

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX031119\
 Data File : VX007960.D
 Acq On : 11 Mar 2019 09:41
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Manual Integrations
 APPROVED

MMDadoda
 3/12/2019 1:09:48 PM

Quant Time: Mar 12 08:15:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X030819W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Mar 08 12:01:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.02	128	47190	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	254334	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	226138	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	92102	29.69	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.97%
60) 4-Bromofluorobenzene	11.13	95	109556	30.35	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	101.17%
63) Toluene-d8	8.71	98	314469	30.39	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.30%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	53010	18.922	ug/l 99
3) Chloromethane	1.33	50	54833	17.601	ug/l 96
4) Vinyl Chloride	1.41	62	54802	17.759	ug/l 100
5) Bromomethane	1.64	94	28071	18.246	ug/l 97
6) Chloroethane	1.73	64	31857	17.677	ug/l 97
7) Trichlorofluoromethane	1.93	101	70366	18.312	ug/l 98
8) Diethyl Ether	2.19	74	37846	19.125	ug/l 90
9) 1,1,2-Trichlorotrifluoroet	2.39	101	57612	19.942	ug/l 97
10) 1,1-Dichloroethene	2.38	96	53136	19.405	ug/l 98
11) Methyl Iodide	2.51	142	82405	19.224	ug/l 93
12) Methyl Acetate	2.78	43	78868	18.211	ug/l 97
13) Acrolein	2.29	56	43848	86.302	ug/l 100
14) Acrylonitrile	3.15	53	175084	95.238	ug/l 100
15) Acetone	2.45	58	66017	99.464	ug/l 97
16) Carbon Disulfide	2.57	76	163235	19.000	ug/l 98
17) Allyl chloride	2.73	41	106515	18.973	ug/l 89
18) Methylene Chloride	2.86	84	58265	18.677	ug/l 93
19) trans-1,2-Dichloroethene	3.17	96	56754	19.589	ug/l 98
20) Diisopropyl ether	3.87	45	202363	19.704	ug/l 95
21) 1,1-Dichloroethane	3.70	63	105981	18.974	ug/l 99
22) cis-1,2-Dichloroethene	4.60	96	63199	18.910	ug/l 93
23) tert-Butyl Alcohol	3.06	59	73175	98.664	ug/l 100
24) Methyl tert-Butyl Ether	3.20	73	183946	19.538	ug/l 94
25) Chloroform	5.21	83	100239	19.013	ug/l 97
26) Cyclohexane	5.57	56	97770	18.942	ug/l # 92
29) 1,1-Dichloropropene	5.79	75	77382	19.189	ug/l 97
30) 2-Butanone	4.70	43	262747	96.602	ug/l 98
31) 2,2-Dichloropropane	4.59	77	76823	20.625	ug/l 98
32) 1,1,1-Trichloroethane	5.49	97	86052	19.734	ug/l 100
33) Carbon Tetrachloride	5.78	117	76705	19.831	ug/l 97
34) Benzene	6.14	78	231894	18.764	ug/l 98
35) Methacrylonitrile	5.06	41	48481	18.292	ug/l 95
36) 1,2-Dichloroethane	6.20	62	75634	18.811	ug/l 99
37) Trichloroethene	7.21	130	65446	19.546	ug/l 98
38) Methylcyclohexane	7.46	83	99338	19.375	ug/l 95
39) 1,2-Dichloropropane	7.51	63	60354	18.726	ug/l 99
40) Dibromomethane	7.66	93	38889	19.023	ug/l 92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.90	83	73388	18.992	ug/l	97
42) Vinyl Acetate	3.82	43	885110	100.531	ug/l	97
43) Ethyl Acetate	4.85	43	87338	18.435	ug/l #	83
44) Isopropyl Acetate	6.46	43	134725	18.637	ug/l	98
45) 1,4-Dioxane	7.74	88	29106	384.851	ug/l	92
46) Methyl methacrylate	7.77	41	70660	18.586	ug/l	92
47) n-amyl Acetate	10.90	43	113173	18.170	ug/l	99
48) t-1,3-Dichloropropene	9.04	75	80121	19.144	ug/l	97
49) cis-1,3-Dichloropropene	8.43	75	90566	19.111	ug/l	96
50) 1,1,2-Trichloroethane	9.21	97	59494	19.092	ug/l	97
51) Ethyl methacrylate	9.18	69	87978	18.617	ug/l	93
52) 1,3-Dichloropropane	9.37	76	97871	19.008	ug/l	99
53) Dibromochloromethane	9.58	129	62225	19.413	ug/l	99
54) 1,2-Dibromoethane	9.67	107	62710	19.249	ug/l	98
55) 2-Chloroethyl vinyl ether	8.31	63	209757	95.431	ug/l	99
56) Bromoform	10.85	173	49323	19.291	ug/l #	96
58) 4-Methyl-2-Pentanone	8.65	43	444803	95.536	ug/l	99
59) 2-Hexanone	9.49	43	353408	96.160	ug/l	99
61) Tetrachloroethene	9.34	164	68726	20.834	ug/l	96
62) Toluene	8.78	91	250367	18.960	ug/l	100
64) Chlorobenzene	10.14	112	160637	19.087	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.22	131	59890	19.876	ug/l	99
66) Ethyl Benzene	10.25	91	267521	18.862	ug/l	99
67) m/p-Xylenes	10.36	106	207675	38.186	ug/l	95
68) o-Xylene	10.69	106	100833	19.093	ug/l	98
69) Styrene	10.71	104	166335	19.116	ug/l	99
70) Isopropylbenzene	11.02	105	274976	19.486	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.27	83	87122	18.693	ug/l	99
72) 1,2,3-Trichloropropane	11.29	75	85685m	19.505	ug/l	
73) Bromobenzene	11.26	156	72857	19.420	ug/l	97
74) n-propylbenzene	11.36	91	308632	19.389	ug/l	99
75) 2-Chlorotoluene	11.42	91	182987	19.179	ug/l	96
76) 1,3,5-Trimethylbenzene	11.51	105	228566	19.544	ug/l	99
77) t-1,4-Dichloro-2-butene	11.07	75	26462	19.496	ug/l	86
78) 4-Chlorotoluene	11.51	91	209574	19.428	ug/l	97
79) tert-butylbenzene	12.06	119	247580	19.727	ug/l	98
80) 1,2,4-Trimethylbenzene	11.80	105	232482	19.586	ug/l	97
81) sec-Butylbenzene	11.94	105	273127	19.429	ug/l	99
82) p-Isopropyltoluene	12.06	119	247580	19.727	ug/l	98
83) 1,3-Dichlorobenzene	12.02	146	129917	19.450	ug/l	97
84) 1,4-Dichlorobenzene	12.10	146	128415	19.215	ug/l	98
85) n-Butylbenzene	12.38	91	204834	19.084	ug/l	99
86) Hexachloroethane	12.59	117	40658	19.883	ug/l	82
87) 1,2-Dichlorobenzene	12.39	146	128386	19.449	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	13.00	75	18062	18.973	ug/l	99
89) 1,2,4-Trichlorobenzene	13.65	180	92584	19.516	ug/l	98
90) Hexachlorobutadiene	13.78	225	50792	19.412	ug/l	98
91) Naphthalene	13.83	128	259784	19.103	ug/l	100
92) 1,2,3-Trichlorobenzene	14.02	180	92056	19.522	ug/l	99

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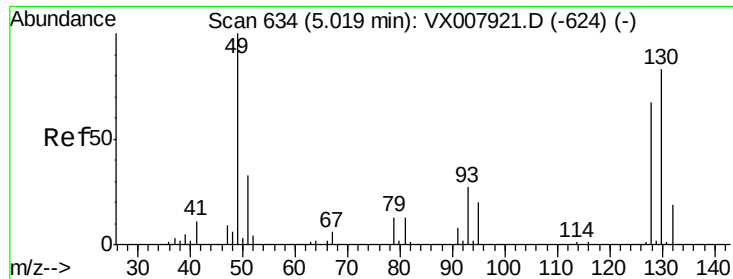
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.02 min Scan# 634

Delta R.T. 0.00 min

Lab File: VX007960.D

Acq: 11 Mar 2019 09:41

Instrument :

MSVOA_X

ClientSampleId :

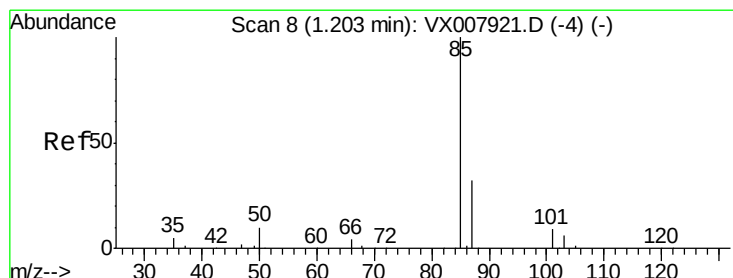
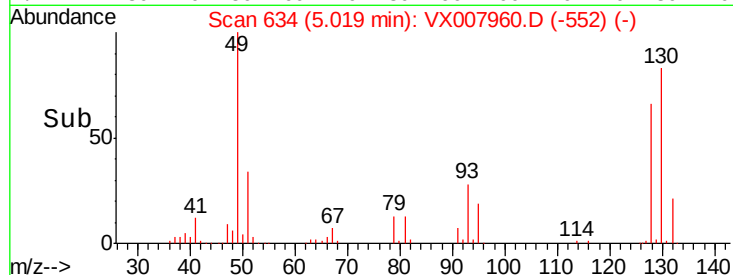
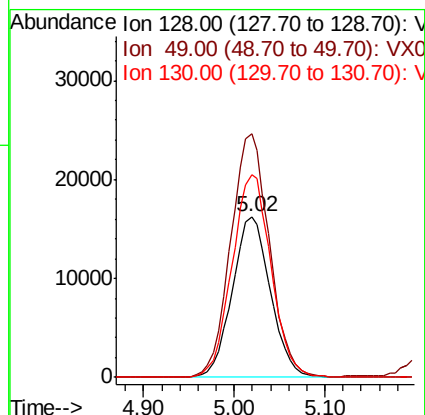
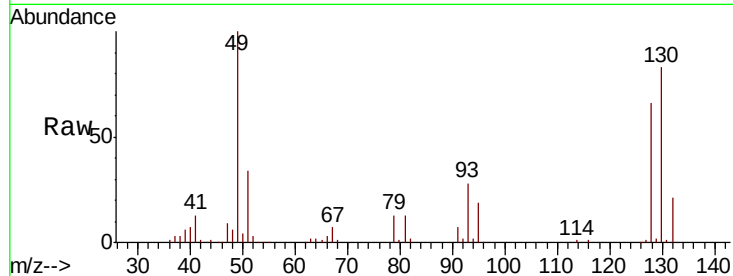
VSTDCCC020

Tgt Ion:128 Resp: 47190

Ion	Ratio	Lower	Upper
128	100		
49	154.3	0.0	350.8
130	129.9	0.0	325.8

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#2

Dichlorodifluoromethane

Concen: 18.922 ug/l

RT: 1.20 min Scan# 8

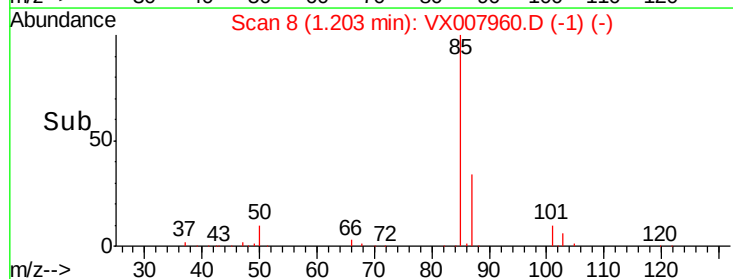
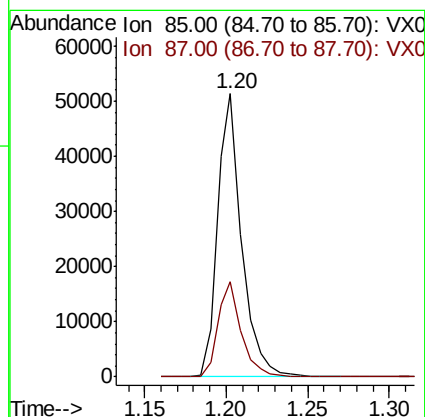
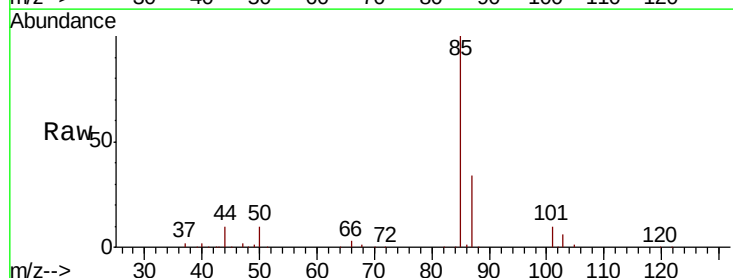
Delta R.T. 0.00 min

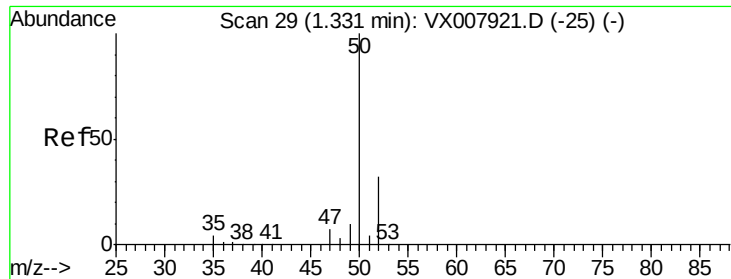
Lab File: VX007960.D

Acq: 11 Mar 2019 09:41

Tgt Ion: 85 Resp: 53010

Ion	Ratio	Lower	Upper
85	100		
87	33.5	16.6	49.8





#3

Chloromethane

Concen: 17.601 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX007960.D

Acq: 11 Mar 2019 09:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 50 Resp: 54833

Ion Ratio Lower Upper

50 100

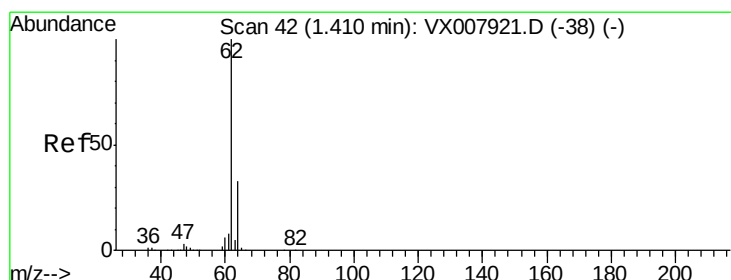
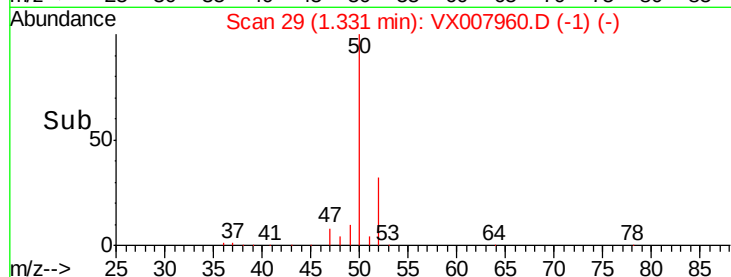
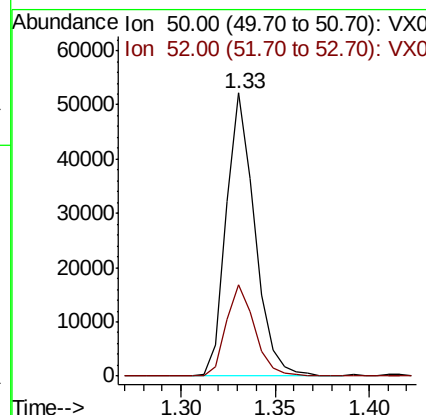
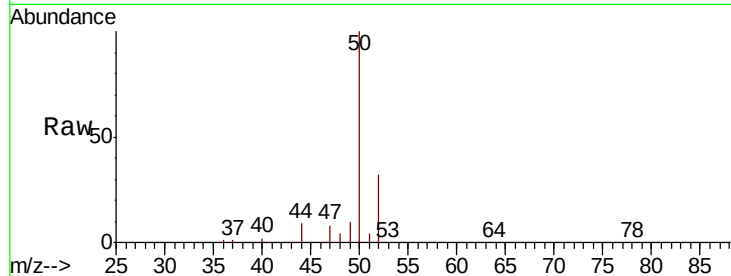
52 32.3 27.5 41.3

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#4

Vinyl Chloride

Concen: 17.759 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX007960.D

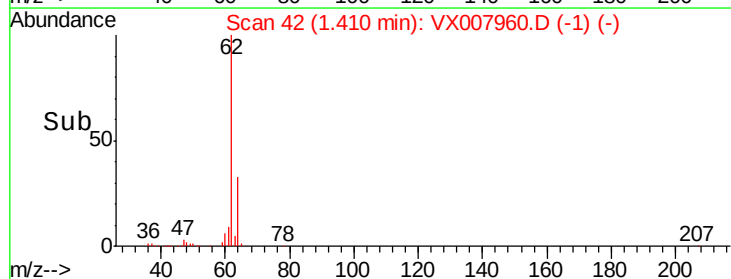
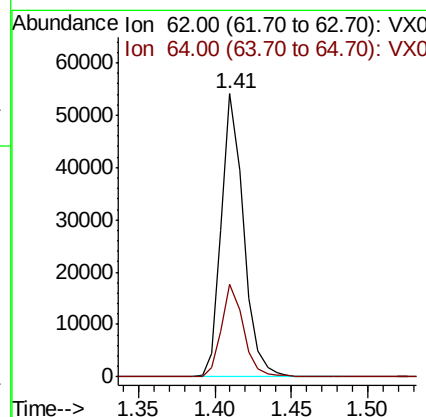
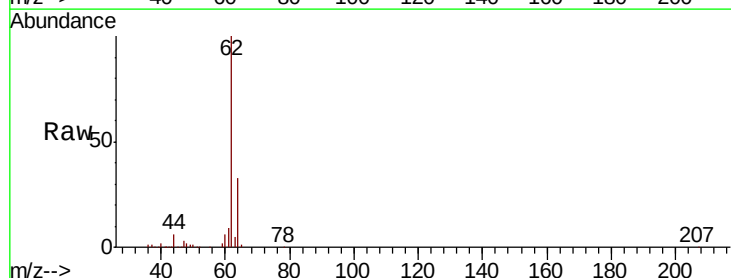
Acq: 11 Mar 2019 09:41

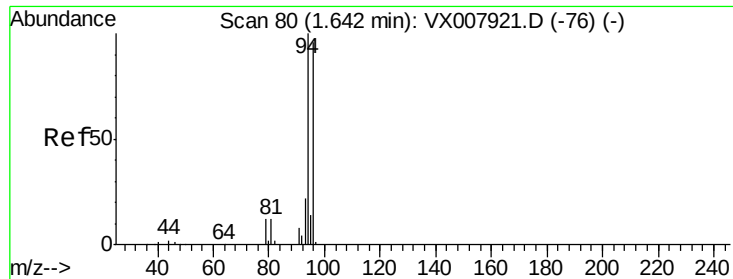
Tgt Ion: 62 Resp: 54802

Ion Ratio Lower Upper

62 100

64 32.6 25.9 38.9





#5

Bromomethane

Concen: 18.246 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007960.D

Acq: 11 Mar 2019 09:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 94 Resp: 28071

Ion Ratio Lower Upper

94 100

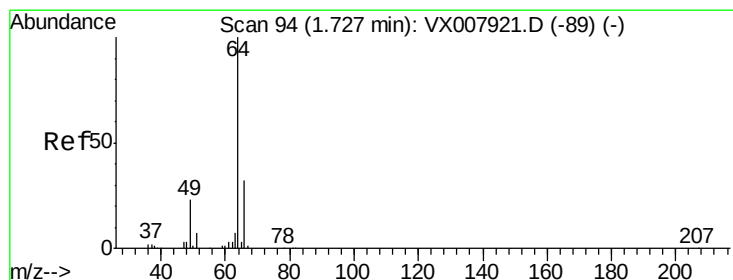
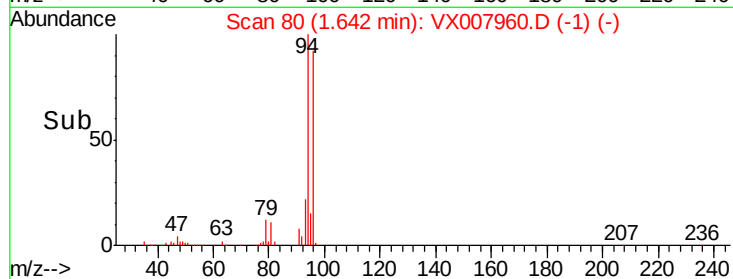
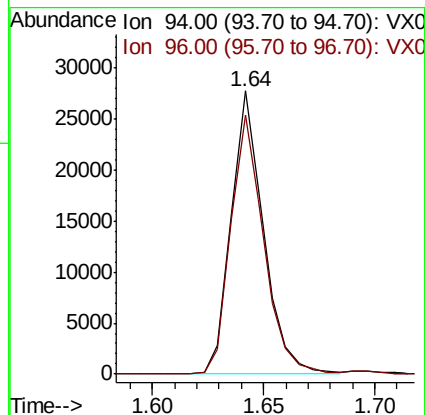
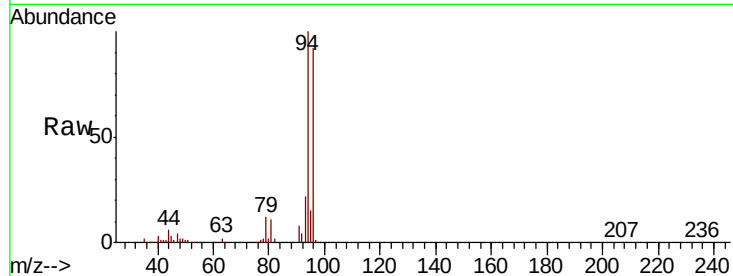
96 91.5 75.6 113.4

Manual Integrations

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#6

Chloroethane

Concen: 17.677 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.00 min

Lab File: VX007960.D

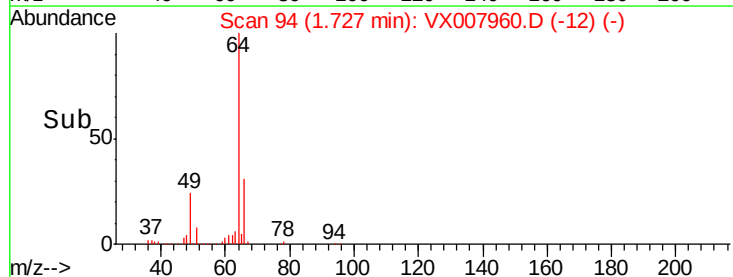
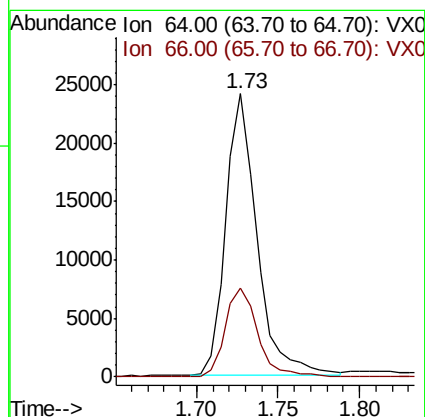
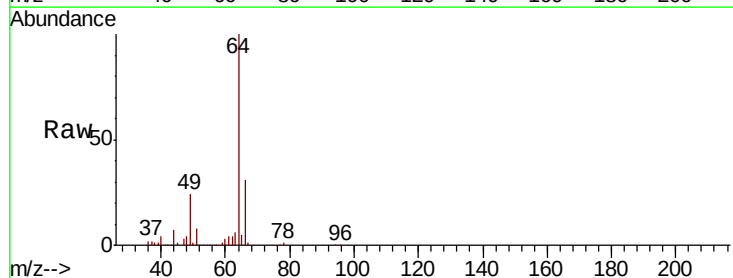
Acq: 11 Mar 2019 09:41

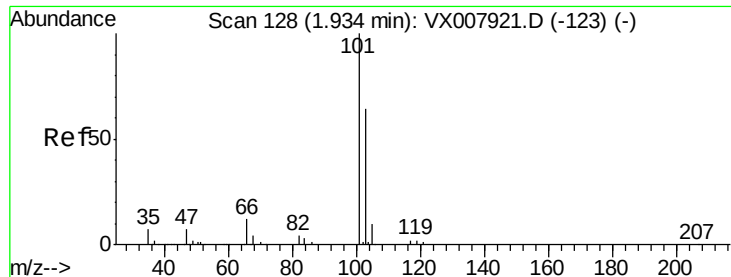
Tgt Ion: 64 Resp: 31857

Ion Ratio Lower Upper

64 100

66 31.4 23.9 35.9





#7

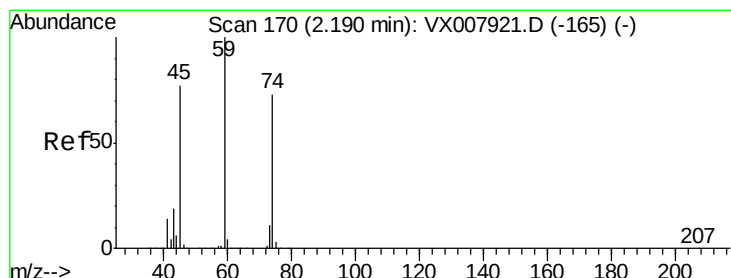
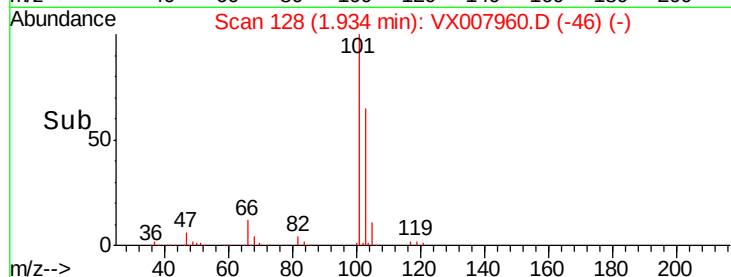
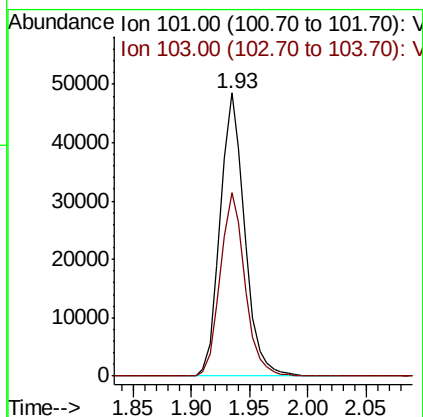
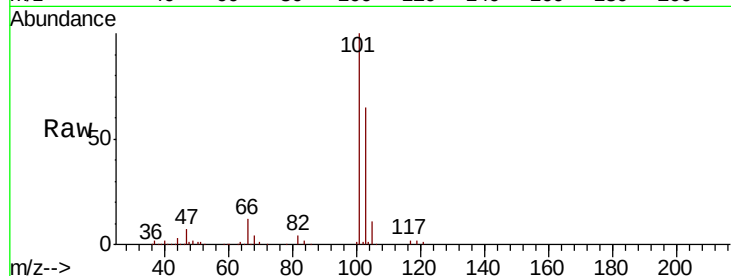
Trichlorofluoromethane
Concen: 18.312 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.00 min
Lab File: VX007960.D
Acq: 11 Mar 2019 09:41

Instrument :
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ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
101	100		
103	64.8	50.4	75.6

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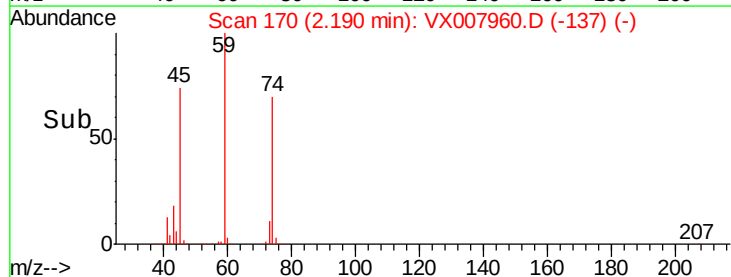
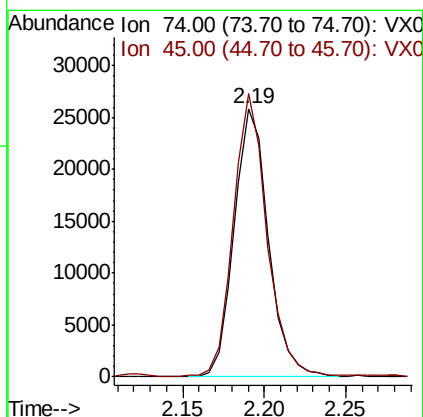
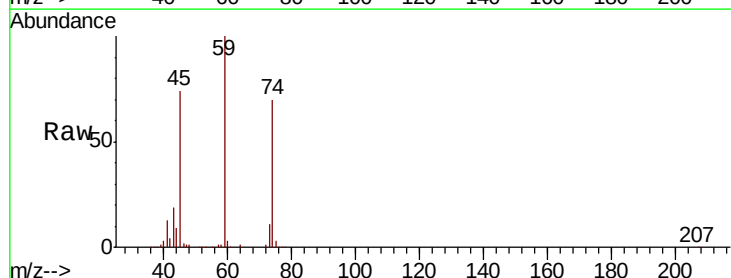
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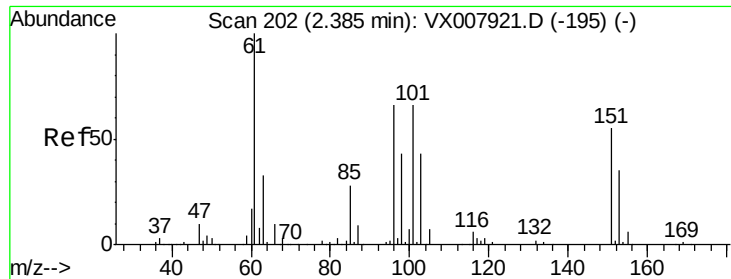


#8

Diethyl Ether
Concen: 19.125 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX007960.D
Acq: 11 Mar 2019 09:41

Tgt Ion	Ratio	Lower	Upper
74	100		
45	102.4	18.6	167.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.942 ug/l

RT: 2.39 min Scan# 203

Delta R.T. 0.01 min

Lab File: VX007960.D

Acq: 11 Mar 2019 09:41

Instrument :

MSVOA_X

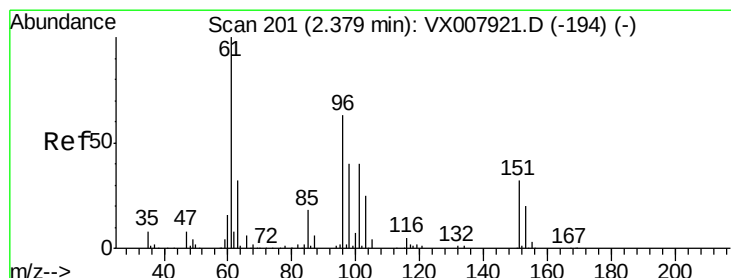
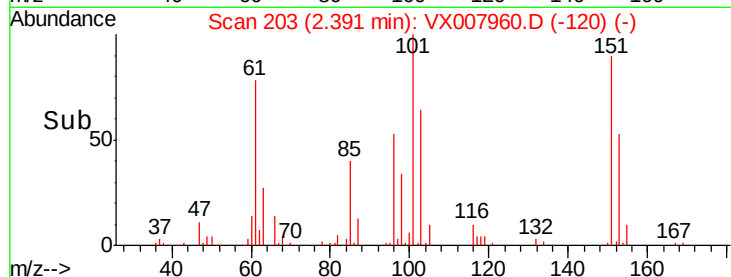
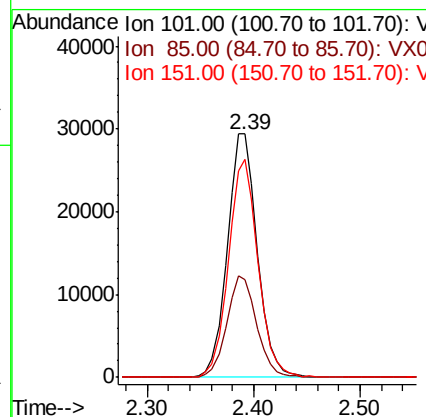
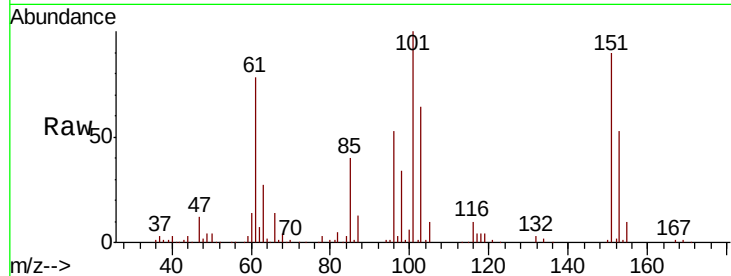
ClientSampleId :

