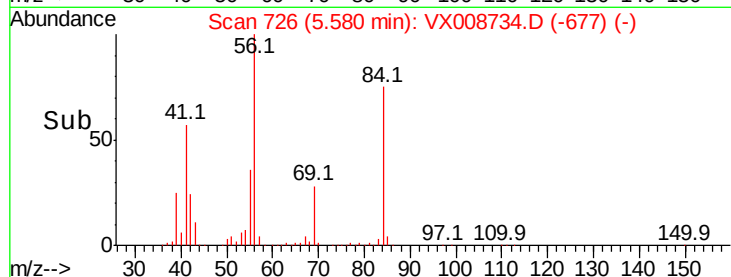
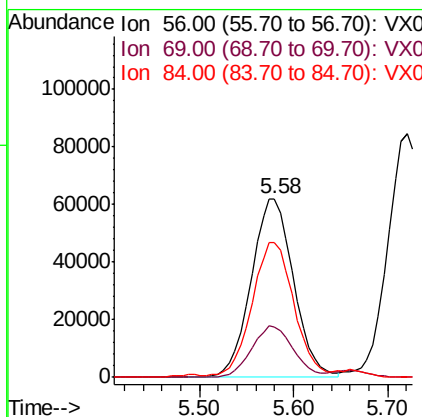
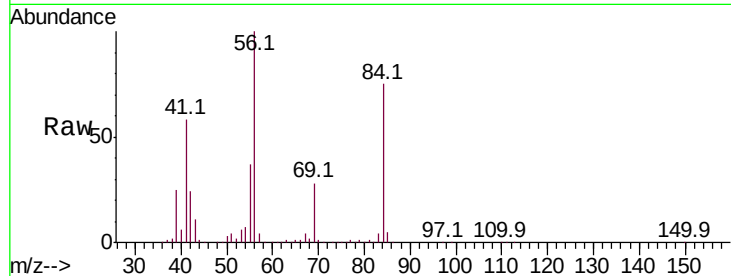
#31
Cyclohexane
Concen: 42.804 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.00 min
Lab File: VX008734.D
Acq: 06 Apr 2019 20:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	28.3	22.6	33.8
84	73.8	59.3	88.9

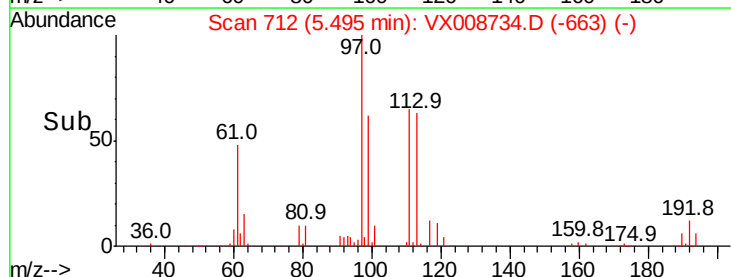
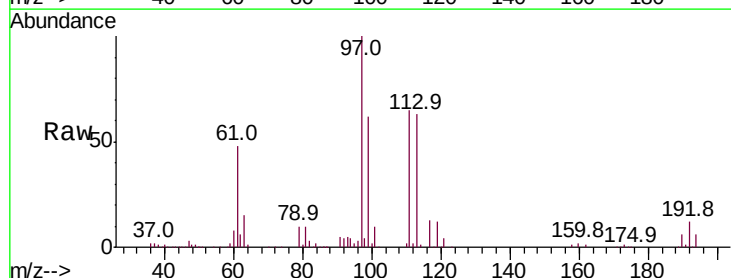
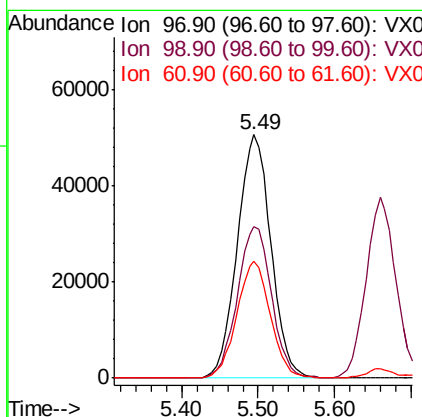
Manual Integrations
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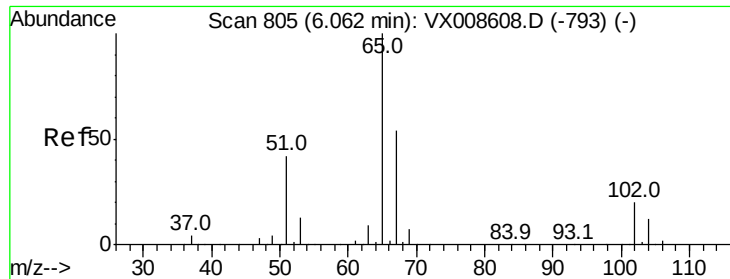
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#32
1,1,1-Trichloroethane
Concen: 46.872 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX008734.D
Acq: 06 Apr 2019 20:32

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.2	51.3	76.9
61	47.7	38.9	58.3





#33

1,2-Dichloroethane-d4

Concen: 48.076 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX008734.D

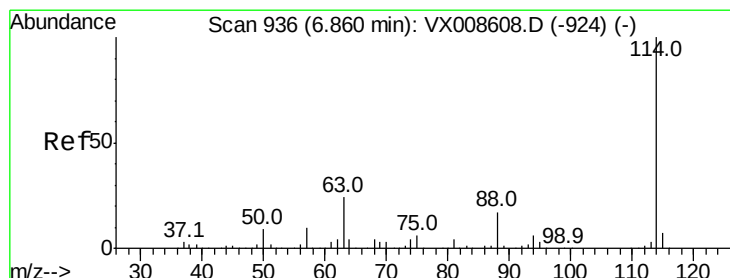
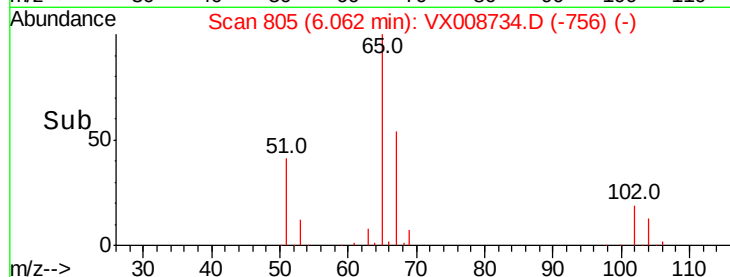
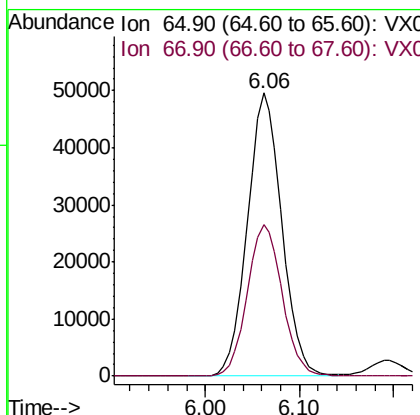
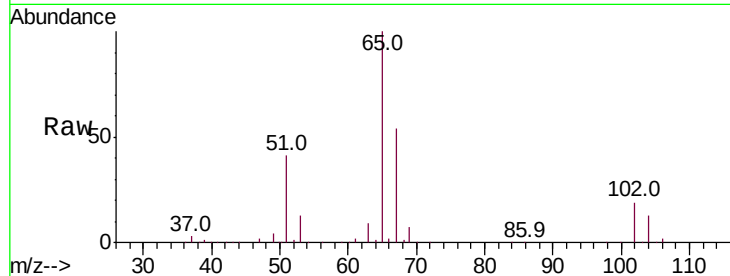
Acq: 06 Apr 2019 20:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	54.2	0.0	107.2

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

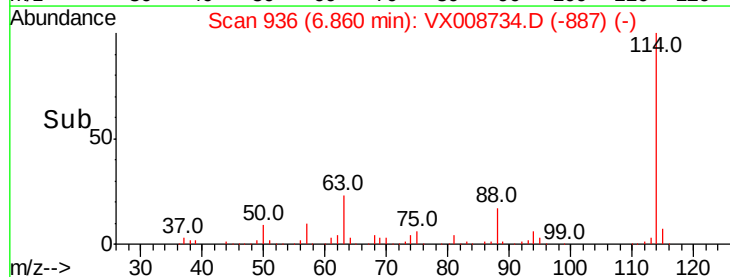
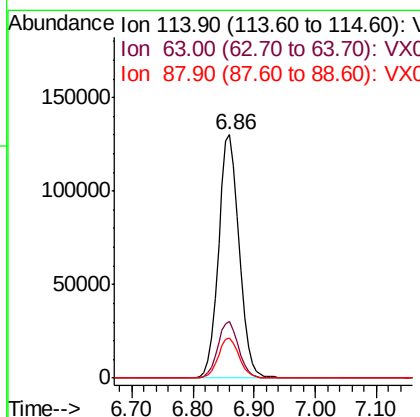
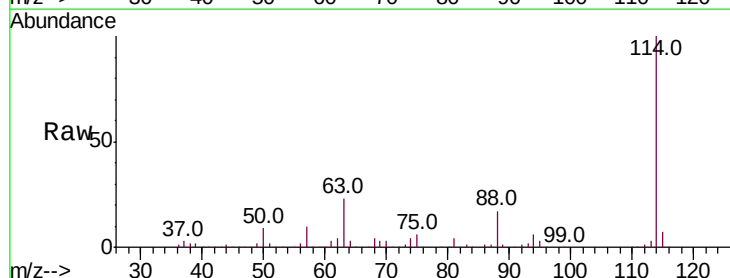
RT: 6.86 min Scan# 936

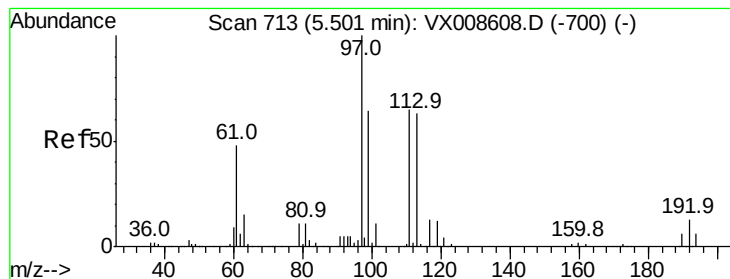
Delta R.T. 0.00 min

Lab File: VX008734.D

Acq: 06 Apr 2019 20:32

Tgt Ion	Ratio	Lower	Upper
114	100		
63	23.2	0.0	47.2
88	16.5	0.0	34.0





#35

Dibromofluoromethane

Concen: 47.713 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX008734.D

Acq: 06 Apr 2019 20:32

Instrument :

MSVOA_X

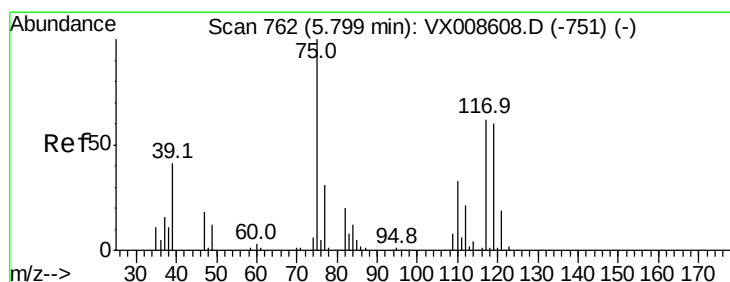
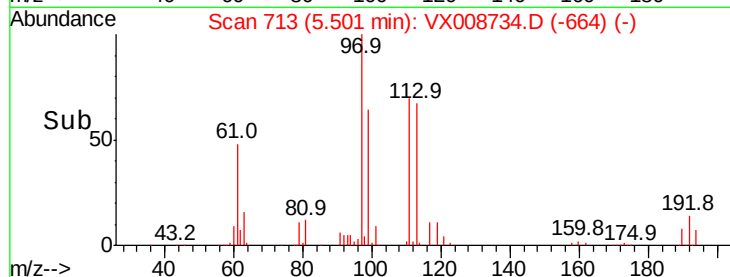
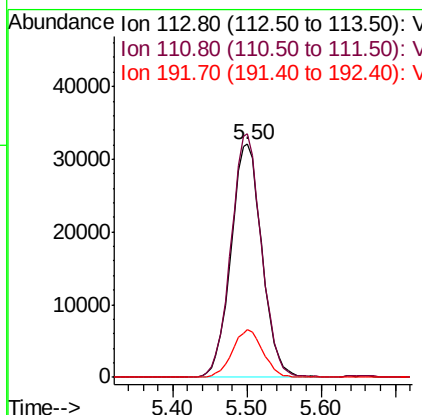
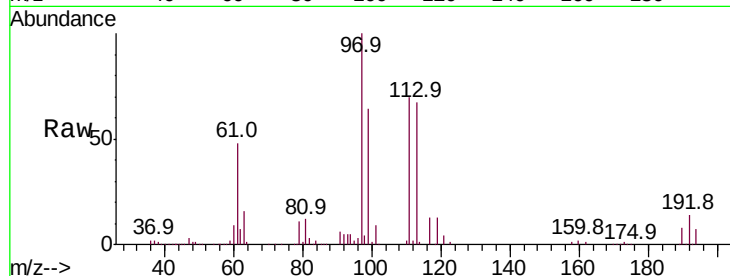
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	93617
Ion	Ratio	Lower	Upper
113	100		
111	102.5	83.4	125.2
192	20.3	16.1	24.1

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#36

1,1-Dichloropropene

Concen: 43.099 ug/l

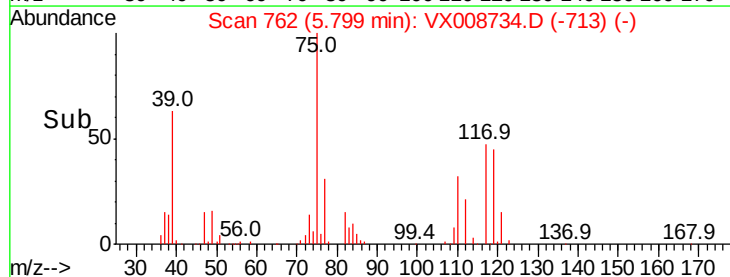
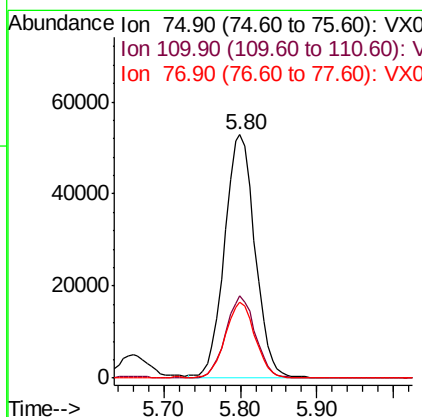
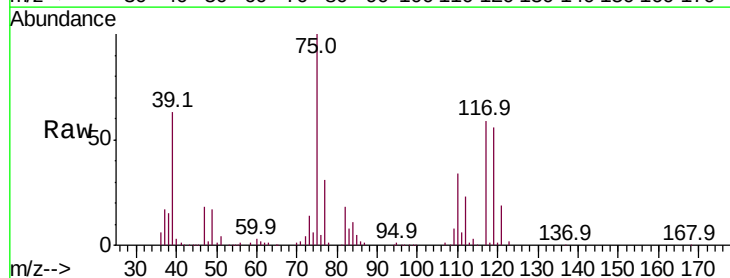
RT: 5.80 min Scan# 762

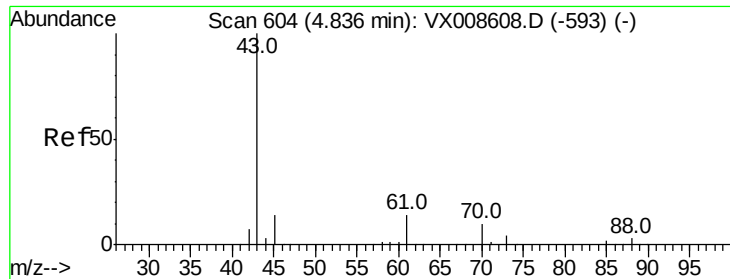
Delta R.T. 0.00 min

Lab File: VX008734.D

Acq: 06 Apr 2019 20:32

Tgt Ion:	75	Resp:	144575
Ion	Ratio	Lower	Upper
75	100		
110	33.2	16.4	49.2
77	31.0	24.7	37.1





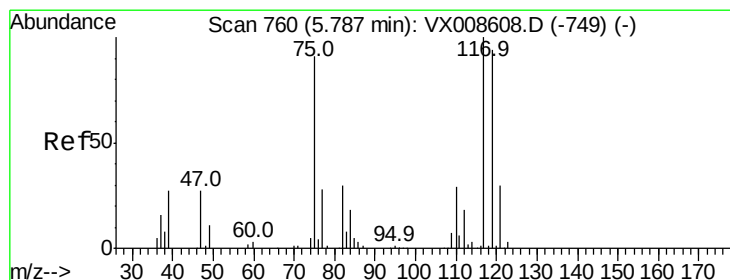
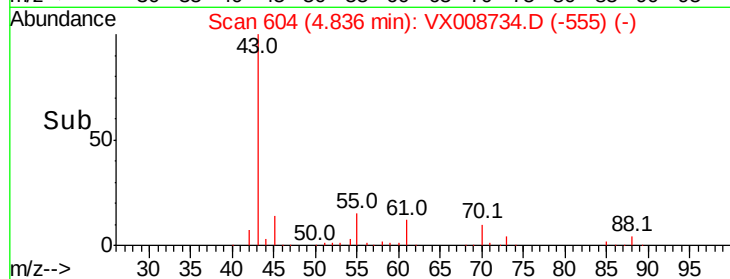
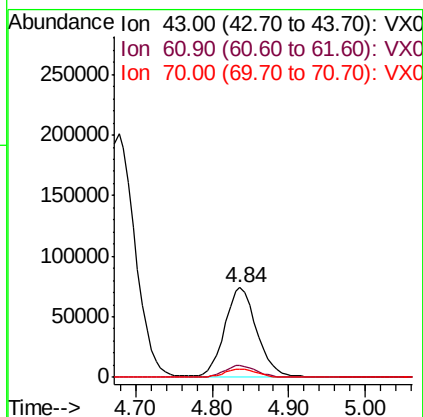
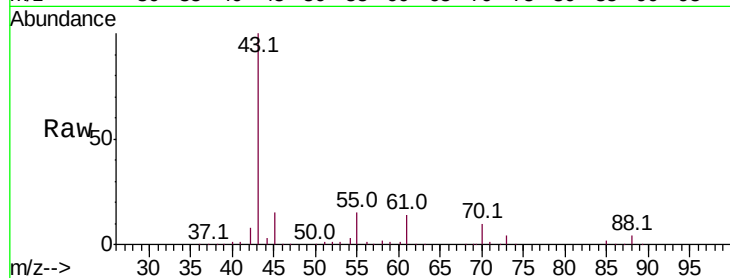
#37
Ethyl Acetate
Concen: 48.035 ug/l
RT: 4.84 min Scan# 604
Delta R.T. 0.00 min
Lab File: VX008734.D
Acq: 06 Apr 2019 20:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.0	10.3	15.5
70	9.4	7.6	11.4

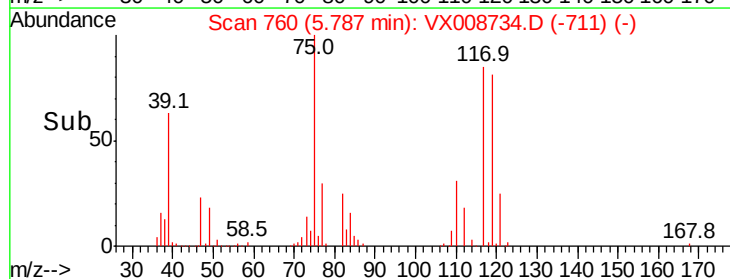
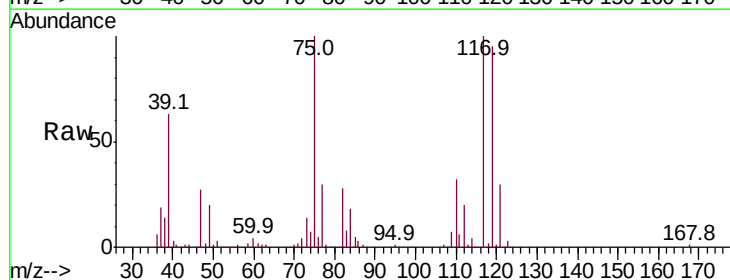
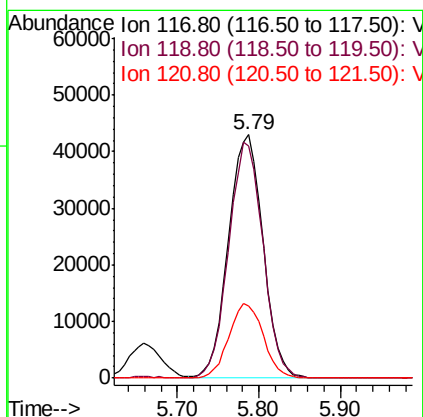
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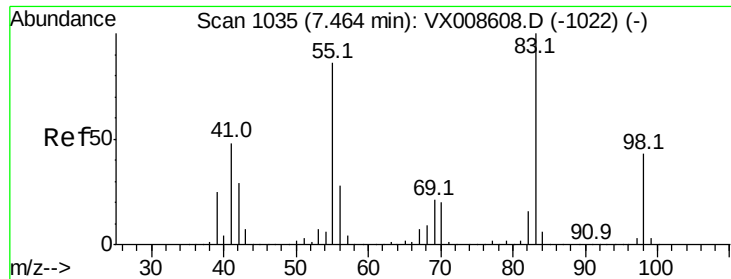
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#38
Carbon Tetrachloride
Concen: 45.289 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX008734.D
Acq: 06 Apr 2019 20:32

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.4	75.0	112.6
121	29.9	24.3	36.5