VSTDCCC020

Tgt Ion:	101	Resp:	57612
Ion Ratio	Lower	Upper	
101	100		
85	41.8	0.0	86.8
151	88.2	0.0	169.2

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#10

1,1-Dichloroethene

Concen: 19.405 ug/l

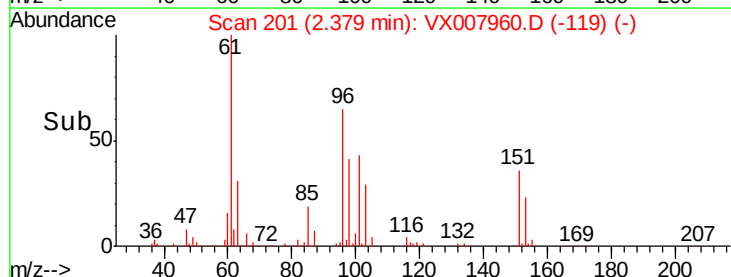
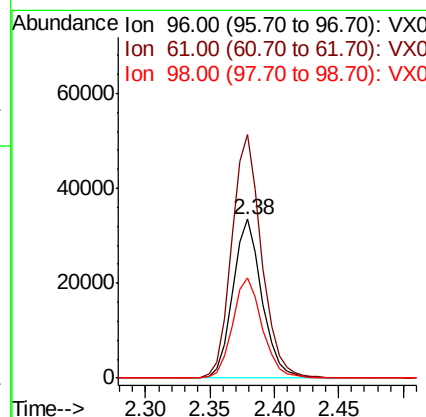
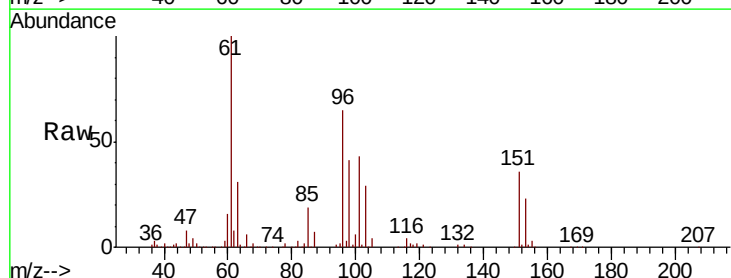
RT: 2.38 min Scan# 201

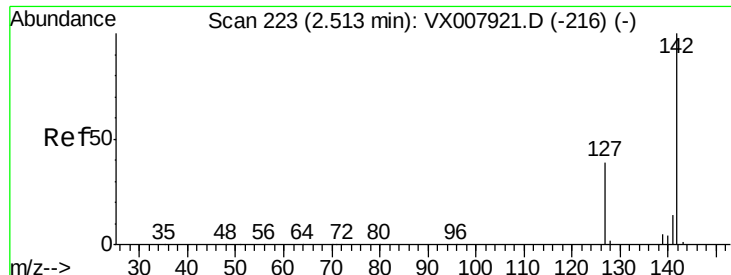
Delta R.T. 0.00 min

Lab File: VX007960.D

Acq: 11 Mar 2019 09:41

Tgt Ion:	96	Resp:	53136
Ion Ratio	Lower	Upper	
96	100		
61	153.4	120.2	180.2
98	63.0	49.0	73.4





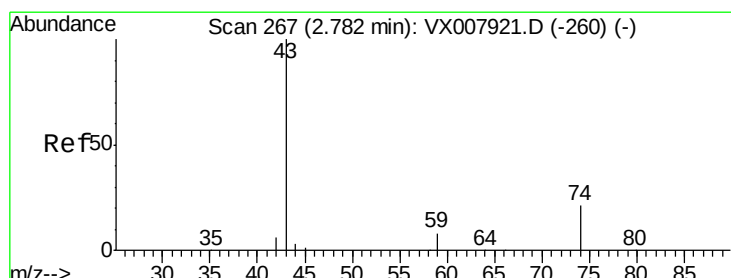
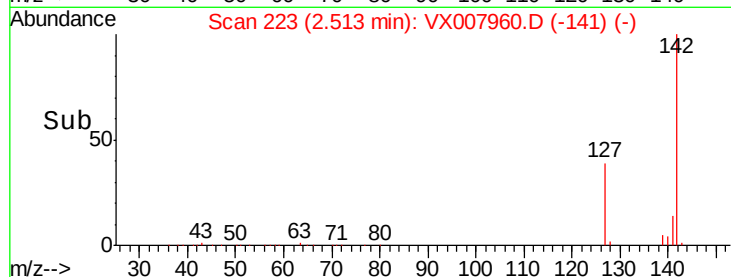
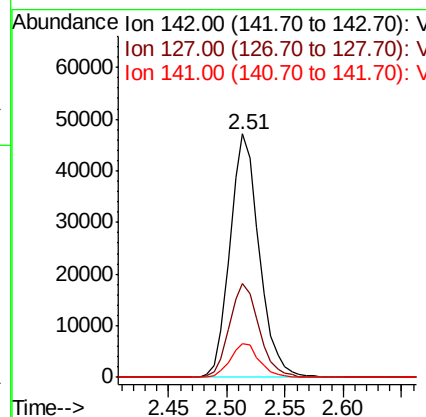
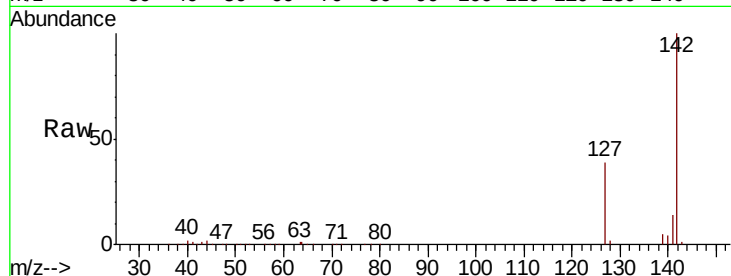
#11
Methyl Iodide
Concen: 19.224 ug/l
RT: 2.51 min Scan# 223
Delta R.T. 0.00 min
Lab File: VX007960.D
Acq: 11 Mar 2019 09:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion	Ratio	Lower	Upper
142	100		
127	38.6	22.1	66.5
141	14.0	7.4	22.3

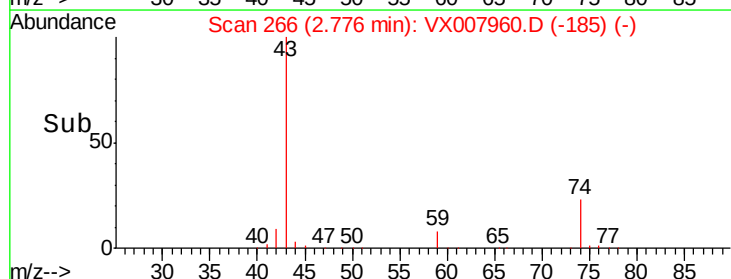
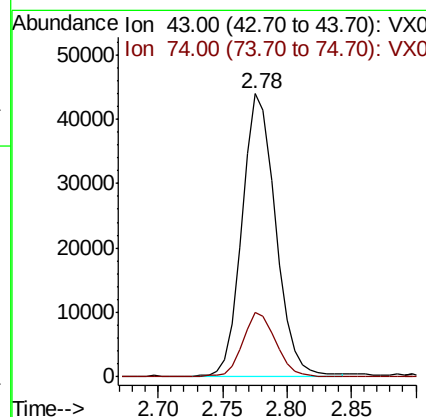
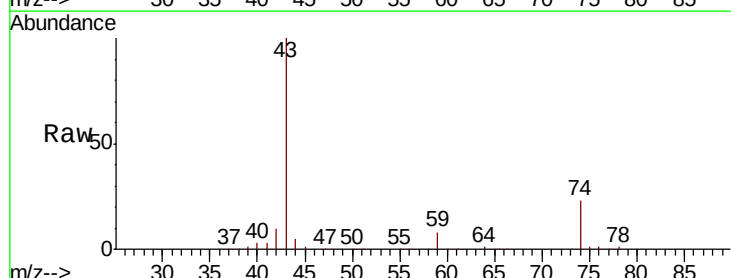
Manual Integrations
APPROVED

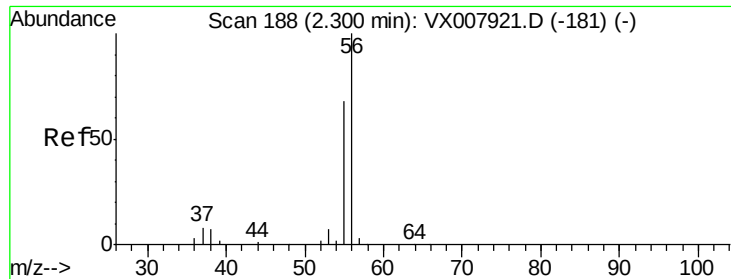
MMDadoda
3/12/2019 1:09:48 PM



#12
Methyl Acetate
Concen: 18.211 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX007960.D
Acq: 11 Mar 2019 09:41

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.9	19.4	29.0





#13

Acrolein

Concen: 86.302 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.01 min

Lab File: VX007960.D

Acq: 11 Mar 2019 09:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 56 Resp: 43848

Ion Ratio Lower Upper

56 100

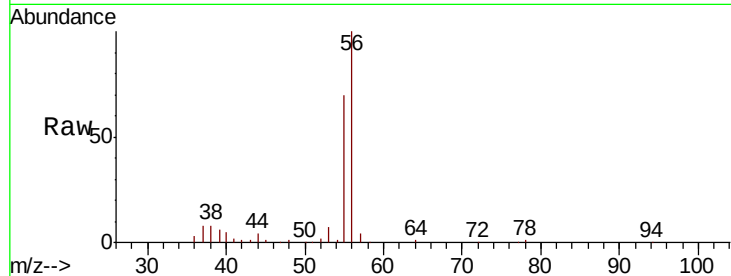
55 73.0 58.6 87.8

Manual Integrations

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

30000

25000

20000

15000

10000

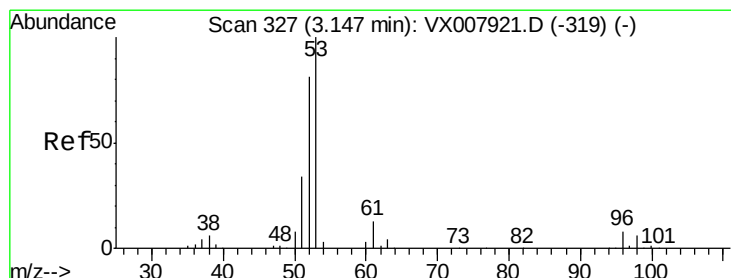
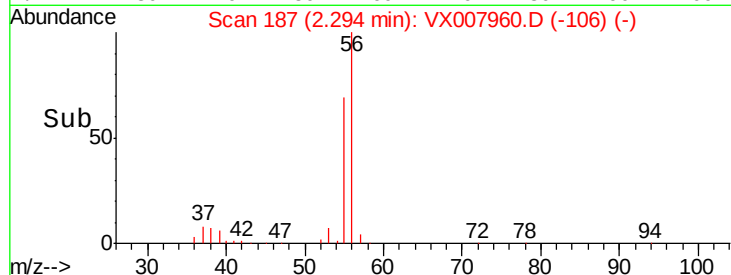
5000

0

Time-->

2.25 2.30 2.35

2.29



#14

Acrylonitrile

Concen: 95.238 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.00 min

Lab File: VX007960.D

Acq: 11 Mar 2019 09:41

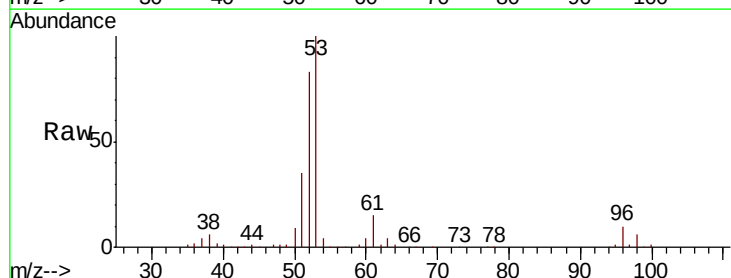
Tgt Ion: 53 Resp: 175084

Ion Ratio Lower Upper

53 100

52 82.4 41.3 124.1

51 35.2 17.5 52.6



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

120000

100000

80000

60000

40000

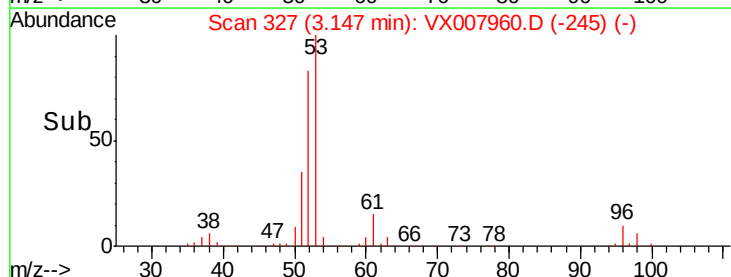
20000

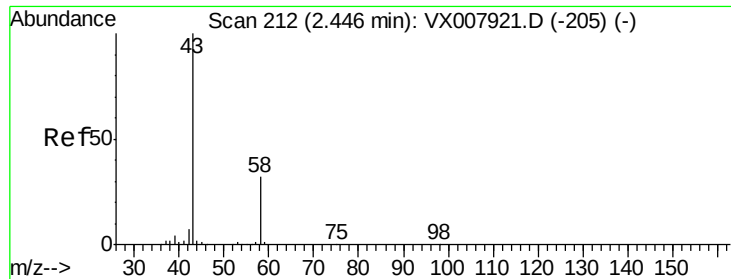
0

Time-->

3.10 3.20 3.30

3.15





#15

Acetone

Concen: 99.464 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX007960.D

Acq: 11 Mar 2019 09:41

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC020

Tgt Ion: 58 Resp: 66017

Ion Ratio Lower Upper

58 100

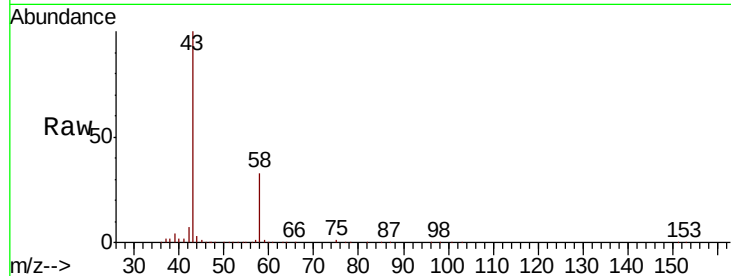
43 307.0 249.8 374.6

Manual Integrations

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Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

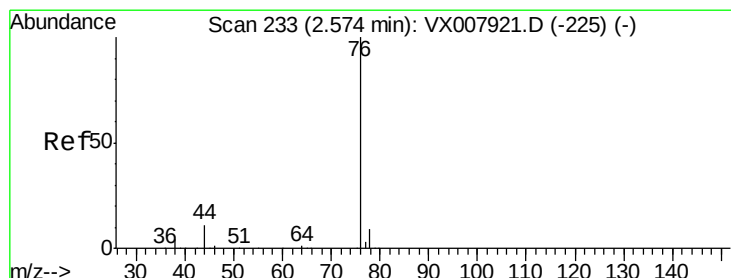
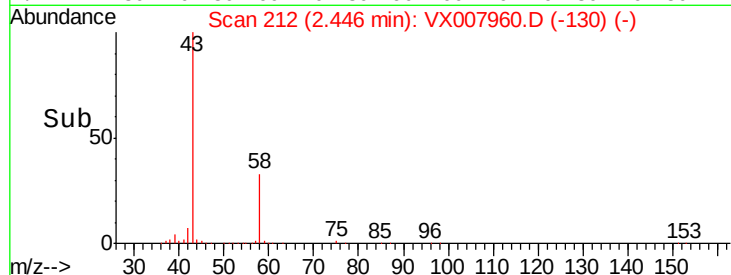
100000

50000

2.45

0

Time--> 2.35 2.40 2.45 2.50 2.55



#16

Carbon Disulfide

Concen: 19.000 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.00 min

Lab File: VX007960.D

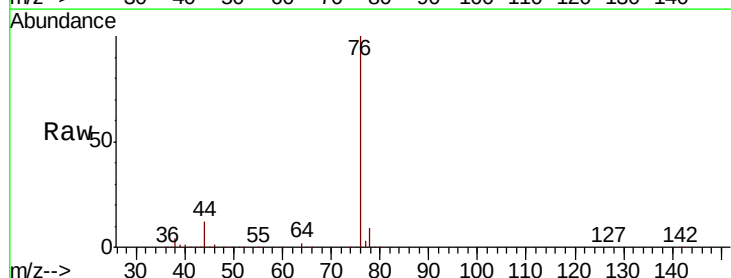
Acq: 11 Mar 2019 09:41

Tgt Ion: 76 Resp: 163235

Ion Ratio Lower Upper

76 100

78 8.7 7.5 11.3



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

100000

80000

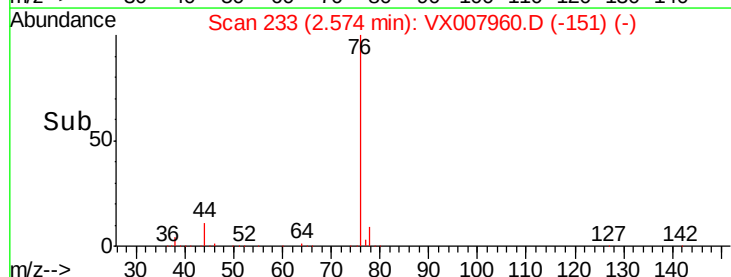
60000

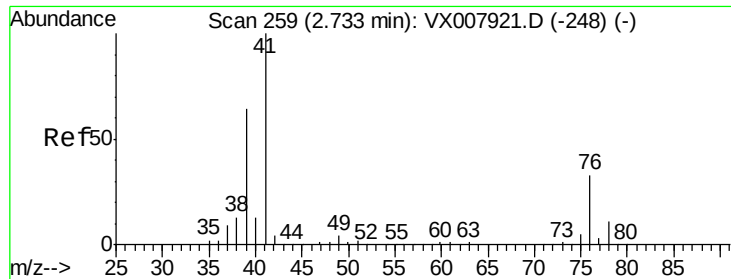
40000

20000

0

Time--> 2.50 2.55 2.60 2.65





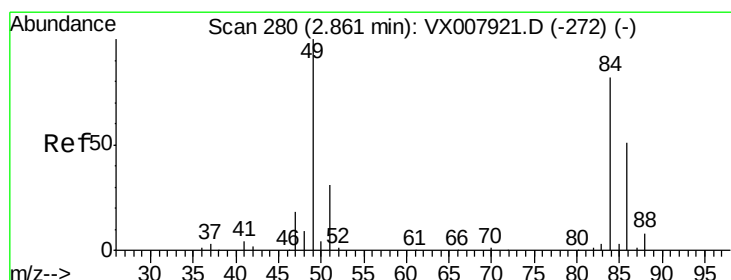
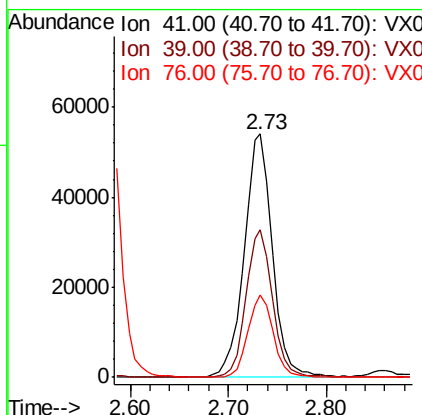
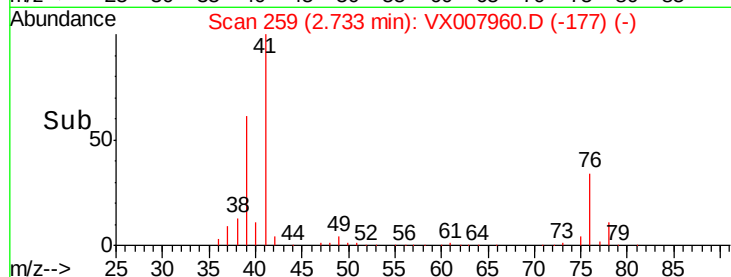
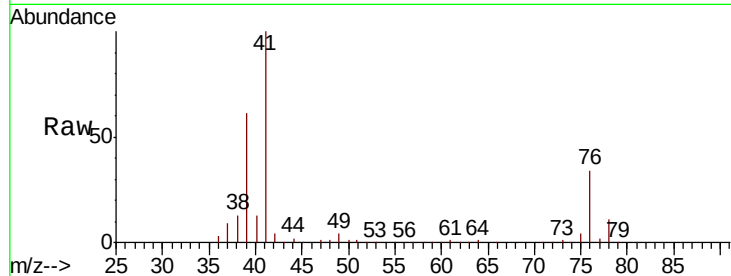
#17
 Allyl chloride
 Concen: 18.973 ug/l
 RT: 2.73 min Scan# 259
 Delta R.T. 0.00 min
 Lab File: VX007960.D
 Acq: 11 Mar 2019 09:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tgt Ion	Ratio	Lower	Upper
41	100		
39	60.3	35.8	107.4
76	33.9	18.3	54.9

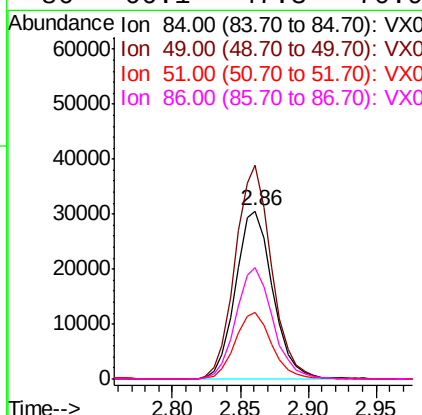
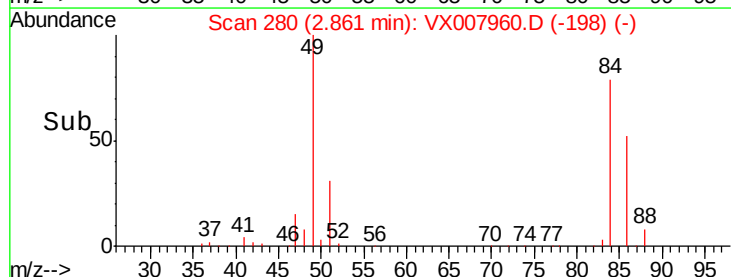
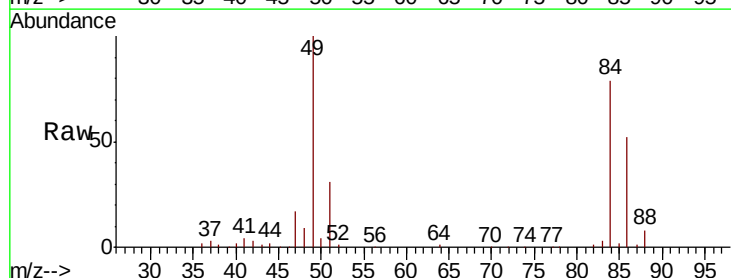
Manual Integrations
 APPROVED

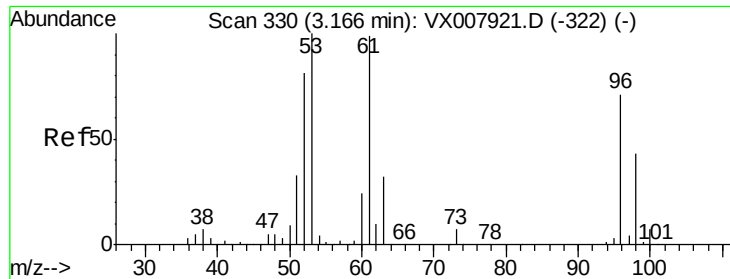
MMDadoda
 3/12/2019 1:09:48 PM



#18
 Methylene Chloride
 Concen: 18.677 ug/l
 RT: 2.86 min Scan# 280
 Delta R.T. 0.00 min
 Lab File: VX007960.D
 Acq: 11 Mar 2019 09:41

Tgt Ion	Ratio	Lower	Upper
84	100		
49	127.2	96.1	144.1
51	39.7	29.1	43.7
86	66.1	47.3	70.9





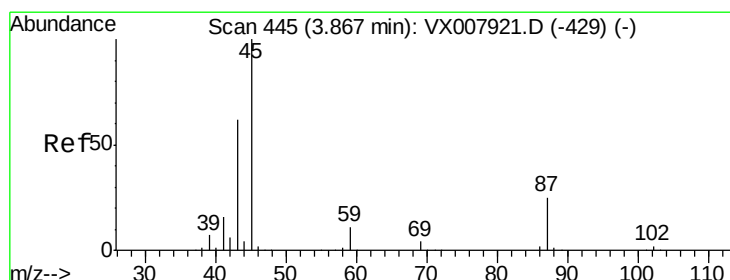
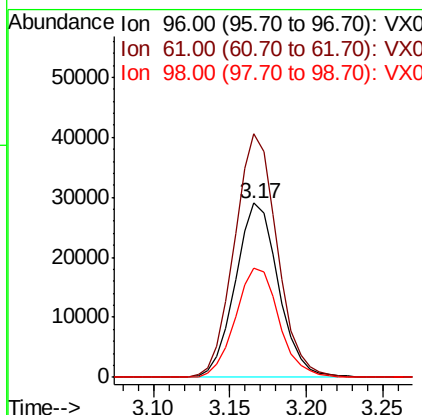
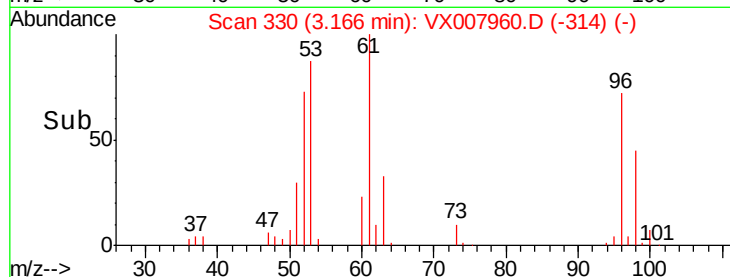
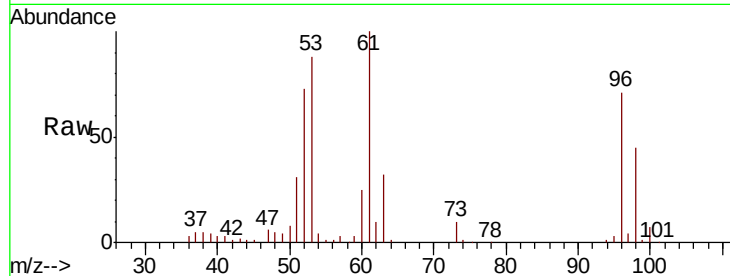
#19
trans-1,2-Dichloroethene
Concen: 19.589 ug/l
RT: 3.17 min Scan# 330
Delta R.T. 0.00 min
Lab File: VX007960.D
Acq: 11 Mar 2019 09:41

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC020

Tgt Ion: 96 Resp: 56754
Ion Ratio Lower Upper
96 100
61 139.7 109.9 164.9
98 62.5 50.4 75.6

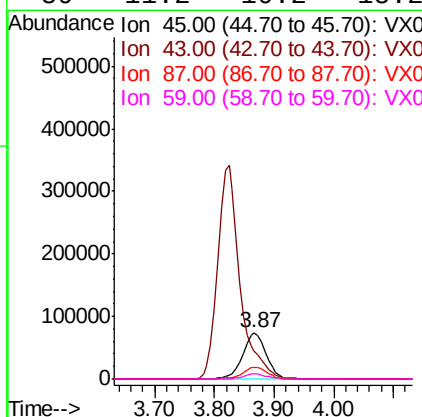
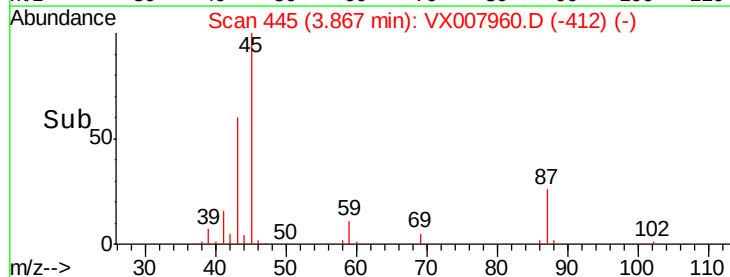
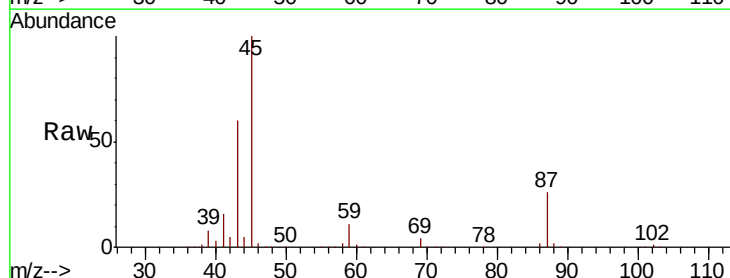
Manual Integrations
APPROVED

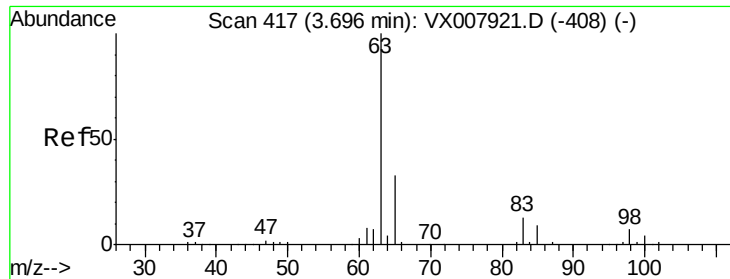
MMDadoda
3/12/2019 1:09:48 PM



#20
Diisopropyl ether
Concen: 19.704 ug/l
RT: 3.87 min Scan# 445
Delta R.T. 0.00 min
Lab File: VX007960.D
Acq: 11 Mar 2019 09:41

Tgt Ion: 45 Resp: 202363
Ion Ratio Lower Upper
45 100
43 60.2 50.6 76.0
87 26.3 24.5 36.7
59 11.2 10.2 15.2





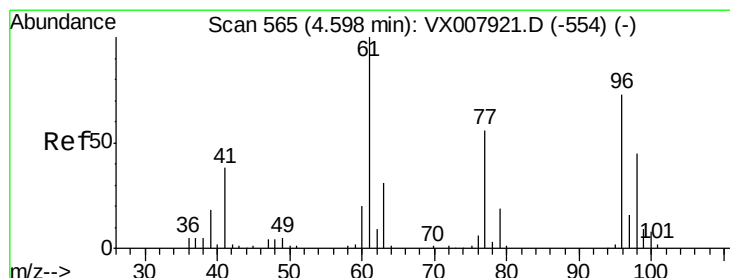
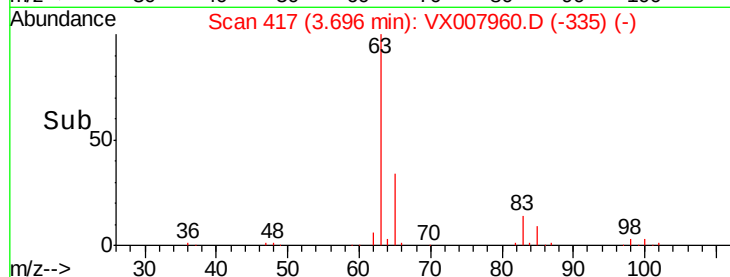
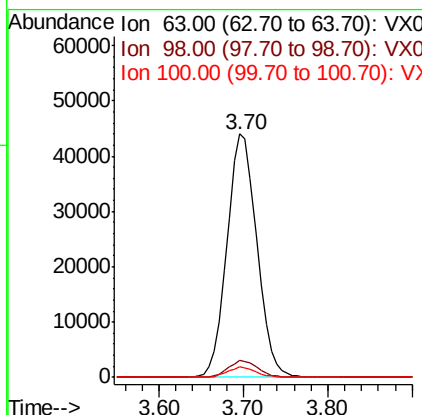
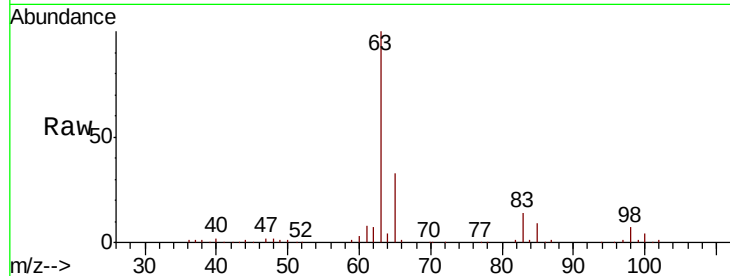
#21
1,1-Dichloroethane
Concen: 18.974 ug/l
RT: 3.70 min Scan# 417
Delta R.T. 0.00 min
Lab File: VX007960.D
Acq: 11 Mar 2019 09:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion	Ratio	Lower	Upper
63	100		
98	7.0	3.8	11.4
100	4.5	2.4	7.1

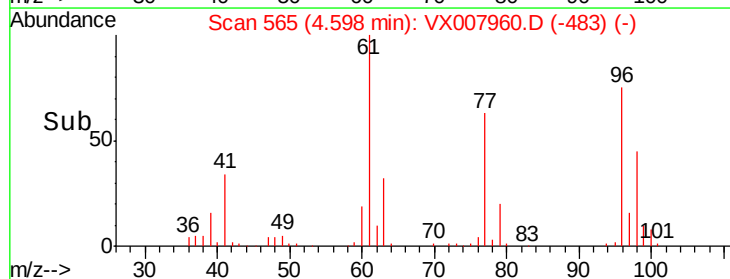
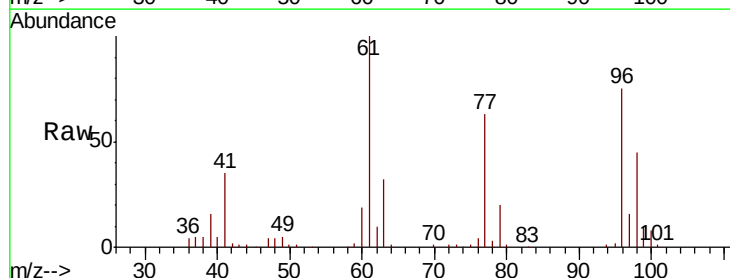
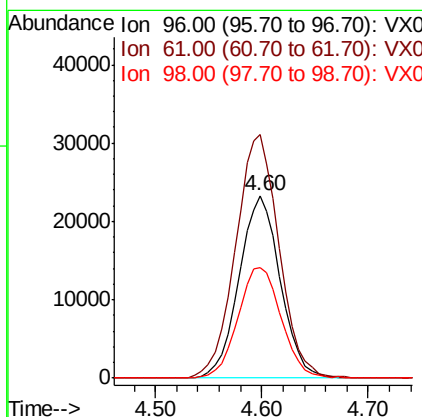
Manual Integrations
APPROVED

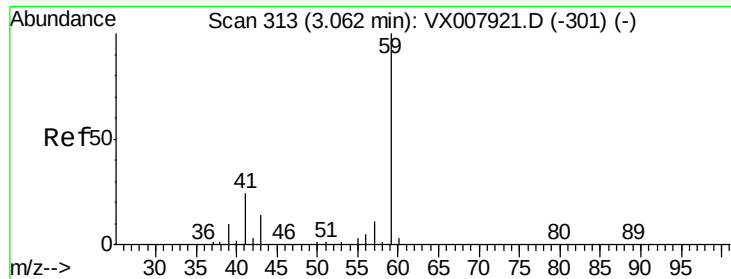
MMDadoda
3/12/2019 1:09:48 PM



#22
cis-1,2-Dichloroethene
Concen: 18.910 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX007960.D
Acq: 11 Mar 2019 09:41

Tgt Ion	Ratio	Lower	Upper
96	100		
61	140.8	103.5	155.3
98	63.9	52.1	78.1





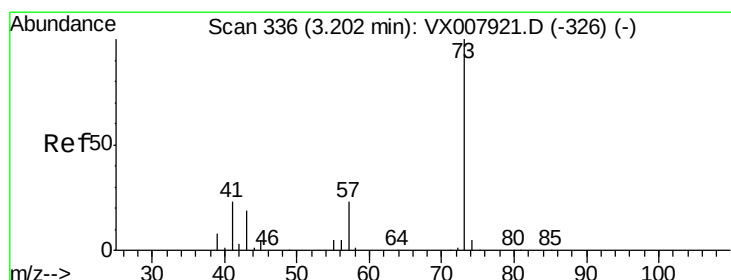
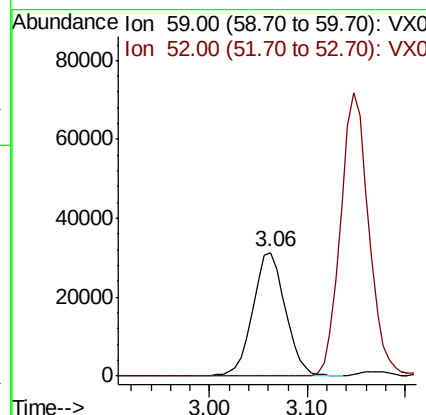
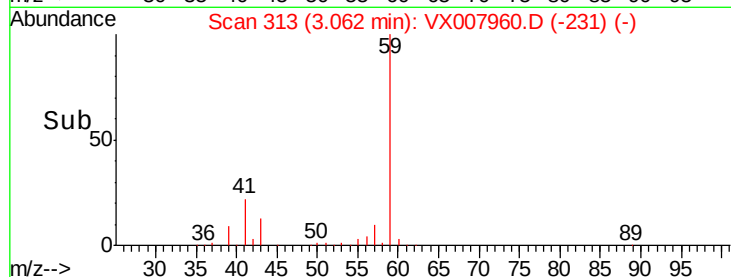
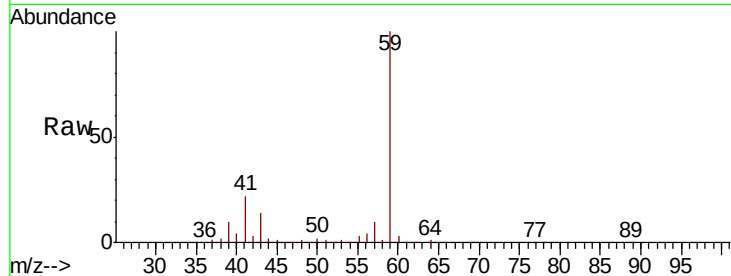
#23
 tert-Butyl Alcohol
 Concen: 98.664 ug/l
 RT: 3.06 min Scan# 313
 Delta R.T. 0.00 min
 Lab File: VX007960.D
 Acq: 11 Mar 2019 09:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tgt Ion: 59 Resp: 73175
 Ion Ratio Lower Upper
 59 100
 52 0.2 0.2 0.2

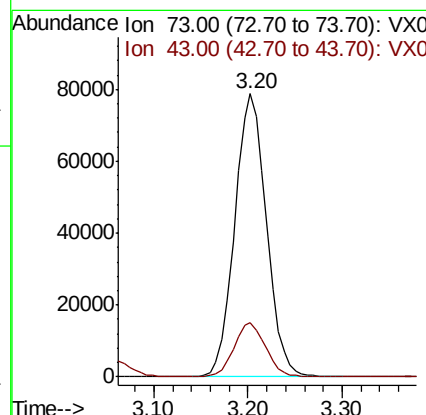
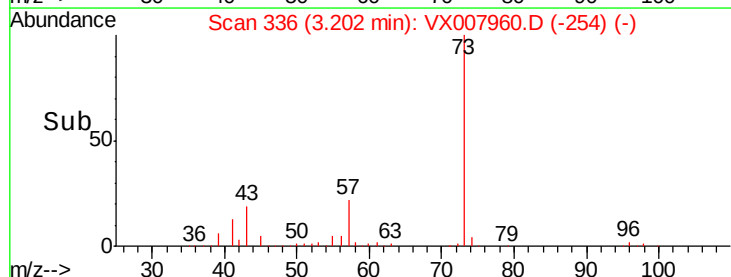
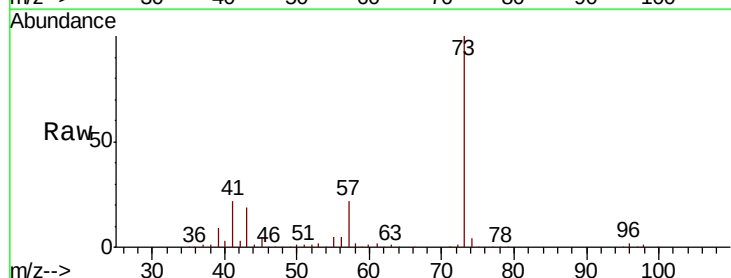
Manual Integrations
 APPROVED

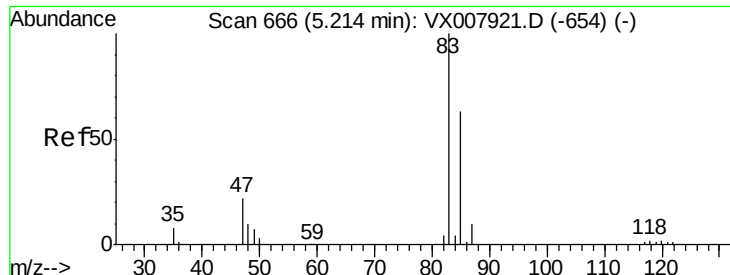
MMDadoda
 3/12/2019 1:09:48 PM



#24
 Methyl tert-Butyl Ether
 Concen: 19.538 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. 0.00 min
 Lab File: VX007960.D
 Acq: 11 Mar 2019 09:41

Tgt Ion: 73 Resp: 183946
 Ion Ratio Lower Upper
 73 100
 43 18.7 17.1 25.7





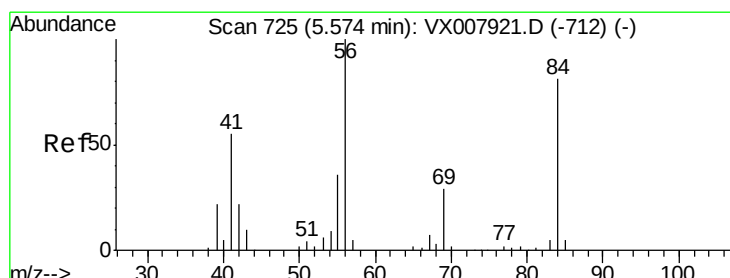
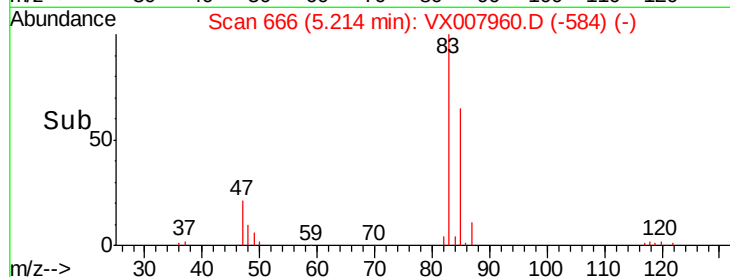
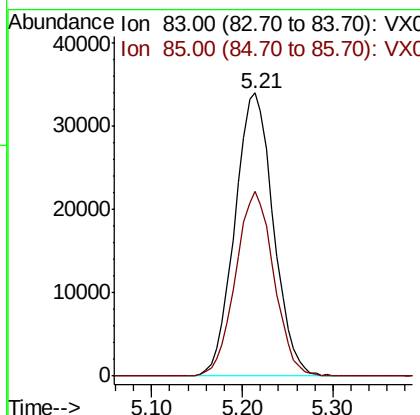
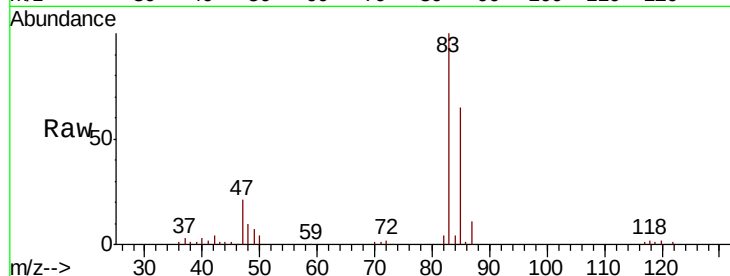
#25
Chloroform
Concen: 19.013 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX007960.D
Acq: 11 Mar 2019 09:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 83 Resp: 100239
Ion Ratio Lower Upper
83 100
85 65.2 53.8 80.6

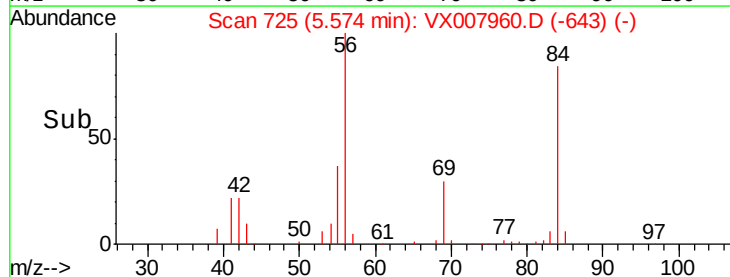
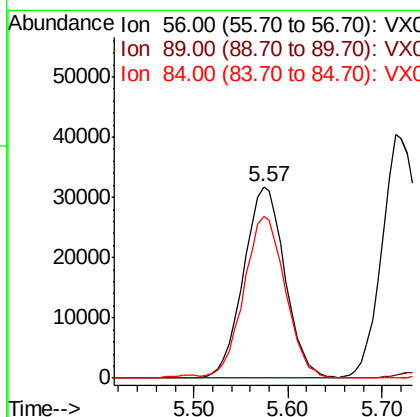
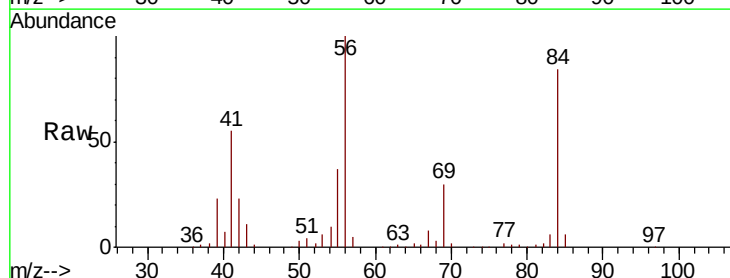
Manual Integrations
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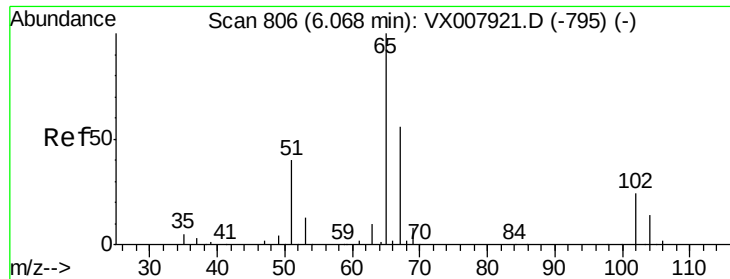
MMDadoda
3/12/2019 1:09:48 PM



#26
Cyclohexane
Concen: 18.942 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX007960.D
Acq: 11 Mar 2019 09:41

Tgt Ion: 56 Resp: 97770
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 84.7 73.9 110.9





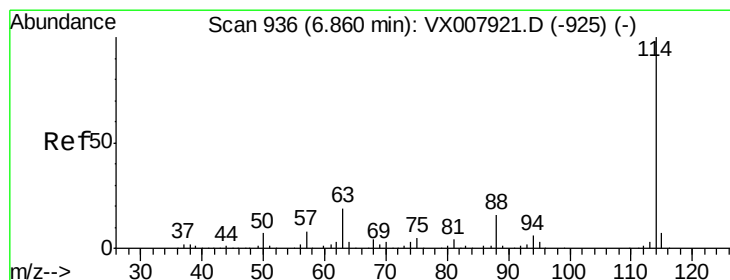
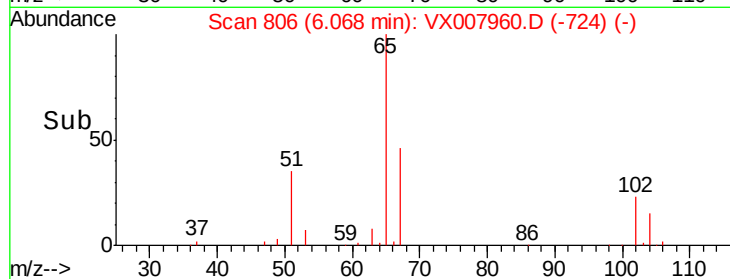
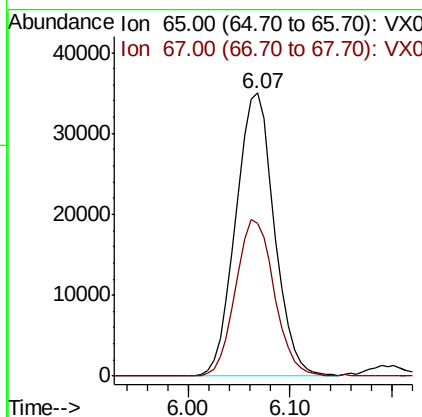
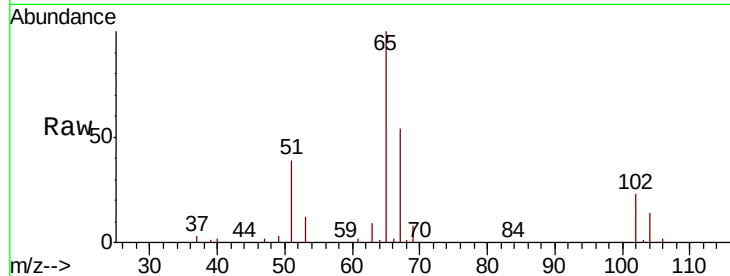
#27
 1,2-Dichloroethane-d4
 Concen: 29.693 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX007960.D
 Acq: 11 Mar 2019 09:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tgt Ion: 65 Resp: 92102
 Ion Ratio Lower Upper
 65 100
 67 55.5 42.9 64.3

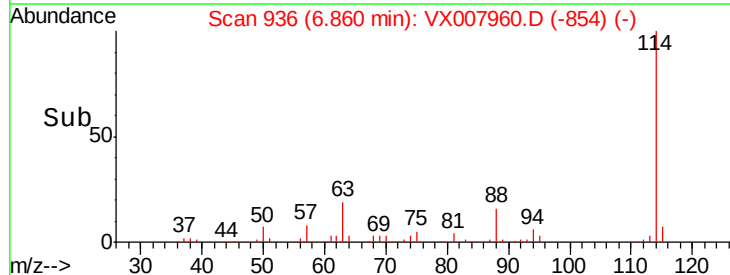
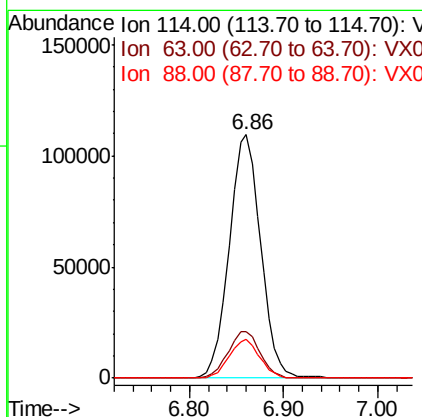
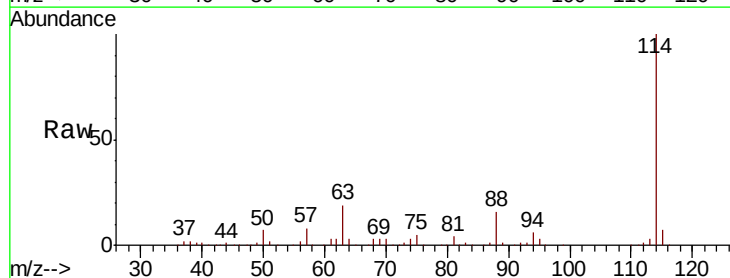
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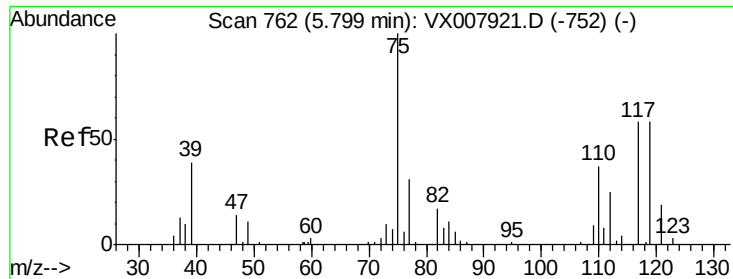
MMDadoda
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#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX007960.D
 Acq: 11 Mar 2019 09:41

Tgt Ion: 114 Resp: 254334
 Ion Ratio Lower Upper
 114 100
 63 19.7 14.2 21.4
 88 15.5 11.9 17.9





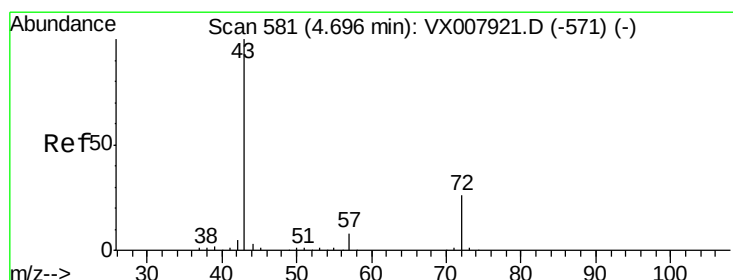
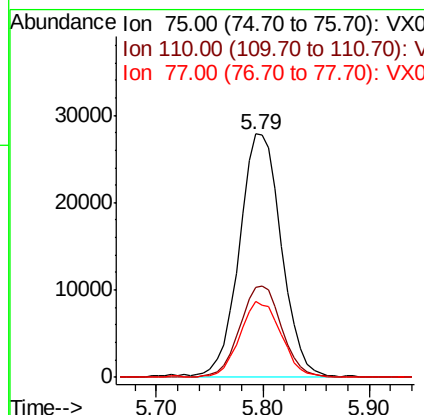
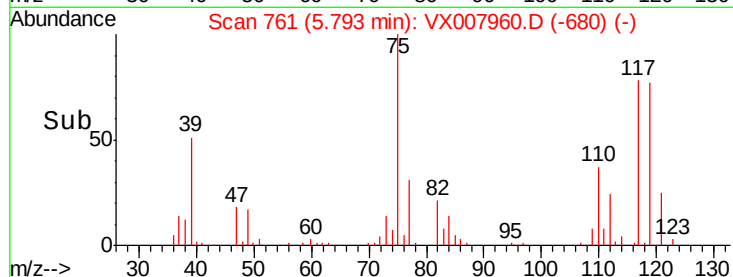
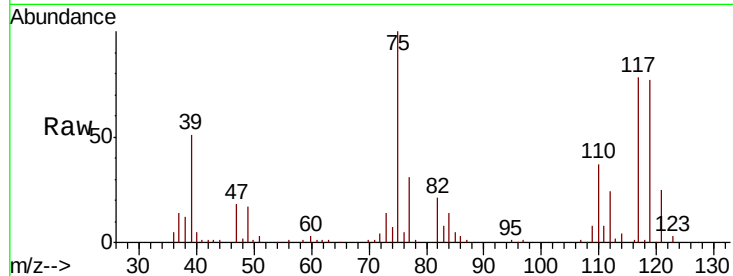
#29
 1,1-Dichloropropene
 Concen: 19.189 ug/l
 RT: 5.79 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: VX007960.D
 Acq: 11 Mar 2019 09:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.4	0.0	80.8
77	30.7	0.0	62.4

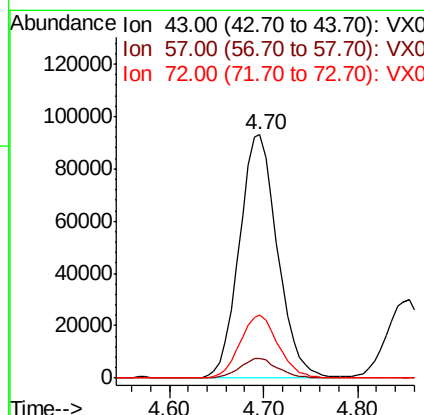
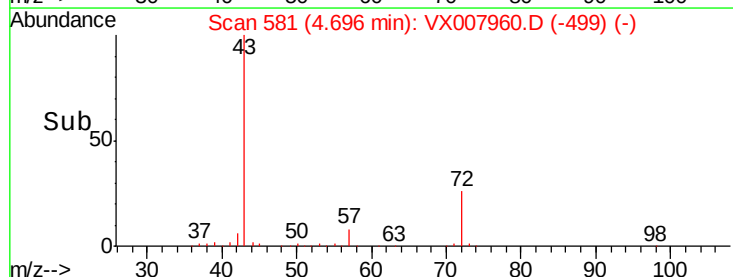
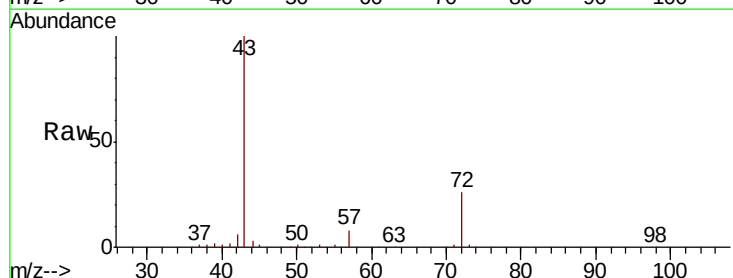
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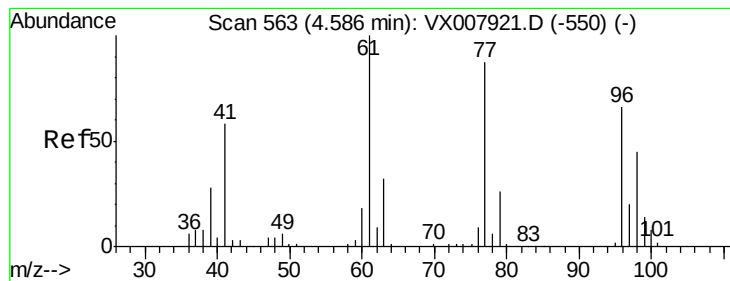
MMDadoda
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#30
 2-Butanone
 Concen: 96.602 ug/l
 RT: 4.70 min Scan# 581
 Delta R.T. 0.00 min
 Lab File: VX007960.D
 Acq: 11 Mar 2019 09:41

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.0	7.0	10.6
72	26.0	21.5	32.3





#31

2,2-Dichloropropane

Concen: 20.625 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX007960.D

Acq: 11 Mar 2019 09:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 77 Resp: 76823

Ion Ratio Lower Upper

77 100

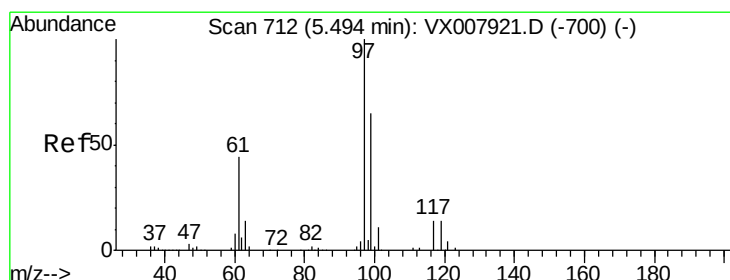
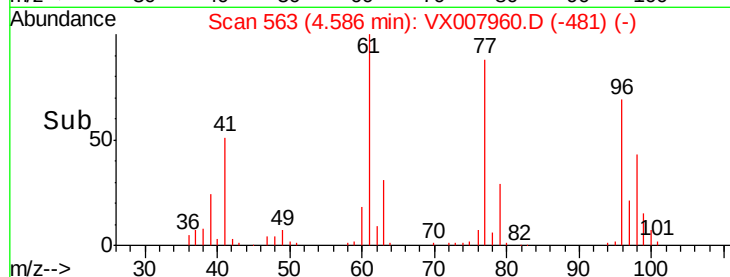
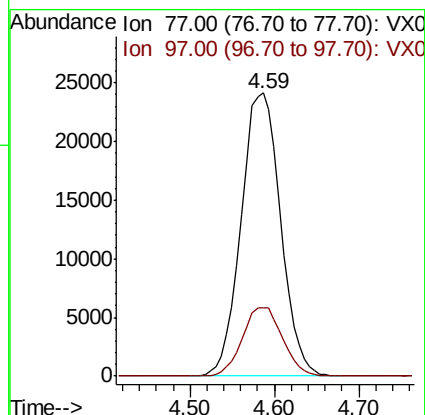
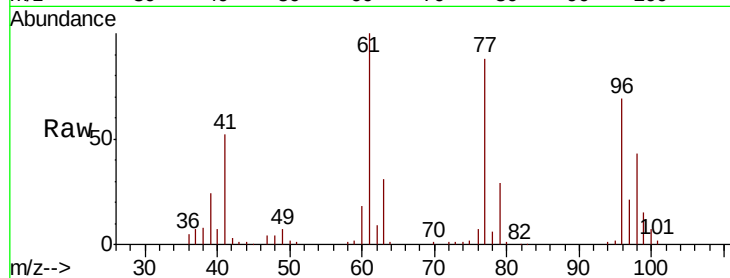
97 24.7 20.6 31.0

Manual Integrations

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#32

1,1,1-Trichloroethane

Concen: 19.734 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX007960.D

Acq: 11 Mar 2019 09:41

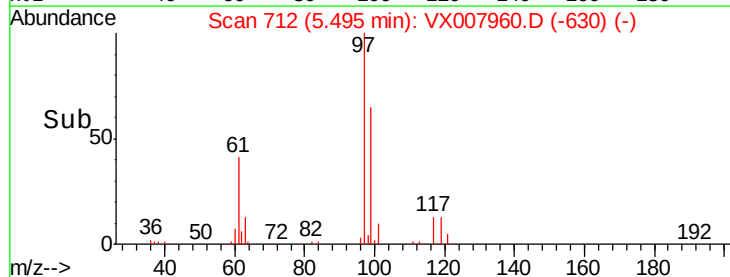
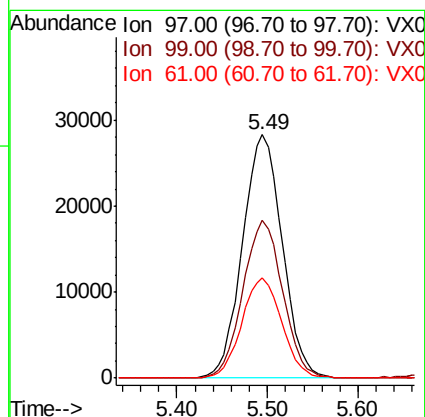
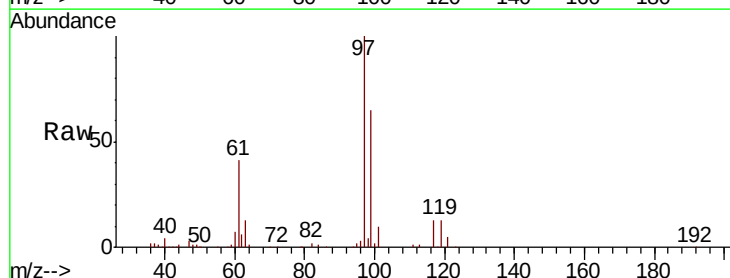
Tgt Ion: 97 Resp: 86052