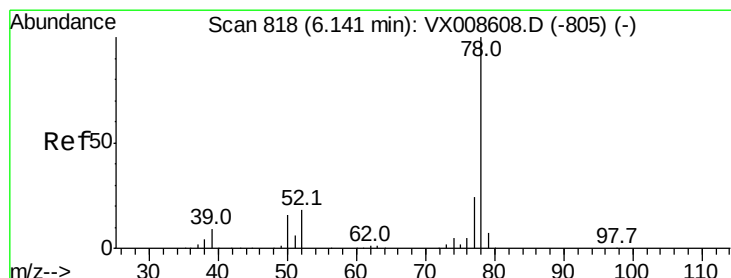
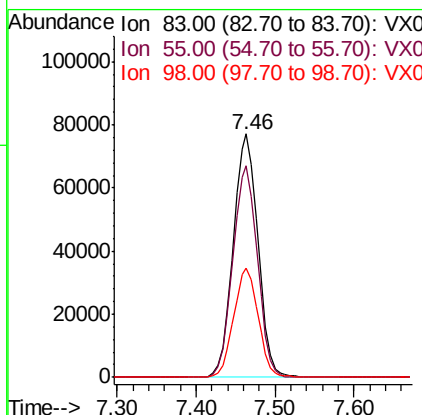
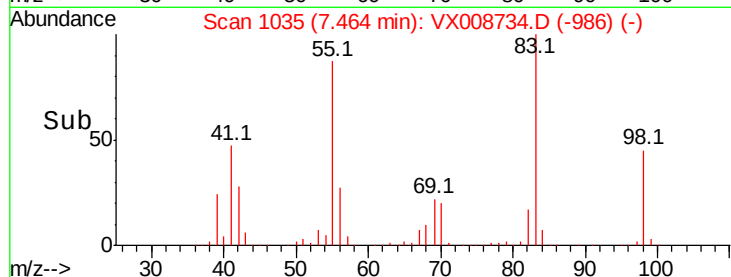
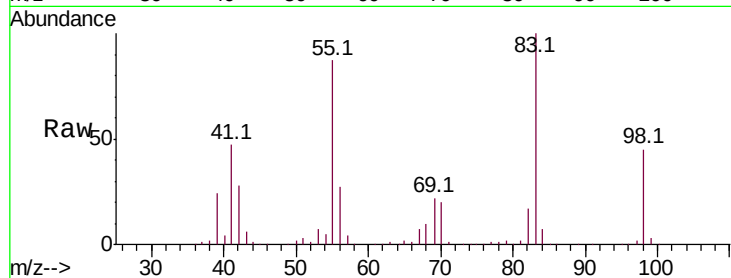
#39
Methylvlcyclohexane
Concen: 40.477 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX008734.D
Acq: 06 Apr 2019 20:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	86.9	69.0	103.6
98	44.7	34.4	51.6

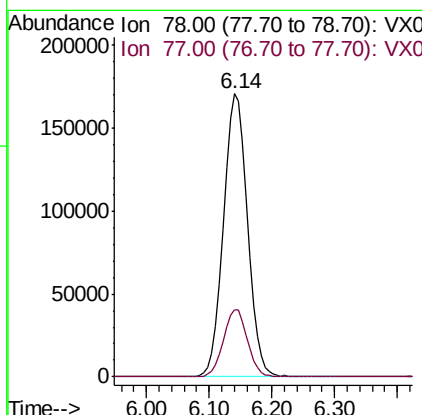
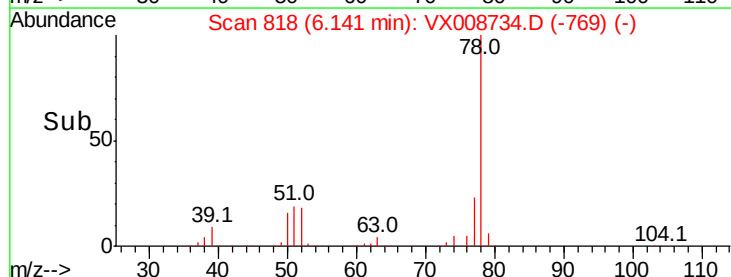
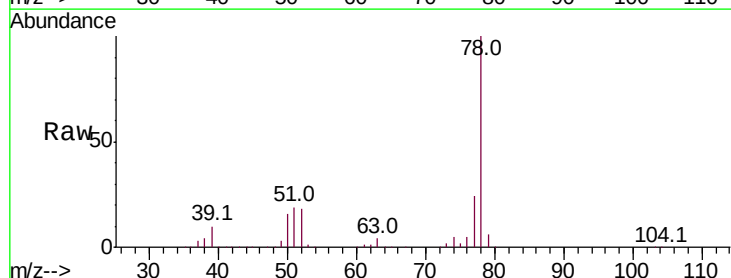
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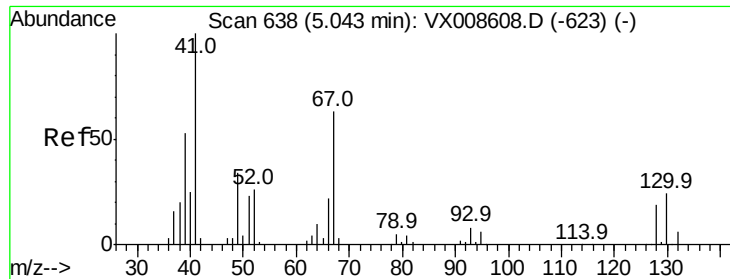
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4/9/2019 1:37:43 PM



#40
Benzene
Concen: 45.260 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX008734.D
Acq: 06 Apr 2019 20:32

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.1	28.7





#41

Methacrylonitrile

Concen: 46.864 ug/l

RT: 5.04 min Scan# 638

Delta R.T. 0.00 min

Lab File: VX008734.D

Acq: 06 Apr 2019 20:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 120617
Ion Ratio Lower Upper

41 100

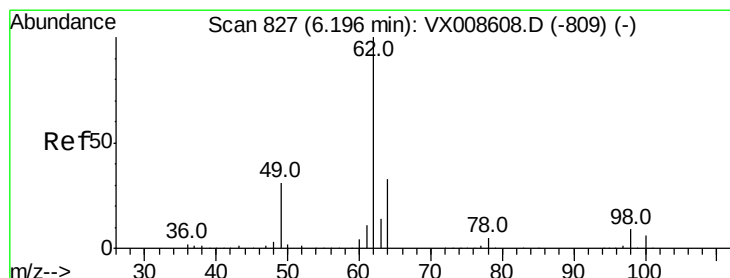
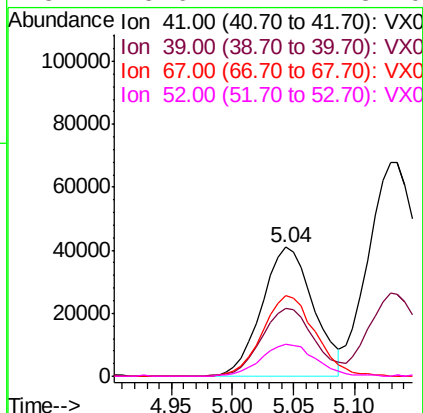
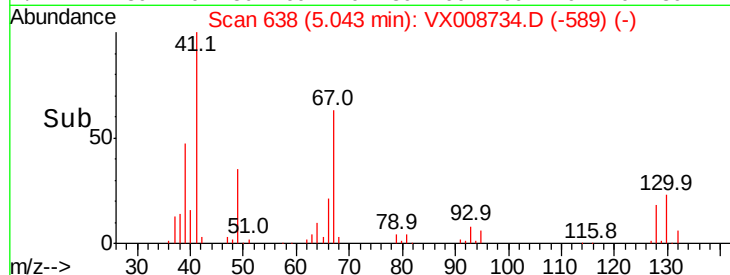
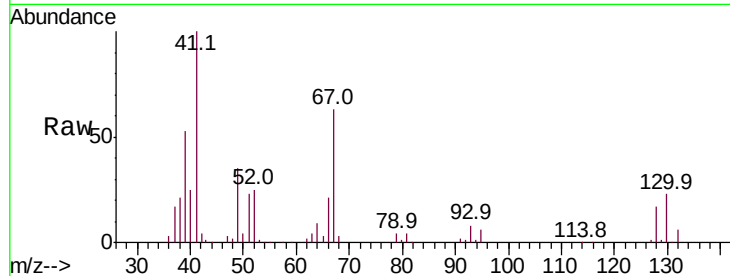
39 54.3 42.1 63.1

67 64.0 51.0 76.6

52 25.6 21.4 32.0

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 45.115 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.00 min

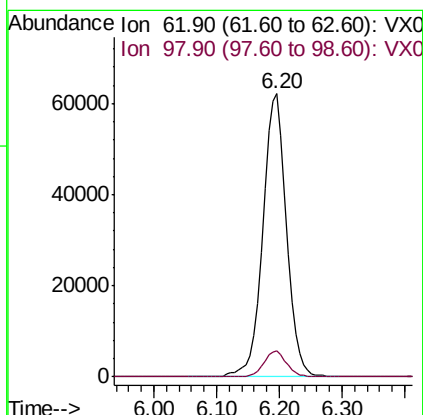
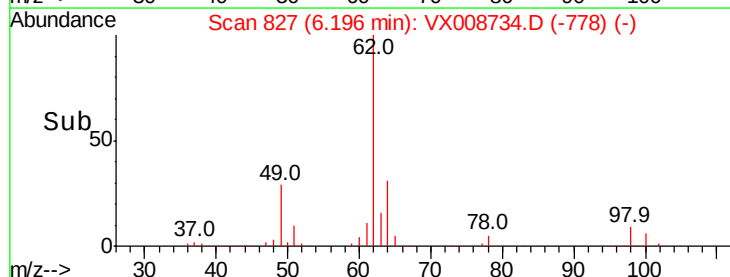
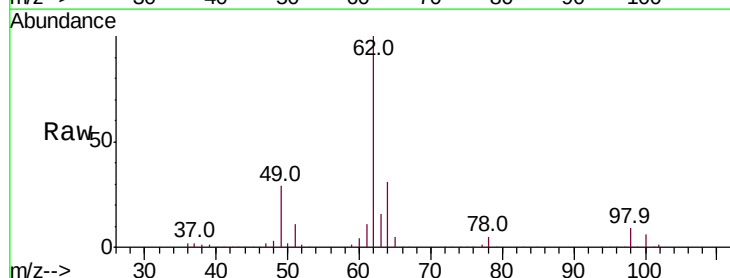
Lab File: VX008734.D

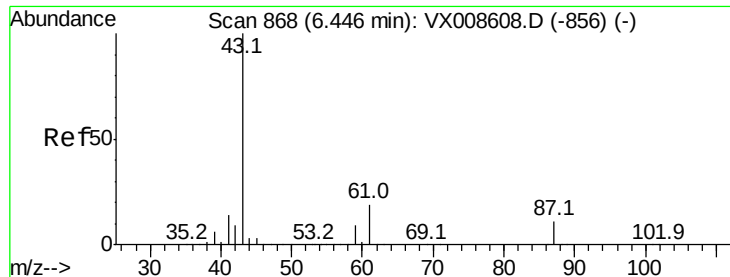
Acq: 06 Apr 2019 20:32

Tgt Ion: 62 Resp: 161633
Ion Ratio Lower Upper

62 100

98 8.9 0.0 18.0





#43

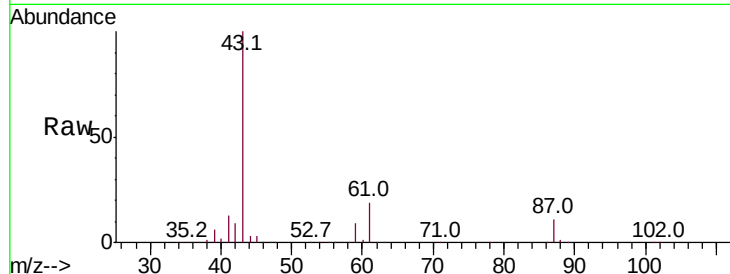
Isopropyl Acetate
 Concen: 48.367 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. 0.00 min
 Lab File: VX008734.D
 Acq: 06 Apr 2019 20:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

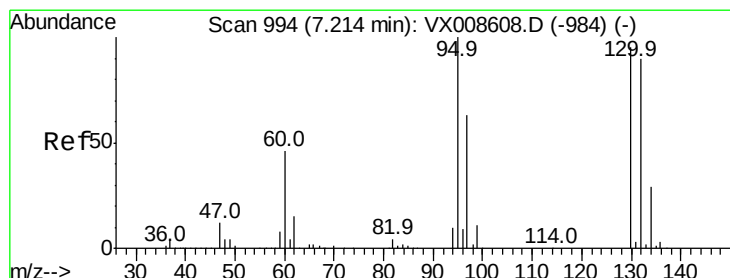
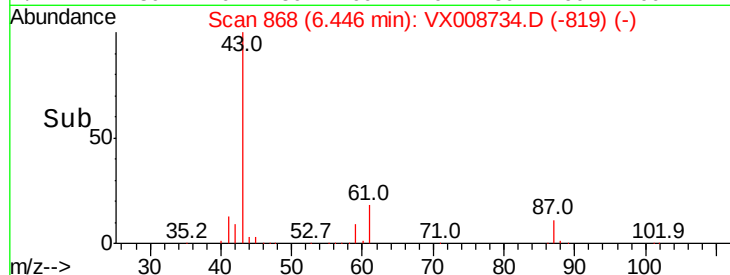
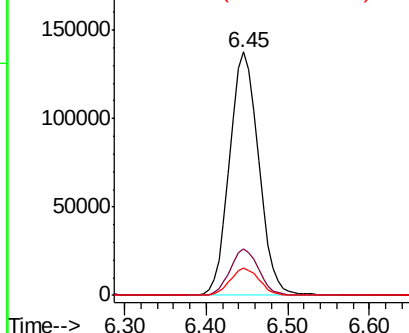
Tot Ion	43	61	87
Ratio	100	18.9	11.2
Lower		15.3	9.0
Upper		22.9	13.6

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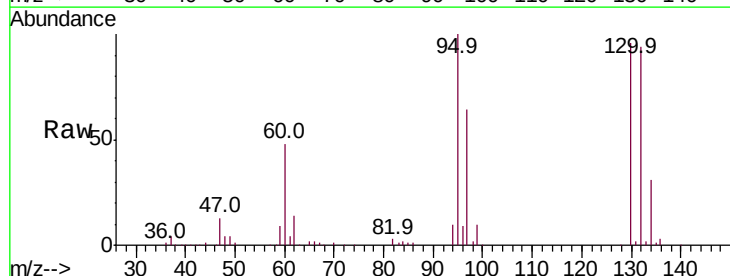
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



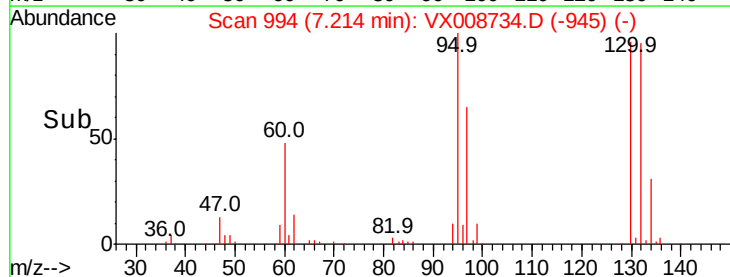
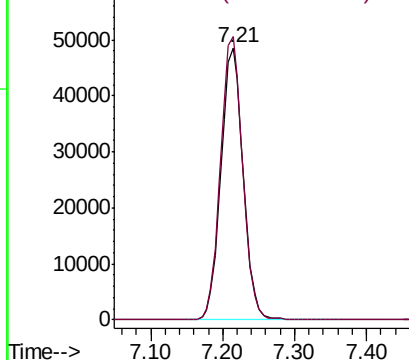
#44

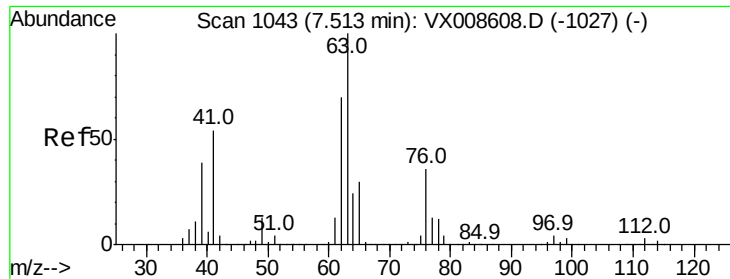
Trichloroethene
 Concen: 44.857 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX008734.D
 Acq: 06 Apr 2019 20:32

Tgt Ion	130	95
Ratio	100	103.9
Lower		0.0
Upper		209.8



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0





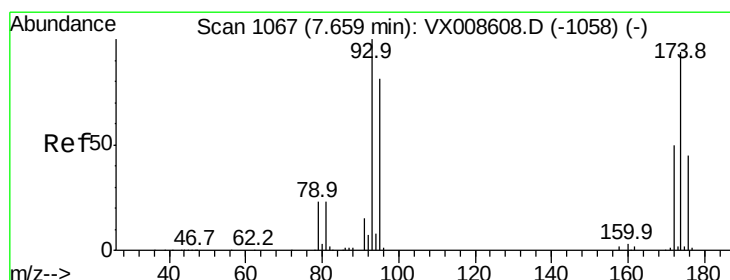
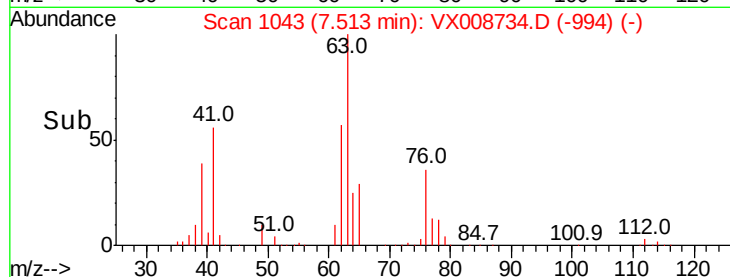
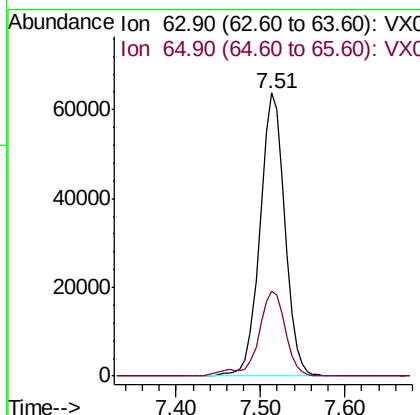
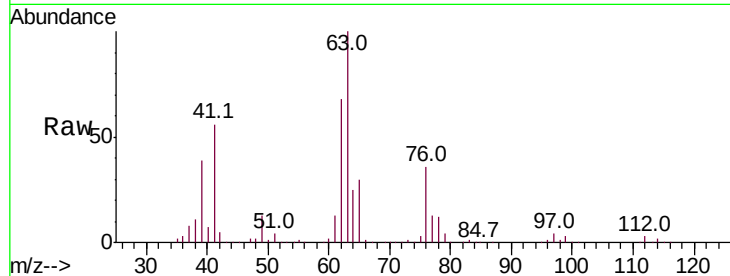
#45
 1,2-Dichloropropane
 Concen: 45.386 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX008734.D
 Acq: 06 Apr 2019 20:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.2	24.2	36.4

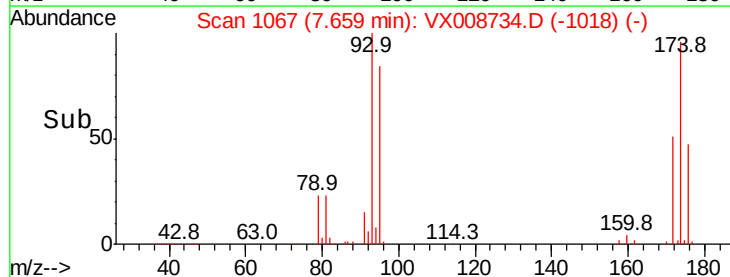
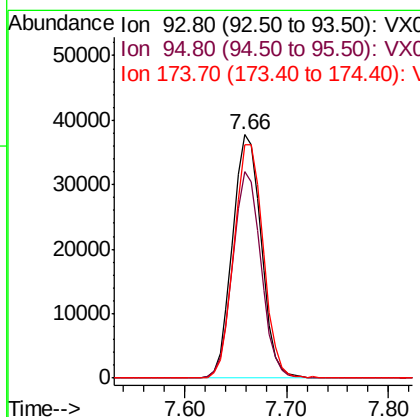
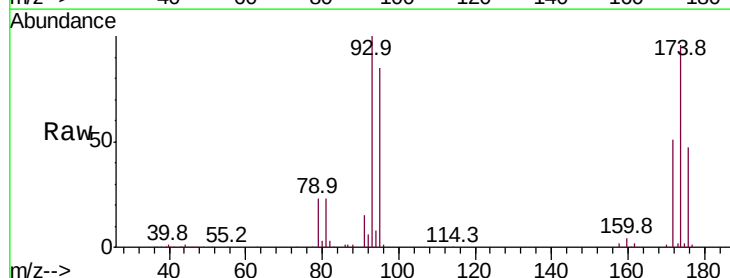
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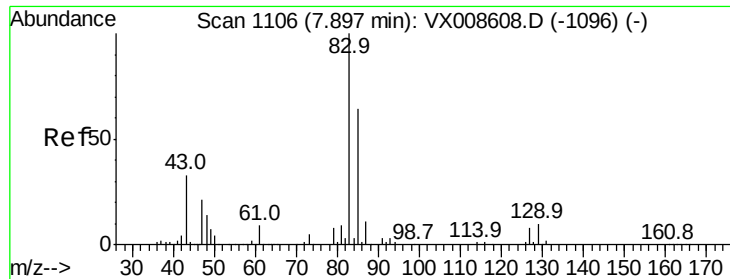
MMDadoda
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#46
 Dibromomethane
 Concen: 44.599 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX008734.D
 Acq: 06 Apr 2019 20:32

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.2	66.6	99.8
174	97.5	77.7	116.5





#47

Bromodichloromethane

Concen: 46.830 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX008734.D

Acq: 06 Apr 2019 20:32

Instrument :