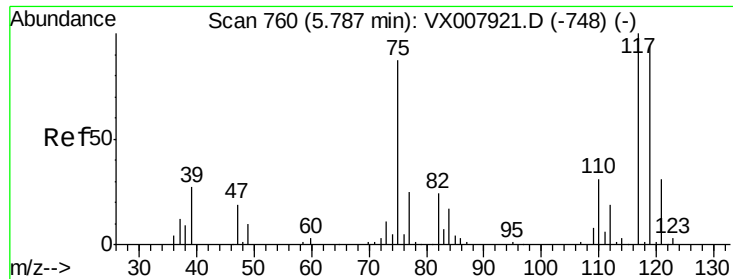
Ion Ratio Lower Upper

97 100

99 64.6 51.7 77.5

61 41.7 32.8 49.2





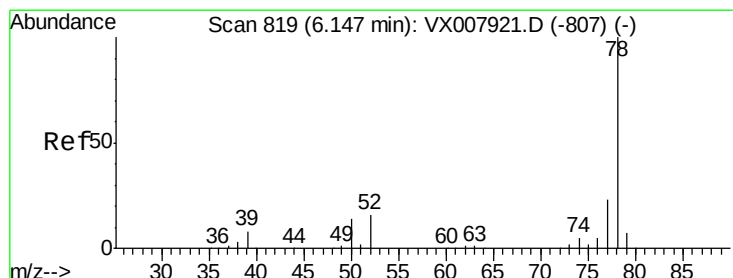
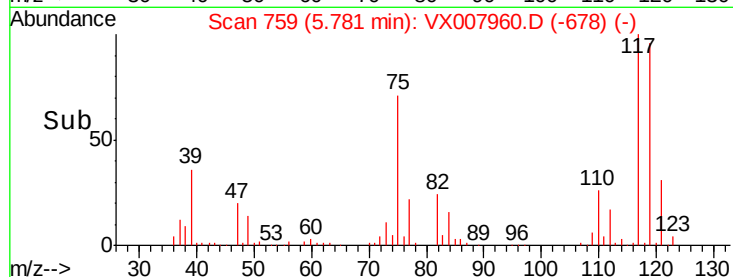
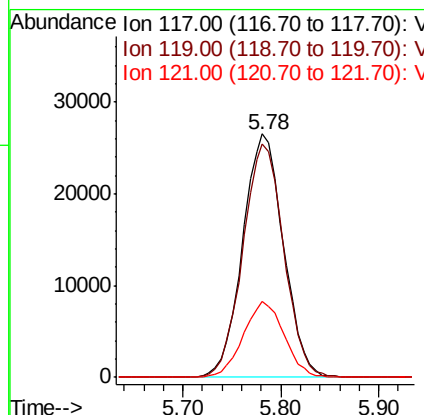
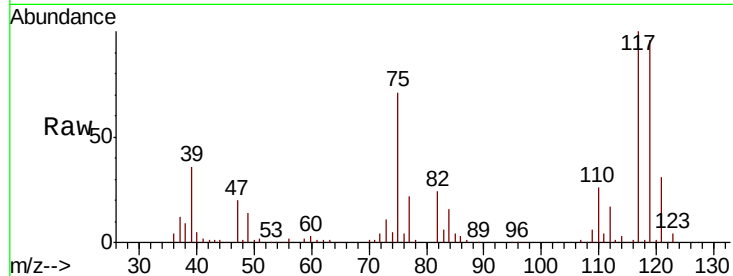
#33
Carbon Tetrachloride
Concen: 19.831 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX007960.D
Acq: 11 Mar 2019 09:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion: 117 Resp: 76705
Ion Ratio Lower Upper
117 100
119 95.7 78.1 117.1
121 31.3 27.0 40.6

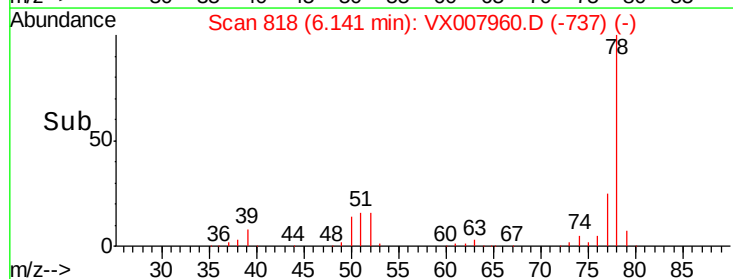
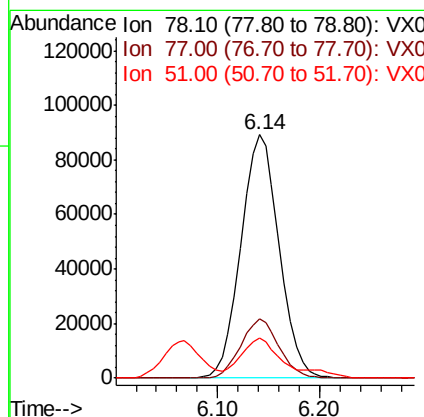
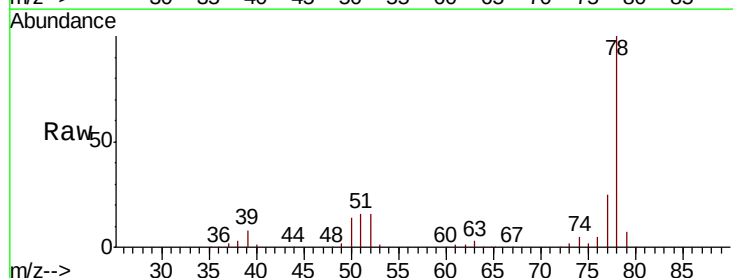
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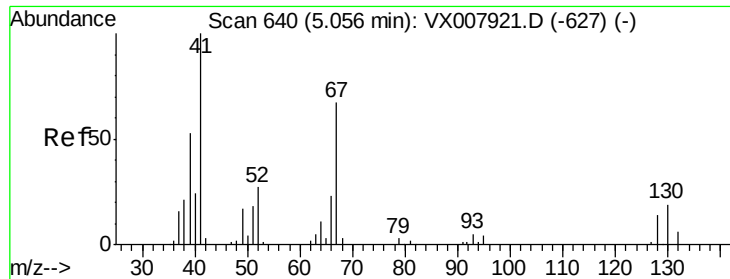
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#34
Benzene
Concen: 18.764 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX007960.D
Acq: 11 Mar 2019 09:41

Tgt Ion: 78 Resp: 231894
Ion Ratio Lower Upper
78 100
77 24.6 19.1 28.7
51 15.2 10.8 16.2





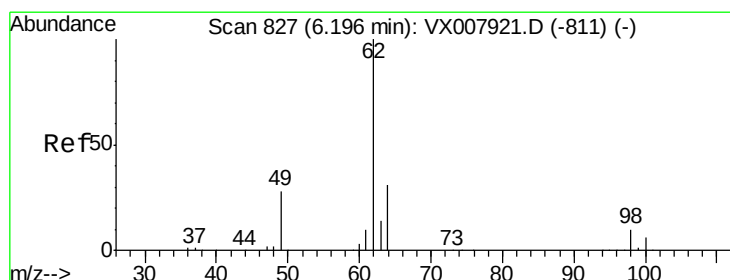
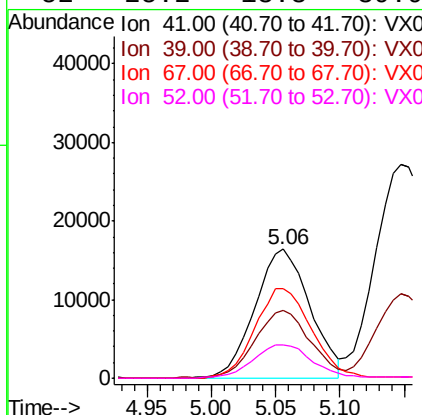
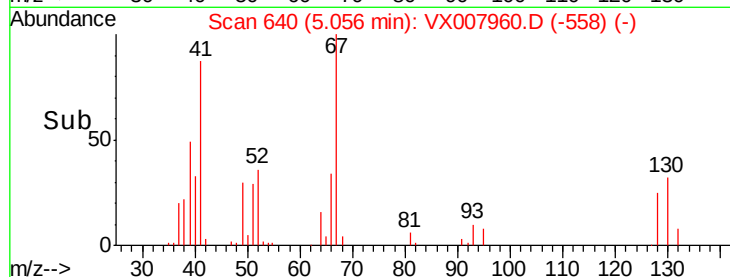
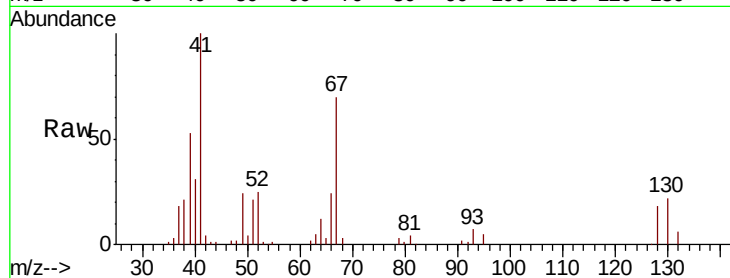
#35
Methacrylonitrile
Concen: 18.292 ug/l
RT: 5.06 min Scan# 640
Delta R.T. 0.00 min
Lab File: VX007960.D
Acq: 11 Mar 2019 09:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	52.2	27.4	82.0	
67	70.1	37.9	113.6	
52	25.2	13.3	39.9	

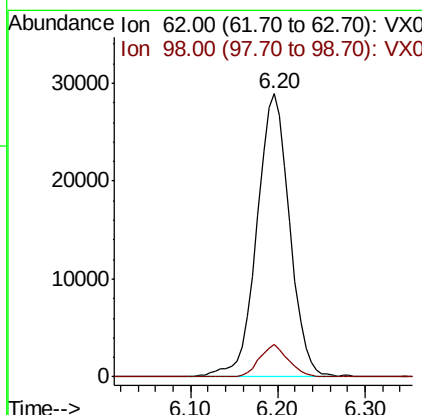
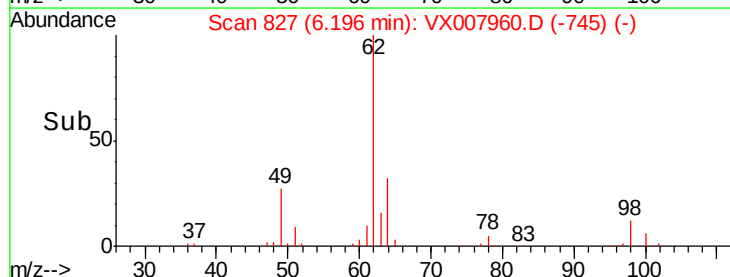
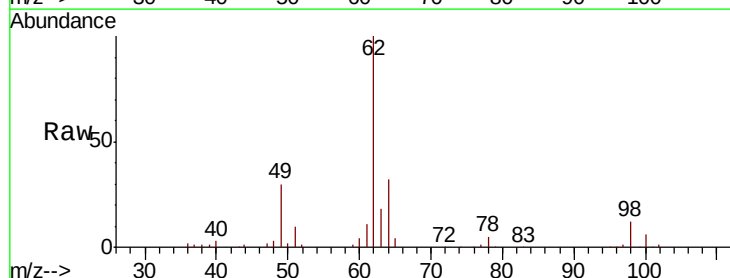
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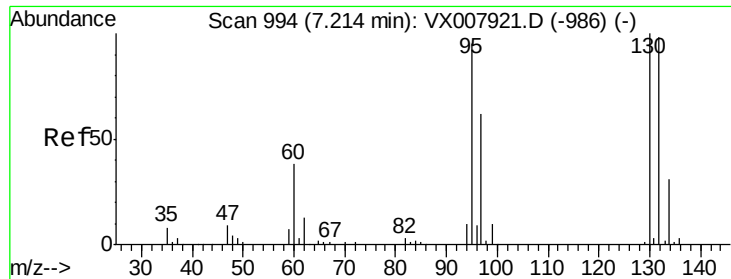
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#36
1,2-Dichloroethane
Concen: 18.811 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX007960.D
Acq: 11 Mar 2019 09:41

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.2	7.8	11.8	





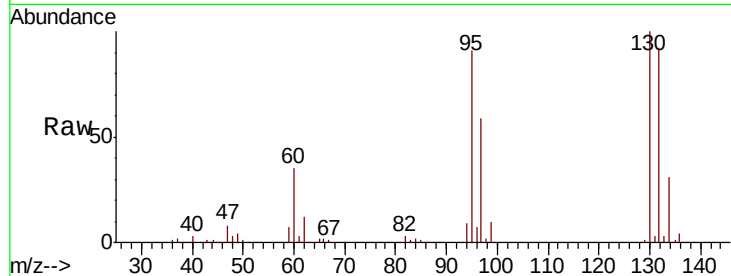
#37
 Trichloroethene
 Concen: 19.546 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX007960.D
 Acq: 11 Mar 2019 09:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

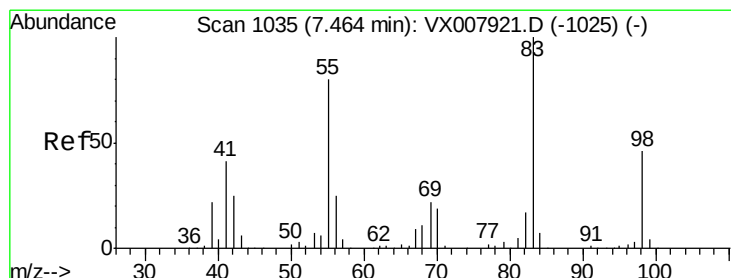
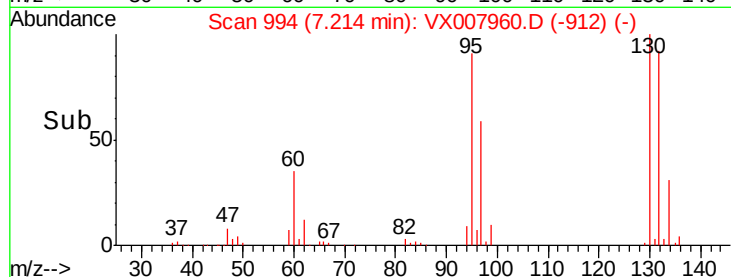
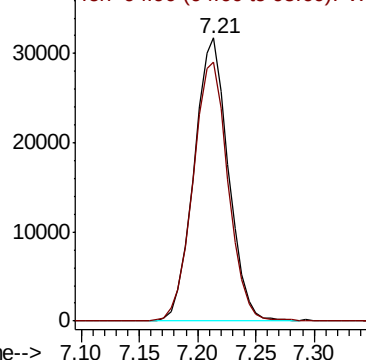
Tgt Ion:130 Resp: 65446
 Ion Ratio Lower Upper
 130 100
 95 91.3 71.3 106.9

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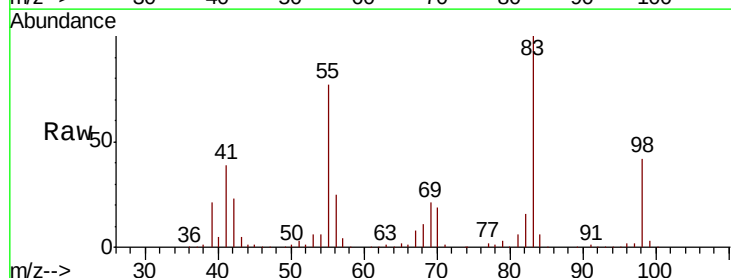


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VX0

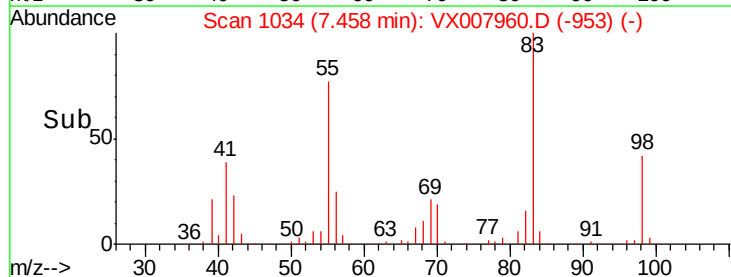
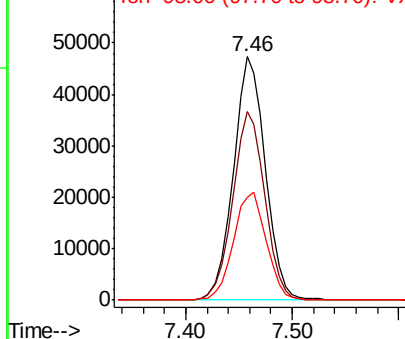


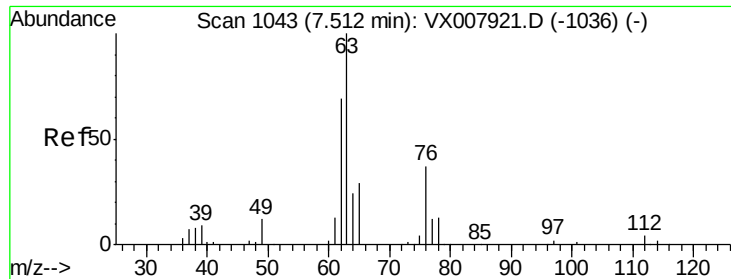
#38
 Methylcyclohexane
 Concen: 19.375 ug/l
 RT: 7.46 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: VX007960.D
 Acq: 11 Mar 2019 09:41

Tgt Ion: 83 Resp: 99338
 Ion Ratio Lower Upper
 83 100
 55 77.7 36.0 108.0
 98 45.8 23.8 71.4



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





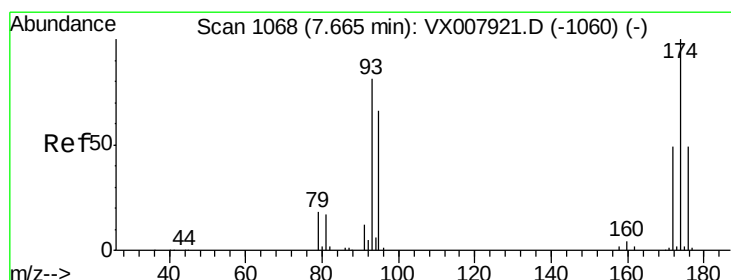
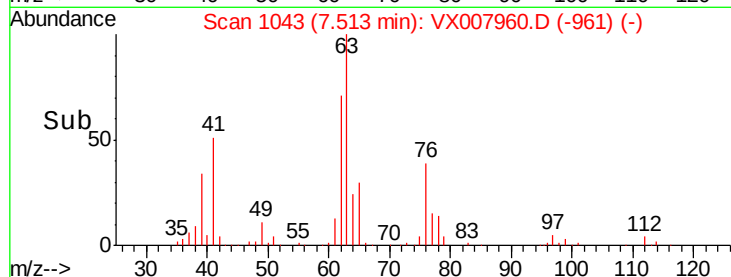
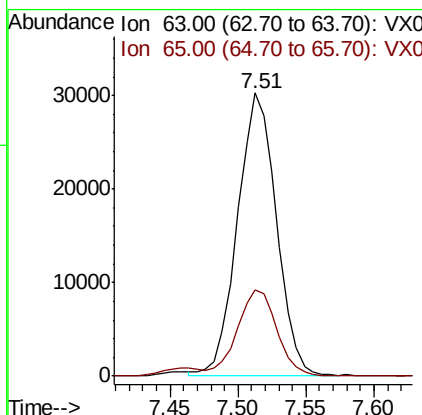
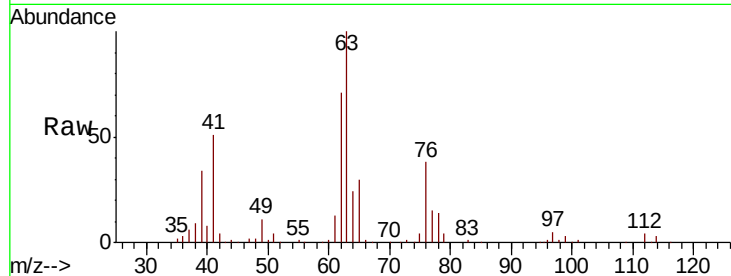
#39
 1,2-Dichloropropane
 Concen: 18.726 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX007960.D
 Acq: 11 Mar 2019 09:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tgt Ion: 63 Resp: 60354
 Ion Ratio Lower Upper
 63 100
 65 30.5 24.6 37.0

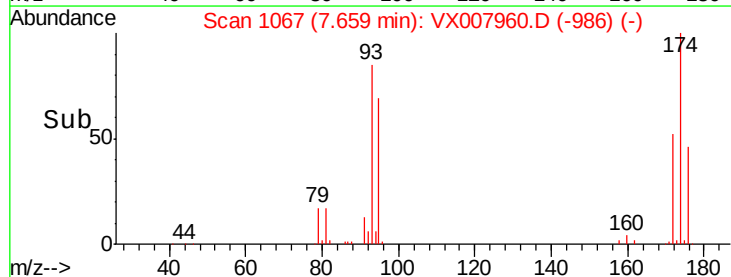
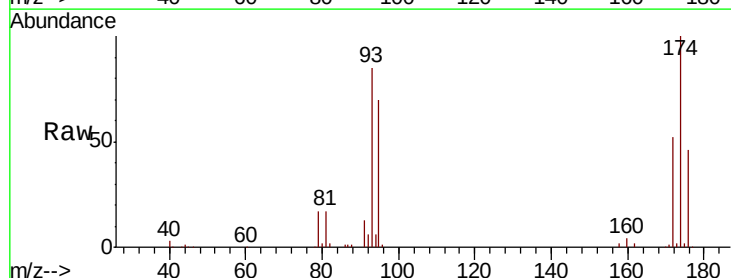
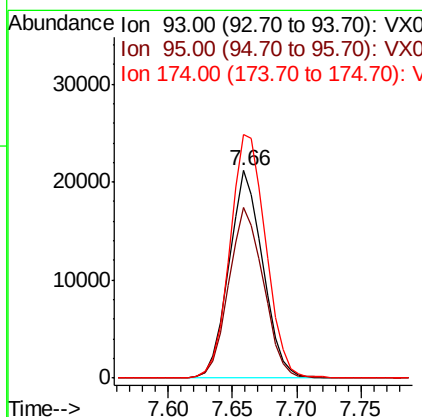
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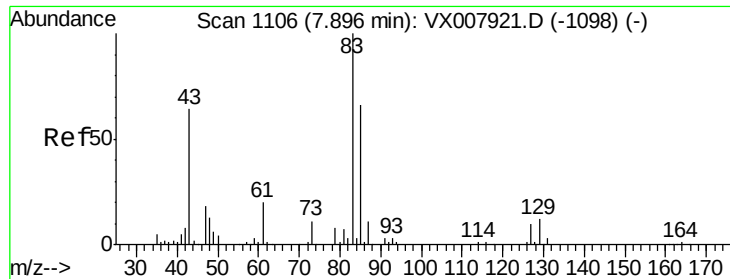
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#40
 Dibromomethane
 Concen: 19.023 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.01 min
 Lab File: VX007960.D
 Acq: 11 Mar 2019 09:41

Tgt Ion: 93 Resp: 38889
 Ion Ratio Lower Upper
 93 100
 95 83.9 0.0 158.8
 174 123.6 0.0 224.2





#41

Bromodichloromethane

Concen: 18.992 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX007960.D

Acq: 11 Mar 2019 09:41

Instrument :

MSVOA_X

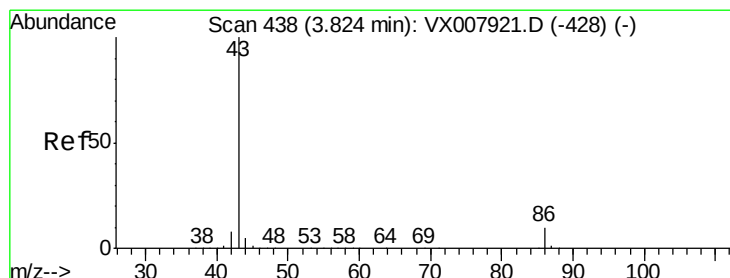
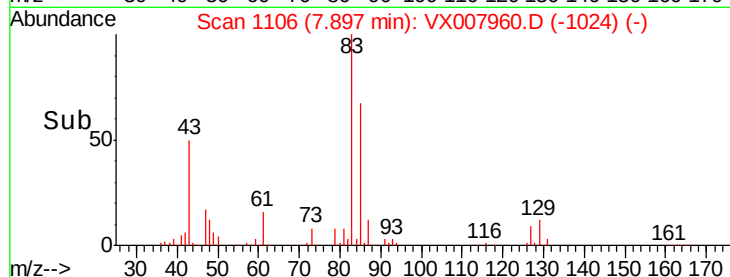
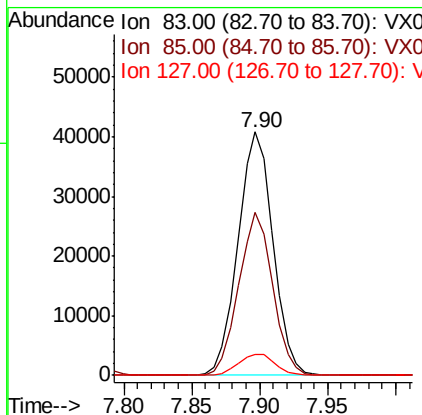
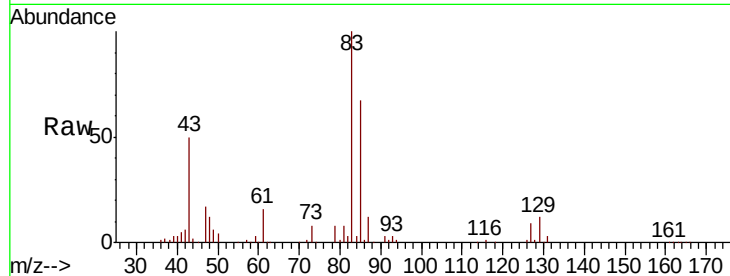
ClientSampled :

VSTDCCC020

Tgt Ion:	83	Resp:	73388
Ion	Ratio	Lower	Upper
83	100		
85	66.9	51.1	76.7
127	8.8	7.2	10.8

Manual Integrations
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#42

Vinyl Acetate

Concen: 100.531 ug/l

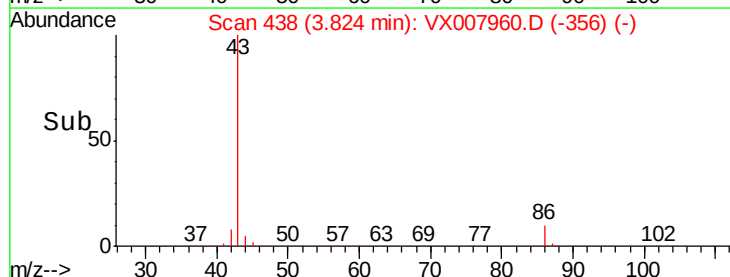
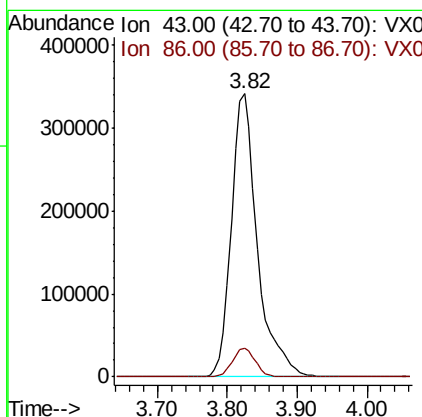
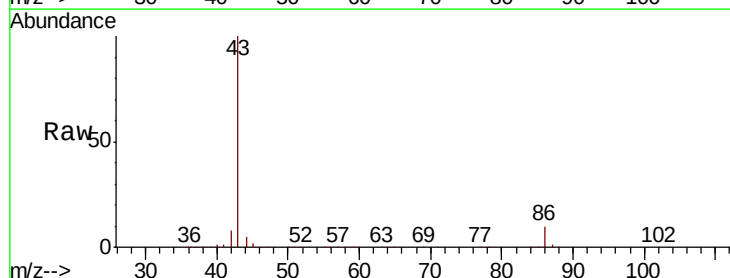
RT: 3.82 min Scan# 438

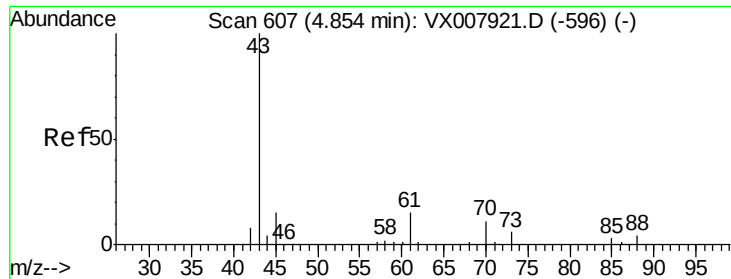
Delta R.T. 0.00 min

Lab File: VX007960.D

Acq: 11 Mar 2019 09:41

Tgt Ion:	43	Resp:	885110
Ion	Ratio	Lower	Upper
43	100		
86	9.0	8.2	12.2





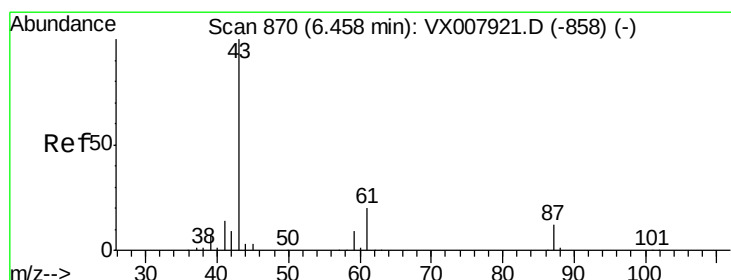
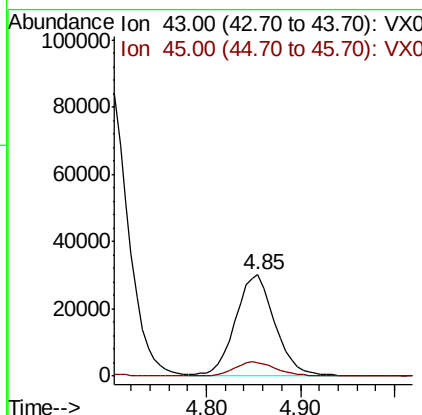
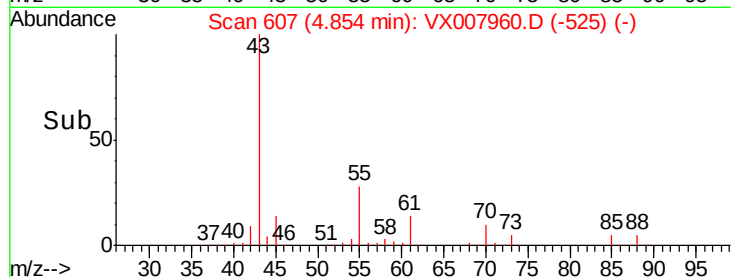
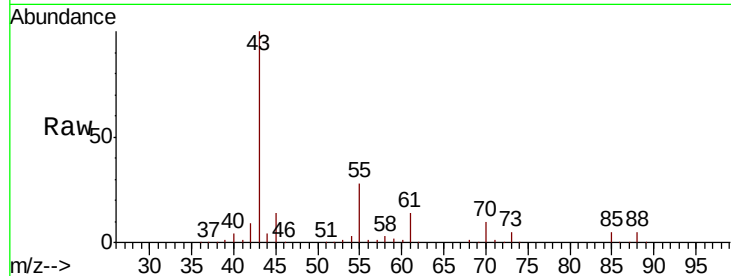
#43
Ethyl Acetate
Concen: 18.435 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX007960.D
Acq: 11 Mar 2019 09:41

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC020

Tgt Ion: 43 Resp: 87338
Ion Ratio Lower Upper
43 100
45 14.8 6.9 10.3#

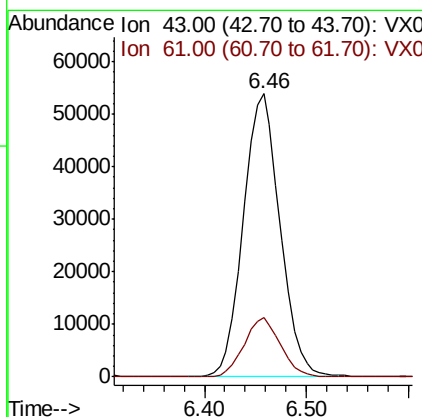
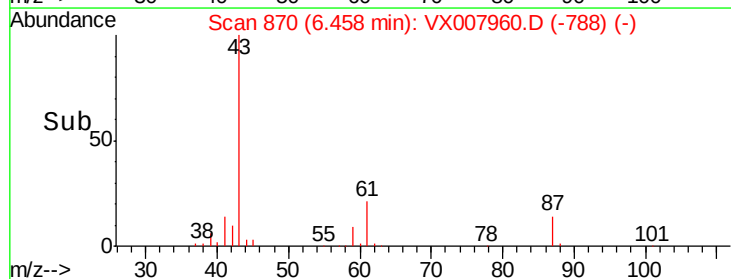
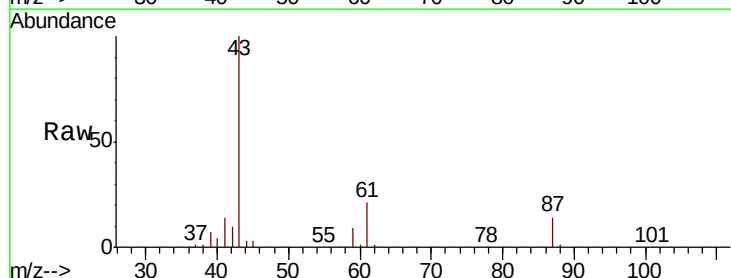
Manual Integrations
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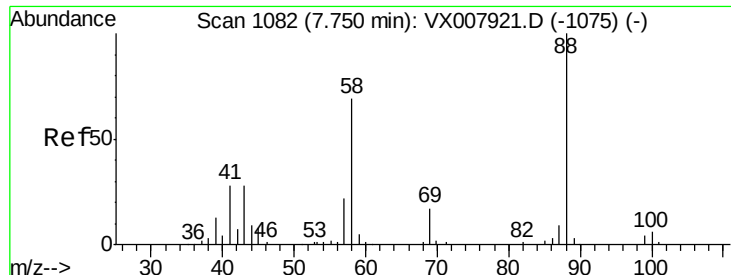
MMDadoda
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#44
Isopropyl Acetate
Concen: 18.637 ug/l
RT: 6.46 min Scan# 870
Delta R.T. 0.00 min
Lab File: VX007960.D
Acq: 11 Mar 2019 09:41

Tgt Ion: 43 Resp: 134725
Ion Ratio Lower Upper
43 100
61 20.8 16.1 24.1





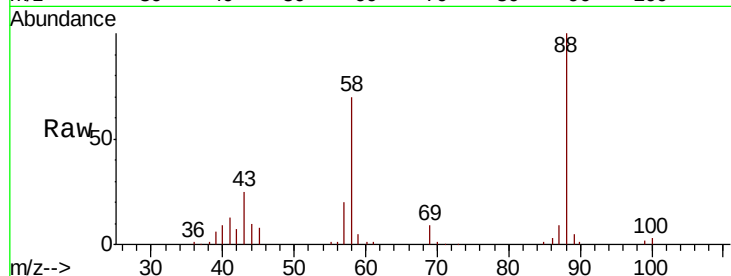
#45
1,4-Dioxane
Concen: 384.851 ug/l
RT: 7.74 min Scan# 1081
Delta R.T. -0.01 min
Lab File: VX007960.D
Acq: 11 Mar 2019 09:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

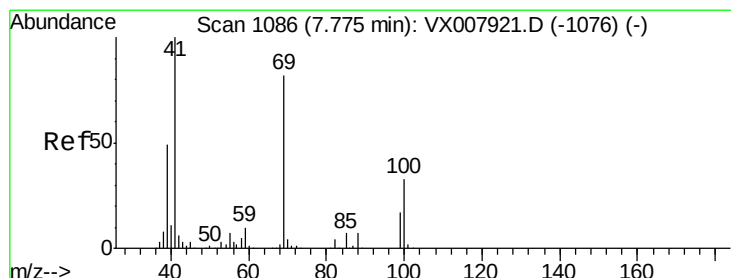
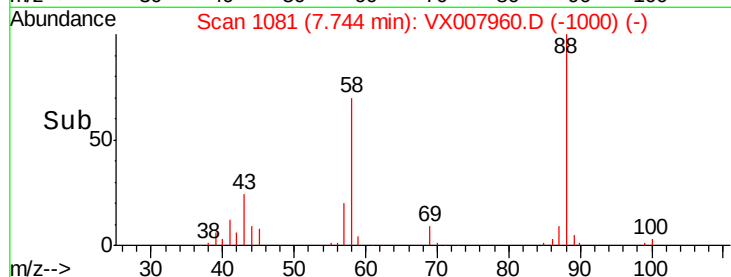
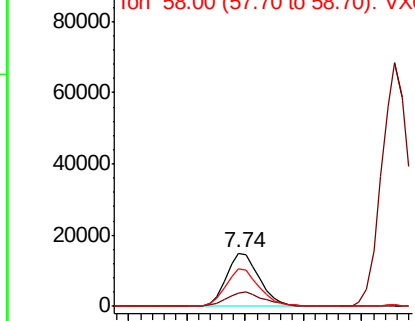
Tgt Ion	Ratio	Lower	Upper
88	100		
43	32.1	23.6	35.4
58	72.0	51.6	77.4

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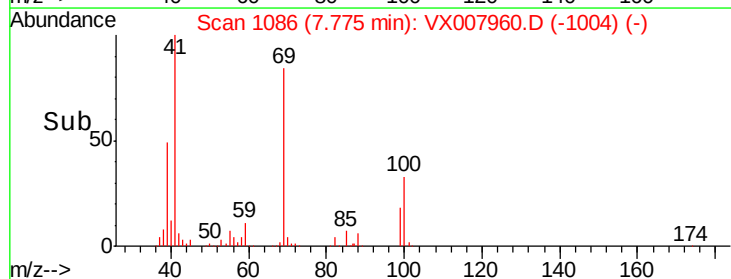
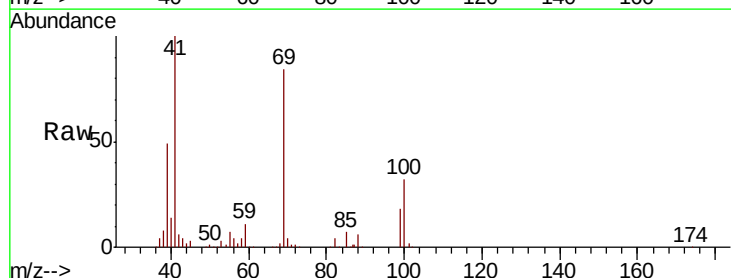
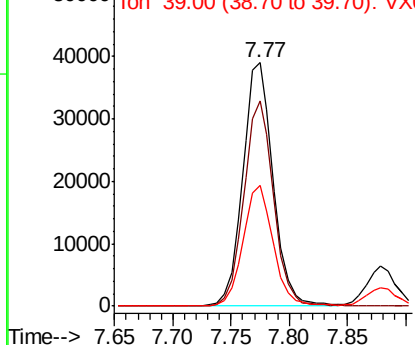
Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

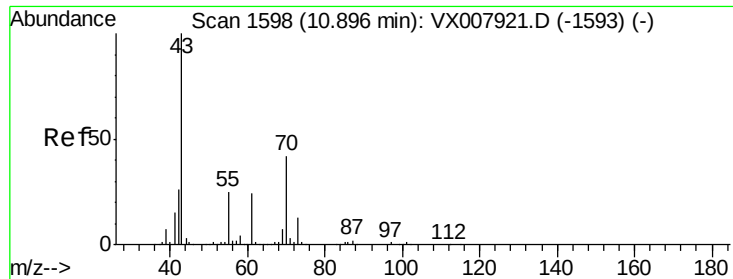


#46
Methyl methacrylate
Concen: 18.586 ug/l
RT: 7.77 min Scan# 1086
Delta R.T. 0.00 min
Lab File: VX007960.D
Acq: 11 Mar 2019 09:41

Tgt Ion	Ratio	Lower	Upper
41	100		
69	84.2	44.2	132.6
39	49.4	29.9	89.8

Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0





#47

n-amyI Acetate

Concen: 18.170 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX007960.D

Acq: 11 Mar 2019 09:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 43 Resp: 113173

Ion Ratio Lower Upper

43 100

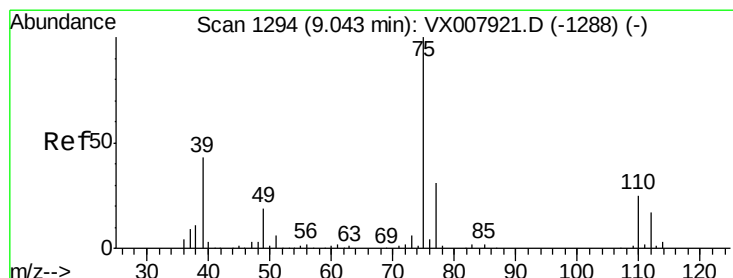
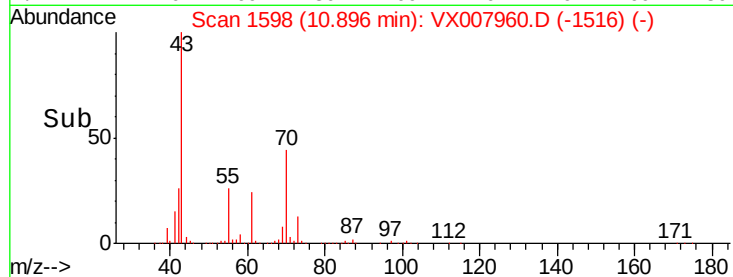
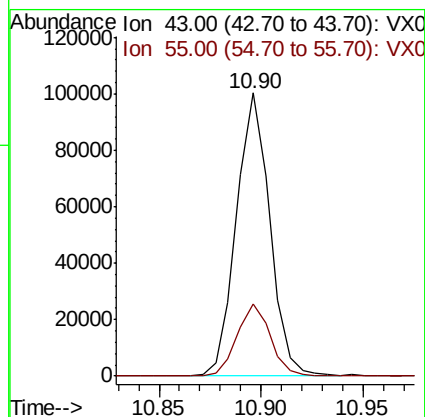
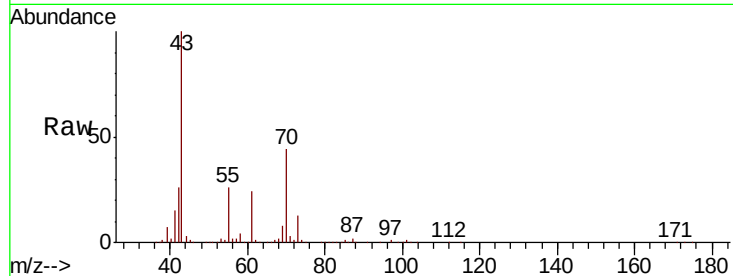
55 25.6 20.8 31.2

Manual Integrations

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#48

t-1,3-Dichloropropene

Concen: 19.144 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. -0.01 min

Lab File: VX007960.D

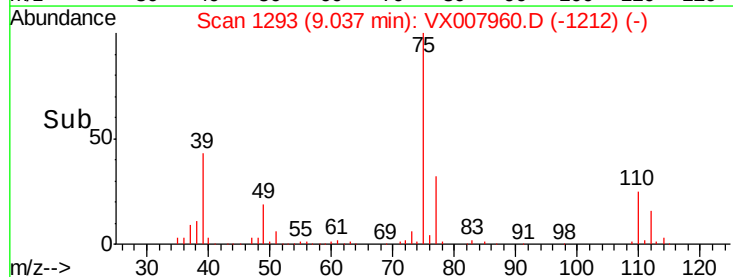
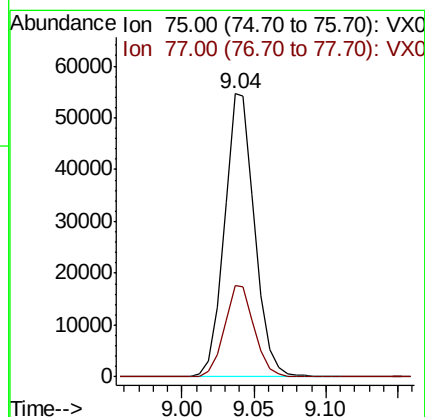
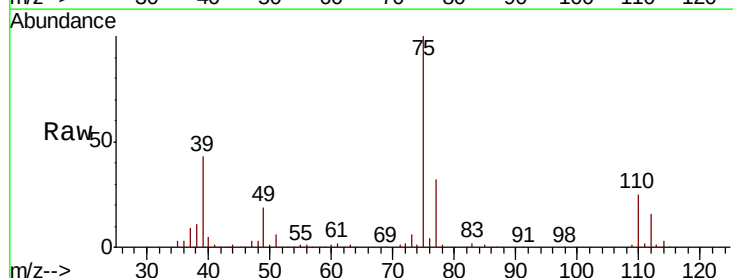
Acq: 11 Mar 2019 09:41

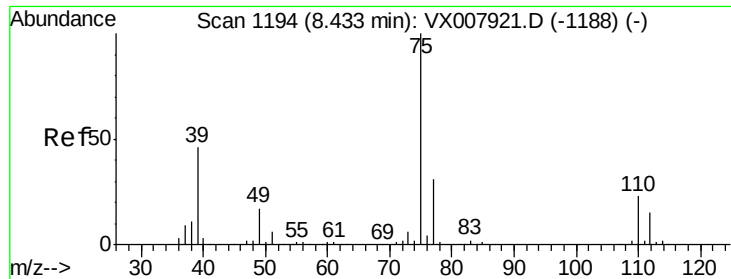
Tgt Ion: 75 Resp: 80121

Ion Ratio Lower Upper

75 100

77 32.3 24.5 36.7





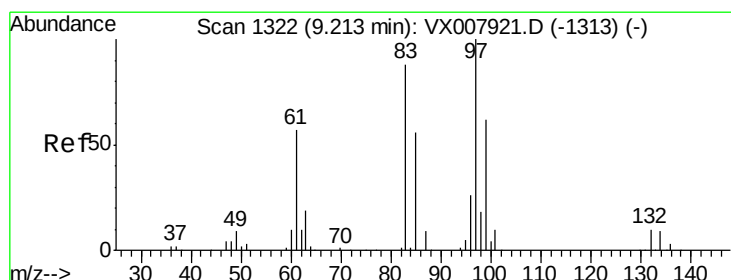
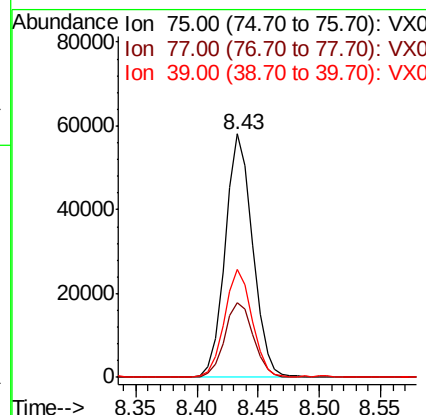
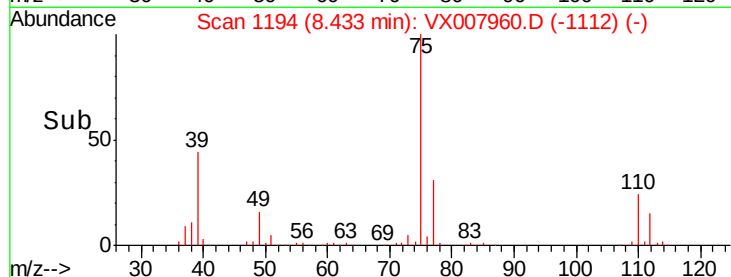
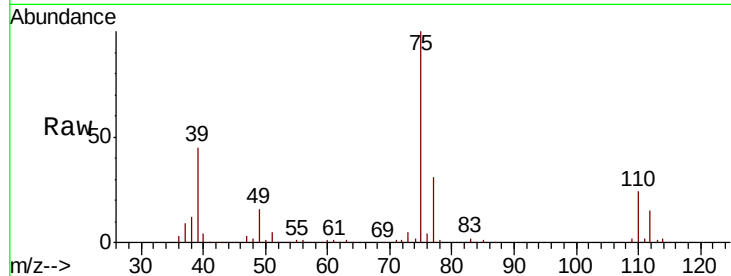
#49
 cis-1,3-Dichloropropene
 Concen: 19.111 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX007960.D
 Acq: 11 Mar 2019 09:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tgt Ion:	75	Resp:	90566
Ion	Ratio	Lower	Upper
75	100		
77	30.9	25.0	37.4
39	44.4	38.5	57.7

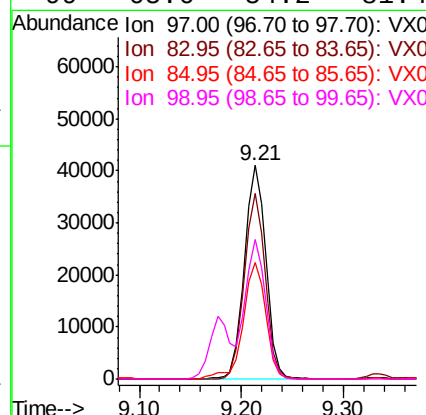
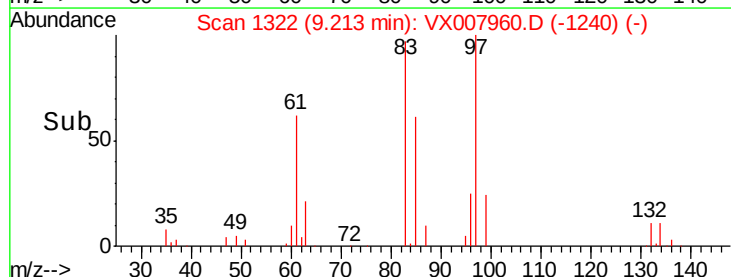
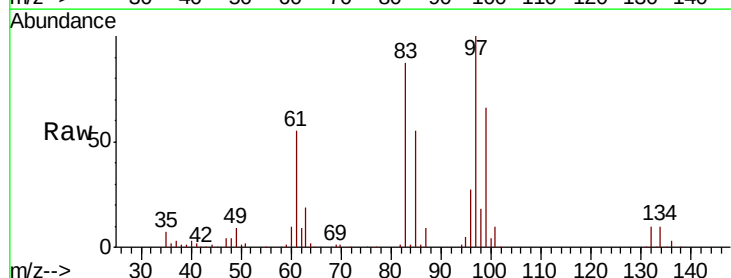
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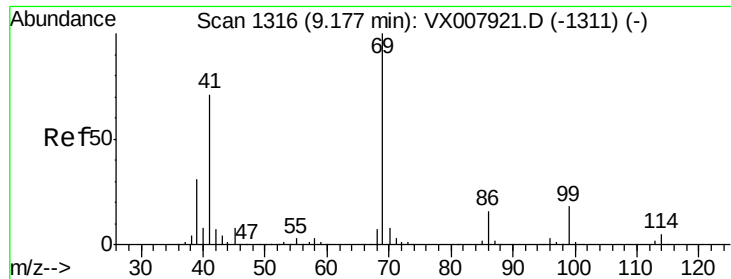
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#50
 1,1,2-Trichloroethane
 Concen: 19.092 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX007960.D
 Acq: 11 Mar 2019 09:41

Tgt Ion:	97	Resp:	59494
Ion	Ratio	Lower	Upper
97	100		
83	86.9	72.0	108.0
85	54.7	45.0	67.6
99	65.6	54.2	81.4





#51

Ethyl methacrylate

Concen: 18.617 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX007960.D

Acq: 11 Mar 2019 09:41

Instrument :

MSVOA_X

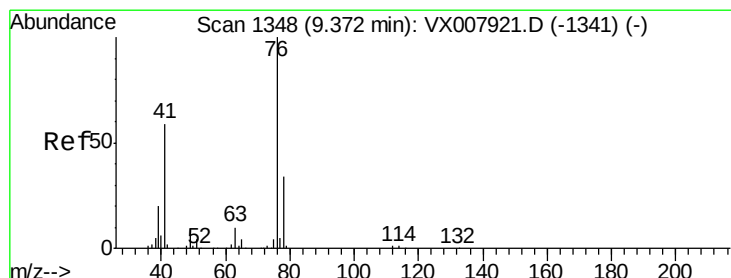
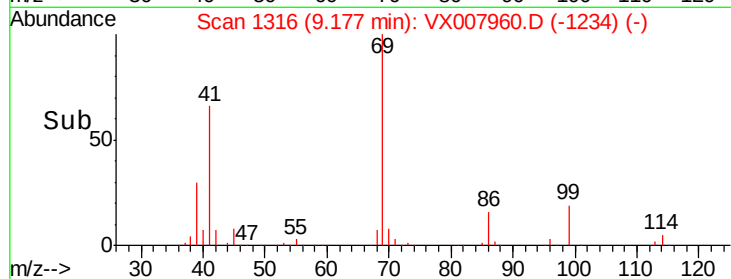
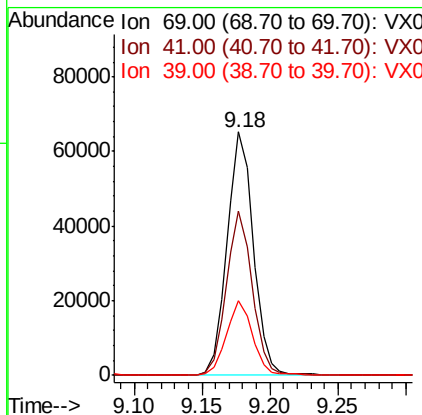
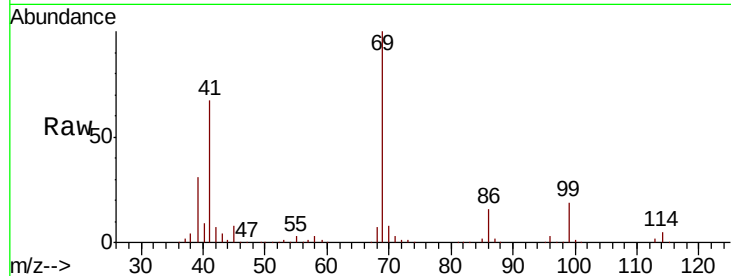
ClientSampleId :

VSTDCCC020

Tgt Ion:	69	Resp:	87978
Ion Ratio	Lower	Upper	
69	100		
41	67.3	32.1	96.5
39	30.5	18.8	56.3

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 19.008 ug/l

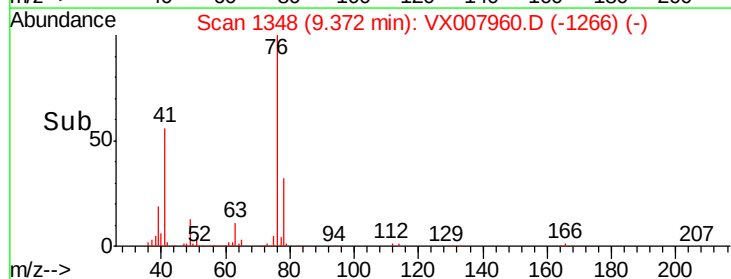
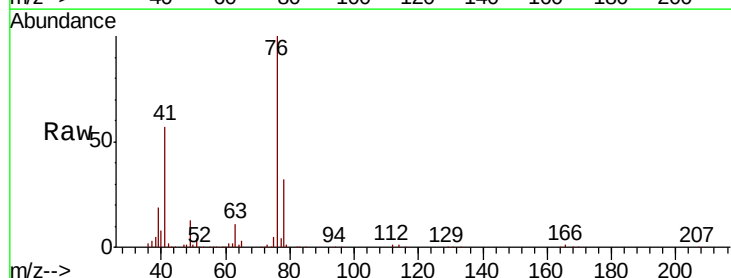
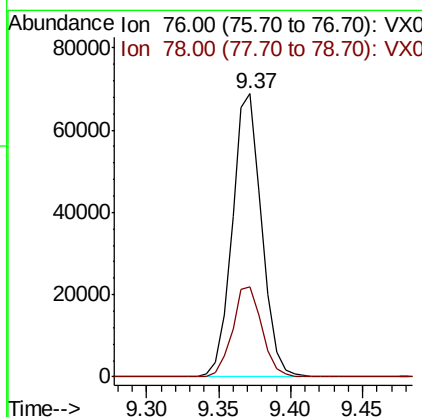
RT: 9.37 min Scan# 1348

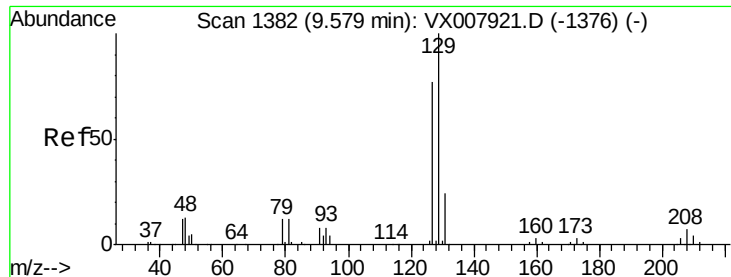
Delta R.T. 0.00 min

Lab File: VX007960.D

Acq: 11 Mar 2019 09:41

Tgt Ion:	76	Resp:	97871
Ion Ratio	Lower	Upper	
76	100		
78	32.1	0.0	65.2





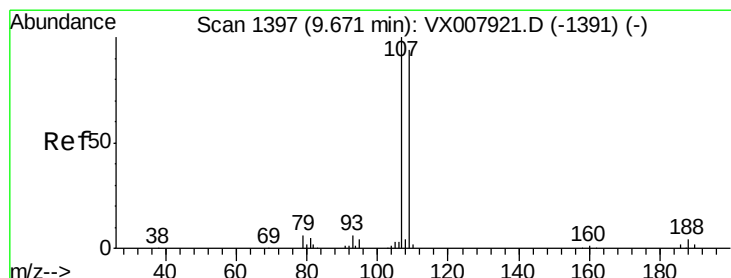
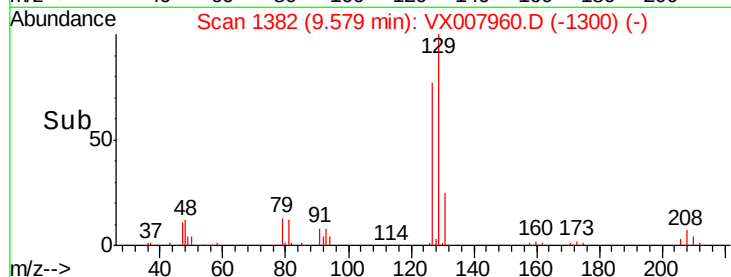
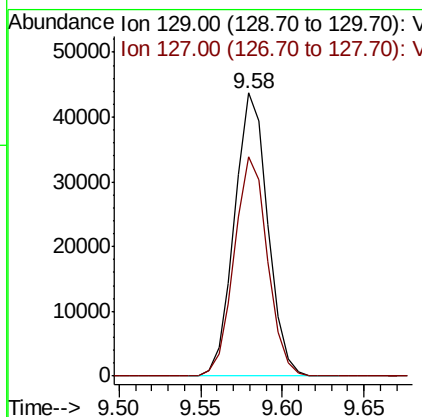
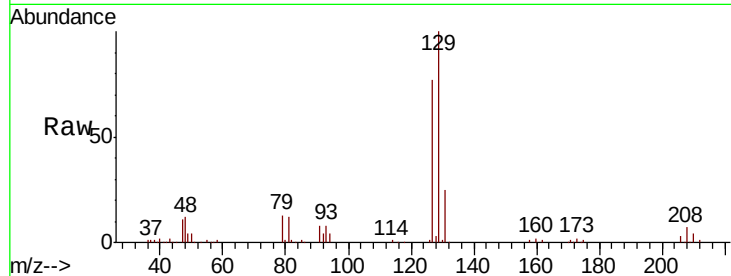
#53
Dibromochloromethane
Concen: 19.413 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX007960.D
Acq: 11 Mar 2019 09:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:129 Resp: 62225
Ion Ratio Lower Upper
129 100
127 77.3 38.4 115.2

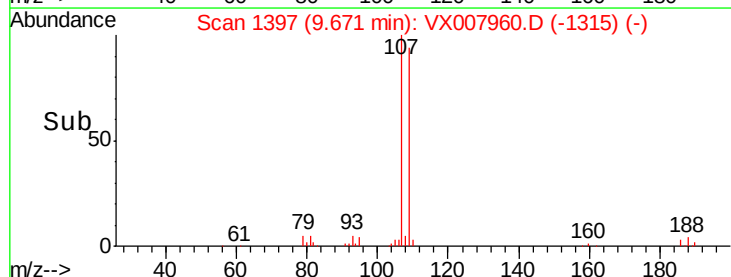
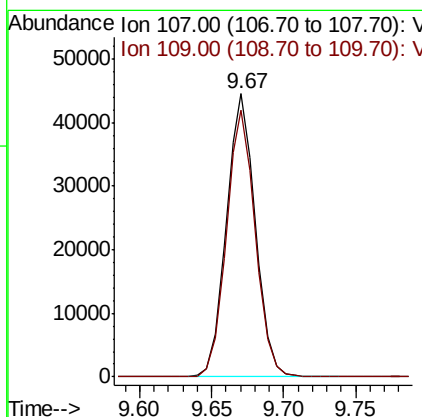
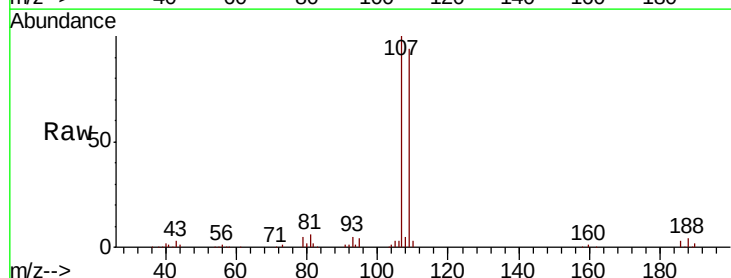
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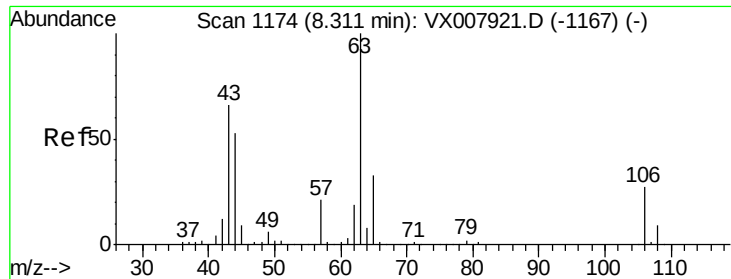
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#54
1,2-Dibromoethane
Concen: 19.249 ug/l
RT: 9.67 min Scan# 1397
Delta R.T. 0.00 min
Lab File: VX007960.D
Acq: 11 Mar 2019 09:41

Tgt Ion:107 Resp: 62710
Ion Ratio Lower Upper
107 100
109 93.9 76.6 115.0





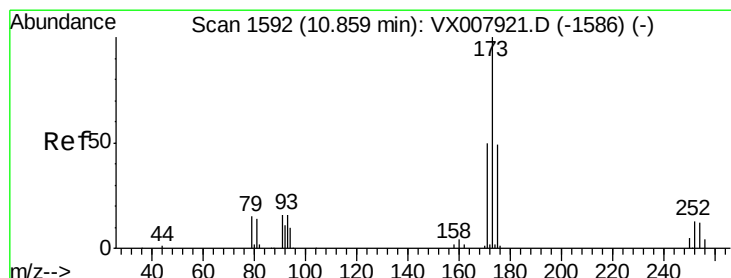
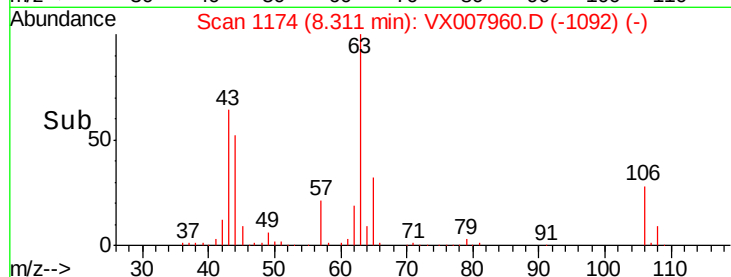
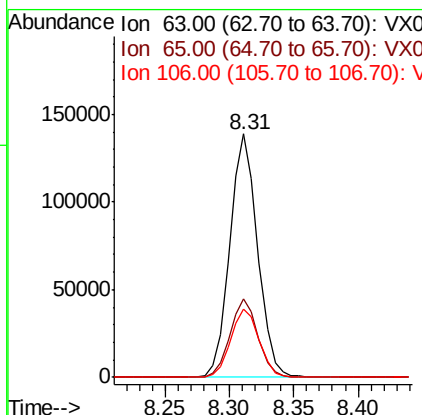
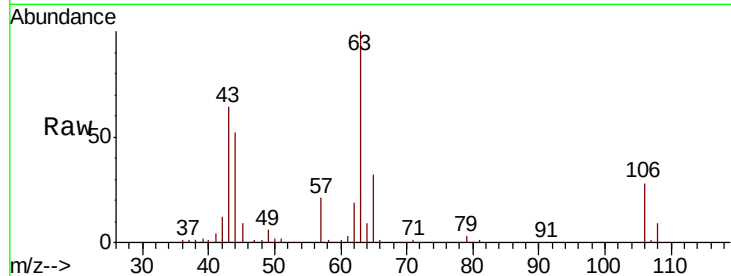
#55
 2-Chloroethyl vinyl ether
 Concen: 95.431 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX007960.D
 Acq: 11 Mar 2019 09:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tgt Ion	Ratio	Lower	Upper
63	100		
65	32.1	25.7	38.5
106	28.6	23.7	35.5