MSVOA_X

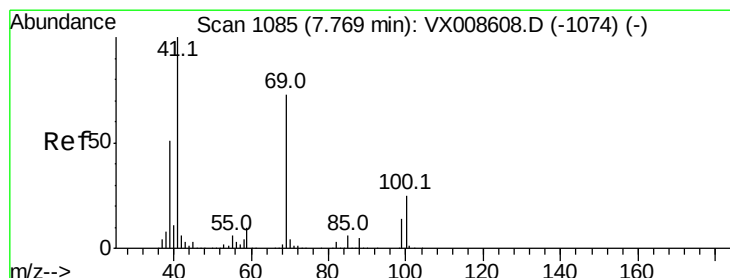
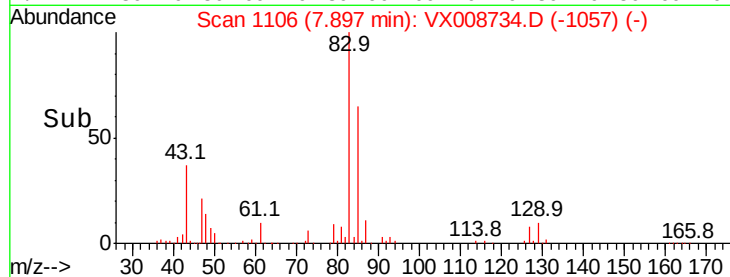
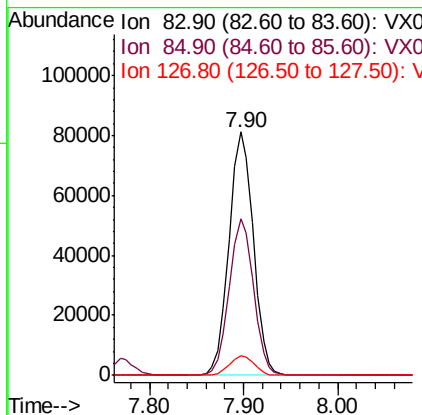
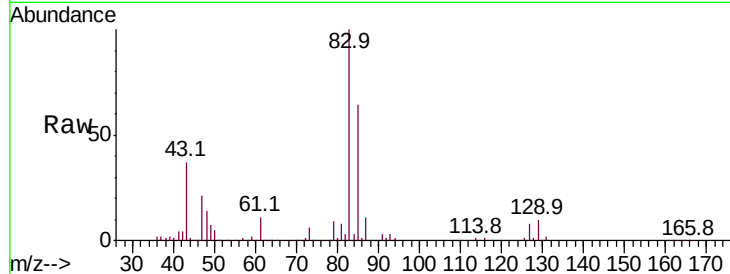
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	146073
Ion	Ratio	Lower	Upper
83	100		
85	64.5	51.2	76.8
127	8.2	6.6	10.0

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#48

Methyl methacrylate

Concen: 48.061 ug/l

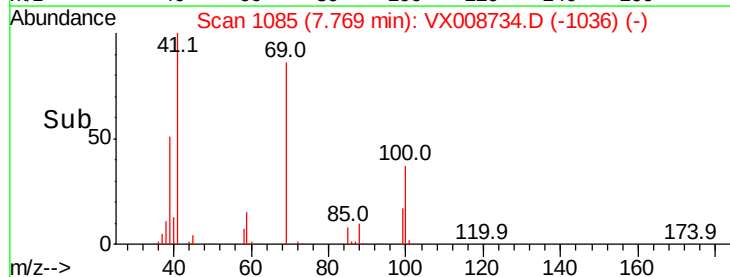
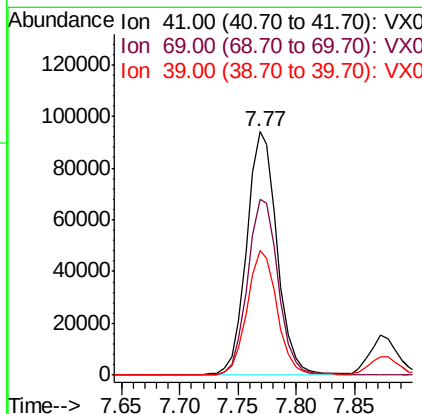
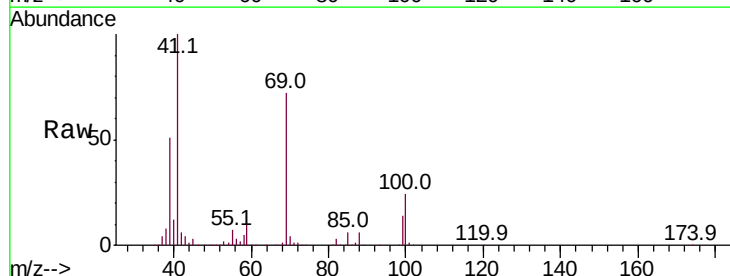
RT: 7.77 min Scan# 1085

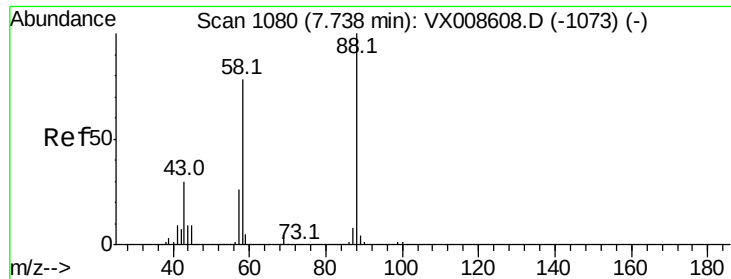
Delta R.T. 0.00 min

Lab File: VX008734.D

Acq: 06 Apr 2019 20:32

Tgt Ion:	41	Resp:	170526
Ion	Ratio	Lower	Upper
41	100		
69	73.6	59.0	88.4
39	50.5	41.0	61.4





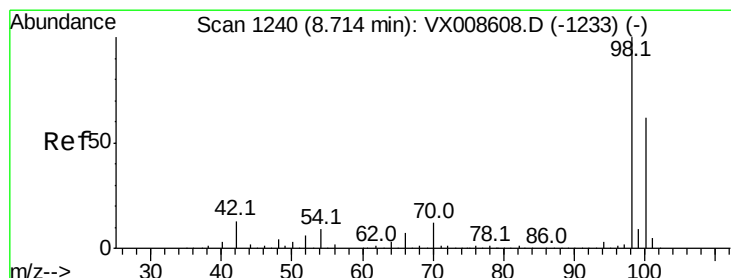
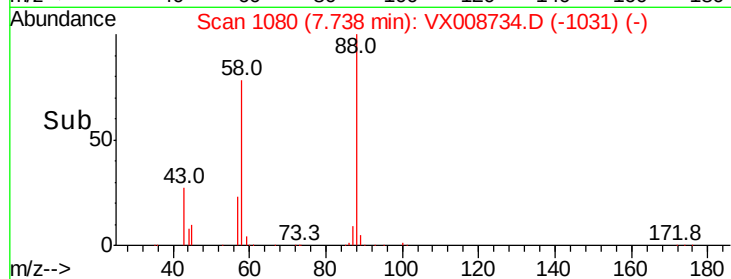
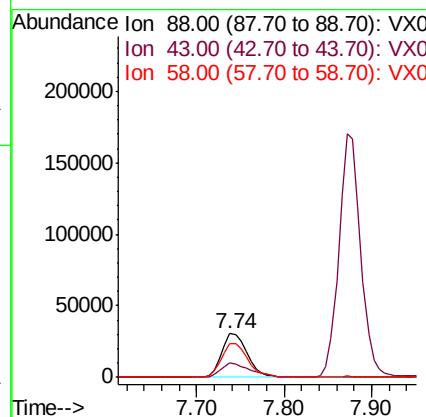
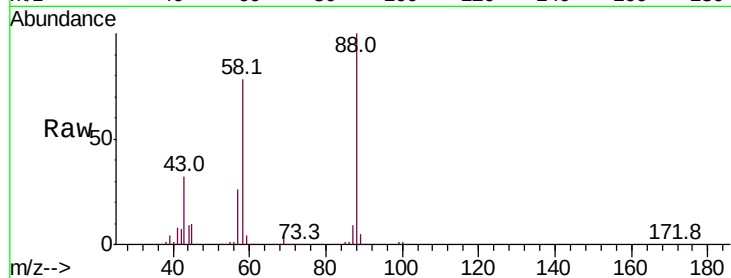
#49
1,4-Dioxane
Concen: 940.541 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX008734.D
Acq: 06 Apr 2019 20:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.7	28.6	43.0
58	79.7	62.2	93.2

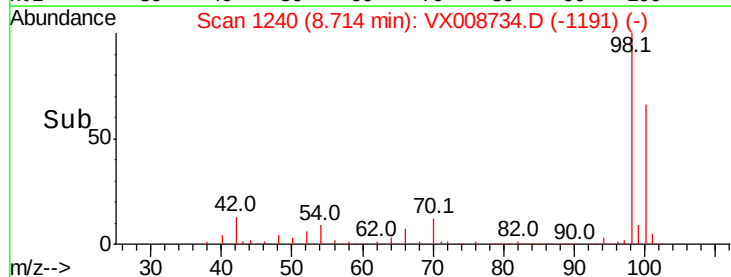
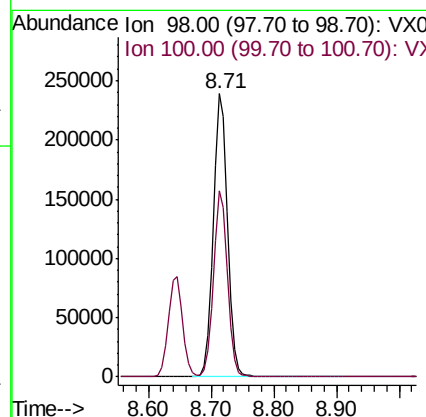
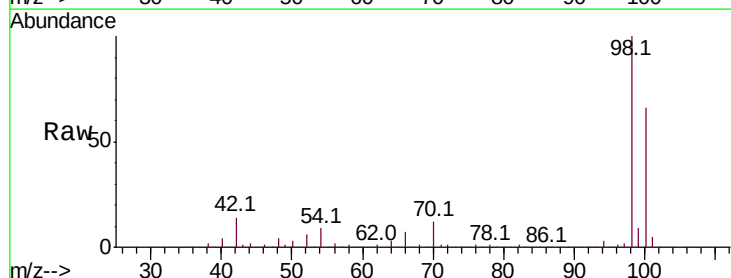
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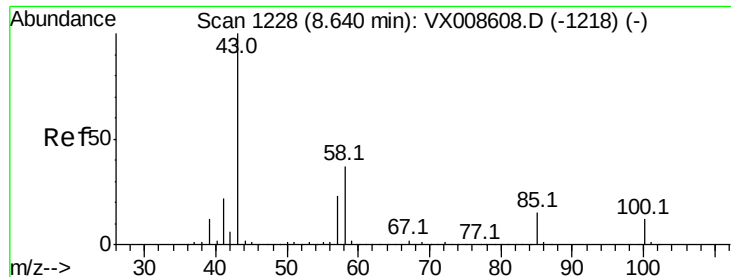
MMDadoda
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#50
Toluene-d8
Concen: 47.824 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX008734.D
Acq: 06 Apr 2019 20:32

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.4	77.0





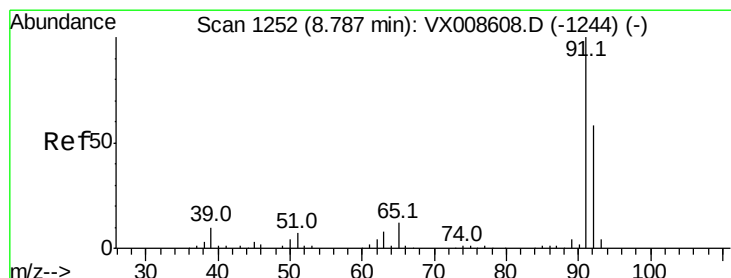
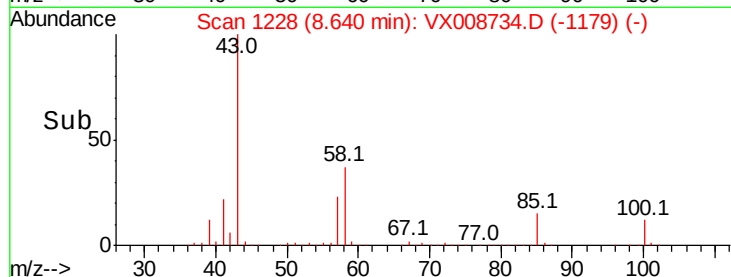
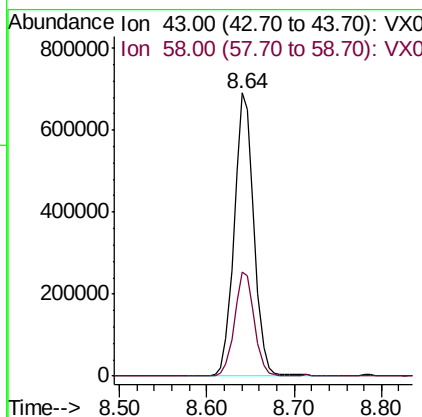
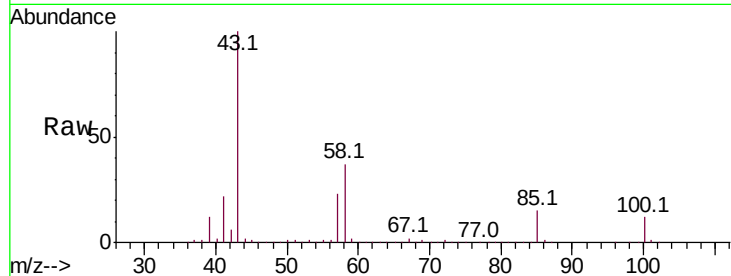
#51
 4-Methyl-2-Pentanone
 Concen: 240.926 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: VX008734.D
 Acq: 06 Apr 2019 20:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 1087842
 Ion Ratio Lower Upper
 43 100
 58 36.9 29.5 44.3

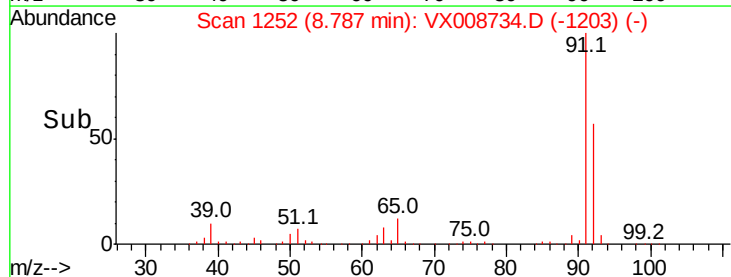
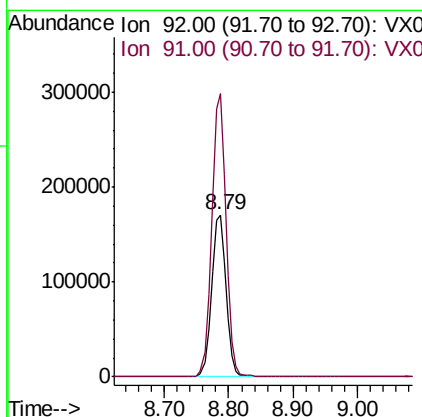
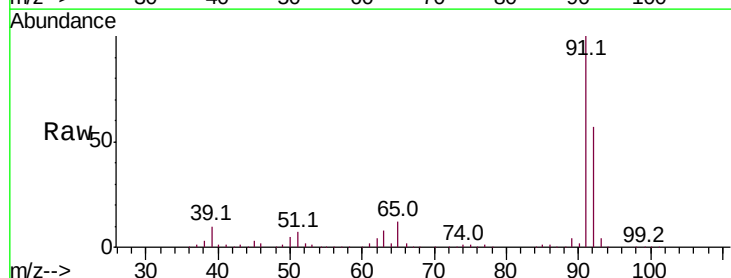
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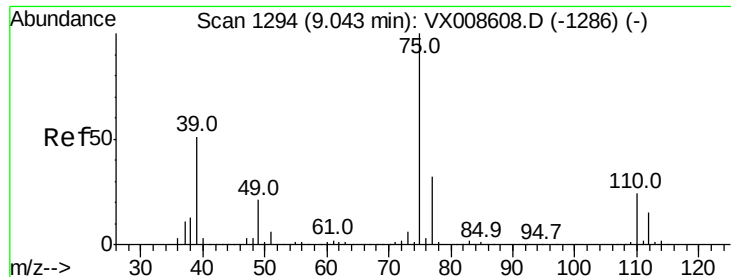
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#52
 Toluene
 Concen: 45.852 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. 0.00 min
 Lab File: VX008734.D
 Acq: 06 Apr 2019 20:32

Tgt Ion: 92 Resp: 270147
 Ion Ratio Lower Upper
 92 100
 91 172.7 138.5 207.7





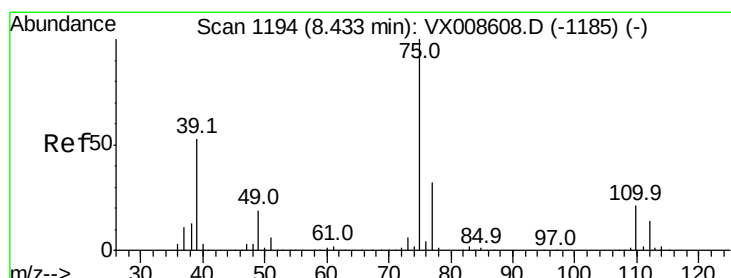
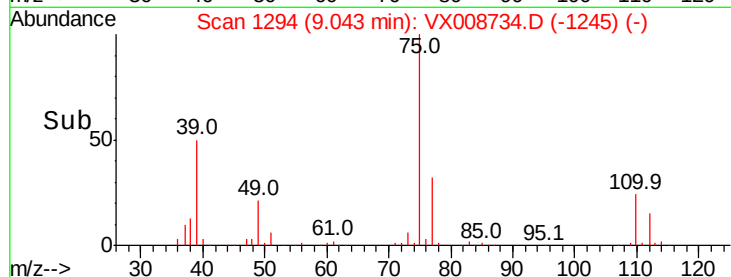
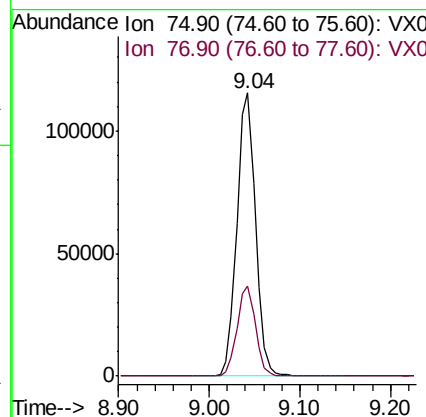
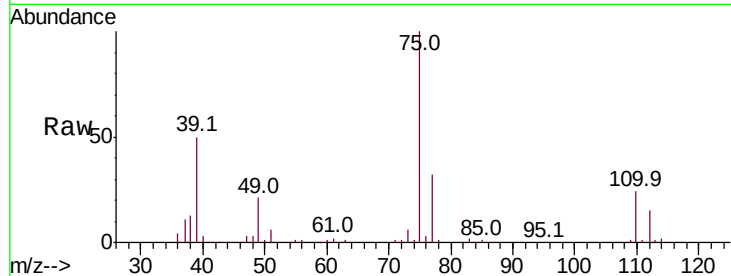
#53
 t-1,3-Dichloropropene
 Concen: 47.086 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: VX008734.D
 Acq: 06 Apr 2019 20:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.2	37.8

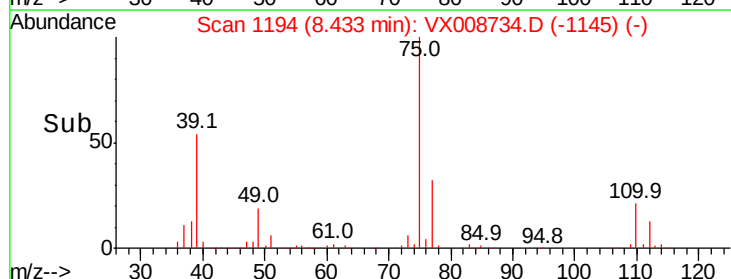
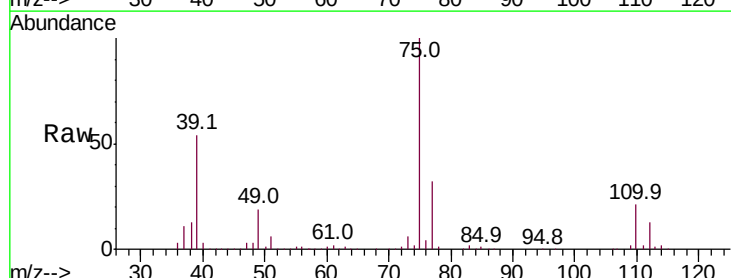
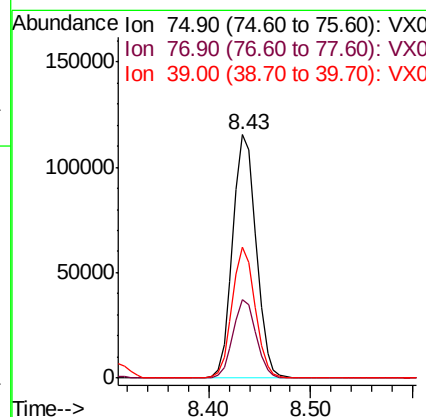
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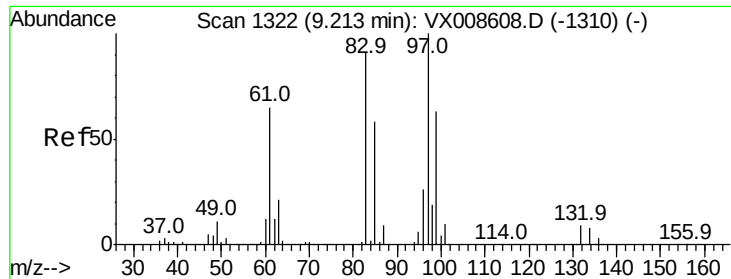
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#54
 cis-1,3-Dichloropropene
 Concen: 45.915 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX008734.D
 Acq: 06 Apr 2019 20:32

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.1	25.3	37.9
39	53.9	42.6	63.8