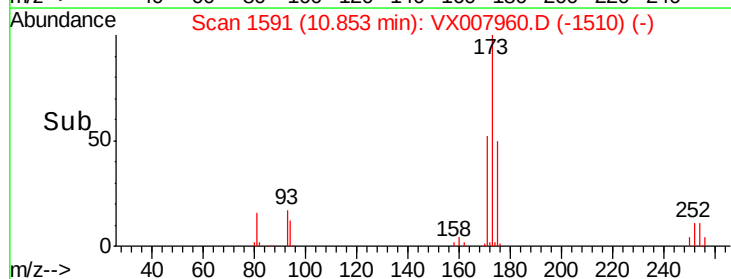
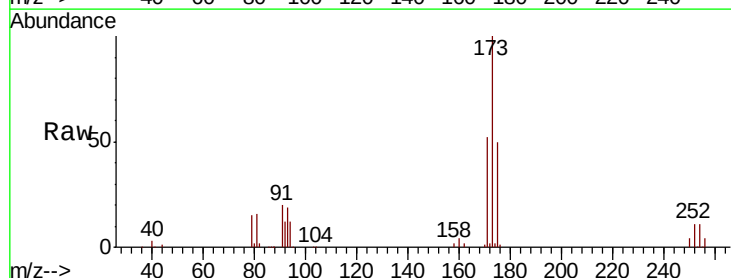
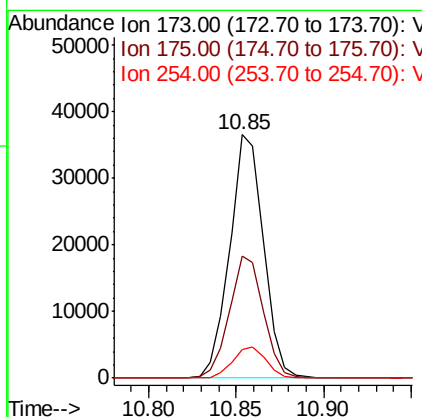
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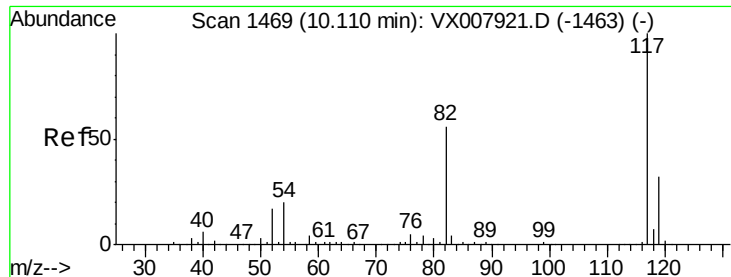
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#56
 Bromoform
 Concen: 19.291 ug/l
 RT: 10.85 min Scan# 1591
 Delta R.T. -0.01 min
 Lab File: VX007960.D
 Acq: 11 Mar 2019 09:41

Tgt Ion	Ratio	Lower	Upper
173	100		
175	50.0	38.5	57.7
254	12.5	7.4	11.2





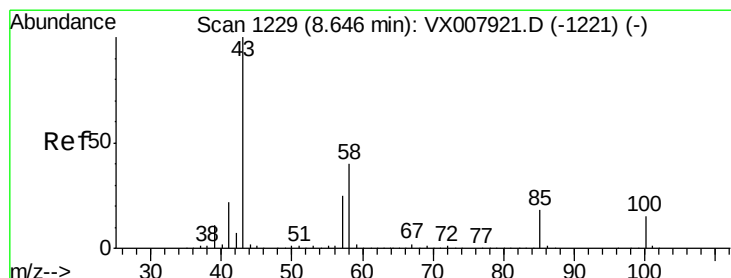
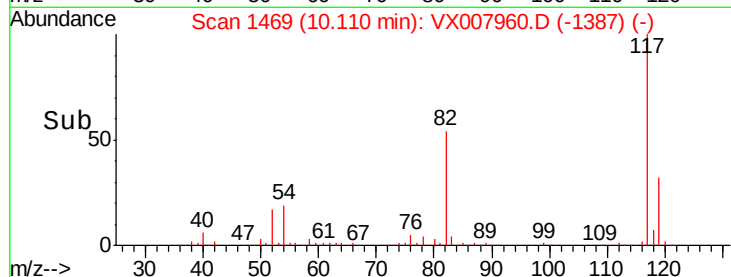
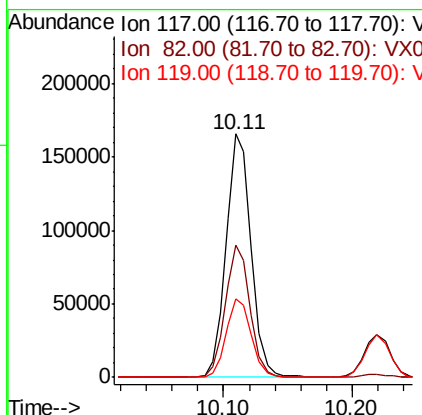
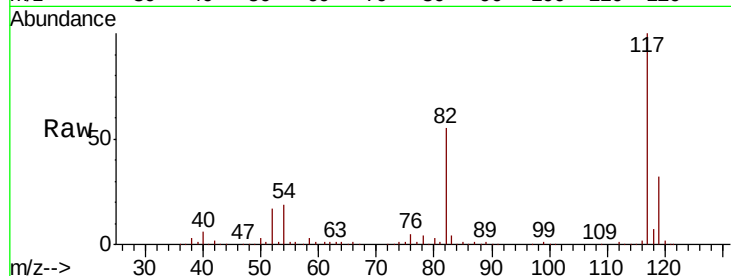
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX007960.D
Acq: 11 Mar 2019 09:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.9	40.4	60.6
119	32.4	25.8	38.6

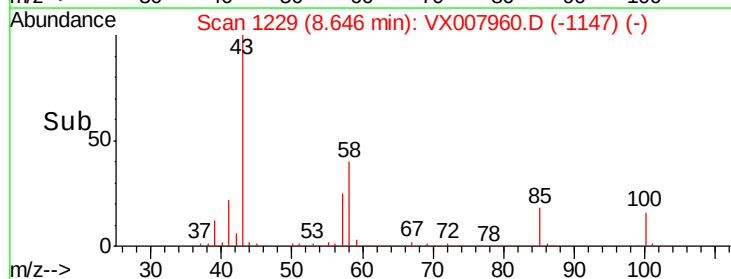
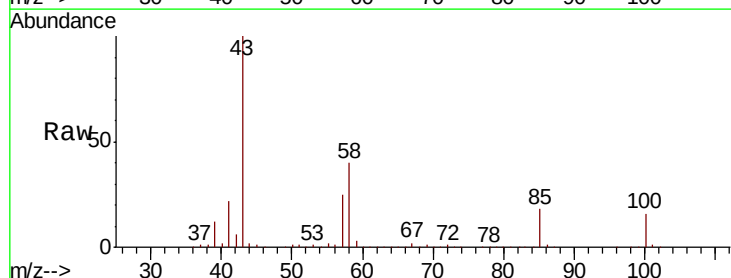
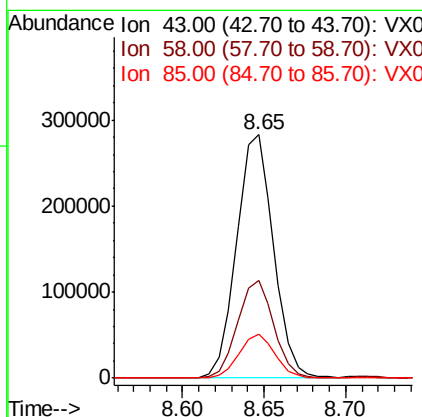
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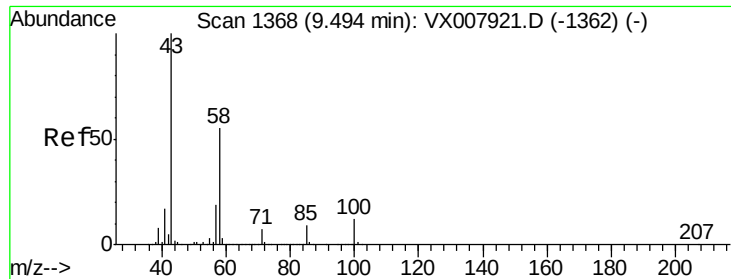
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#58
4-Methyl-2-Pentanone
Concen: 95.536 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. 0.00 min
Lab File: VX007960.D
Acq: 11 Mar 2019 09:41

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.6	31.4	47.0
85	17.9	15.0	22.6





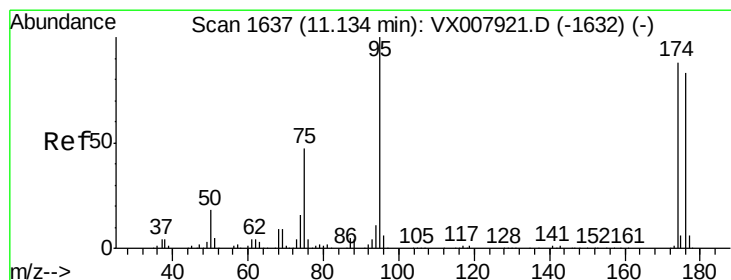
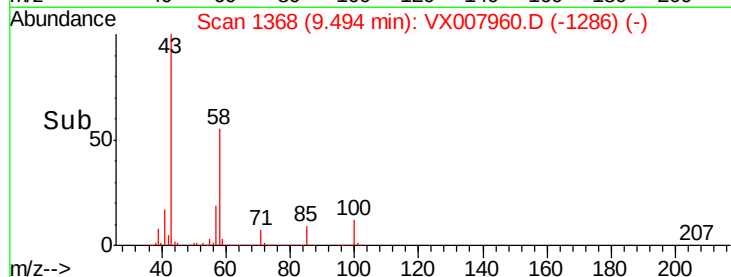
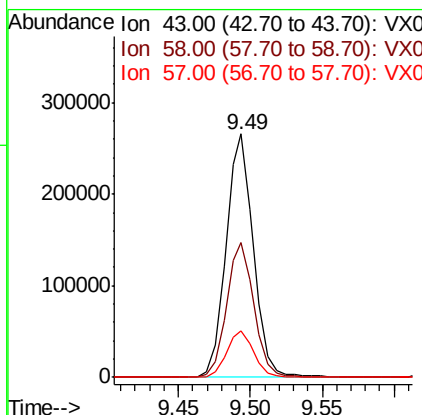
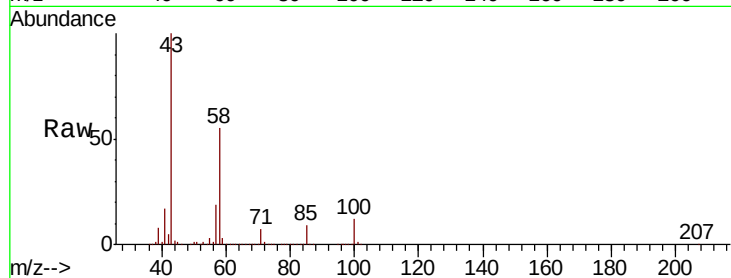
#59
2-Hexanone
Concen: 96.160 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX007960.D
Acq: 11 Mar 2019 09:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion	Ratio	Lower	Upper
43	100		
58	55.5	43.9	65.9
57	19.2	14.9	22.3

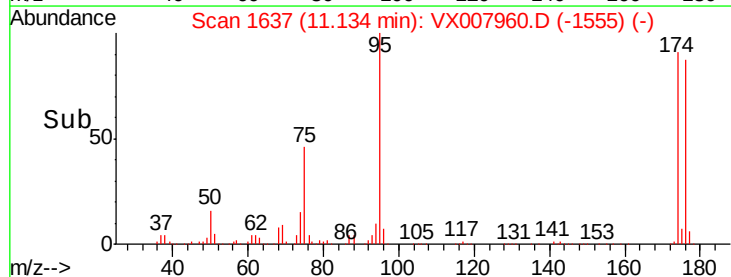
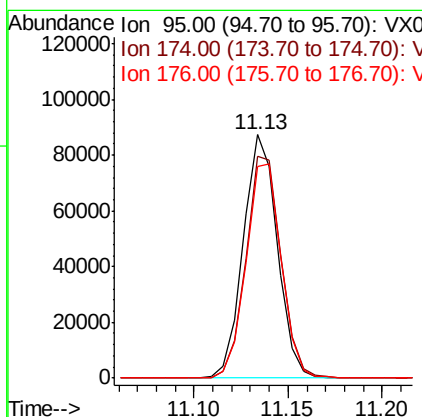
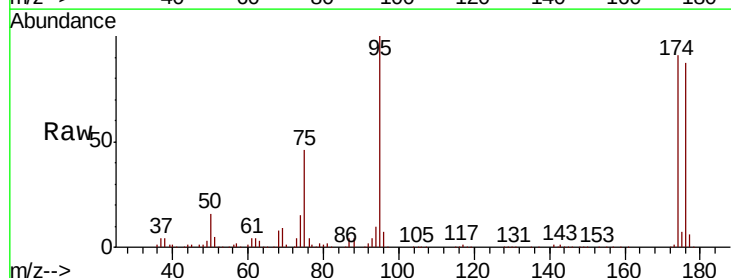
Manual Integrations
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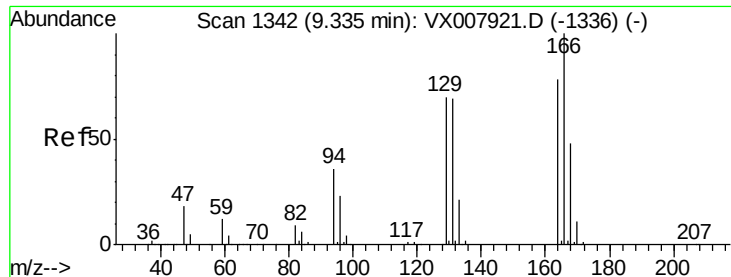
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#60
4-Bromofluorobenzene
Concen: 30.353 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX007960.D
Acq: 11 Mar 2019 09:41

Tgt Ion	Ratio	Lower	Upper
95	100		
174	94.2	74.9	112.3
176	91.2	70.7	106.1





#61

Tetrachloroethene

Concen: 20.834 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX007960.D

Acq: 11 Mar 2019 09:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion:164 Resp: 68726

Ion Ratio Lower Upper

164 100

166 128.9 103.9 155.9

129 86.1 74.7 112.1

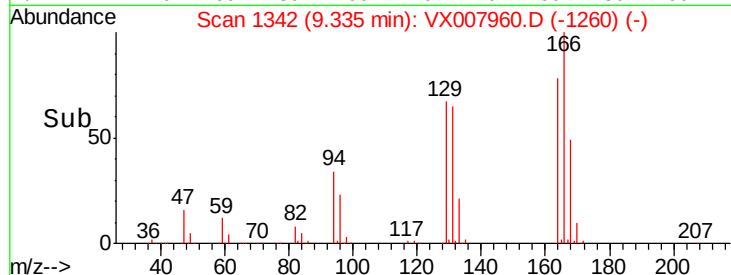
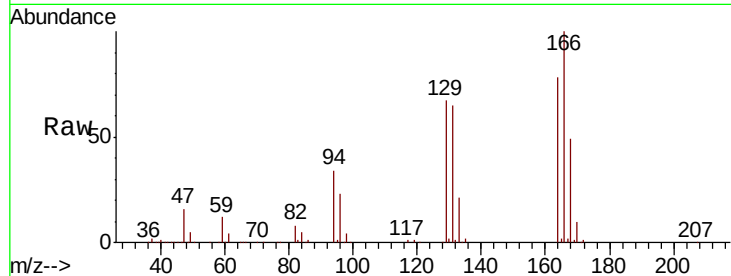
131 84.3 71.7 107.5

Manual Integrations

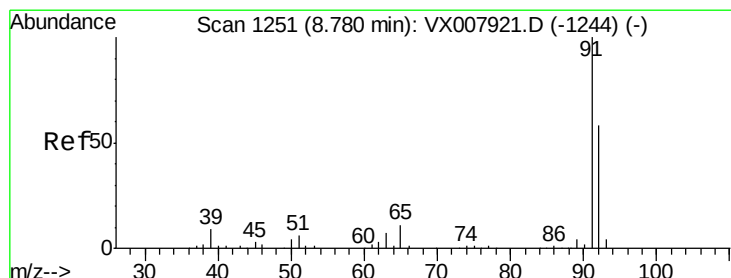
APPROVED

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3/12/2019 1:09:48 PM



Time-->



#62

Toluene

Concen: 18.960 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VX007960.D

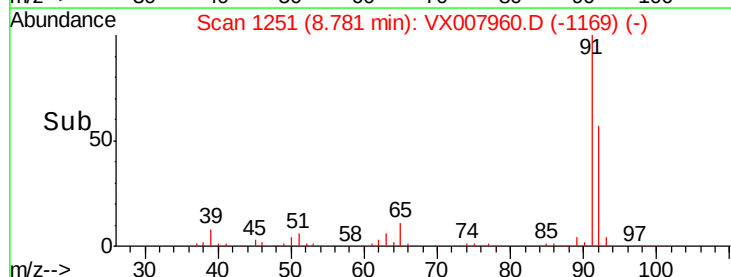
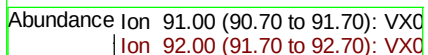
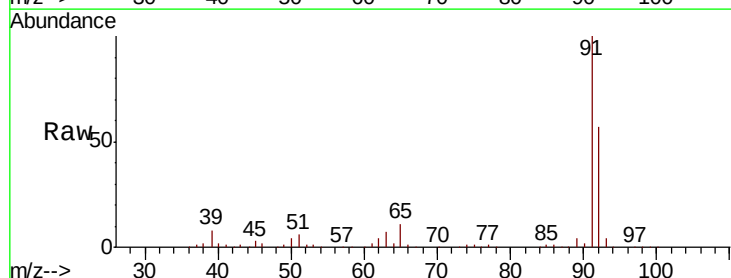
Acq: 11 Mar 2019 09:41

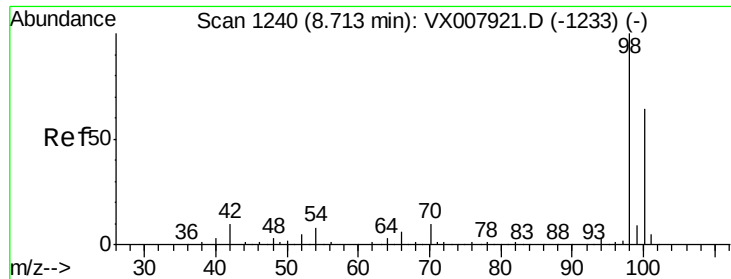
Tgt Ion: 91 Resp: 250367

Ion Ratio Lower Upper

91 100

92 58.1 46.4 69.6





#63

Toluene-d8

Concen: 30.386 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007960.D

Acq: 11 Mar 2019 09:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 98 Resp: 314469

Ion Ratio Lower Upper

98 100

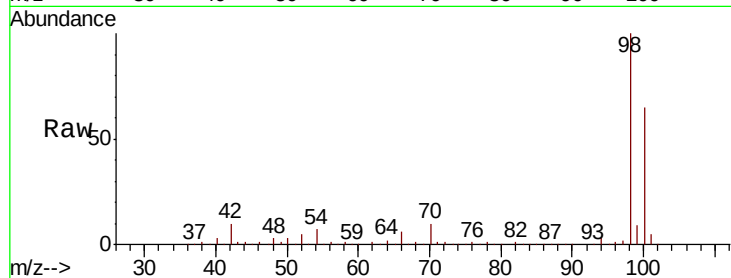
100 64.2 50.9 76.3

Manual Integrations

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Abundance Ion 98.00 (97.70 to 98.70): VX007921.D (-1233) (-)

Ion 100.00 (99.70 to 100.70): VX007960.D (-1158) (-)

8.71

200000

150000

100000

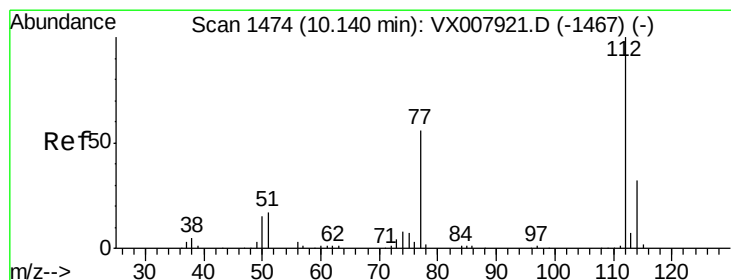
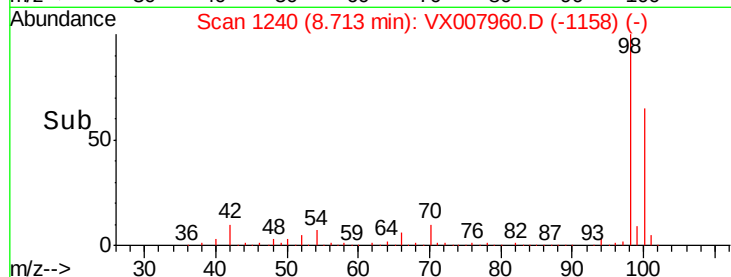
50000

0

8.70

8.80

Time-->



#64

Chlorobenzene

Concen: 19.087 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX007960.D

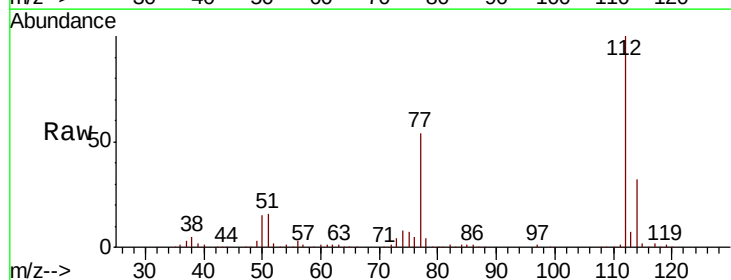
Acq: 11 Mar 2019 09:41

Tgt Ion: 112 Resp: 160637

Ion Ratio Lower Upper

112 100

114 31.8 25.4 38.2



Abundance Ion 112.00 (111.70 to 112.70): VX007921.D (-1467) (-)

Ion 114.00 (113.70 to 114.70): VX007960.D (-1392) (-)

10.14

100000

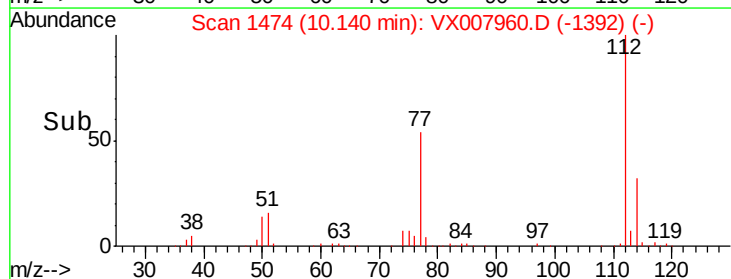
50000

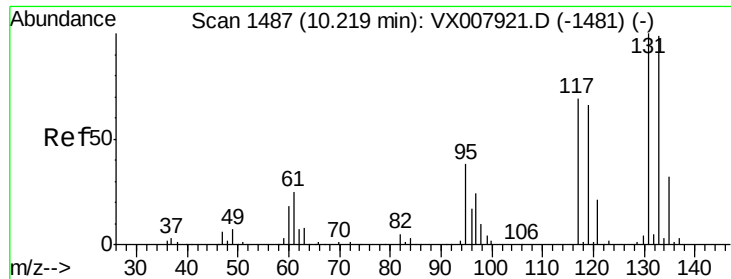
0

10.10

10.20

Time-->





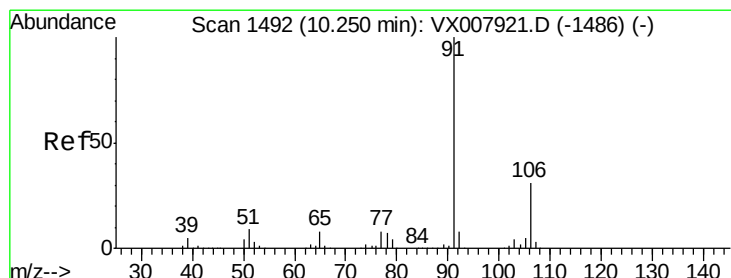
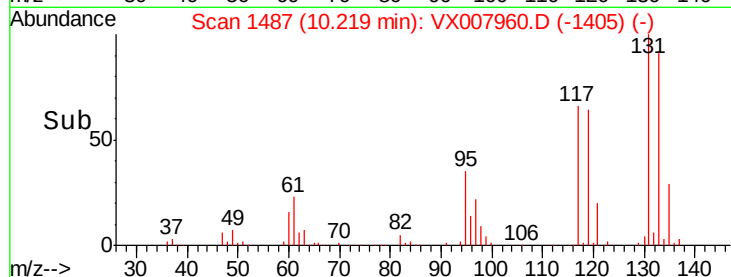
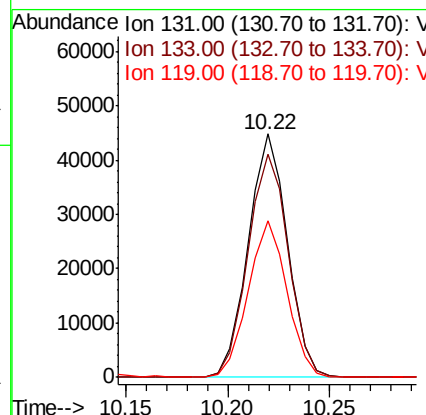
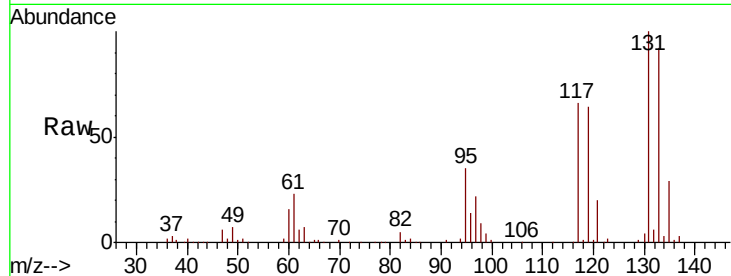
#65
 1,1,1,2-Tetrachloroethane
 Concen: 19.876 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VX007960.D
 Acq: 11 Mar 2019 09:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	59890		
133	94.4	0.0	191.6	
119	64.2	0.0	127.4	

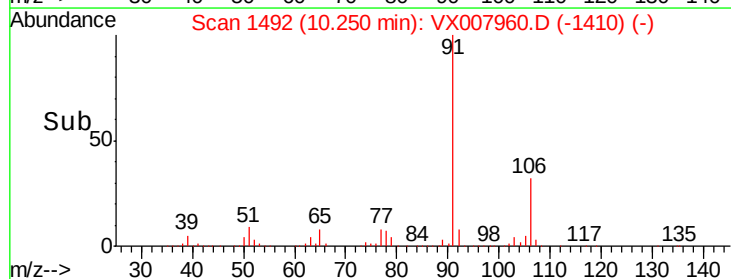
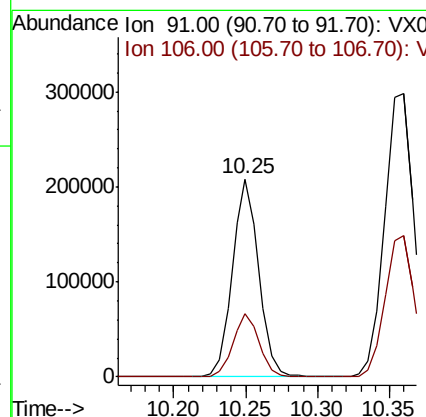
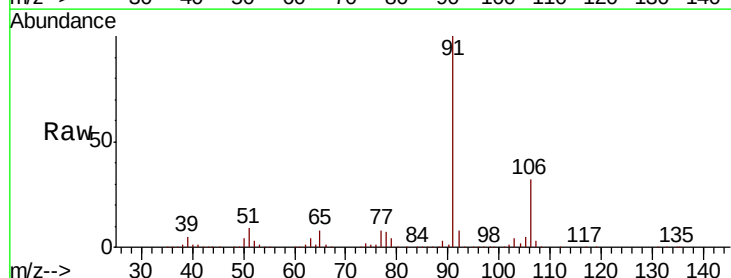
Manual Integrations
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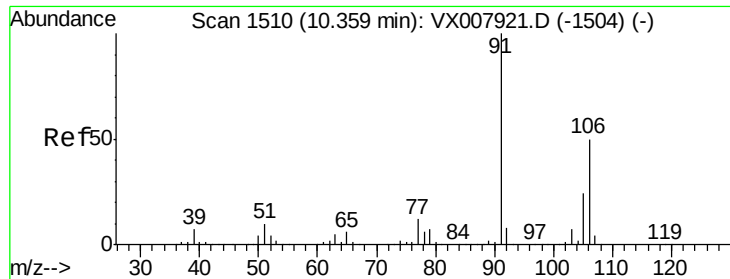
MMDadoda
 3/12/2019 1:09:48 PM



#66
 Ethyl Benzene
 Concen: 18.862 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. 0.00 min
 Lab File: VX007960.D
 Acq: 11 Mar 2019 09:41

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	267521		
106	31.7	26.0	39.0	





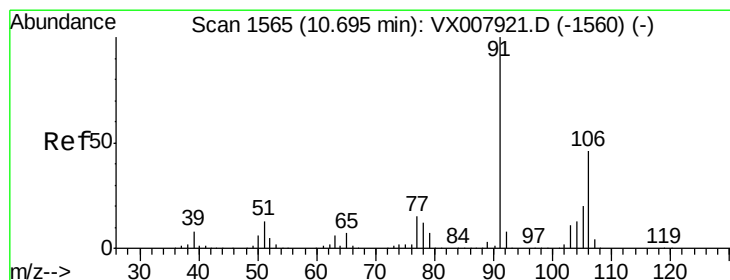
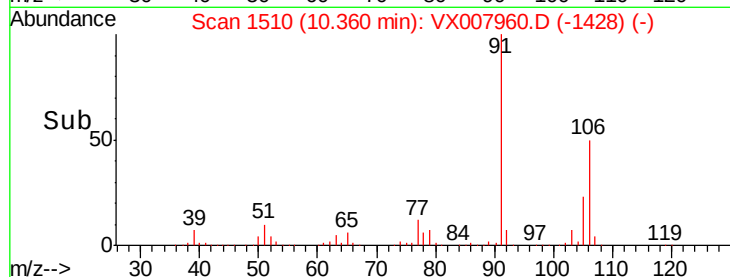
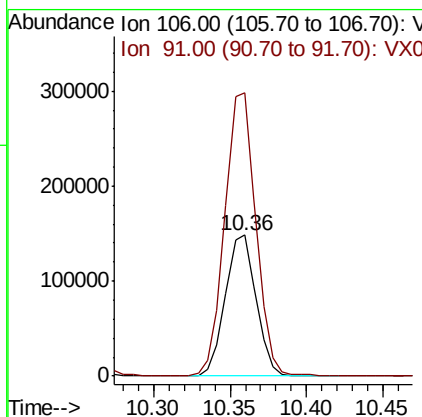
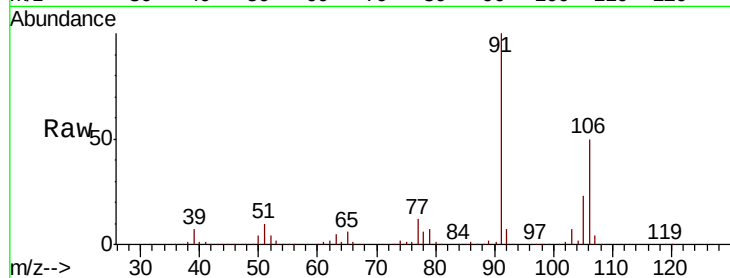
#67
m/p-Xylenes
Concen: 38.186 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX007960.D
Acq: 11 Mar 2019 09:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:106 Resp: 207675
Ion Ratio Lower Upper
106 100
91 203.1 157.0 235.4

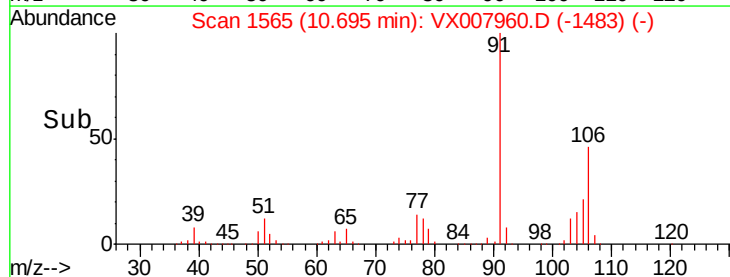
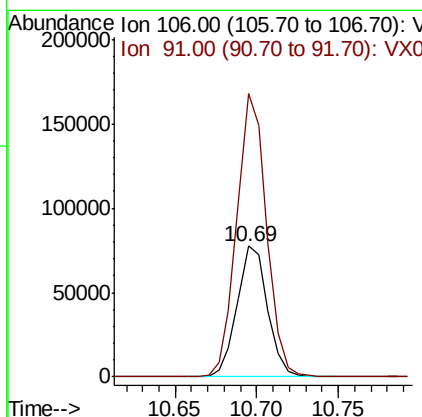
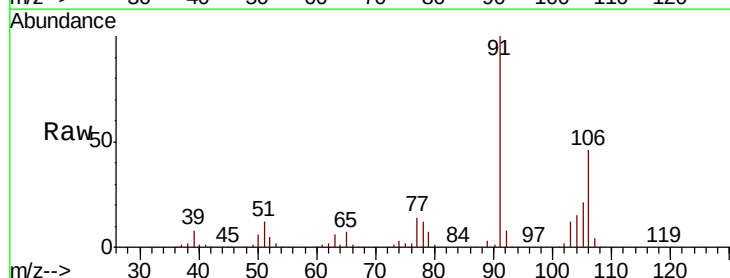
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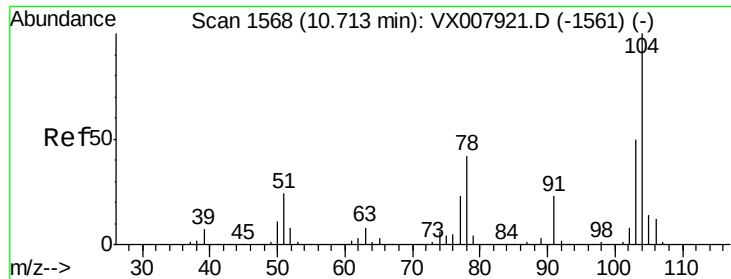
MMDadoda
3/12/2019 1:09:48 PM



#68
o-Xylene
Concen: 19.093 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX007960.D
Acq: 11 Mar 2019 09:41

Tgt Ion:106 Resp: 100833
Ion Ratio Lower Upper
106 100
91 211.6 104.4 313.2





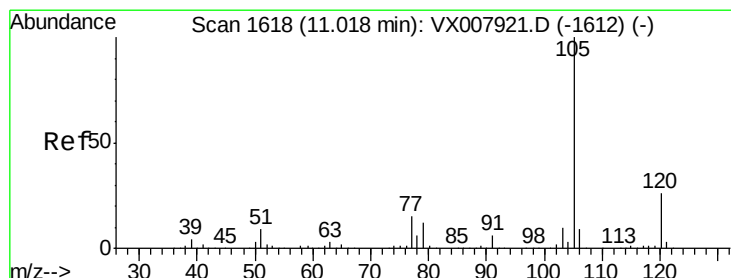
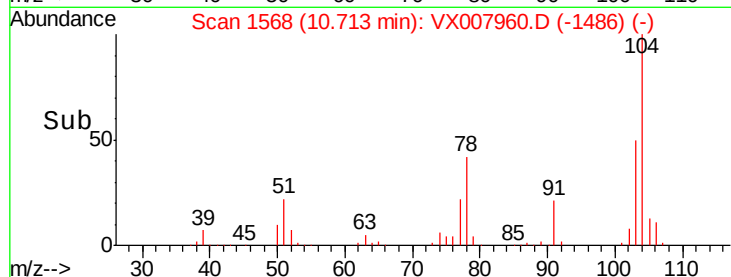
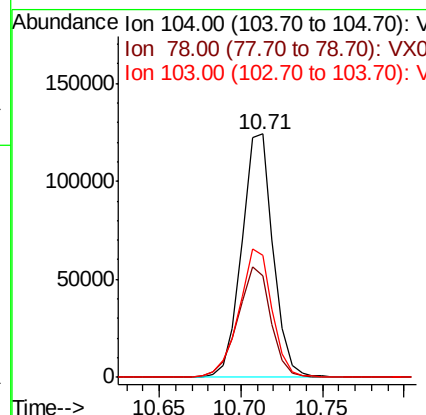
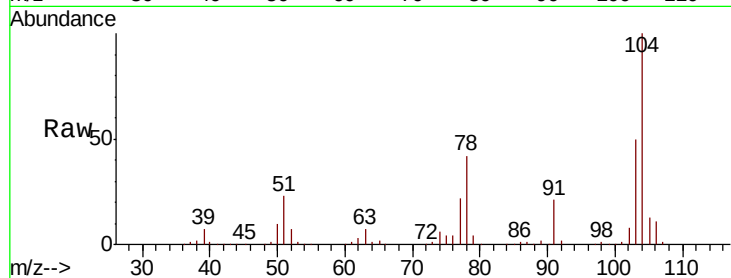
#69
Styrene
Concen: 19.116 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX007960.D
Acq: 11 Mar 2019 09:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.2	38.2	57.2
103	55.7	45.0	67.4

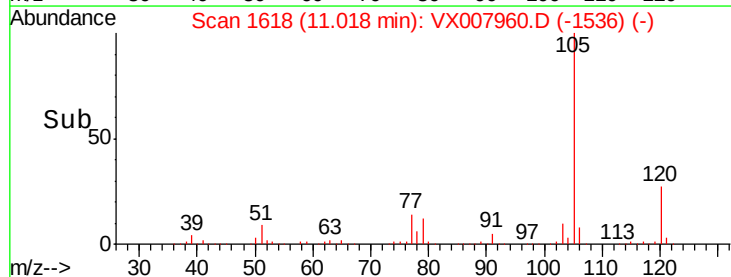
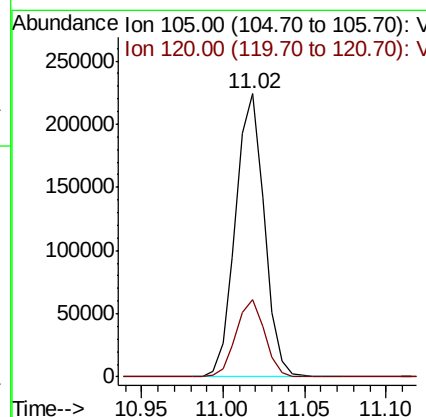
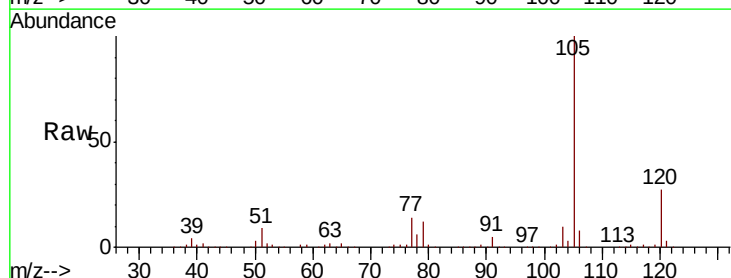
Manual Integrations
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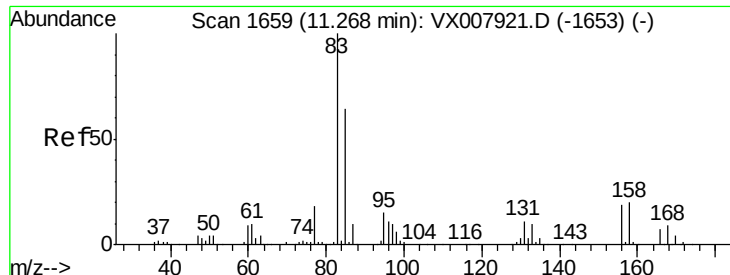
MMDadoda
3/12/2019 1:09:48 PM



#70
Isopropylbenzene
Concen: 19.486 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX007960.D
Acq: 11 Mar 2019 09:41

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.2	19.8	36.8





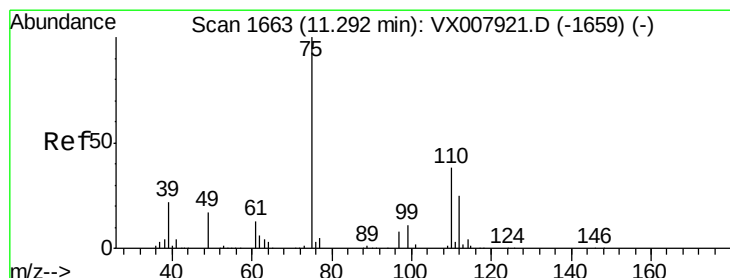
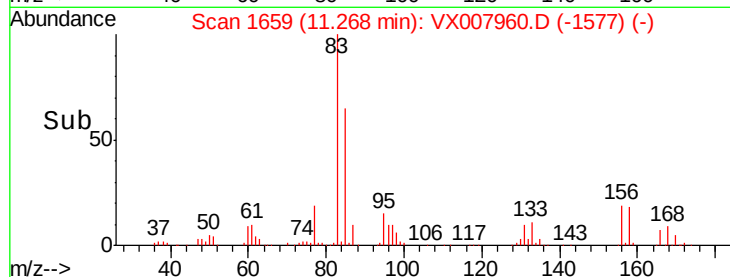
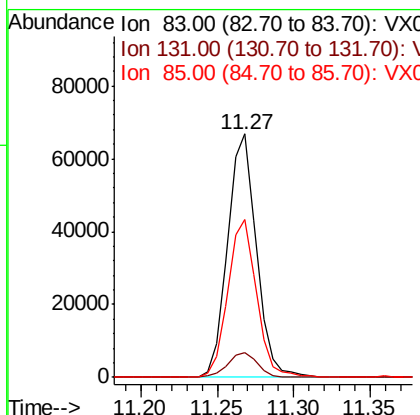
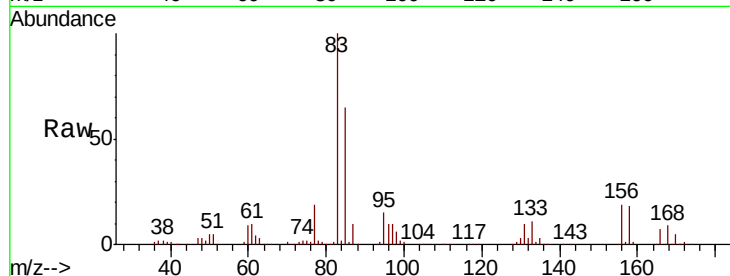
#71
 1,1,2,2-Tetrachloroethane
 Concen: 18.693 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. 0.00 min
 Lab File: VX007960.D
 Acq: 11 Mar 2019 09:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tgt Ion	Ratio	Lower	Upper
83	100		
131	10.5	5.4	16.2
85	65.0	32.8	98.4

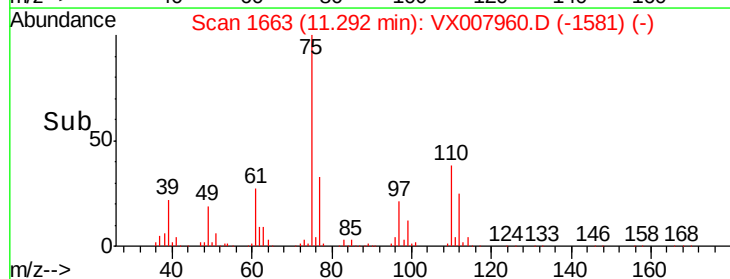
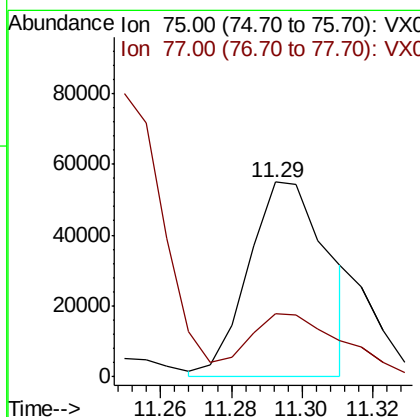
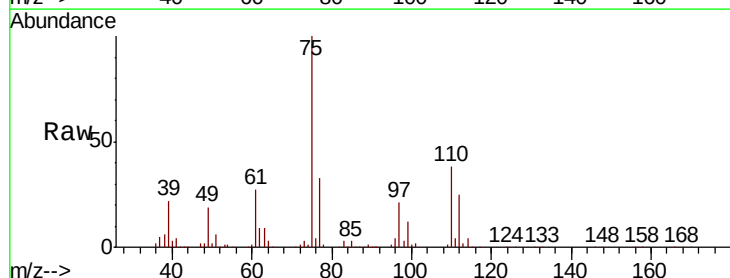
Manual Integrations
 APPROVED

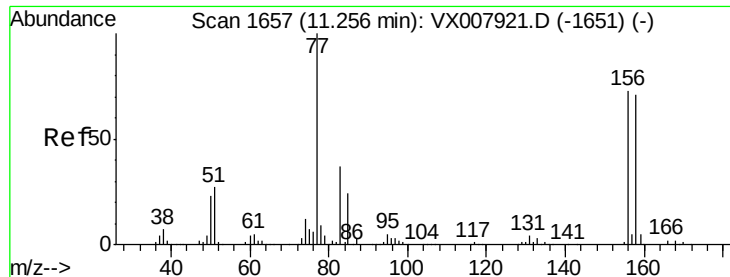
MMDadoda
 3/12/2019 1:09:48 PM



#72
 1,2,3-Trichloropropane
 Concen: 19.505 ug/l m
 RT: 11.29 min Scan# 1663
 Delta R.T. 0.00 min
 Lab File: VX007960.D
 Acq: 11 Mar 2019 09:41

Tgt Ion	Ratio	Lower	Upper
75	100		
77	39.0	0.0	76.4





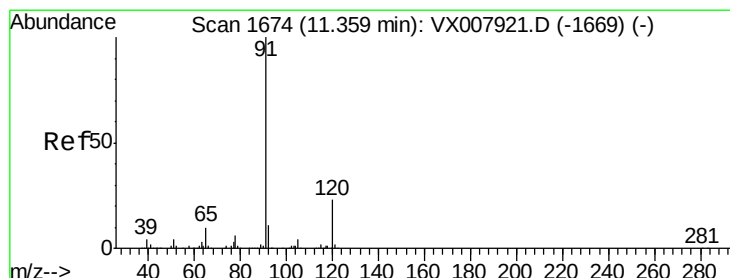
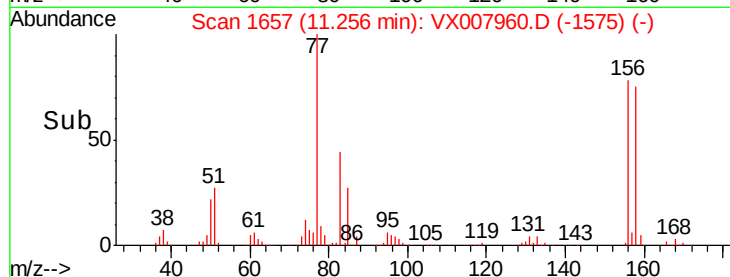
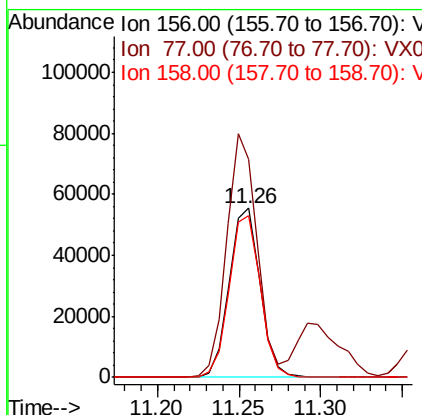
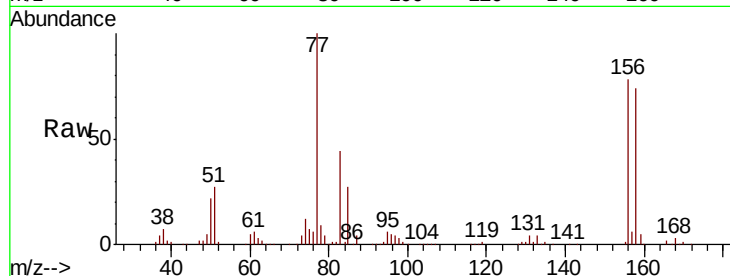
#73
Bromobenzene
Concen: 19.420 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. 0.00 min
Lab File: VX007960.D
Acq: 11 Mar 2019 09:41

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC020

Tgt Ion	Ratio	Lower	Upper
156	100		
77	141.4	0.0	271.4
158	96.8	0.0	194.0

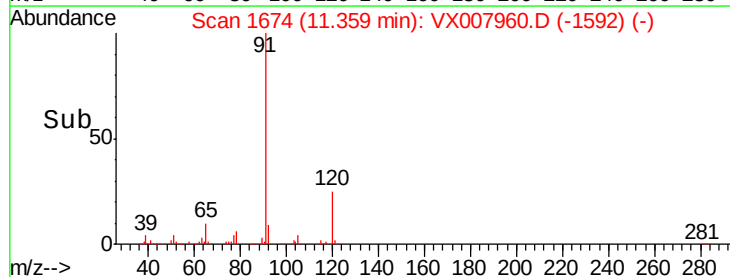
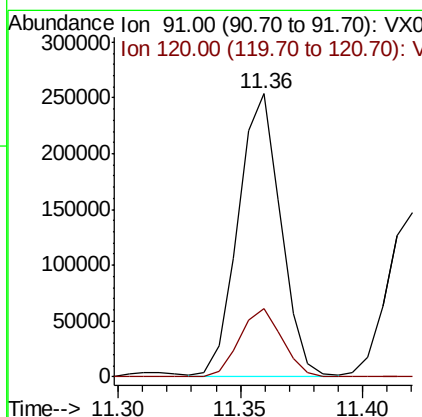
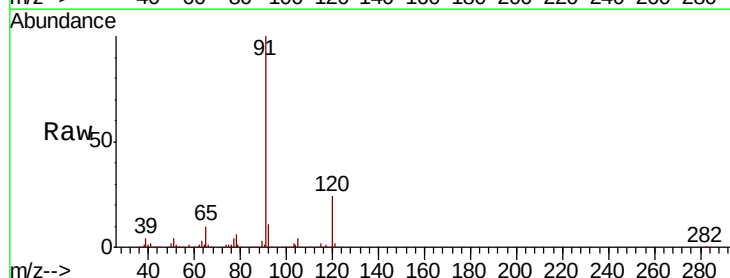
Manual Integrations
APPROVED

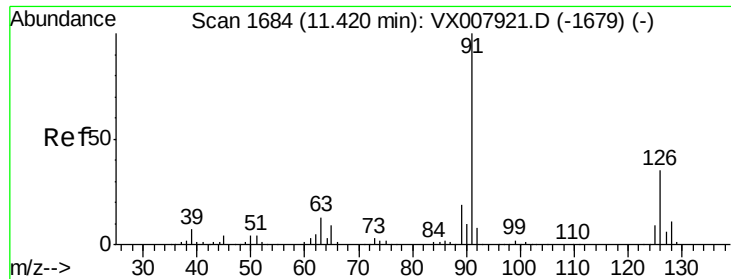
MMDadoda
3/12/2019 1:09:48 PM



#74
n-propylbenzene
Concen: 19.389 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VX007960.D
Acq: 11 Mar 2019 09:41

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.0	0.0	48.6





#75

2-Chlorotoluene

Concen: 19.179 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX007960.D

Acq: 11 Mar 2019 09:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tgt Ion: 91 Resp: 182987

Ion Ratio Lower Upper

91 100

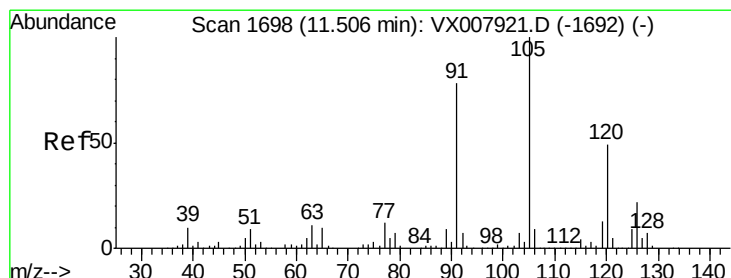
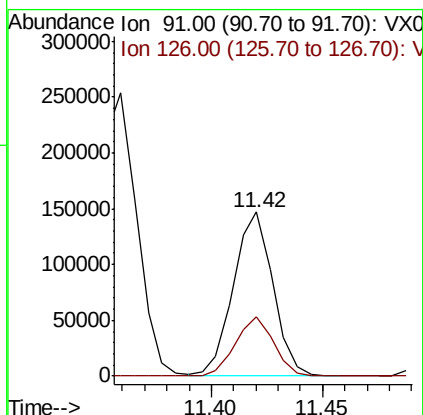
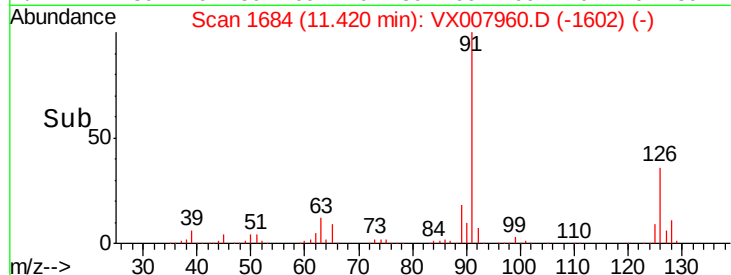
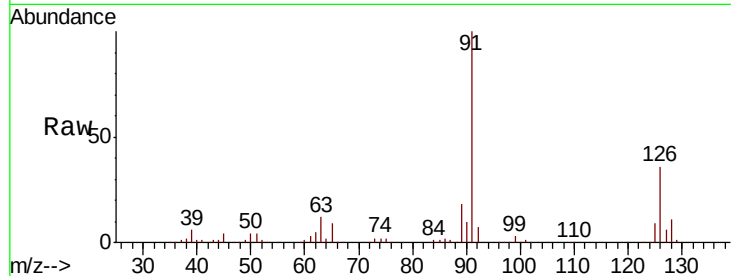
126 35.1 0.0 75.2

Manual Integrations

APPROVED

MMDadoda

3/12/2019 1:09:48 PM



#76

1,3,5-Trimethylbenzene

Concen: 19.544 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX007960.D

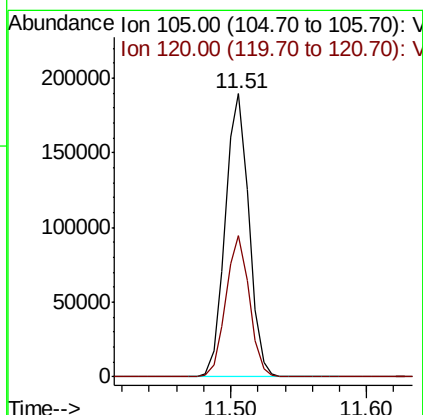
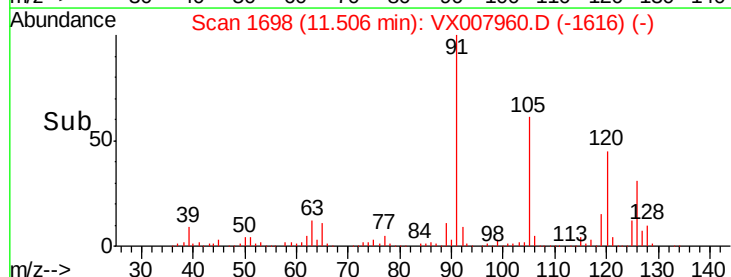
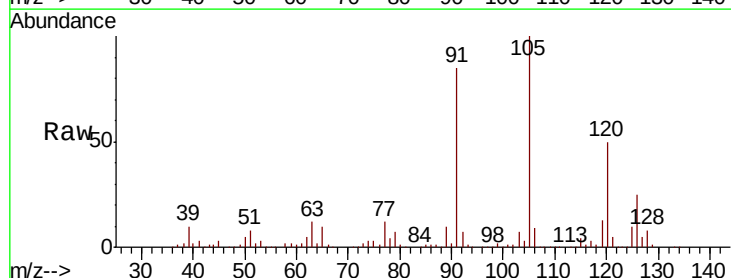
Acq: 11 Mar 2019 09:41

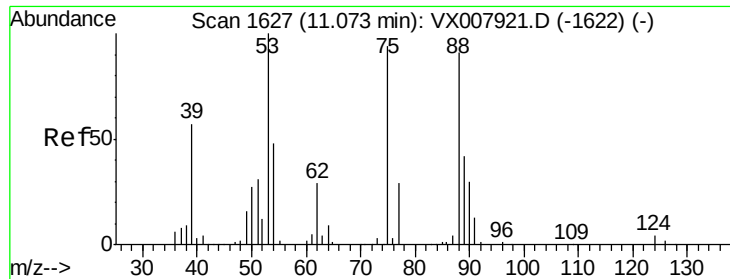
Tgt Ion: 105 Resp: 228566

Ion Ratio Lower Upper

105 100

120 49.5 0.0 101.0





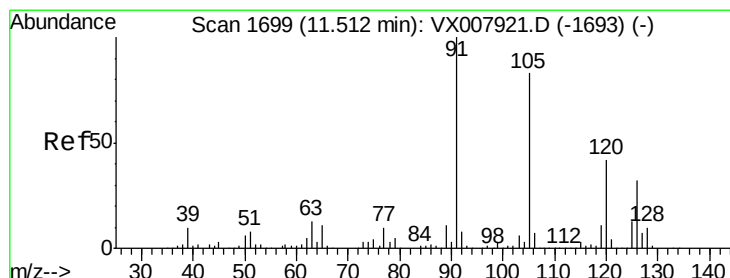
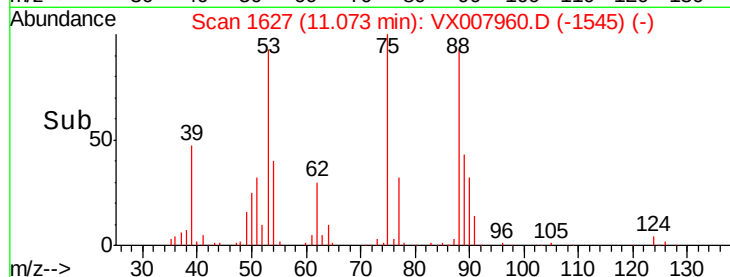
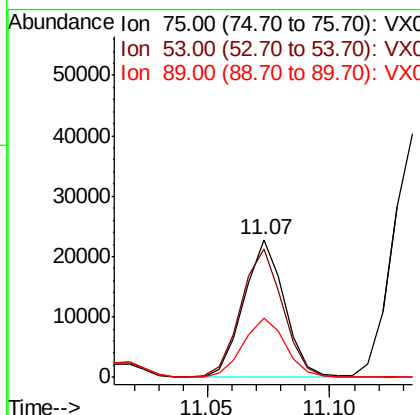
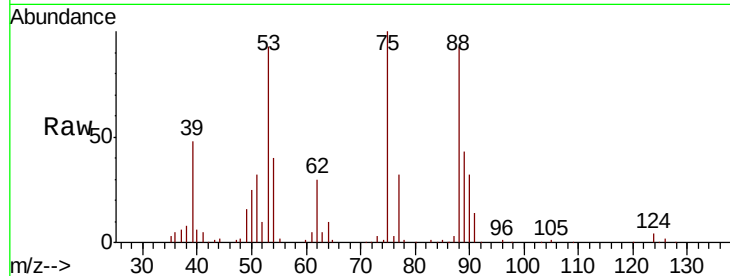
#77
t-1,4-Dichloro-2-butene
Concen: 19.496 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX007960.D
Acq: 11 Mar 2019 09:41

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC020

Tgt Ion	Ratio	Lower	Upper
75	100		
53	93.0	55.5	166.7
89	43.4	24.4	73.2

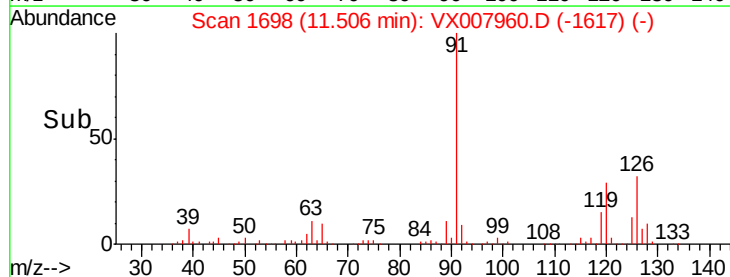
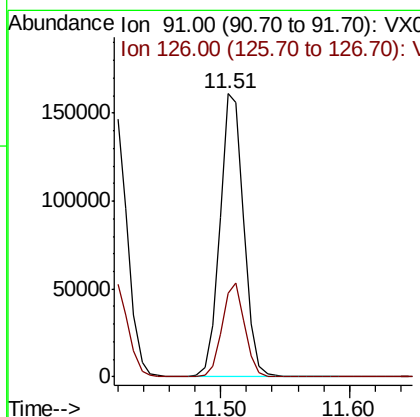
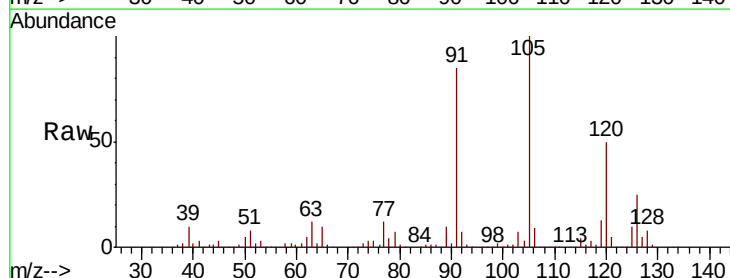
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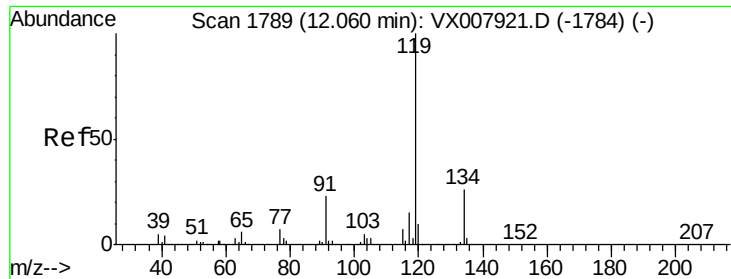
MMDadoda
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#78
4-Chlorotoluene
Concen: 19.428 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VX007960.D
Acq: 11 Mar 2019 09:41

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.5	0.0	66.2





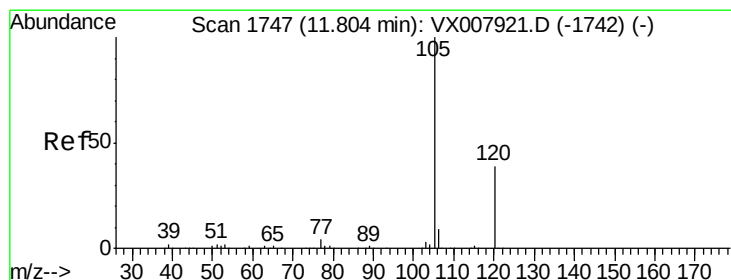
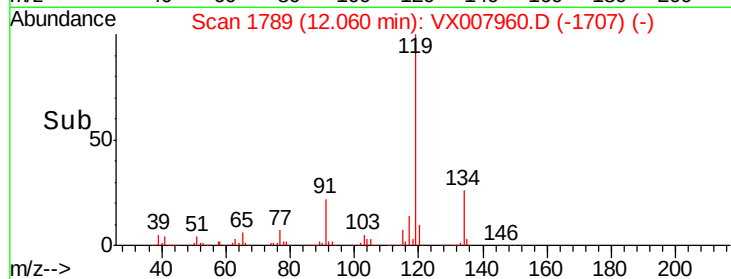
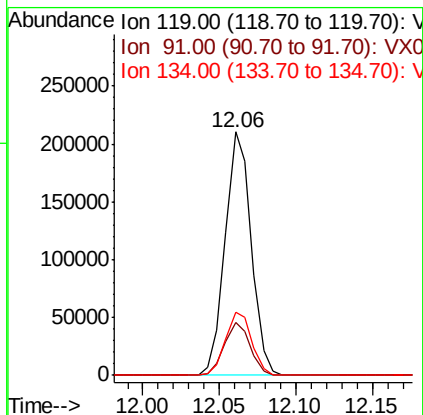
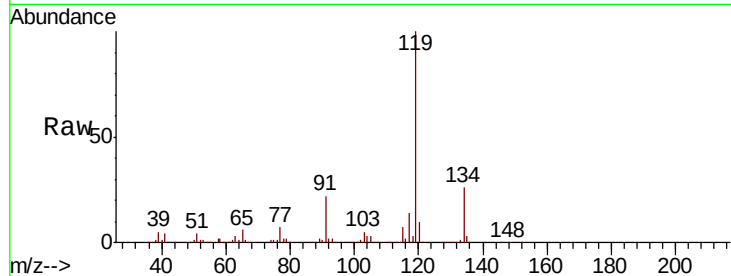
#79
tert-butylbenzene
Concen: 19.727 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX007960.D
Acq: 11 Mar 2019 09:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	247580		
91	21.6	0.0	45.0	
134	26.2	0.0	55.4	