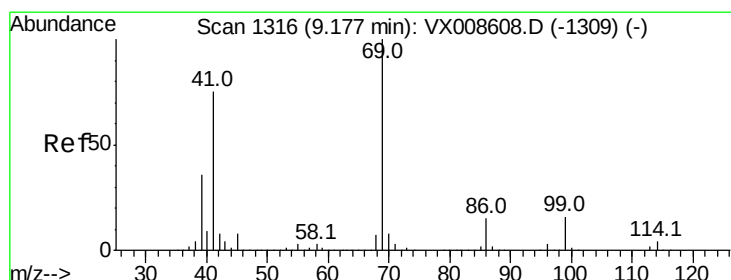
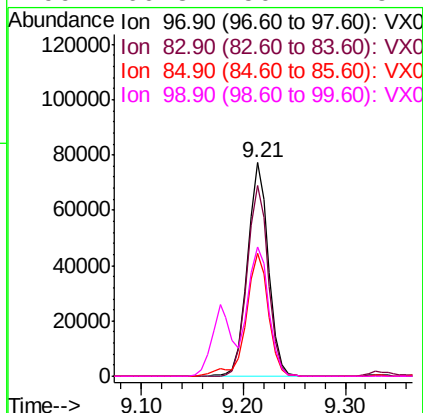
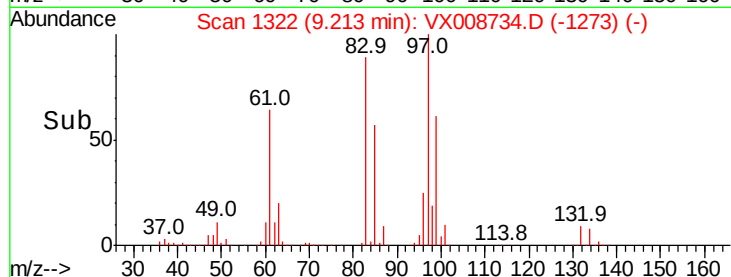
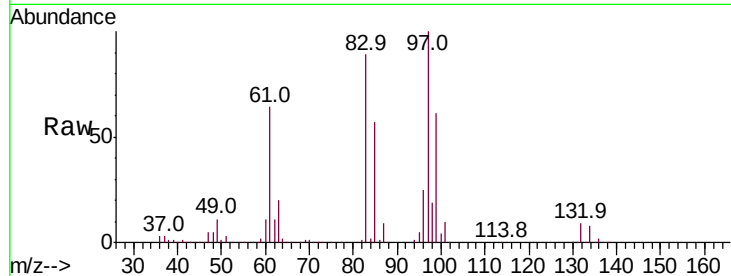
#55
 1,1,2-Trichloroethane
 Concen: 46.855 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX008734.D
 Acq: 06 Apr 2019 20:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
97	100		
83	89.1	73.2	109.8
85	57.5	46.6	69.8
99	60.8	50.1	75.1

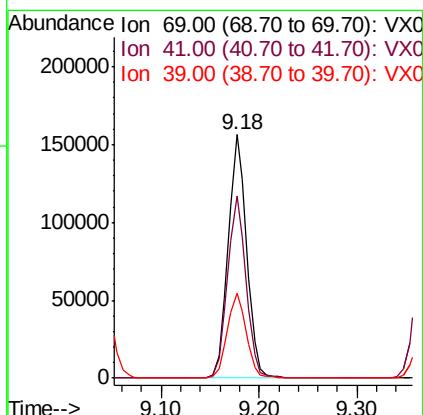
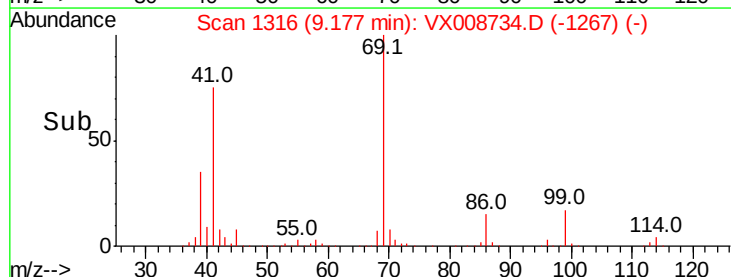
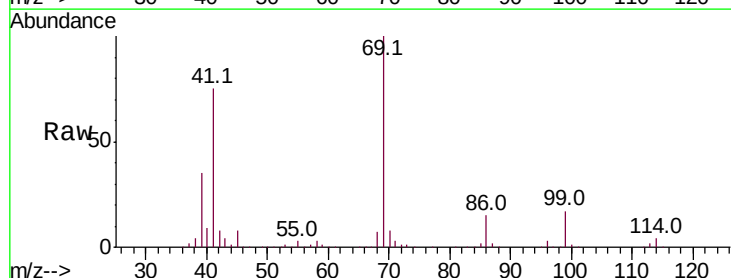
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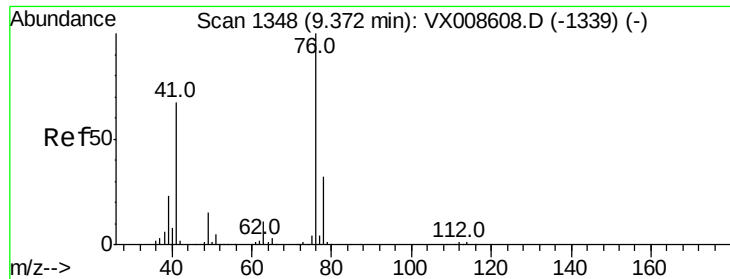
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#56
 Ethyl methacrylate
 Concen: 48.107 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX008734.D
 Acq: 06 Apr 2019 20:32

Tgt Ion	Ratio	Lower	Upper
69	100		
41	75.1	60.1	90.1
39	35.6	28.9	43.3





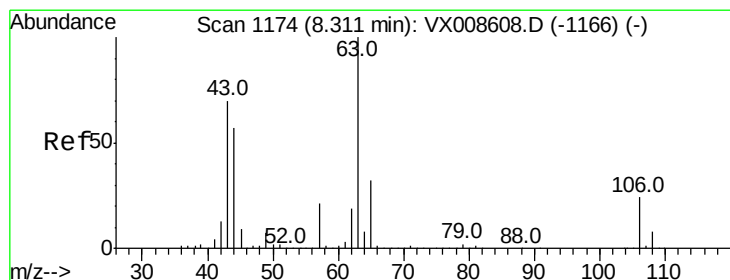
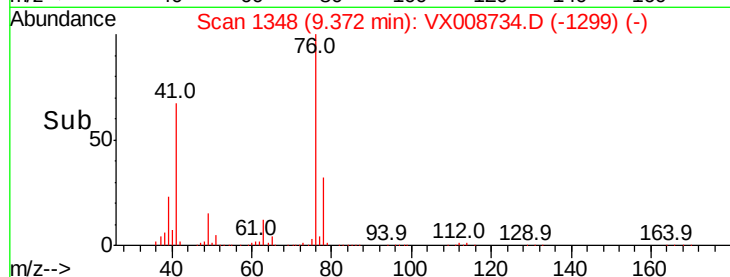
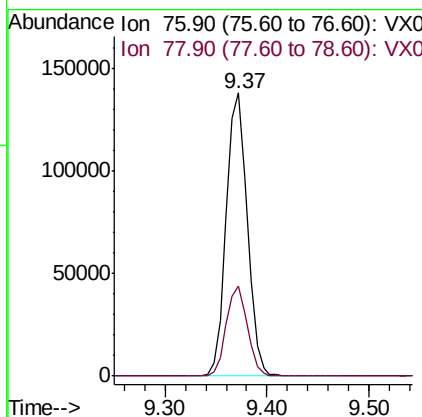
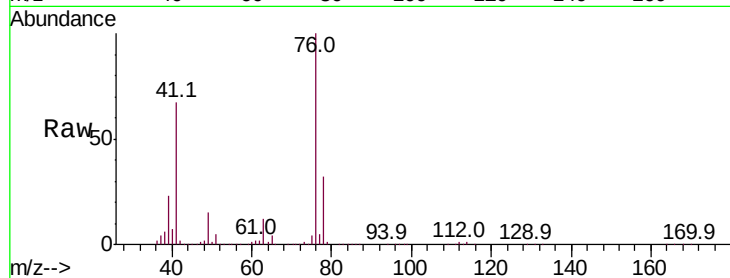
#57
 1,3-Dichloropropane
 Concen: 46.457 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX008734.D
 Acq: 06 Apr 2019 20:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.0	25.6	38.4

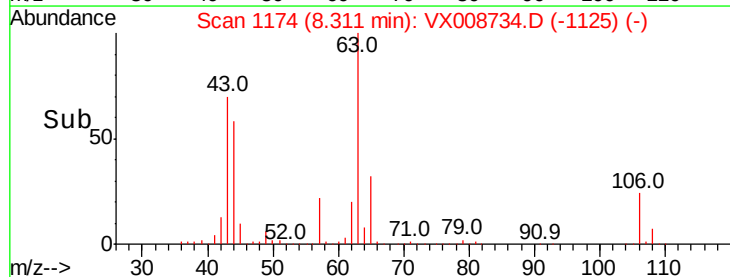
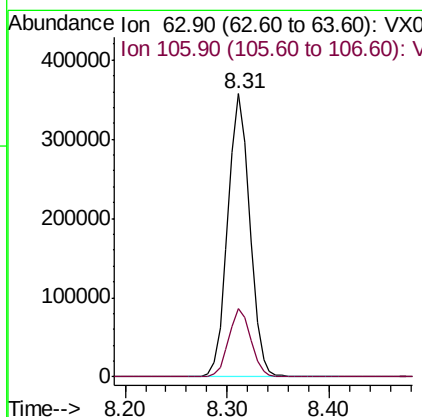
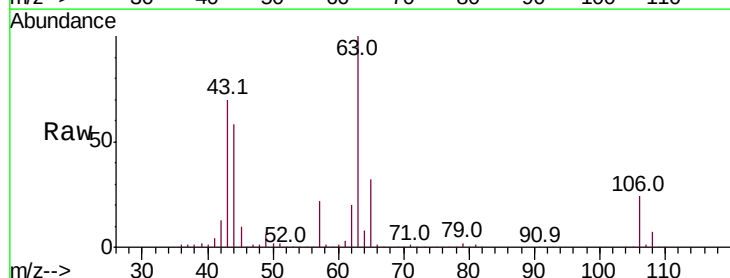
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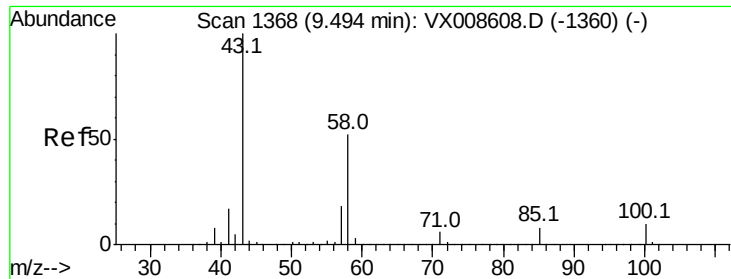
MMDadoda
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#58
 2-Chloroethyl Vinyl ether
 Concen: 244.135 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX008734.D
 Acq: 06 Apr 2019 20:32

Tgt Ion	Ratio	Lower	Upper
63	100		
106	24.1	19.0	28.6





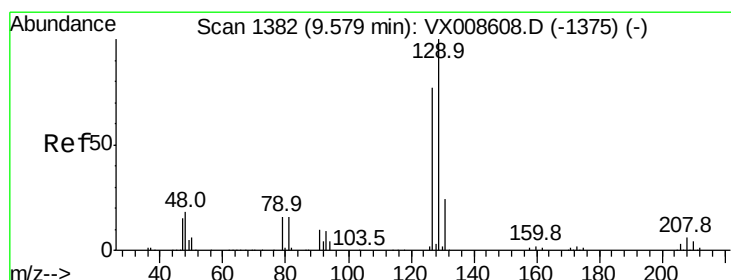
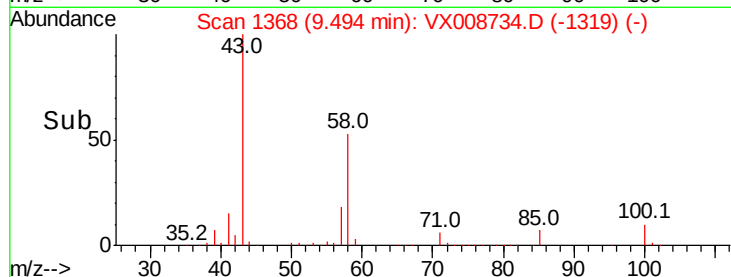
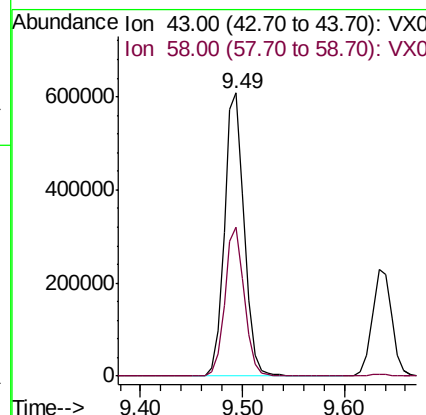
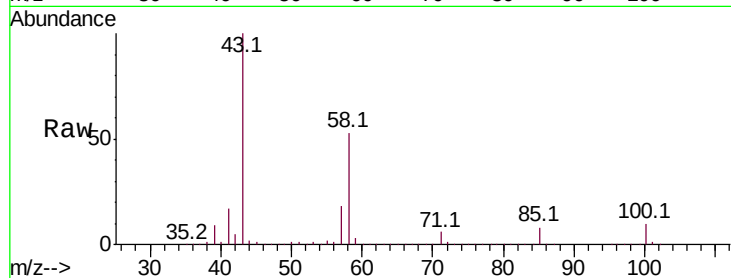
#59
2-Hexanone
Concen: 233.814 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX008734.D
Acq: 06 Apr 2019 20:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 820458
Ion Ratio Lower Upper
43 100
58 51.8 25.9 77.7

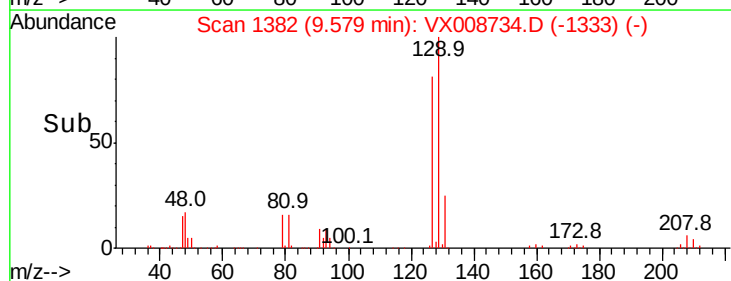
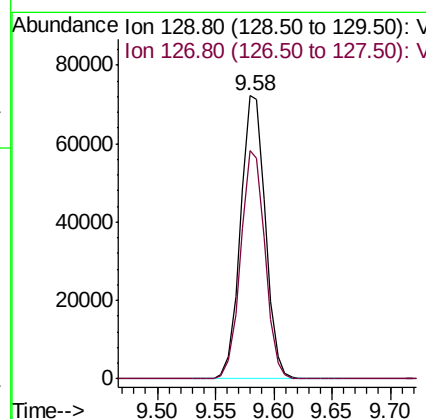
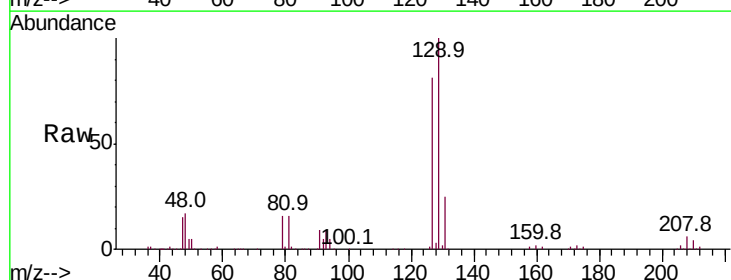
Manual Integrations
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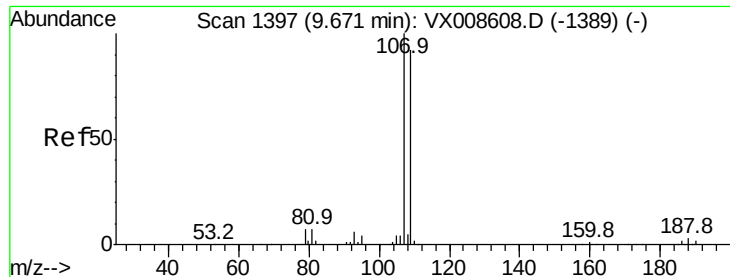
MMDadoda
4/9/2019 1:37:43 PM



#60
Dibromochloromethane
Concen: 48.111 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX008734.D
Acq: 06 Apr 2019 20:32

Tgt Ion: 129 Resp: 107218
Ion Ratio Lower Upper
129 100
127 79.2 38.5 115.3





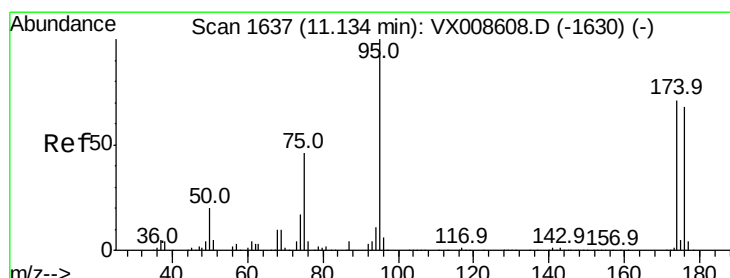
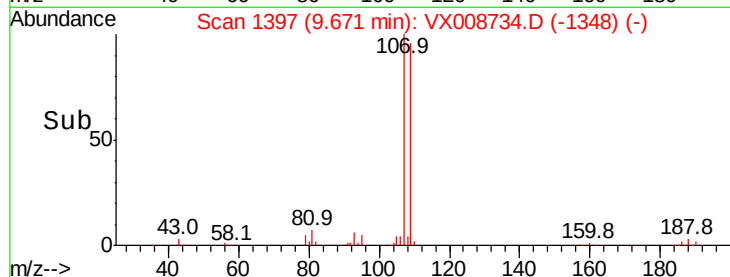
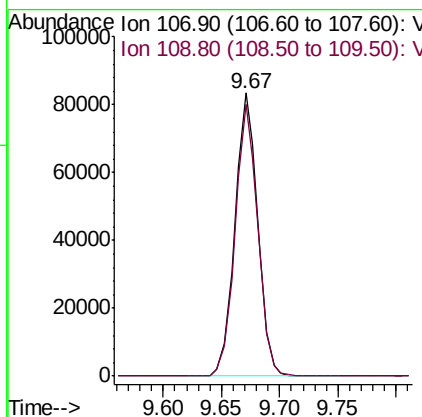
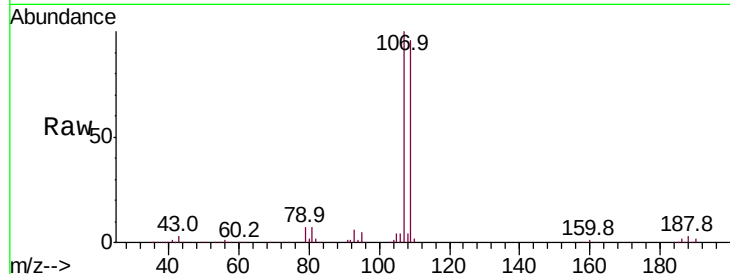
#61
 1,2-Dibromoethane
 Concen: 46.122 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX008734.D
 Acq: 06 Apr 2019 20:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
107	100	11354		
109	95.5	74.1	111.1	

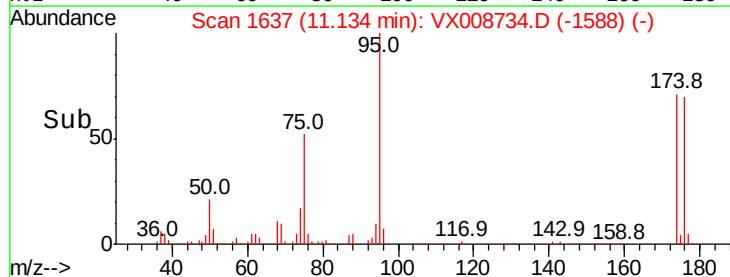
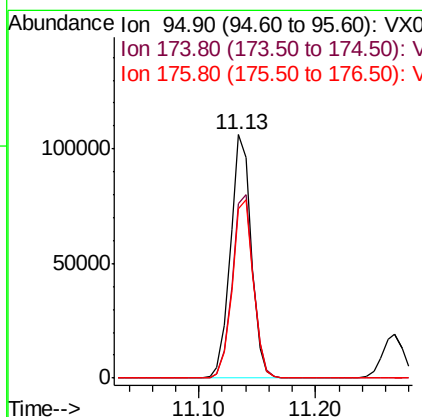
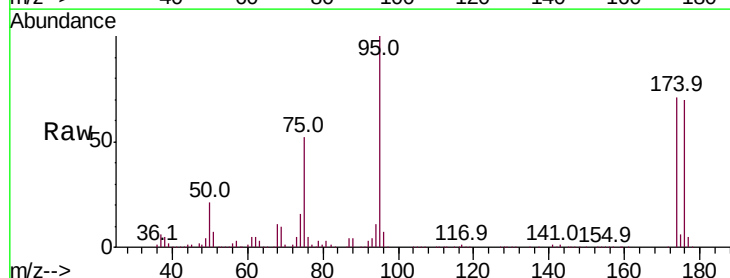
Manual Integrations
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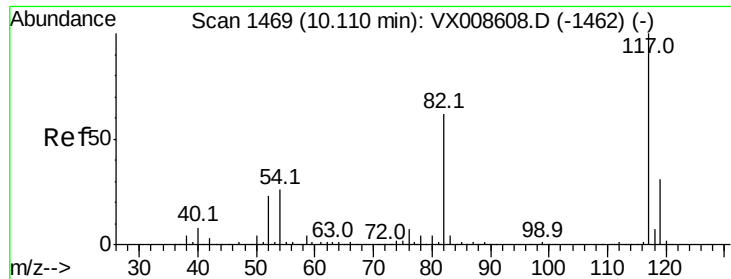
MMDadoda
 4/9/2019 1:37:43 PM



#62
 4-Bromofluorobenzene
 Concen: 47.577 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: VX008734.D
 Acq: 06 Apr 2019 20:32

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	131809		
174	76.6	0.0	151.8	
176	74.6	0.0	145.8	





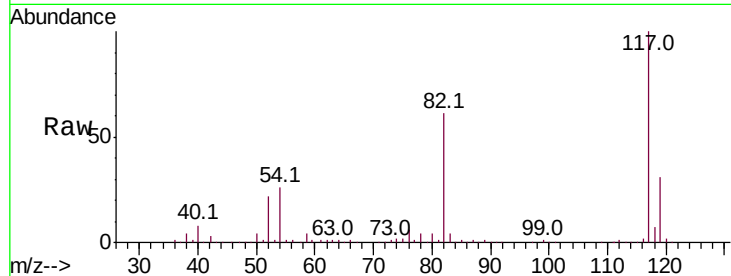
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008734.D
Acq: 06 Apr 2019 20:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	61.0	49.6	74.4
119	31.2	25.0	37.4