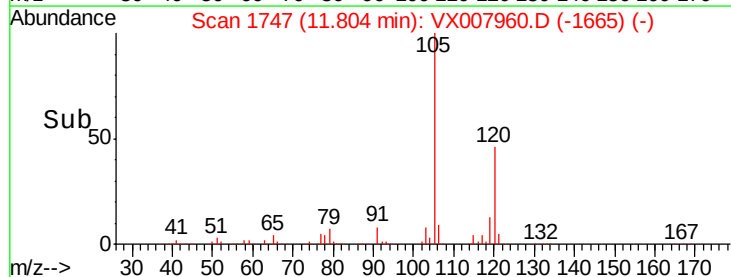
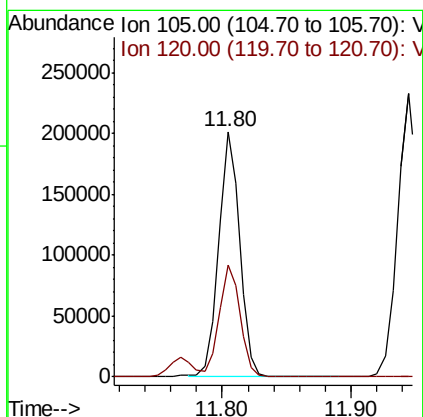
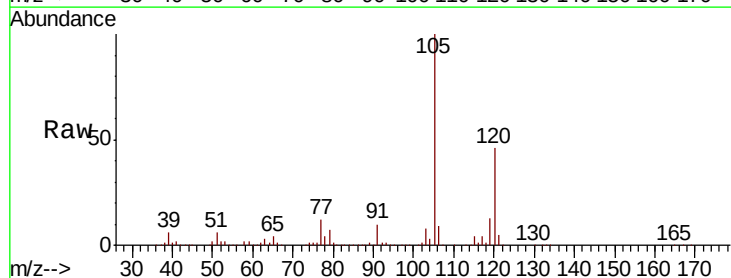
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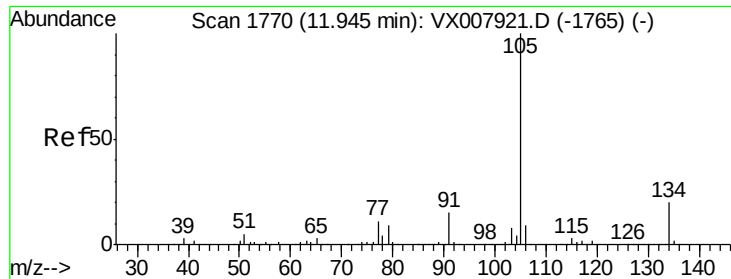
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#80
1,2,4-Trimethylbenzene
Concen: 19.586 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX007960.D
Acq: 11 Mar 2019 09:41

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	232482		
120	44.9	0.0	94.0	





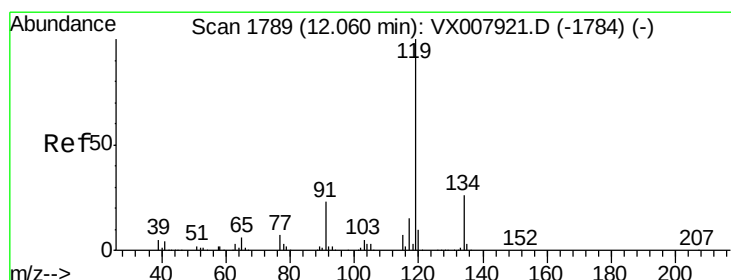
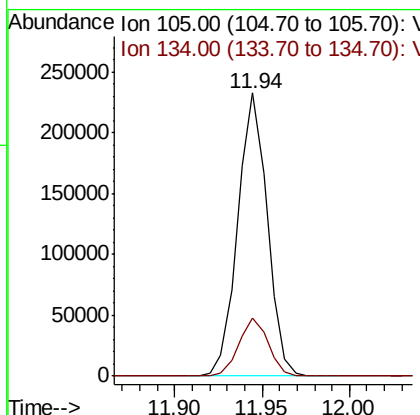
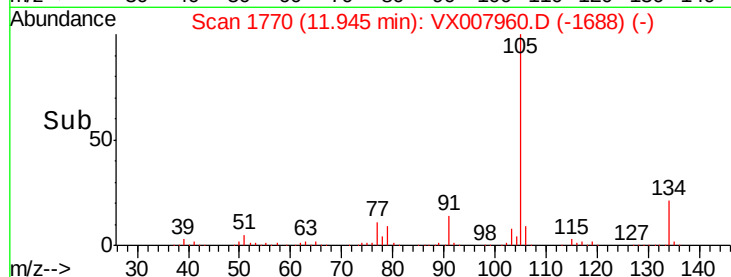
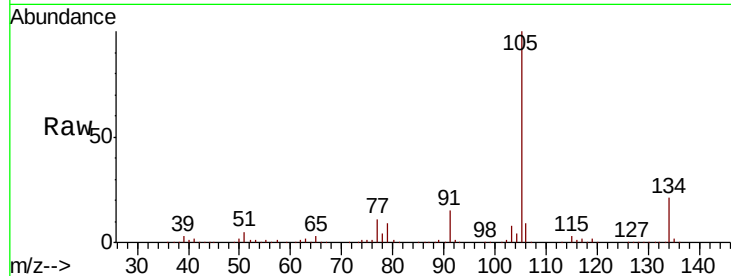
#81
 sec-Butylbenzene
 Concen: 19.429 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX007960.D
 Acq: 11 Mar 2019 09:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tgt Ion:105 Resp: 273127
 Ion Ratio Lower Upper
 105 100
 134 20.5 0.0 41.8

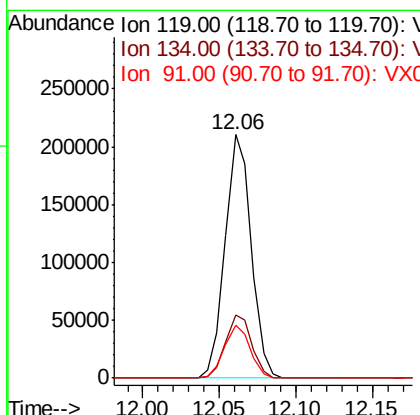
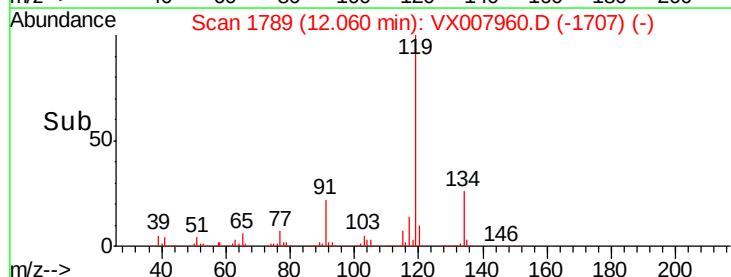
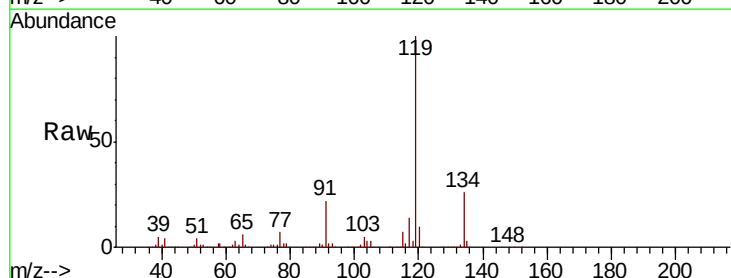
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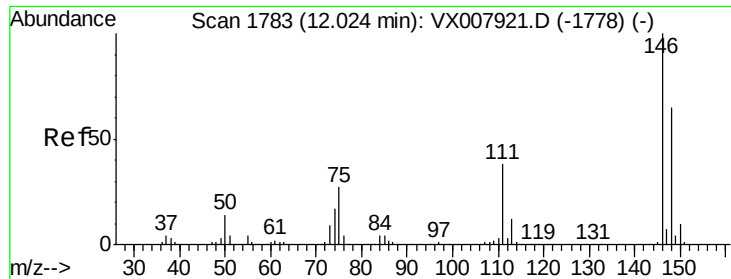
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#82
 p-Isopropyltoluene
 Concen: 19.727 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX007960.D
 Acq: 11 Mar 2019 09:41

Tgt Ion:119 Resp: 247580
 Ion Ratio Lower Upper
 119 100
 134 26.2 0.0 55.4
 91 21.6 0.0 45.0





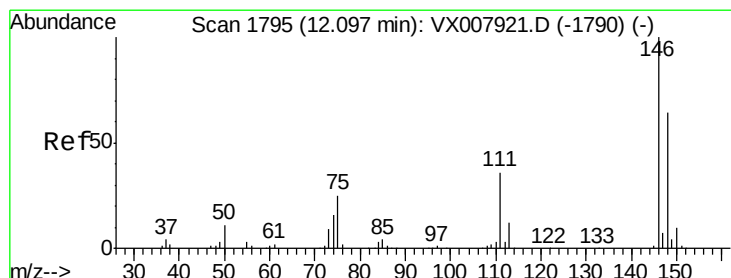
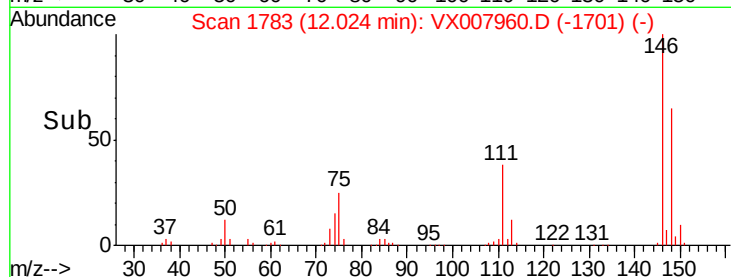
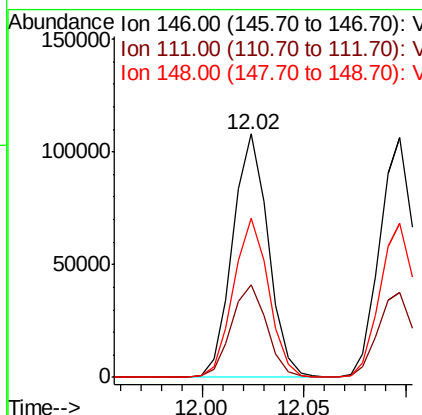
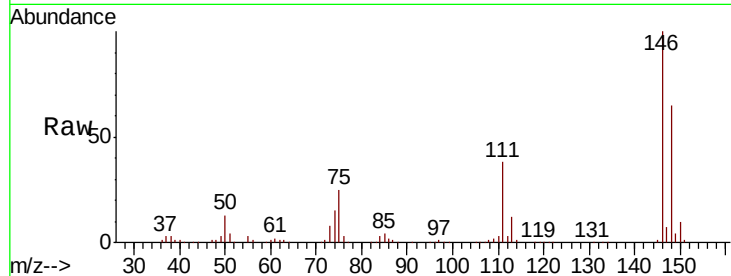
#83
 1,3-Dichlorobenzene
 Concen: 19.450 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX007960.D
 Acq: 11 Mar 2019 09:41

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC020

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	129917		
111	38.1	18.8	56.3	
148	65.0	30.6	91.8	

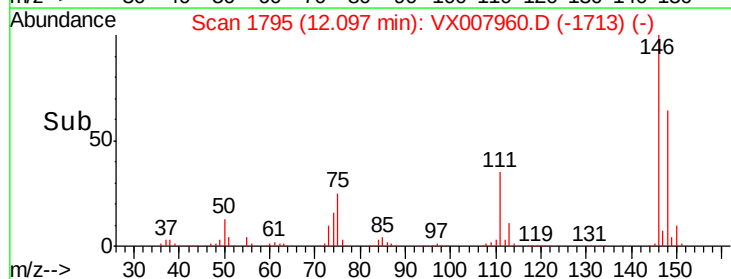
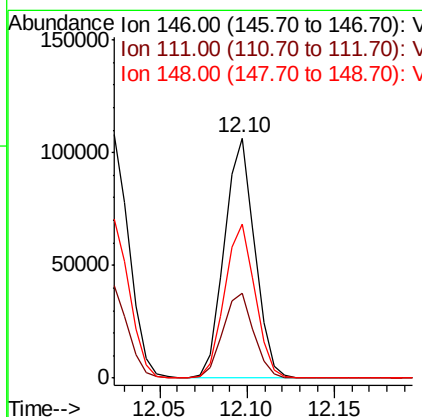
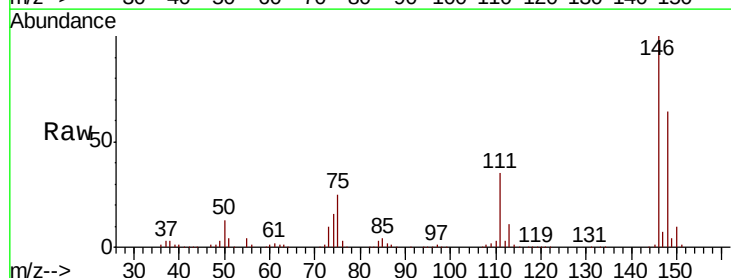
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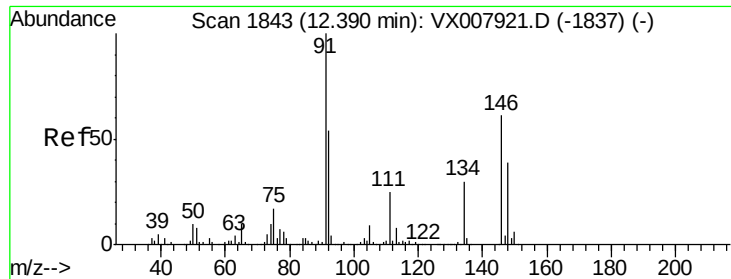
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#84
 1,4-Dichlorobenzene
 Concen: 19.215 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX007960.D
 Acq: 11 Mar 2019 09:41

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	128415		
111	36.0	17.6	52.8	
148	64.6	31.4	94.2	





#85

n-Butylbenzene

Concen: 19.084 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.01 min

Lab File: VX007960.D

Acq: 11 Mar 2019 09:41

Instrument :

MSVOA_X

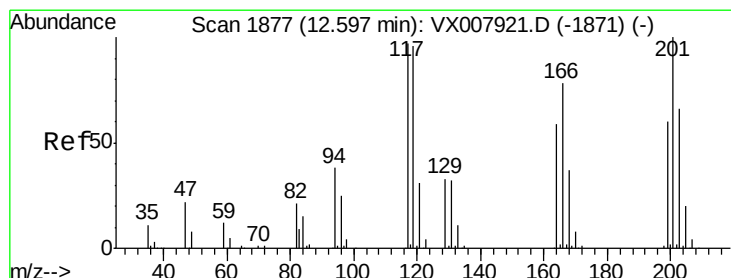
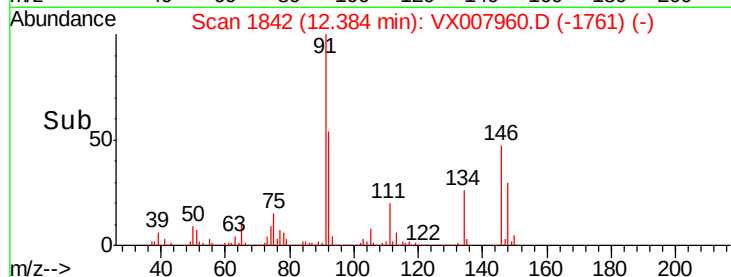
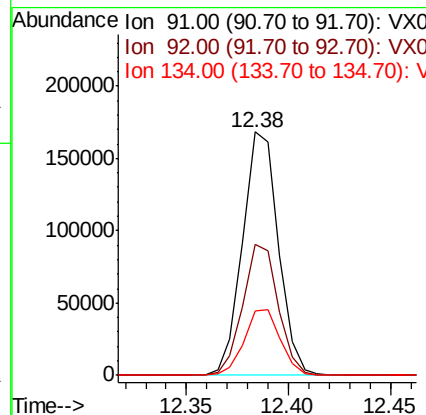
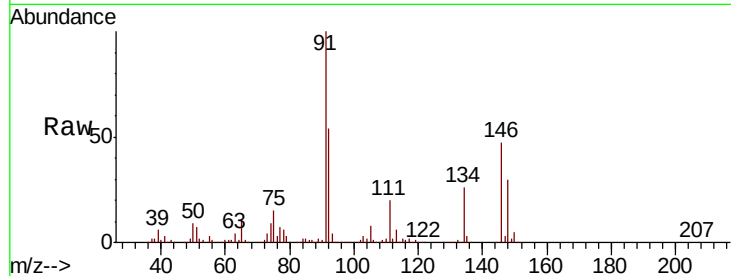
ClientSampleId :

VSTDCCC020

Tgt Ion:	91	Resp:	204834
Ion Ratio	Lower	Upper	
91	100		
92	53.4	0.0	105.2
134	27.2	0.0	56.4

Manual Integrations
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#86

Hexachloroethane

Concen: 19.883 ug/l

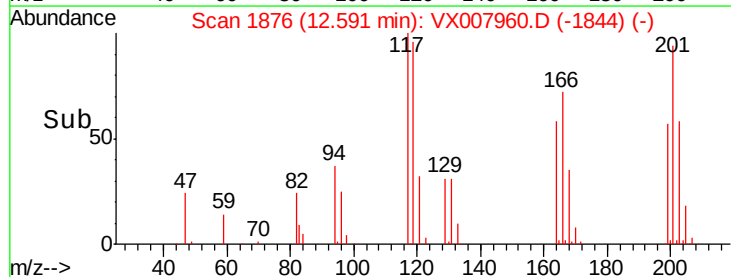
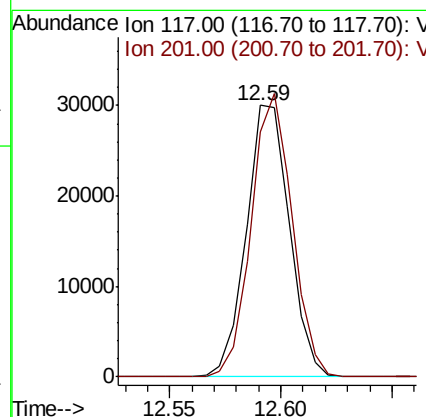
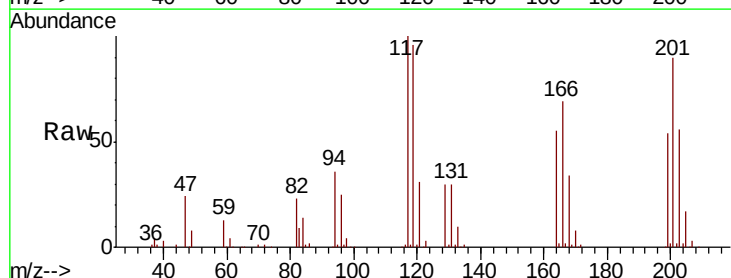
RT: 12.59 min Scan# 1876

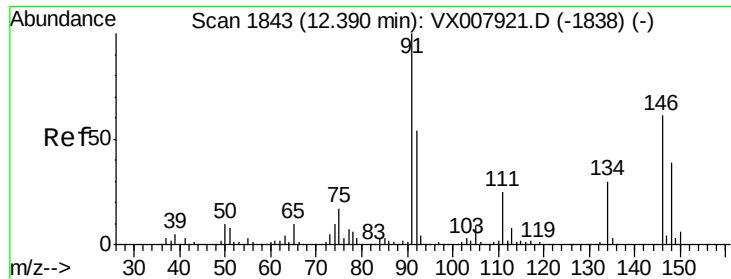
Delta R.T. -0.01 min

Lab File: VX007960.D

Acq: 11 Mar 2019 09:41

Tgt Ion:	117	Resp:	40658
Ion Ratio	Lower	Upper	
117	100		
201	98.6	41.1	123.3





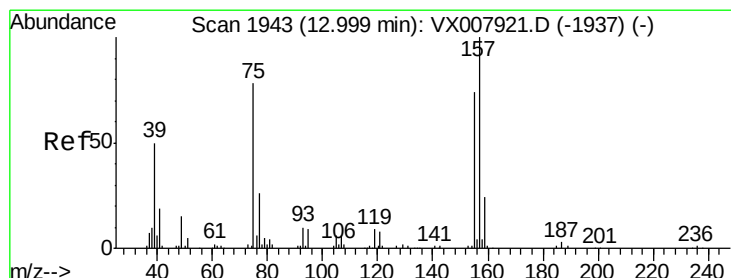
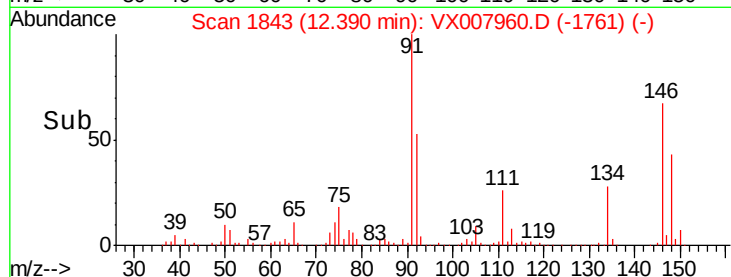
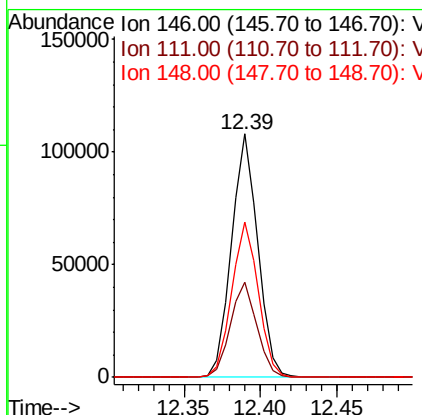
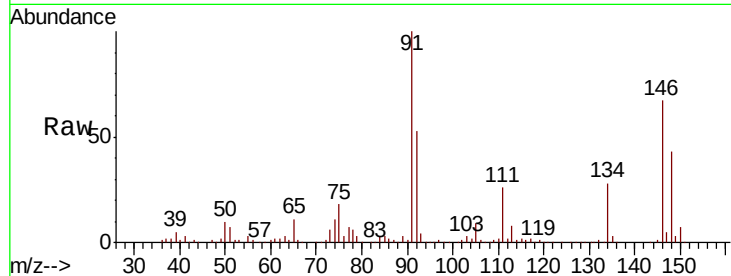
#87
 1,2-Dichlorobenzene
 Concen: 19.449 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX007960.D
 Acq: 11 Mar 2019 09:41

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC020

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	128386		
111	39.4	19.3	57.8	
148	64.7	32.1	96.3	

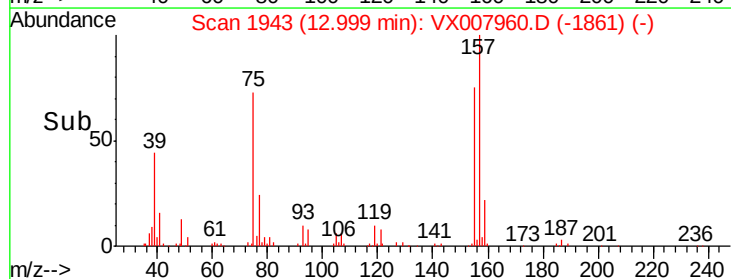
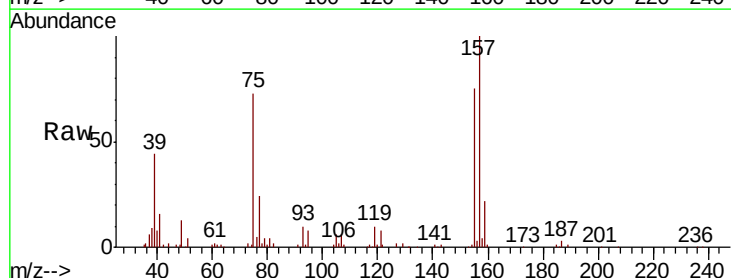
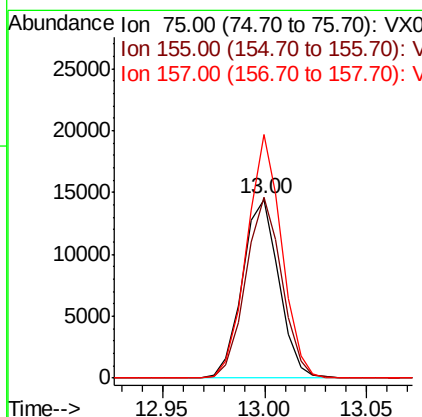
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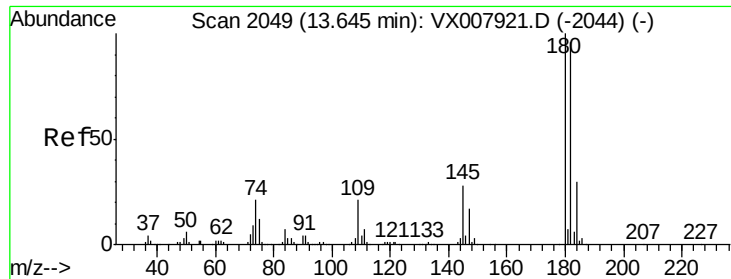
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 18.973 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX007960.D
 Acq: 11 Mar 2019 09:41

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	18062		
155	99.6	81.0	121.6	
157	129.5	103.2	154.8	





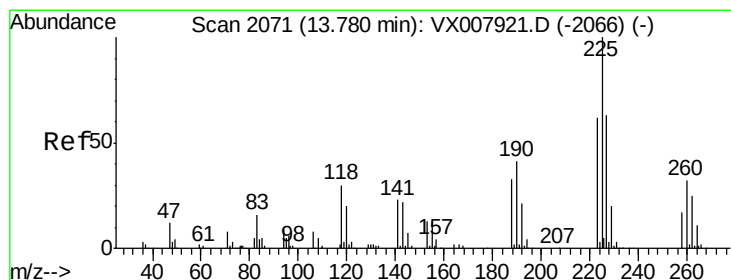
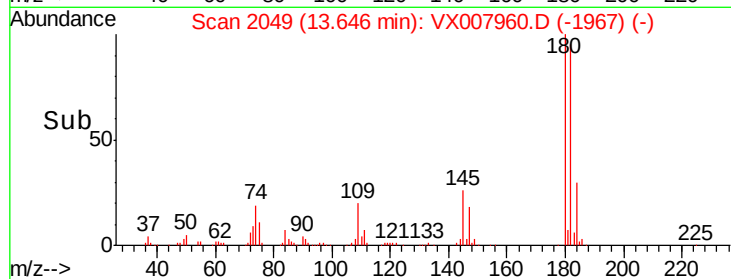
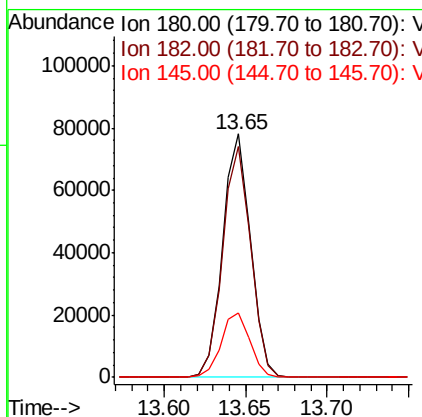
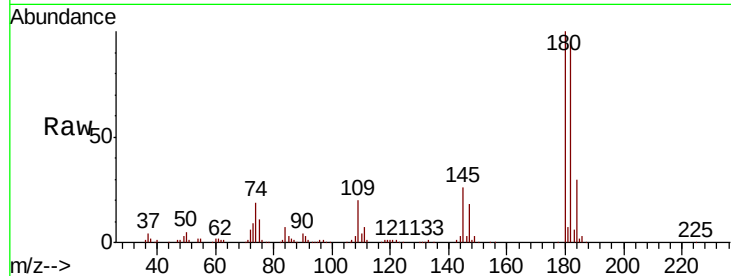
#89
1,2,4-Trichlorobenzene
Concen: 19.516 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. 0.00 min
Lab File: VX007960.D
Acq: 11 Mar 2019 09:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	75.6	113.4
145	27.3	23.0	34.6

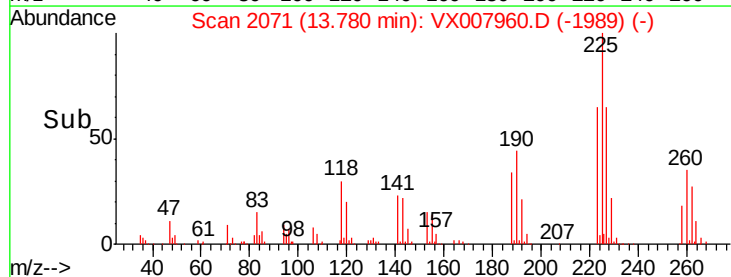
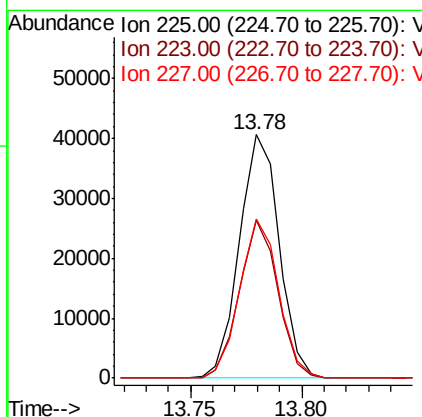
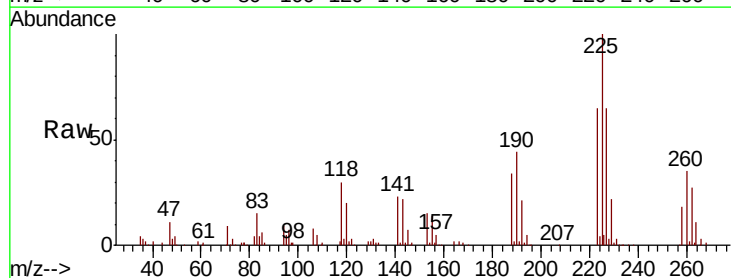
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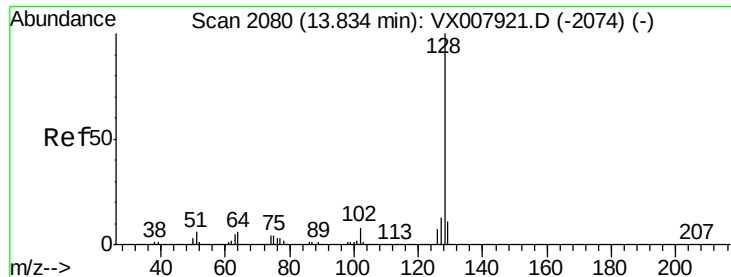
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#90
Hexachlorobutadiene
Concen: 19.412 ug/l
RT: 13.78 min Scan# 2071
Delta R.T. 0.00 min
Lab File: VX007960.D
Acq: 11 Mar 2019 09:41

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.5	0.0	123.8
227	64.0	0.0	124.4





#91

Naphthalene

Concen: 19.103 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX007960.D

Acq: 11 Mar 2019 09:41

Instrument :

MSVOA_X

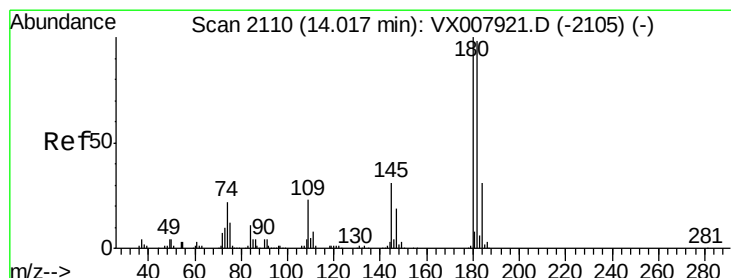
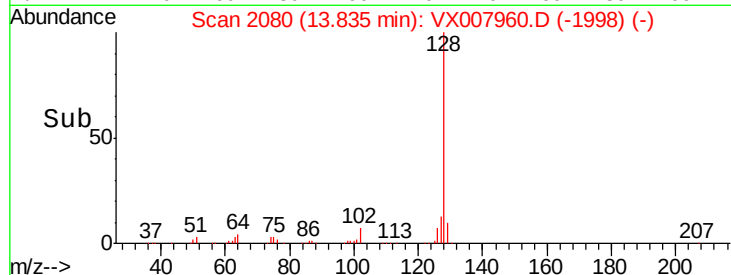
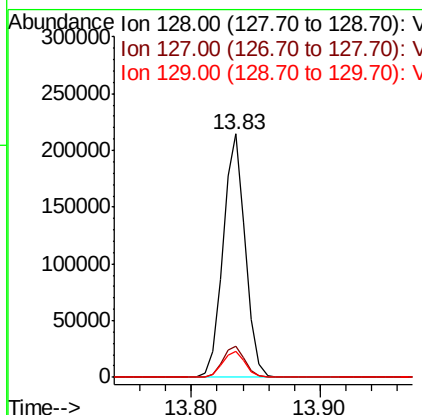
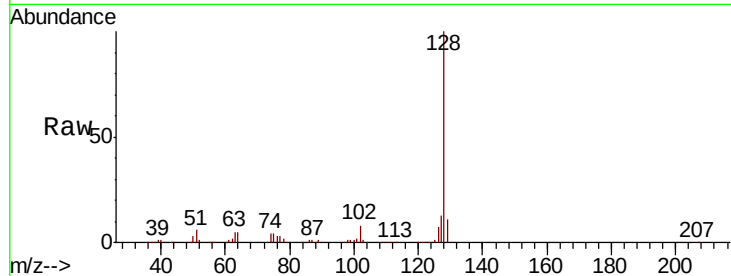
ClientSampleId :

VSTDCCC020

Tgt Ion:	128	Resp:	259784
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.5	15.7
129	10.8	8.9	13.3

Manual Integrations
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#92

1,2,3-Trichlorobenzene

Concen: 19.522 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX007960.D

Acq: 11 Mar 2019 09:41

Tgt Ion:	180	Resp:	92056
Ion Ratio	Lower	Upper	
180	100		
182	95.7	0.0	193.0
145	29.7	0.0	63.0