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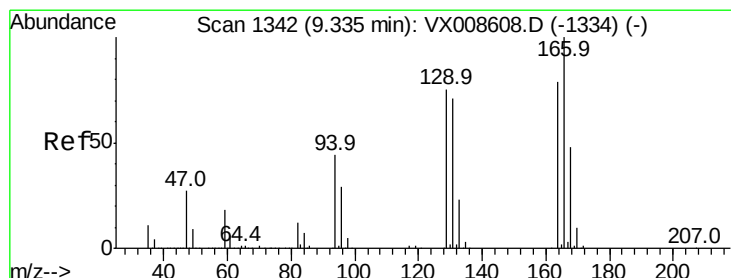
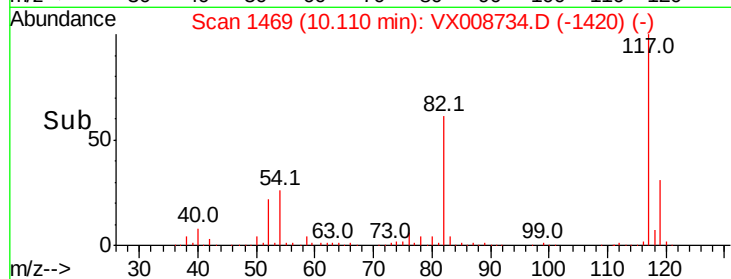
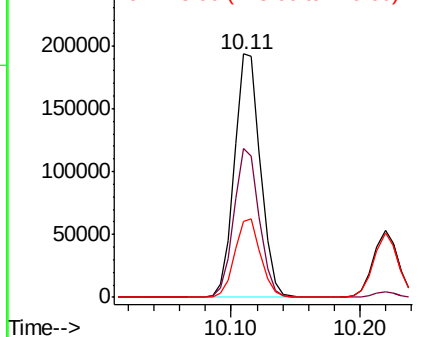


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 45.490 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX008734.D
Acq: 06 Apr 2019 20:32

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.6	101.0	151.6
129	96.0	75.8	113.8
131	92.8	71.8	107.8

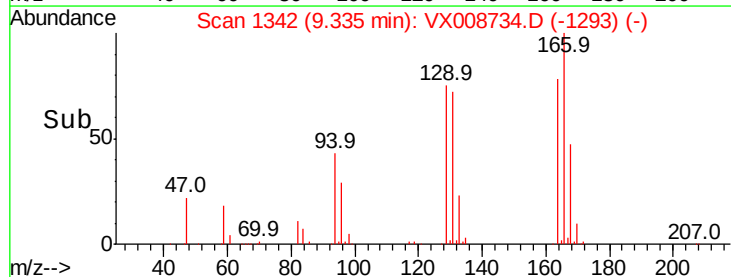
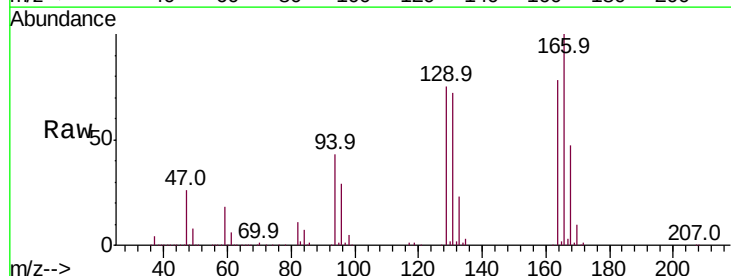
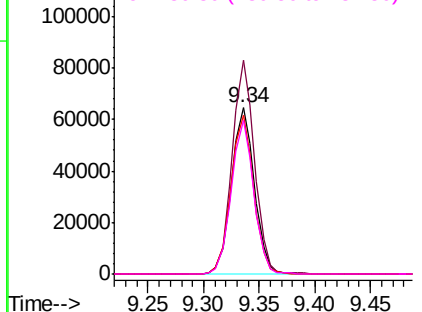
Abundance

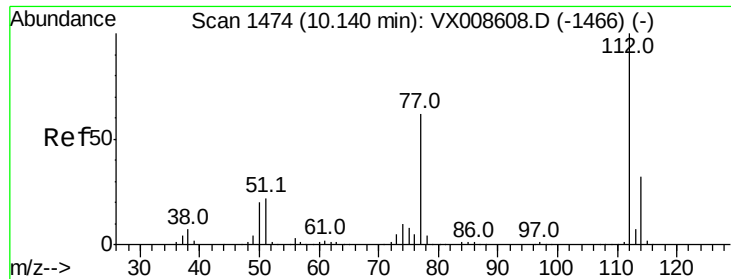
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





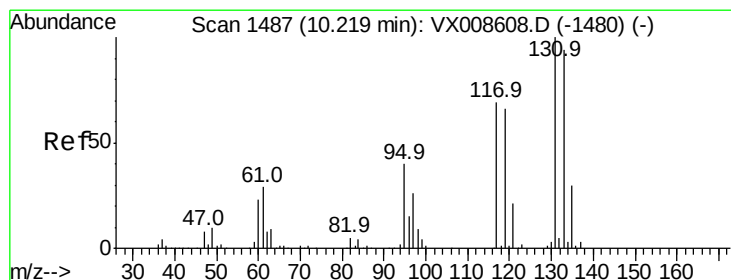
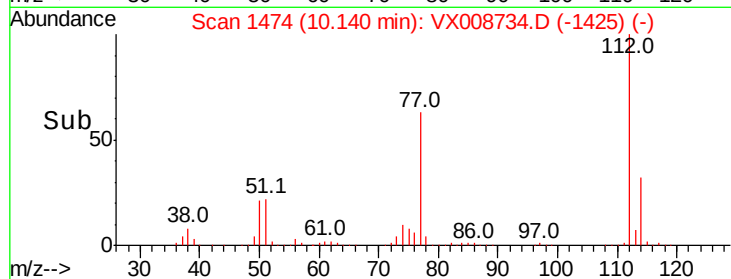
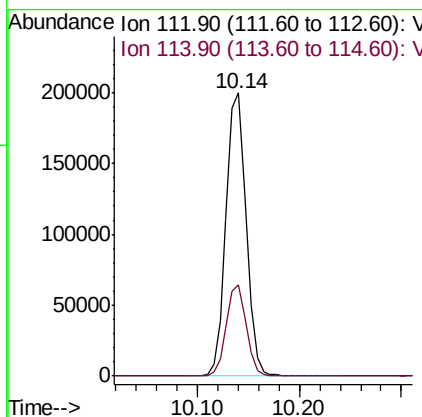
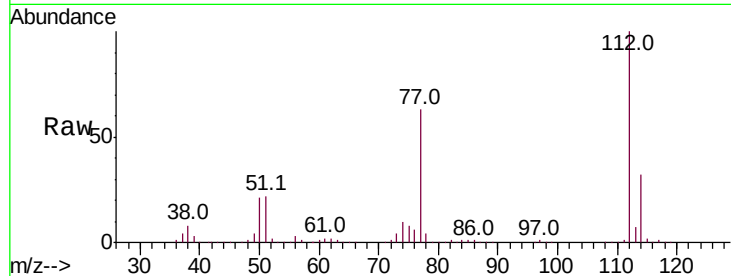
#65
Chlorobenzene
Concen: 45.485 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX008734.D
Acq: 06 Apr 2019 20:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.4	25.8	38.8

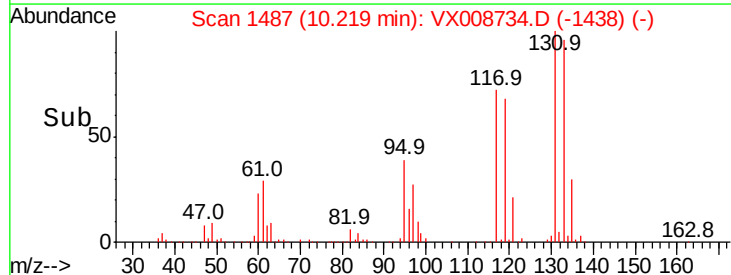
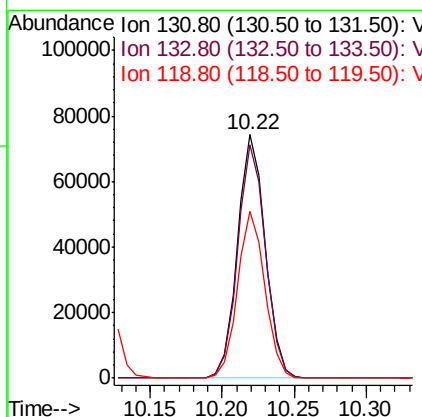
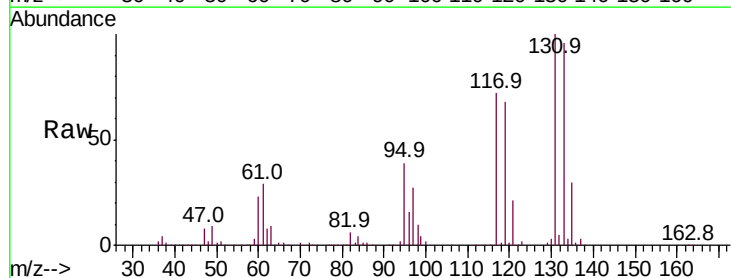
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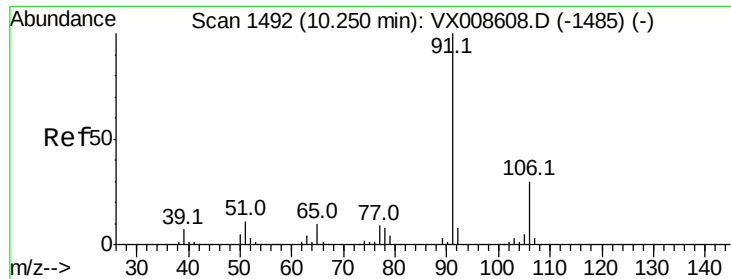
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 46.935 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX008734.D
Acq: 06 Apr 2019 20:32

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.6	47.0	141.2
119	67.6	33.7	101.0





#67

Ethyl Benzene

Concen: 45.598 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX008734.D

Acq: 06 Apr 2019 20:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 512538

Ion Ratio Lower Upper

91 100

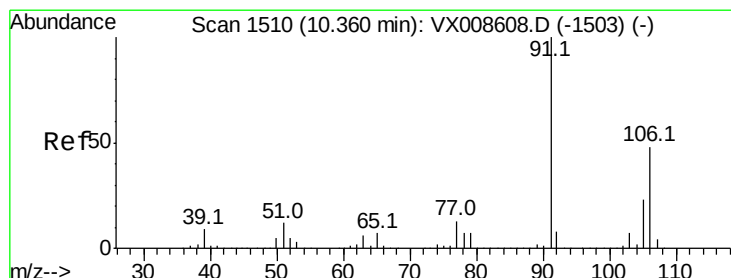
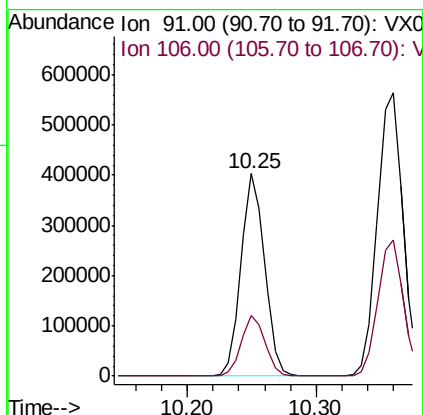
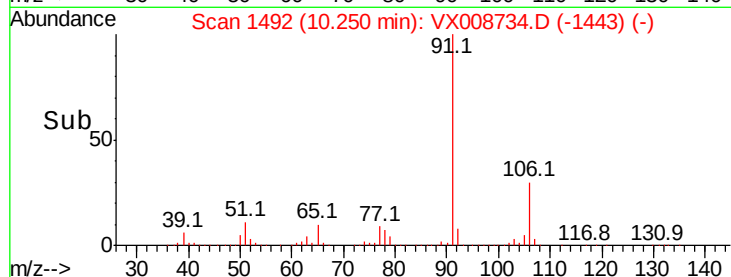
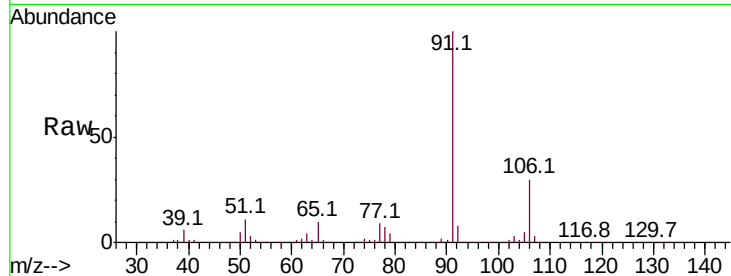
106 29.8 23.7 35.5

Manual Integrations

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#68

m/p-Xylenes

Concen: 91.088 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX008734.D

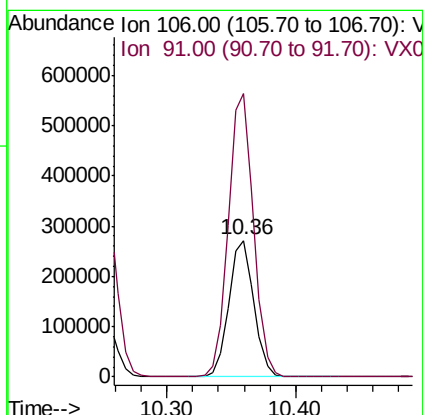
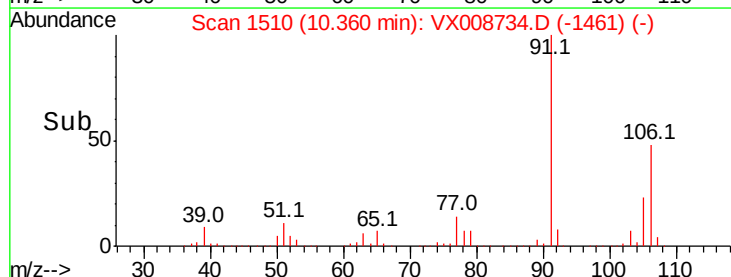
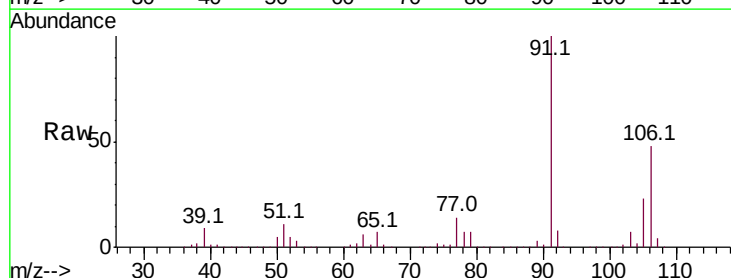
Acq: 06 Apr 2019 20:32

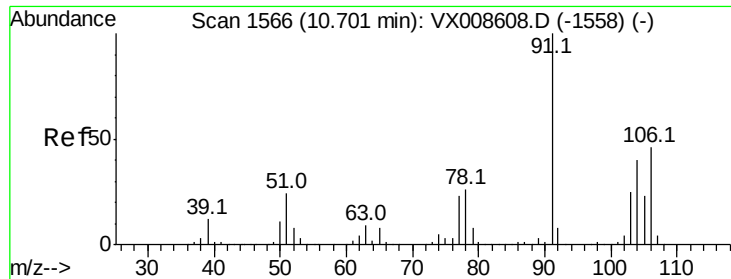
Tgt Ion: 106 Resp: 368130

Ion Ratio Lower Upper

106 100

91 209.4 168.5 252.7





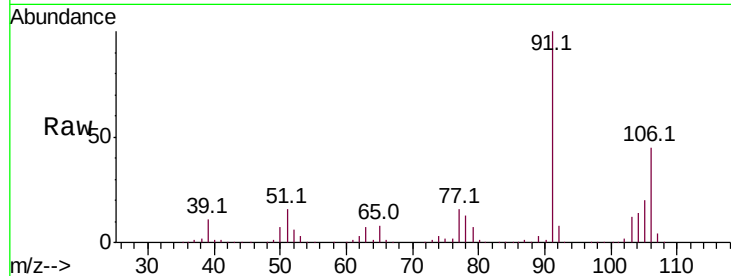
#69
o-Xylene
Concen: 46.099 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX008734.D
Acq: 06 Apr 2019 20:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

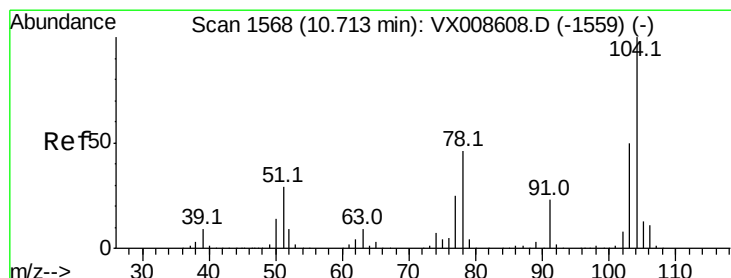
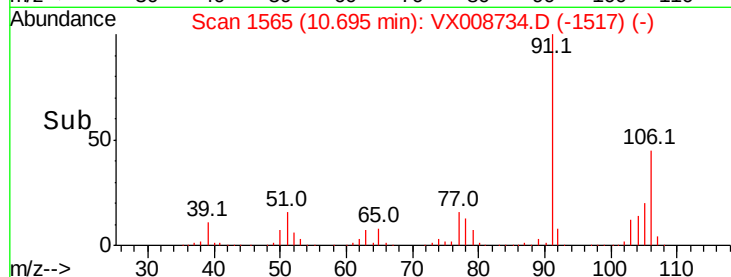
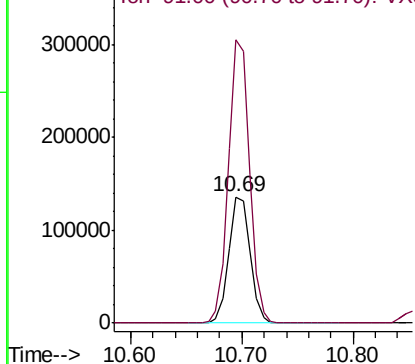
Tot Ion:106 Resp: 180554
Ion Ratio Lower Upper
106 100
91 221.8 111.5 334.4

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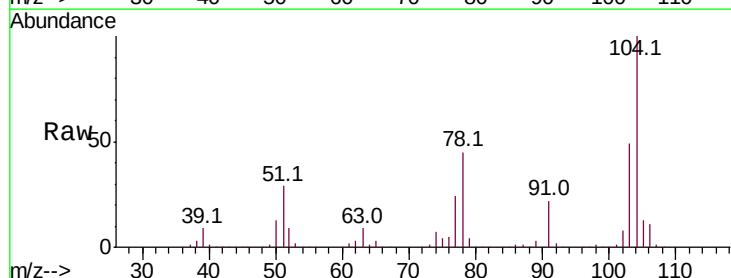


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

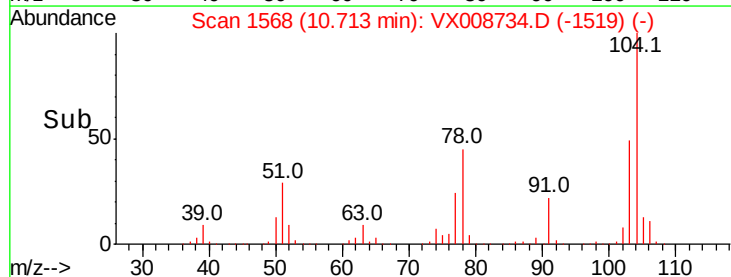
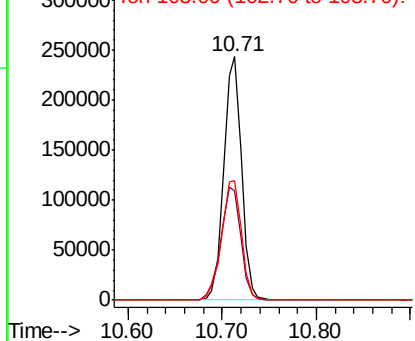


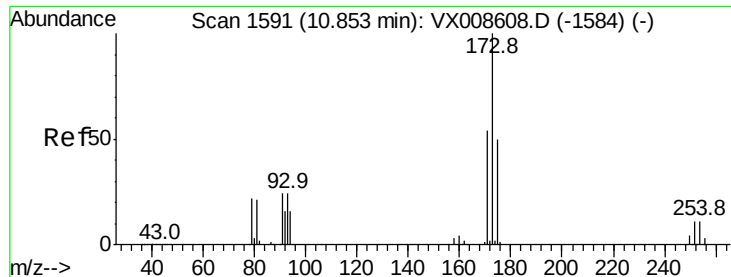
#70
Styrene
Concen: 46.846 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX008734.D
Acq: 06 Apr 2019 20:32

Tgt Ion:104 Resp: 316275
Ion Ratio Lower Upper
104 100
78 52.3 42.3 63.5
103 54.8 44.4 66.6



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





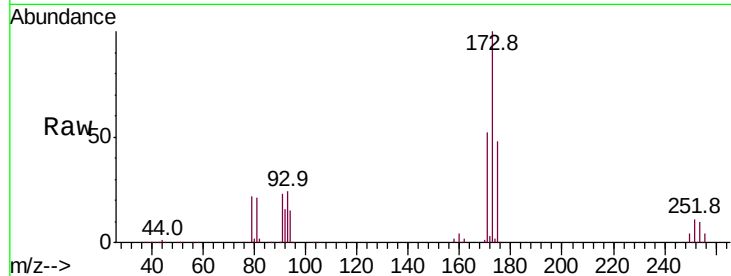
#71
Bromoform
Concen: 48.347 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX008734.D
Acq: 06 Apr 2019 20:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.5	24.9	74.6
254	0.2	0.1	0.1#

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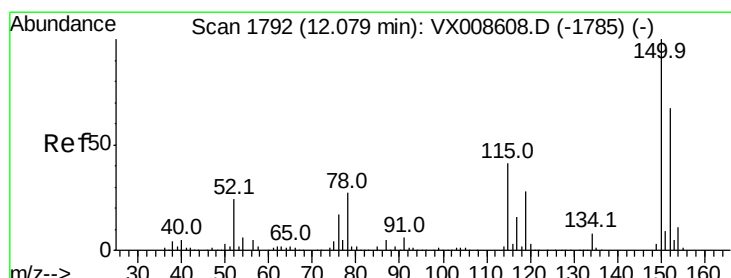
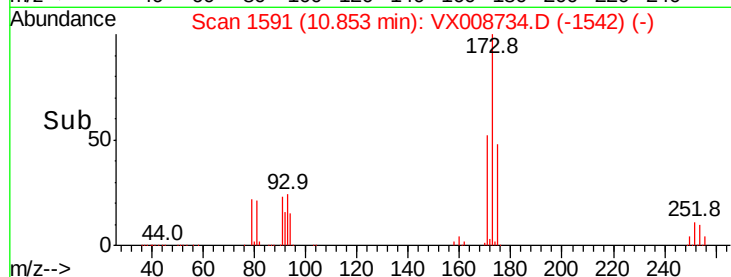
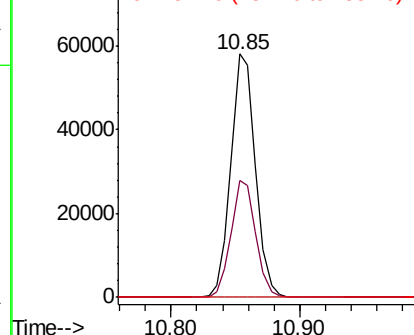


Abundance

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: VX008734.D
Acq: 06 Apr 2019 20:32

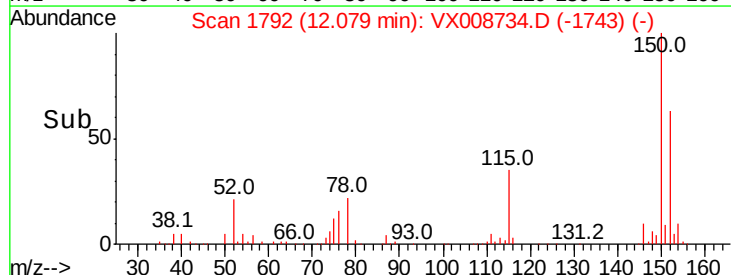
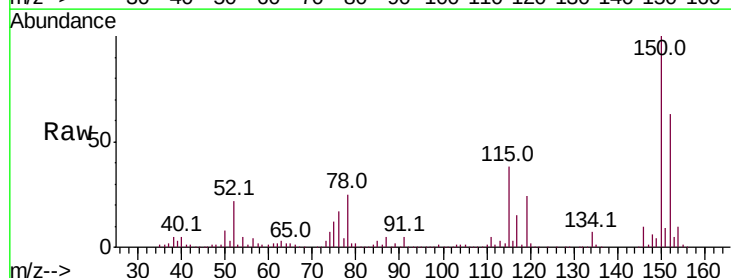
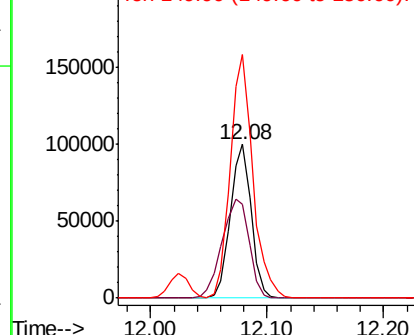
Tgt Ion	Ratio	Lower	Upper
152	100		
115	83.8	43.5	130.5
150	172.5	0.0	348.8

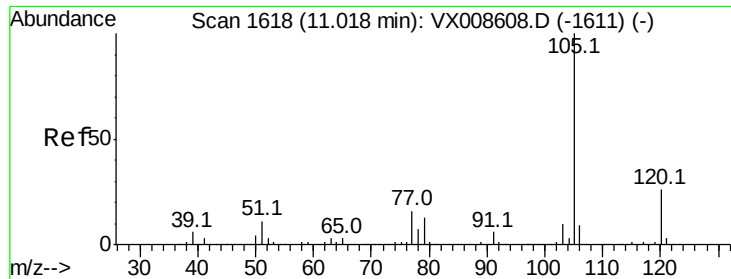
Abundance

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





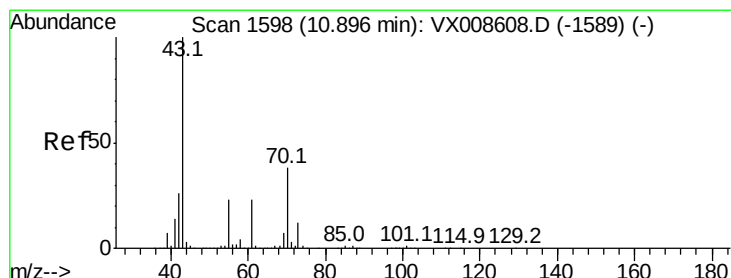
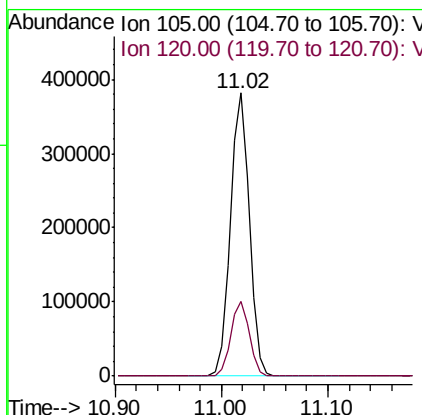
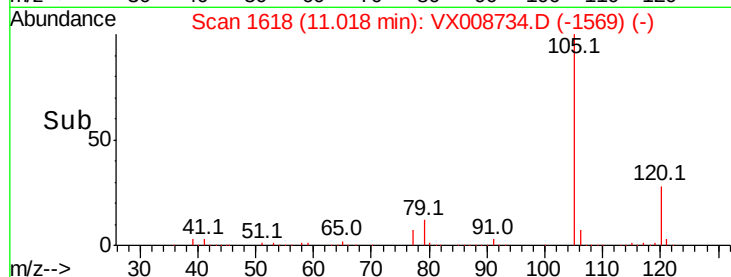
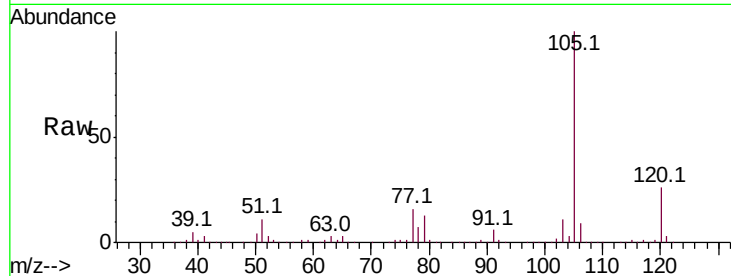
#73
Isopropylbenzene
Concen: 46.744 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX008734.D
Acq: 06 Apr 2019 20:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 105 Resp: 476616
Ion Ratio Lower Upper
105 100
120 26.0 12.9 38.6

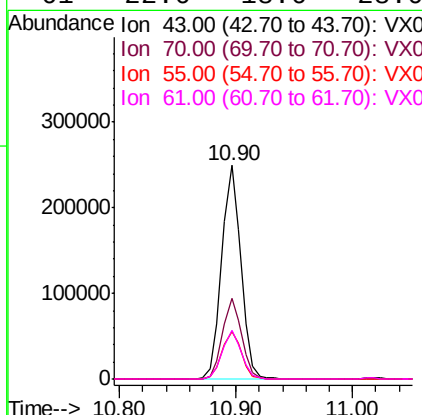
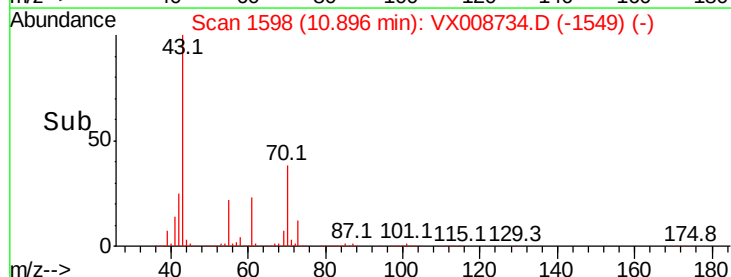
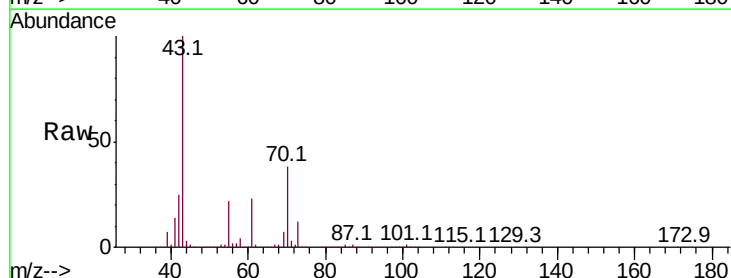
Manual Integrations
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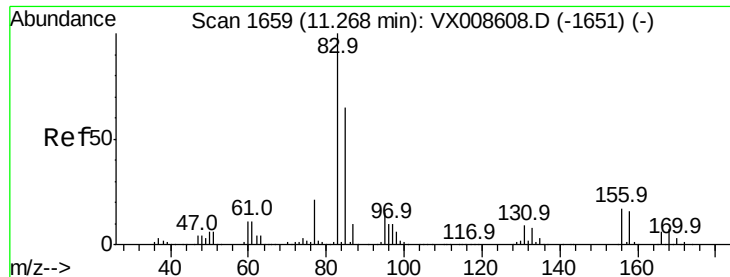
MMDadoda
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#74
N-ethyl acetate
Concen: 47.212 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. 0.00 min
Lab File: VX008734.D
Acq: 06 Apr 2019 20:32

Tgt Ion: 43 Resp: 283215
Ion Ratio Lower Upper
43 100
70 37.5 30.2 45.4
55 22.7 18.2 27.4
61 22.6 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 45.172 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX008734.D

Acq: 06 Apr 2019 20:32

Instrument :

MSVOA_X

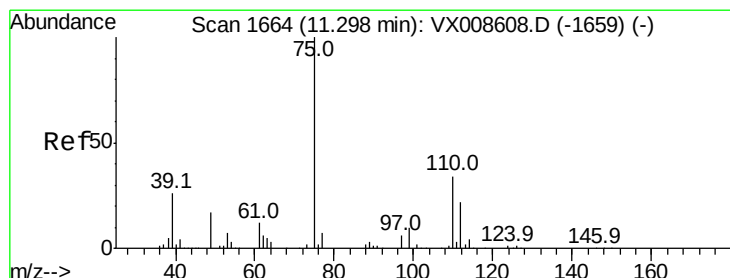
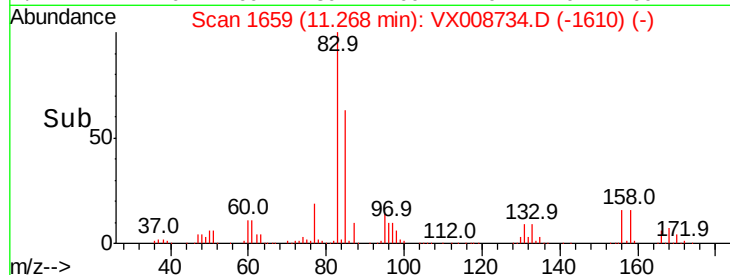
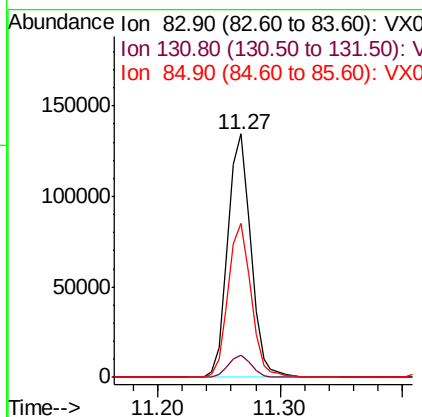
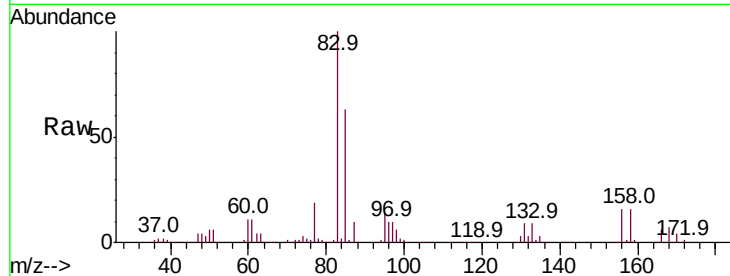
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	175165
Ion Ratio	Lower	Upper	
83	100		
131	9.2	4.5	13.7
85	63.3	32.0	96.2

Manual Integrations
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4/9/2019 1:37:43 PM



#76

1,2,3-Trichloropropane

Concen: 45.147 ug/l m

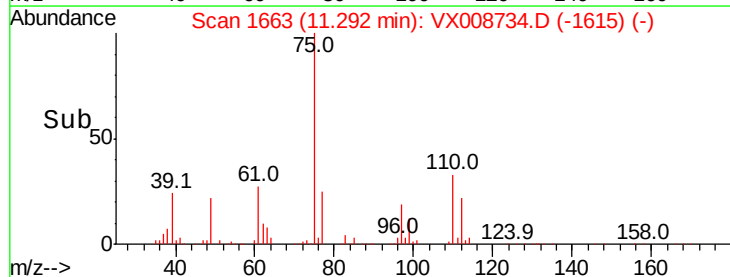
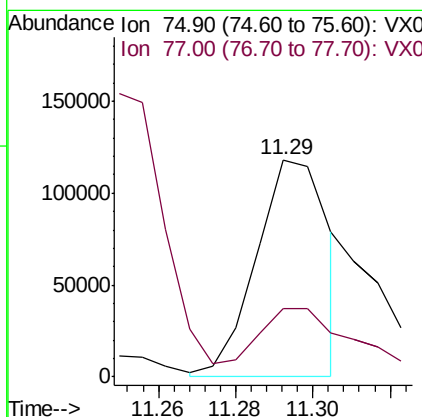
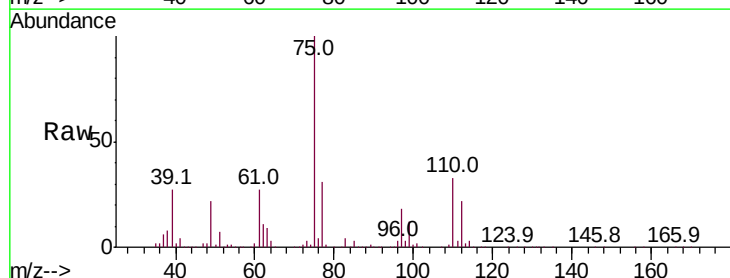
RT: 11.29 min Scan# 1663

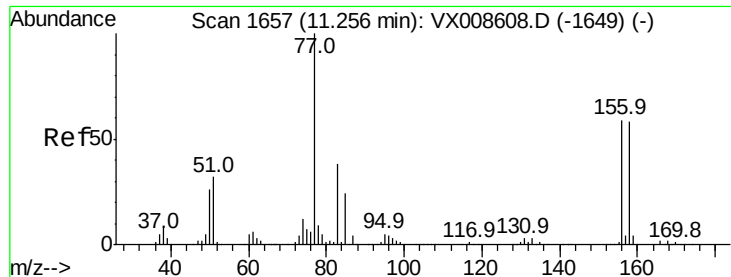
Delta R.T. -0.01 min

Lab File: VX008734.D

Acq: 06 Apr 2019 20:32

Tgt Ion:	75	Resp:	152589
Ion Ratio	Lower	Upper	
75	100		
77	43.0	22.3	66.8





#77

Bromobenzene

Concen: 46.518 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX008734.D

Acq: 06 Apr 2019 20:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:156 Resp: 114024

Ion Ratio Lower Upper

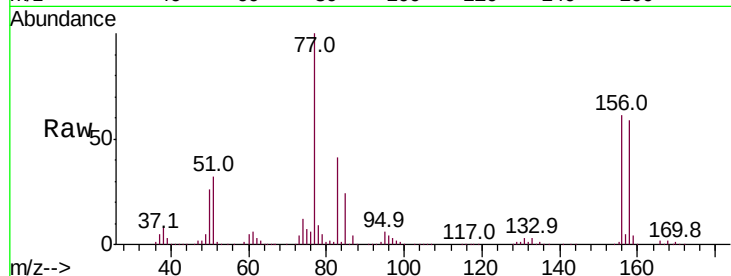
156 100

77 175.2 89.8 269.6

158 97.6 48.6 145.9

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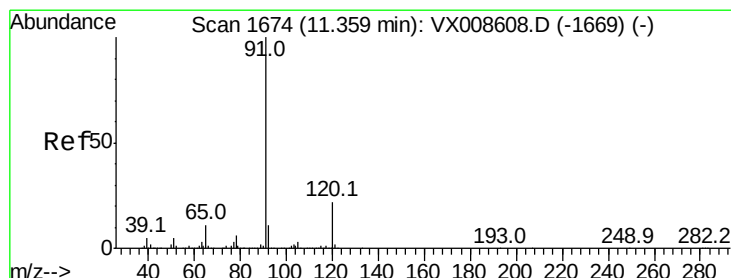
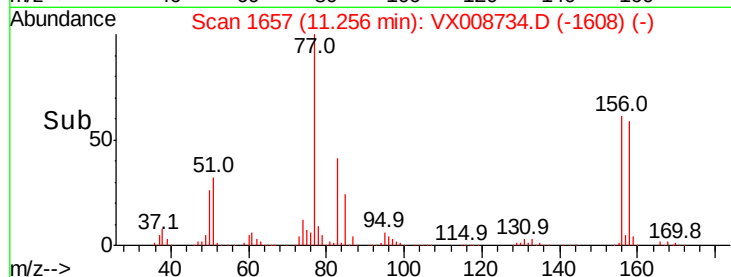
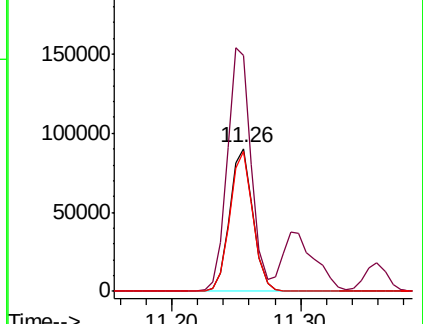
MMDadoda
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 46.142 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX008734.D

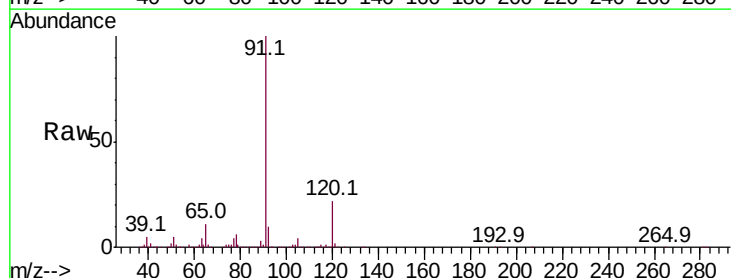
Acq: 06 Apr 2019 20:32

Tgt Ion: 91 Resp: 547800

Ion Ratio Lower Upper

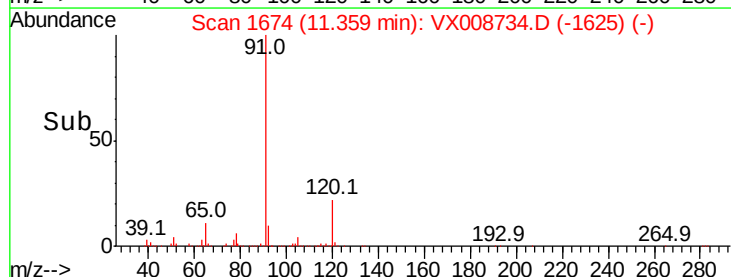
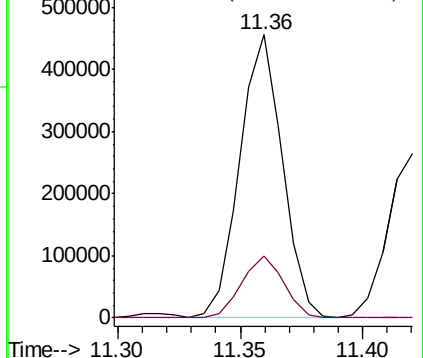
91 100

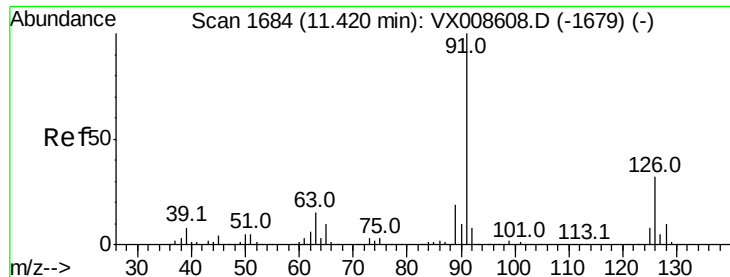
120 21.8 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 45.866 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX008734.D

Acq: 06 Apr 2019 20:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 329527

Ion Ratio Lower Upper

91 100

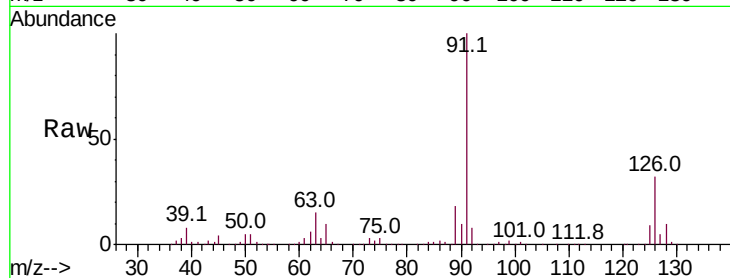
126 31.7 16.1 48.3

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX008608.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX008608.D (-1679) (-)

500000

400000

300000

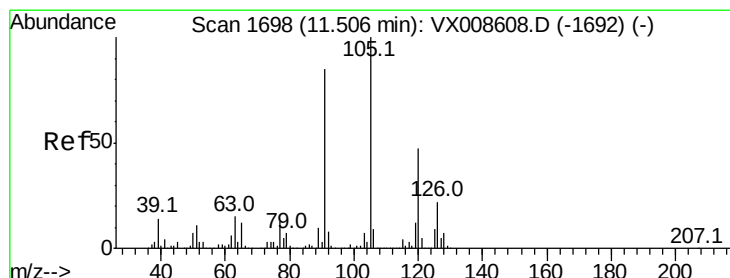
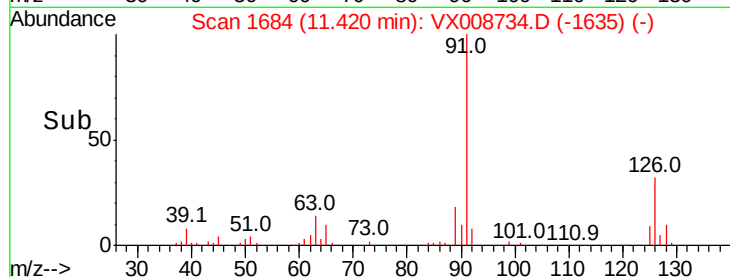
200000

100000

0

11.40 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 46.603 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX008734.D

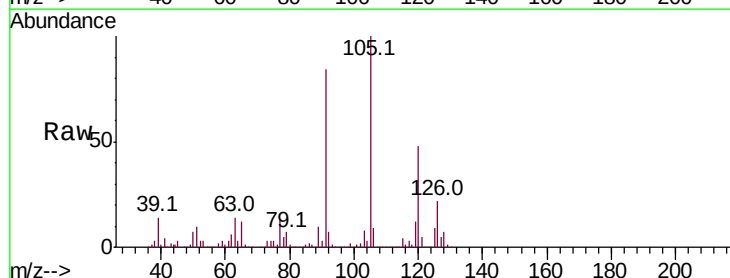
Acq: 06 Apr 2019 20:32

Tgt Ion: 105 Resp: 398868

Ion Ratio Lower Upper

105 100

120 48.0 23.5 70.6



Abundance Ion 105.00 (104.70 to 105.70): VX008608.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX008608.D (-1692) (-)

300000

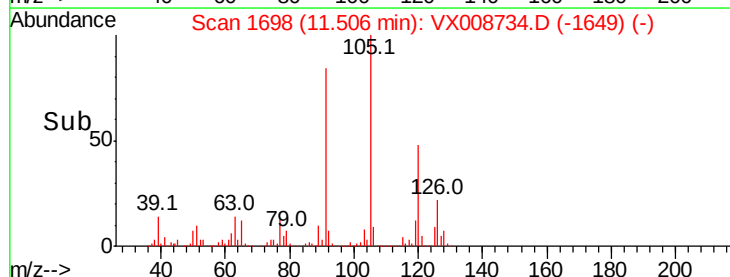
200000

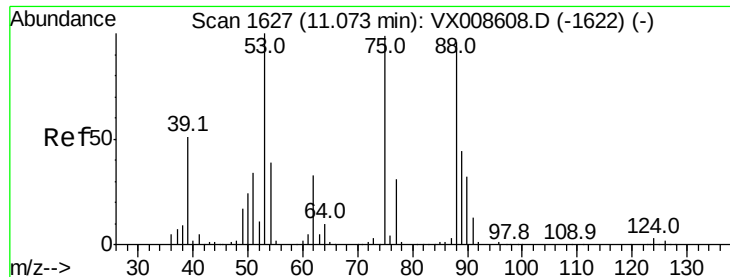
100000

0

11.45 11.50 11.55

Time-->





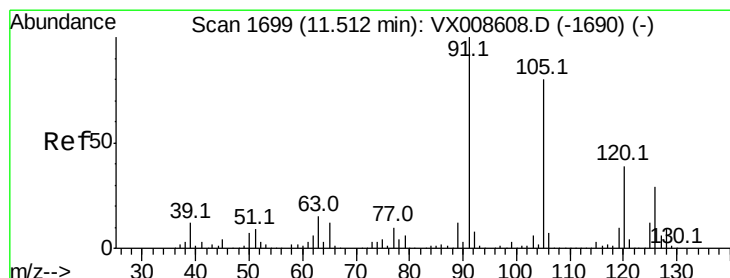
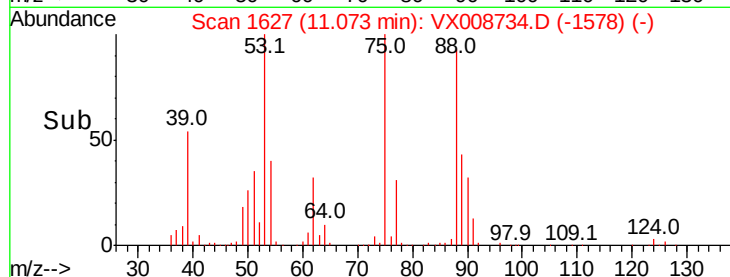
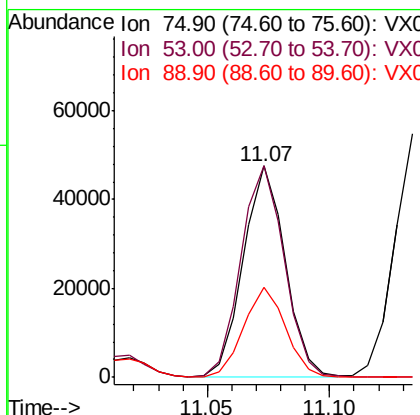
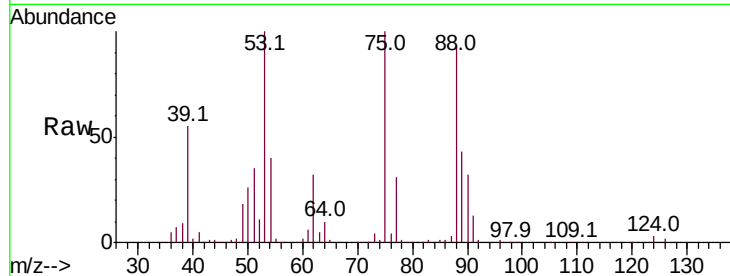
#81
trans-1,4-Dichloro-2-butene
Concen: 46.040 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX008734.D
Acq: 06 Apr 2019 20:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	103.4	81.3	121.9
89	42.9	35.6	53.4

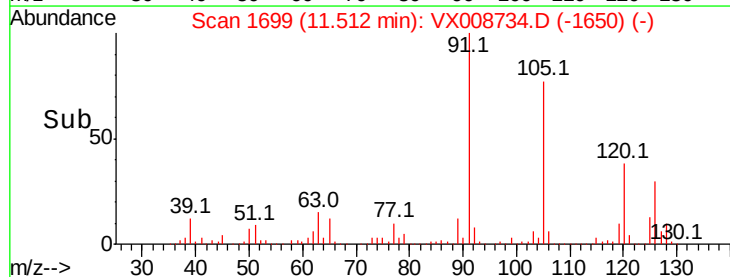
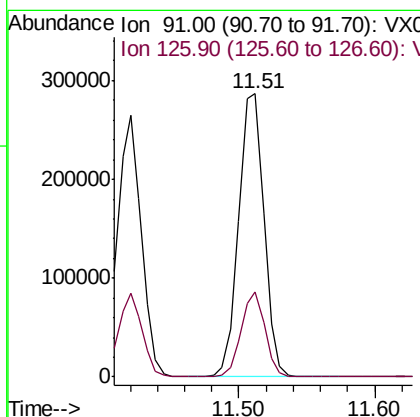
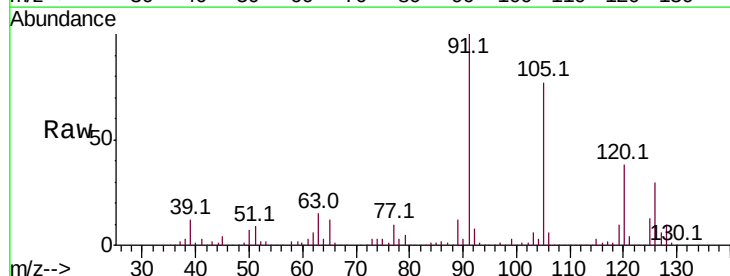
Manual Integrations
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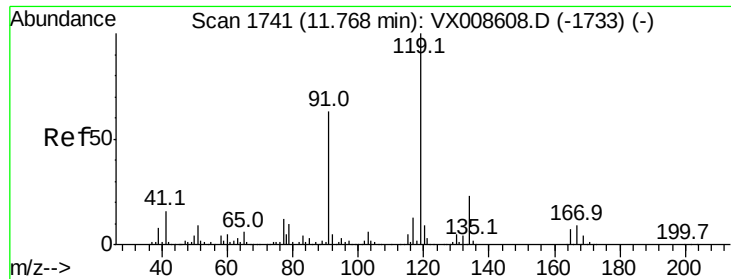
MMDadoda
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#82
4-Chlorotoluene
Concen: 44.760 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX008734.D
Acq: 06 Apr 2019 20:32

Tgt Ion	Ratio	Lower	Upper
91	100		
126	28.2	13.9	41.6





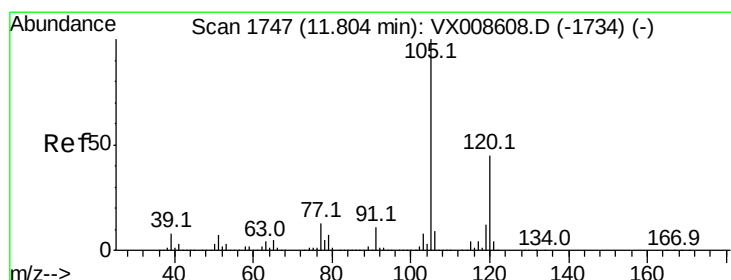
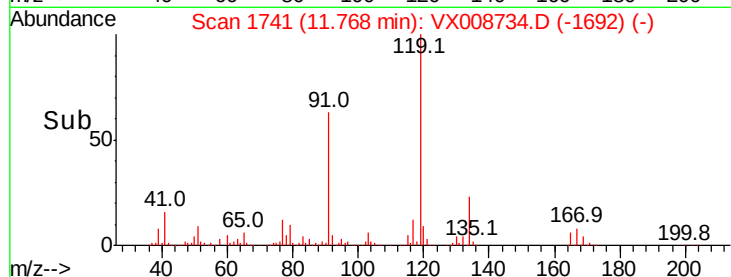
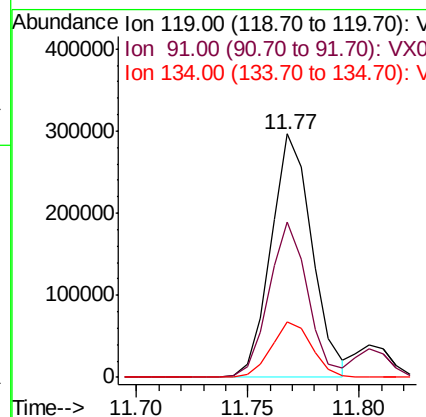
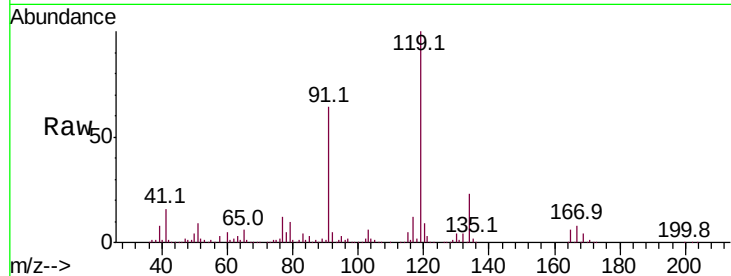
#83
tert-Butylbenzene
Concen: 46.044 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX008734.D
Acq: 06 Apr 2019 20:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	379138		
91	60.2	30.0	90.1	
134	22.3	11.1	33.3	

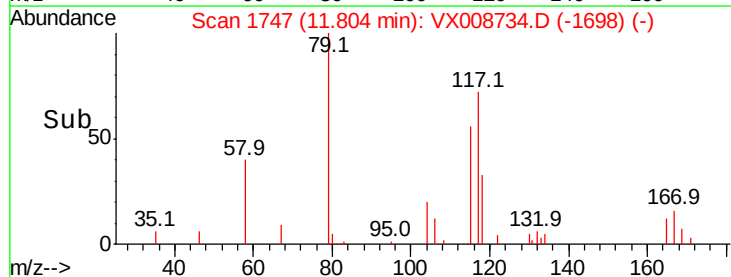
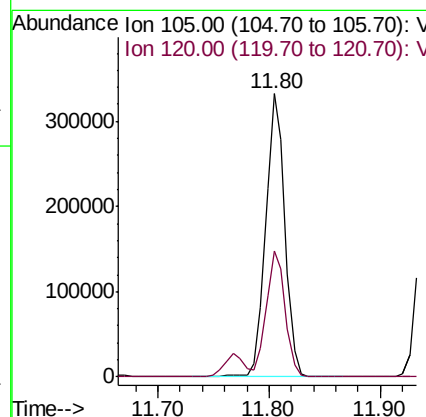
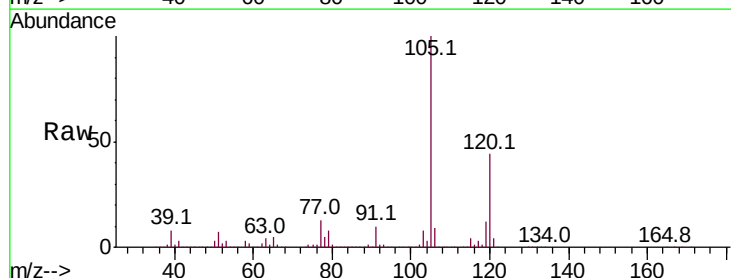
Manual Integrations
APPROVED

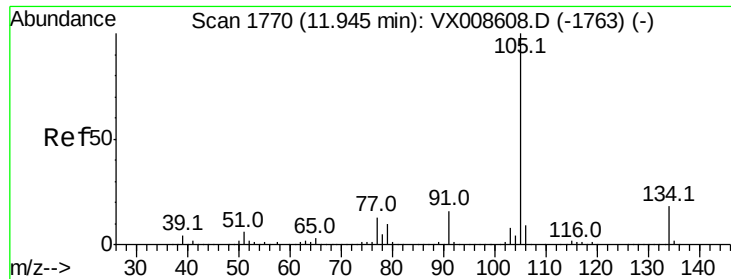
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 46.292 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX008734.D
Acq: 06 Apr 2019 20:32

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	401184		
120	43.5	21.8	65.3	





#85

sec-Butylbenzene

Concen: 46.019 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX008734.D

Acq: 06 Apr 2019 20:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 450103

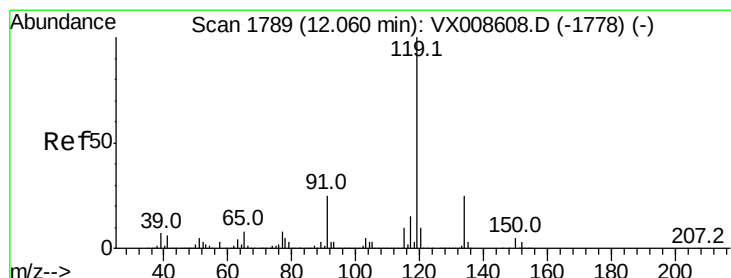
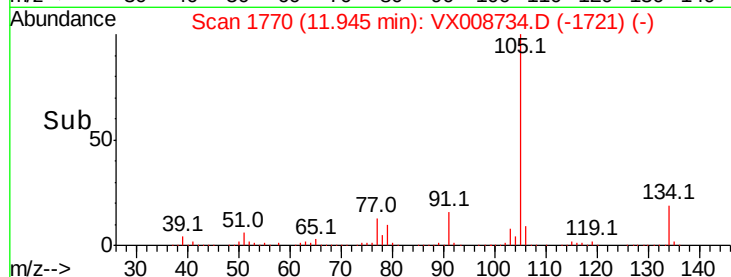
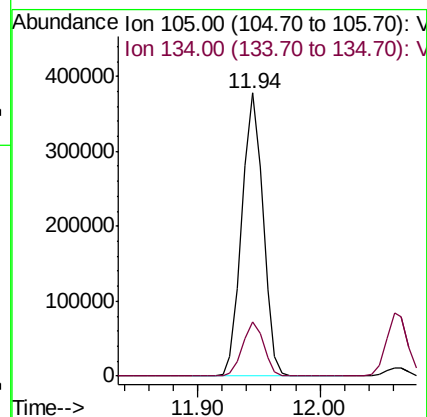
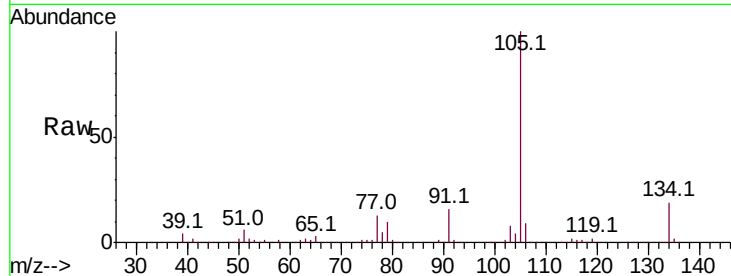
Ion Ratio Lower Upper

105 100

134 19.0 9.4 28.2

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 46.614 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX008734.D

Acq: 06 Apr 2019 20:32

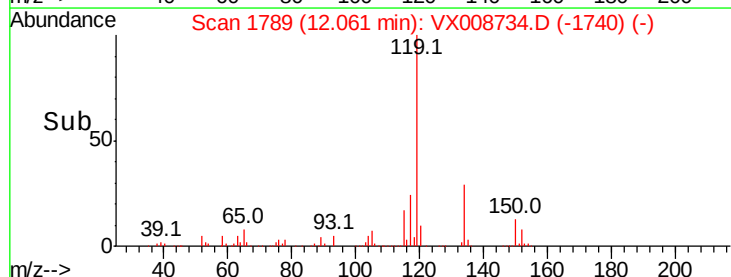
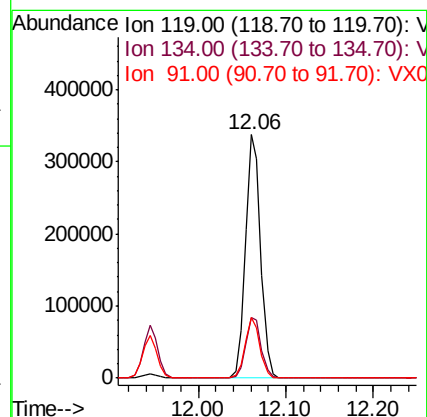
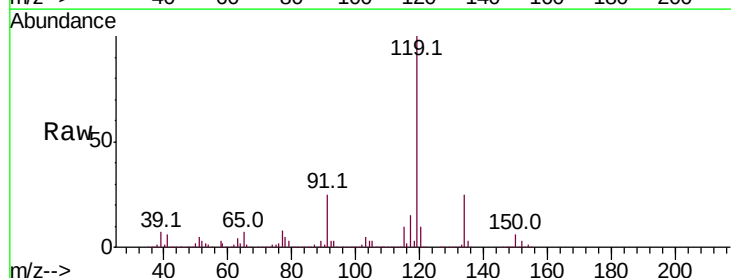
Tgt Ion:119 Resp: 409214

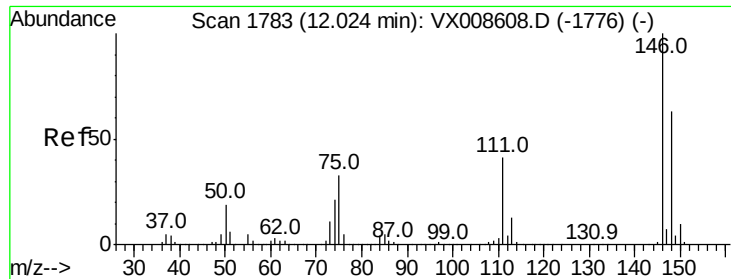
Ion Ratio Lower Upper

119 100

134 25.4 12.8 38.4

91 24.1 12.2 36.6





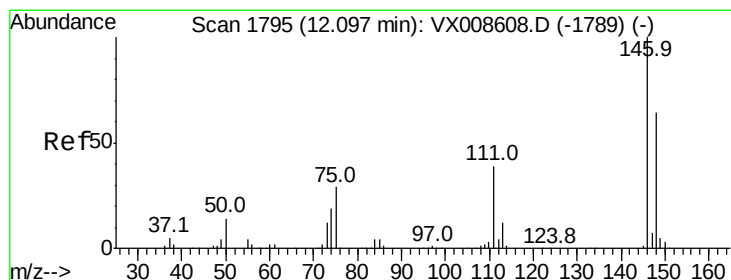
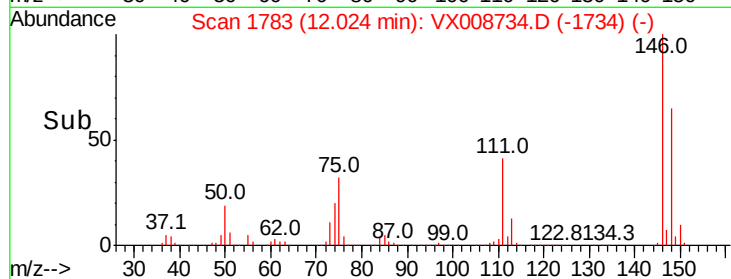
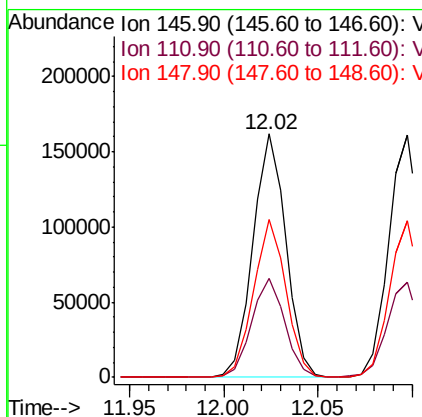
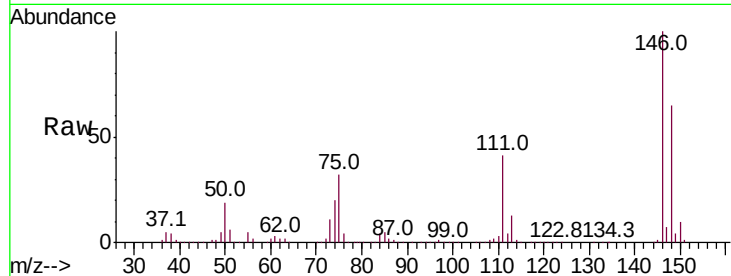
#87
 1,3-Dichlorobenzene
 Concen: 44.661 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX008734.D
 Acq: 06 Apr 2019 20:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.2	20.5	61.5
148	63.8	31.6	94.7

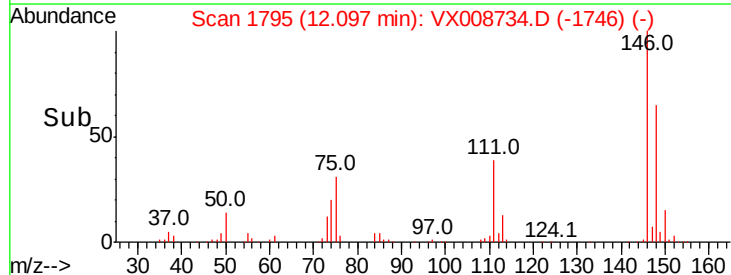
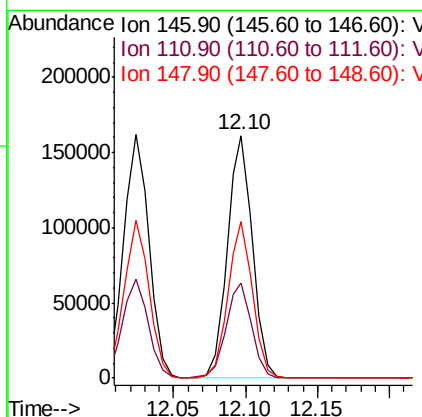
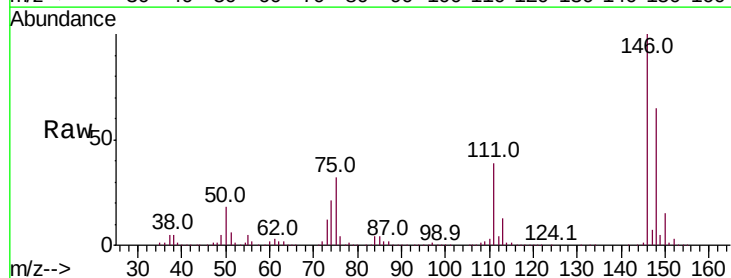
Manual Integrations
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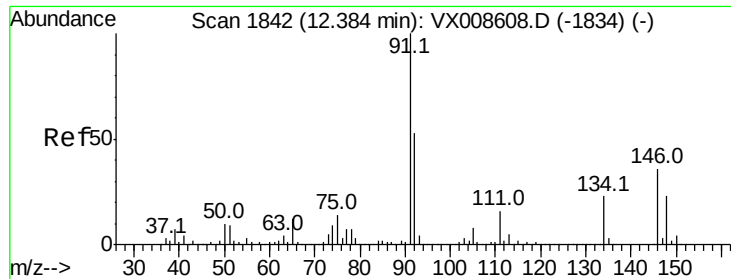
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#88
 1,4-Dichlorobenzene
 Concen: 44.288 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX008734.D
 Acq: 06 Apr 2019 20:32

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.1	20.2	60.6
148	63.6	32.0	96.0





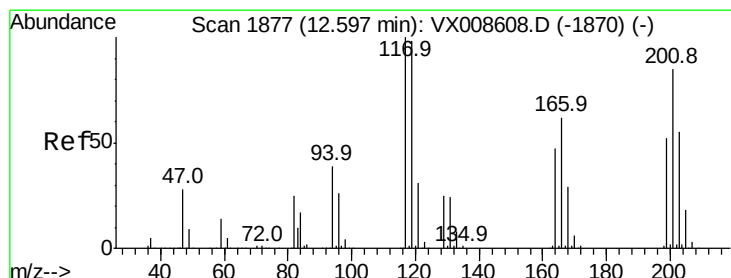
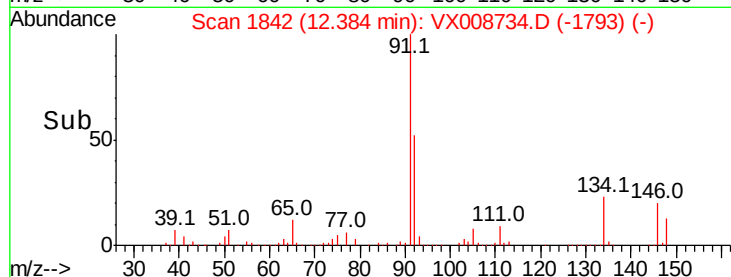
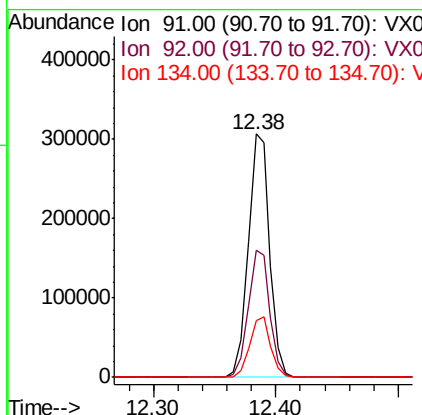
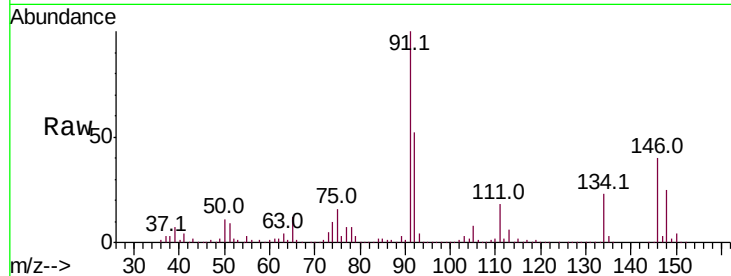
#89
n-Butylbenzene
Concen: 45.097 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX008734.D
Acq: 06 Apr 2019 20:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.6	26.4	79.2
134	24.3	12.0	36.0

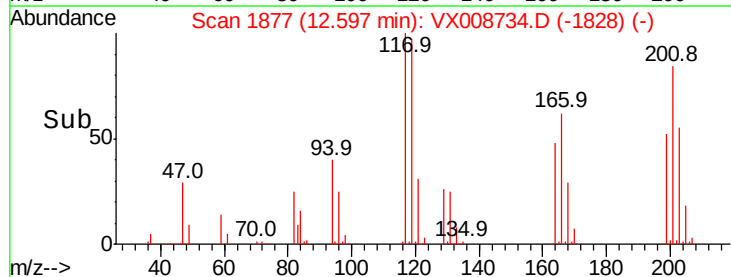
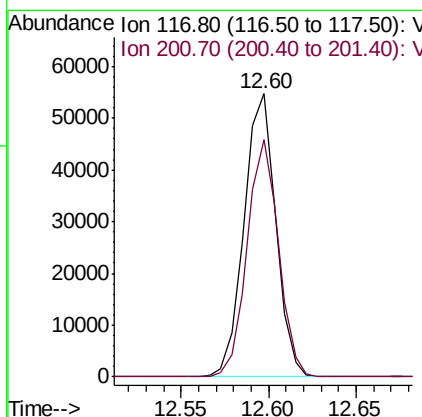
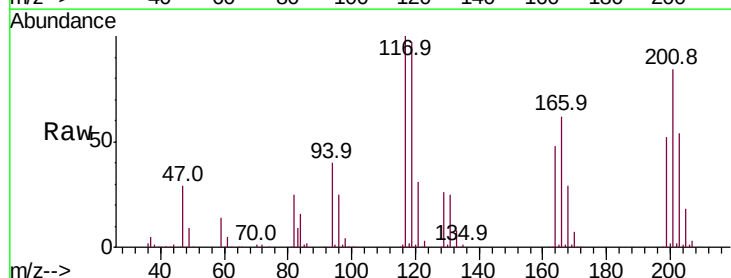
Manual Integrations
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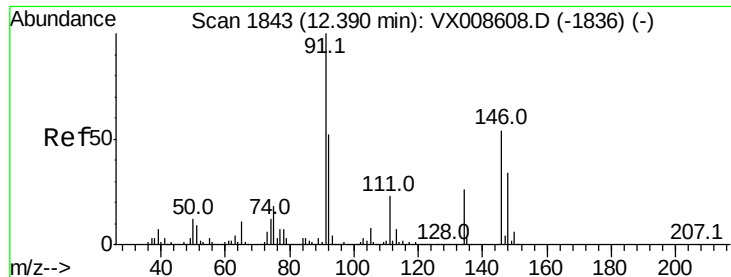
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#90
Hexachloroethane
Concen: 47.432 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX008734.D
Acq: 06 Apr 2019 20:32

Tgt Ion	Ratio	Lower	Upper
117	100		
201	82.5	40.6	122.0





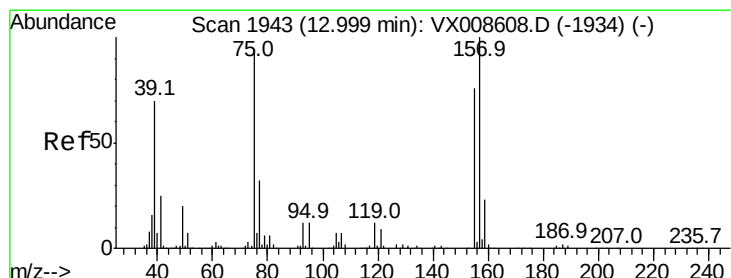
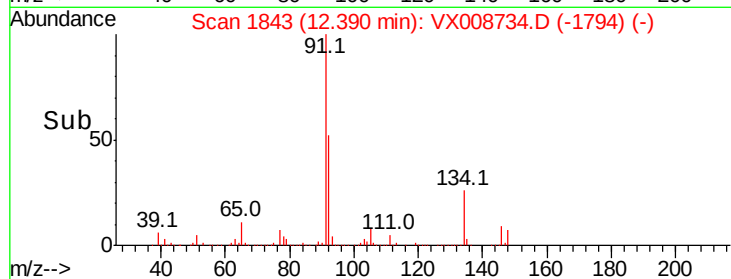
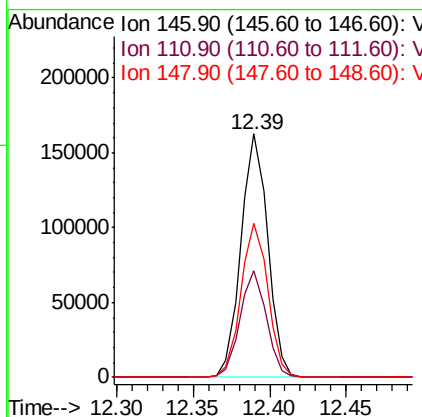
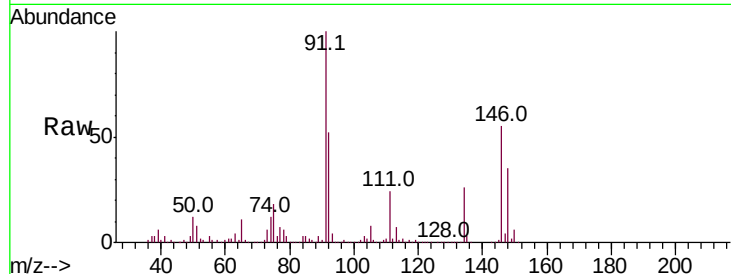
#91
 1,2-Dichlorobenzene
 Concen: 45.322 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX008734.D
 Acq: 06 Apr 2019 20:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.0	21.3	63.9
148	63.5	31.7	95.1

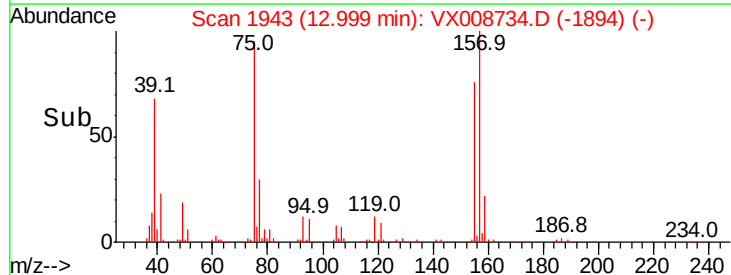
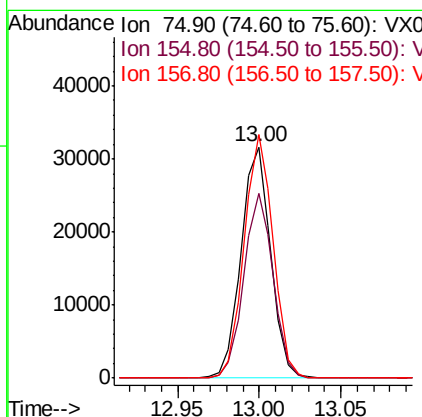
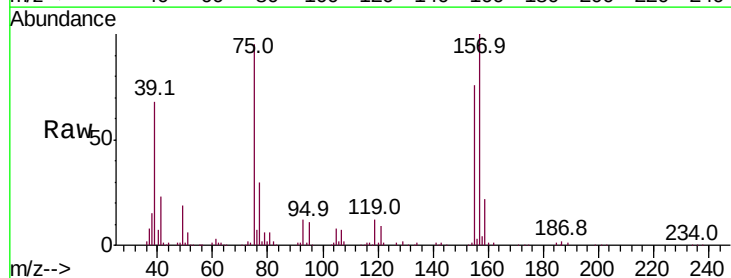
Manual Integrations
 APPROVED

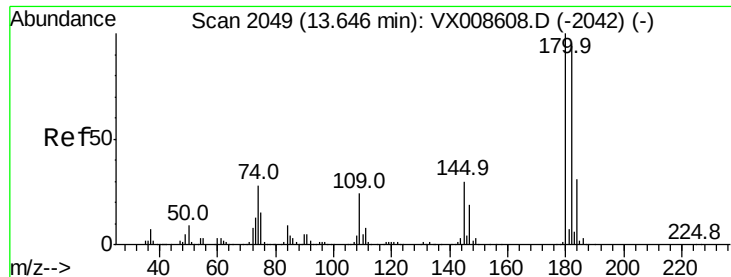
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 4/9/2019 1:37:43 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.755 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX008734.D
 Acq: 06 Apr 2019 20:32

Tgt Ion	Ratio	Lower	Upper
75	100		
155	79.4	39.9	119.6
157	103.6	51.5	154.7





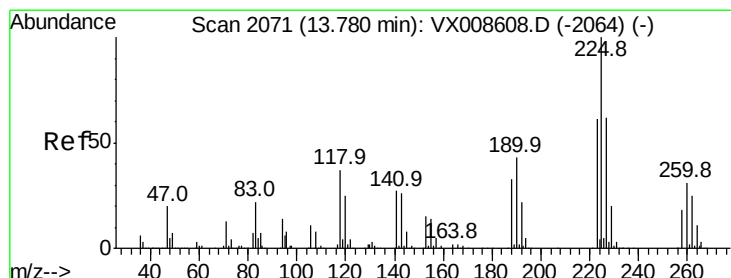
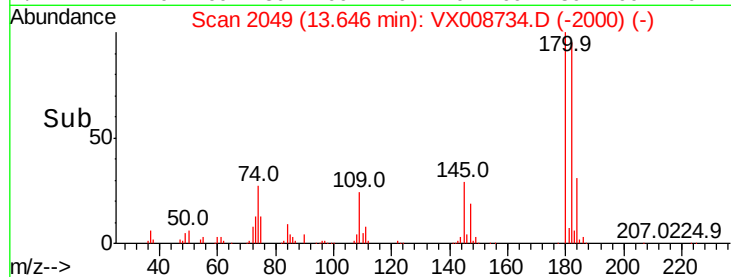
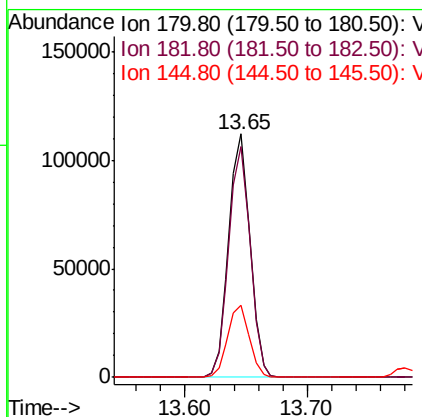
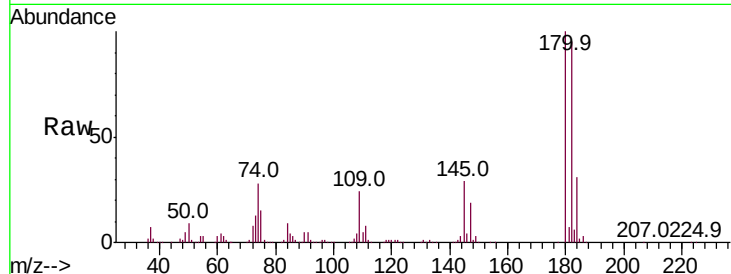
#93
 1,2,4-Trichlorobenzene
 Concen: 44.735 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX008734.D
 Acq: 06 Apr 2019 20:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	180	Resp:	135516
Ion Ratio	Lower	Upper	
180	100		
182	95.4	47.2	141.6
145	30.1	15.3	45.9

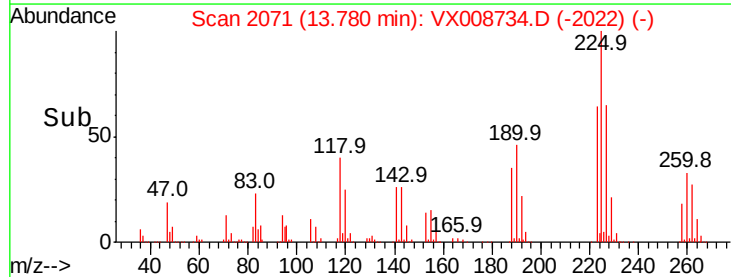
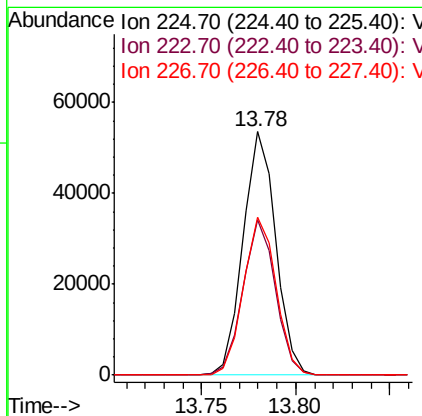
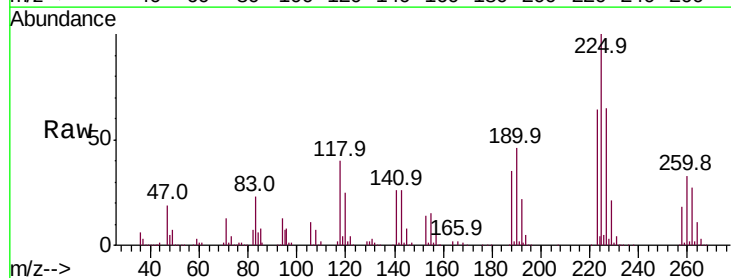
Manual Integrations
 APPROVED

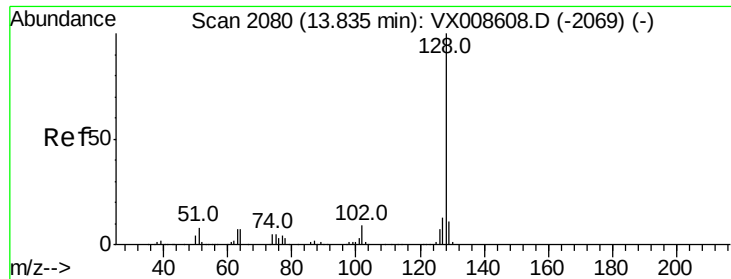
MMDadoda
 4/9/2019 1:37:43 PM



#94
 Hexachlorobutadiene
 Concen: 44.321 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX008734.D
 Acq: 06 Apr 2019 20:32

Tgt Ion:	225	Resp:	64390
Ion Ratio	Lower	Upper	
225	100		
223	63.4	31.2	93.6
227	64.8	31.9	95.5





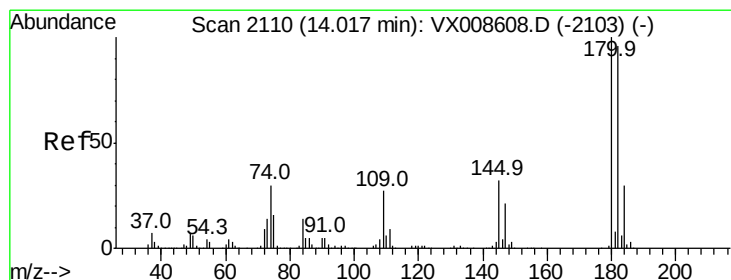
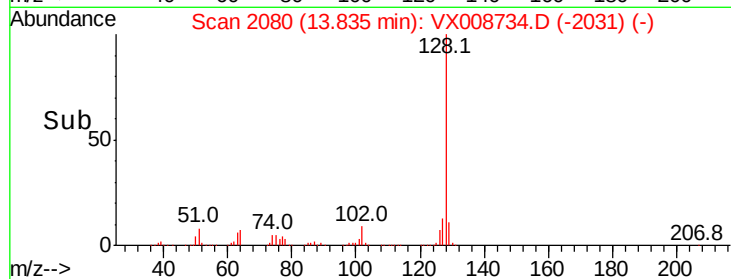
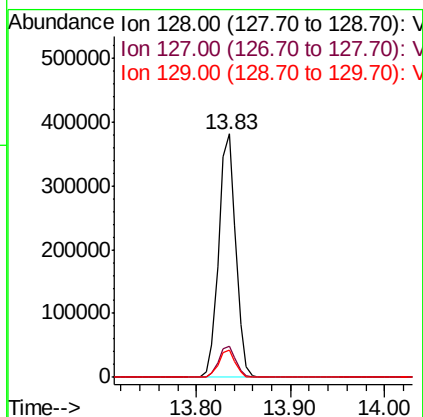
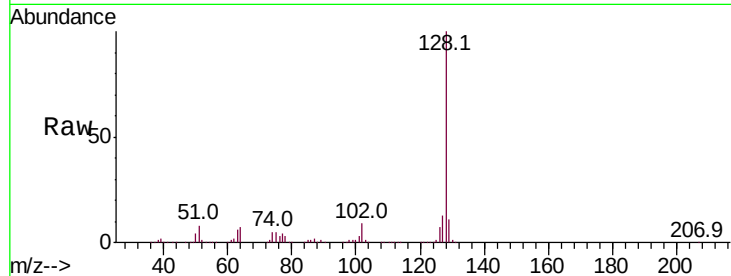
#95
Naphthalene
Concen: 46.973 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX008734.D
Acq: 06 Apr 2019 20:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	10.9	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
4/9/2019 1:37:43 PM



#96
1,2,3-Trichlorobenzene
Concen: 45.233 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX008734.D
Acq: 06 Apr 2019 20:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	48.1	144.3
145	31.1	16.3	48.8

