

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091619\
 Data File : VX012410.D
 Acq On : 16 Sep 2019 17:09
 Operator : JC/SP
 Sample : VX0916WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0916WBS01

Manual Integrations
 APPROVED

MMDadoda
 9/18/2019 11:19:10 AM

Quant Time: Sep 17 05:06:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 04:36:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	125799	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	193618	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	179646	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	110352	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	132280	51.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.64%	
35) Dibromofluoromethane	5.48	113	96222	51.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.60%	
50) Toluene-d8	8.71	98	353156	53.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.12%	
62) 4-Bromofluorobenzene	11.13	95	142425	50.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	23515	19.660	ug/l	100
3) Chloromethane	1.32	50	18817	19.481	ug/l	99
4) Vinyl Chloride	1.40	62	20146	19.097	ug/l	98
5) Bromomethane	1.62	94	9657	21.486	ug/l	95
6) Chloroethane	1.71	64	13904	19.894	ug/l	99
7) Trichlorofluoromethane	1.92	101	38723	19.990	ug/l	98
8) Diethyl Ether	2.17	74	15352	18.195	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	29074	20.842	ug/l	98
10) Methyl Iodide	2.50	142	22341	16.755	ug/l	99
11) Tert butyl alcohol	3.03	59	62222	95.666	ug/l	100
12) 1,1-Dichloroethene	2.36	96	22109	20.139	ug/l	94
13) Acrolein	2.28	56	24099	85.988	ug/l	100
14) Allyl chloride	2.72	41	48417	19.125	ug/l	99
15) Acrylonitrile	3.13	53	100052	93.006	ug/l	100
16) Acetone	2.43	43	101871	87.991	ug/l	99
17) Carbon Disulfide	2.56	76	29694	19.133	ug/l	97
18) Methyl Acetate	2.76	43	47105	18.273	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	114200	19.248	ug/l	100
20) Methylene Chloride	2.84	84	29018	18.371	ug/l	95
21) trans-1,2-Dichloroethene	3.15	96	23198	19.656	ug/l	97
22) Diisopropyl ether	3.84	45	111567	19.193	ug/l	98
23) Vinyl Acetate	3.80	43	472319	98.436	ug/l	99
24) 1,1-Dichloroethane	3.68	63	56522	19.432	ug/l	97
25) 2-Butanone	4.66	43	151186	91.661	ug/l	99
26) 2,2-Dichloropropane	4.57	77	53213	19.179	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	33427	19.326	ug/l	98
28) Bromochloromethane	5.00	49	28888	19.393	ug/l	100
29) Tetrahydrofuran	5.11	42	91784	95.944	ug/l	98
30) Chloroform	5.20	83	62317	18.541	ug/l	99
31) Cyclohexane	5.57	56	34830	19.668	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	53835	19.282	ug/l	99
36) 1,1-Dichloropropene	5.78	75	34670	19.378	ug/l	98
37) Ethyl Acetate	4.82	43	52932	19.215	ug/l	98
38) Carbon Tetrachloride	5.77	117	43597	19.967	ug/l	96

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Manual Integrations
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MMDadoda
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Quant Time: Sep 17 05:06:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 04:36:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	35584	20.705	ug/l	95
40) Benzene	6.13	78	110830	20.102	ug/l	98
41) Methacrylonitrile	5.03	41	30390	19.322	ug/l	95
42) 1,2-Dichloroethane	6.18	62	49863	19.864	ug/l	100
43) Isopropyl Acetate	6.43	43	90267	19.098	ug/l	99
44) Trichloroethene	7.20	130	30381	20.517	ug/l	96
45) 1,2-Dichloropropane	7.50	63	32431	19.248	ug/l	94
46) Dibromomethane	7.65	93	21860	19.448	ug/l	97
47) Bromodichloromethane	7.89	83	48972	19.515	ug/l	92
48) Methyl methacrylate	7.76	41	42241	18.946	ug/l	99
49) 1,4-Dioxane	7.73	88	21414	397.081	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	299496	97.790	ug/l	100
52) Toluene	8.78	92	72254	20.133	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	50468	19.392	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	53011	19.706	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	35779	18.973	ug/l	97
56) Ethyl methacrylate	9.17	69	54548	19.226	ug/l	97
57) 1,3-Dichloropropane	9.37	76	56912	18.999	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	140084	91.734	ug/l	99
59) 2-Hexanone	9.48	43	224226	94.966	ug/l	99
60) Dibromochloromethane	9.57	129	37510	18.463	ug/l	99
61) 1,2-Dibromoethane	9.67	107	34891	20.114	ug/l	100
64) Tetrachloroethene	9.33	164	25711	21.583	ug/l	97
65) Chlorobenzene	10.14	112	84973	20.259	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	36357	20.431	ug/l	98
67) Ethyl Benzene	10.25	91	146960	20.531	ug/l	98
68) m/p-Xylenes	10.35	106	108733	41.152	ug/l	99
69) o-Xylene	10.70	106	56119	20.481	ug/l	100
70) Styrene	10.71	104	96461	20.290	ug/l	99
71) Bromoform	10.85	173	26465	18.370	ug/l #	99
73) Isopropylbenzene	11.01	105	156713	20.441	ug/l	99
74) N-amyl acetate	10.89	43	79421	19.543	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	59584	19.381	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	57302m	20.087	ug/l	
77) Bromobenzene	11.25	156	38792	19.651	ug/l	98
78) n-propylbenzene	11.35	91	176199	20.336	ug/l	99
79) 2-Chlorotoluene	11.42	91	111401	20.028	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	138572	20.757	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	17567	17.384	ug/l	94
82) 4-Chlorotoluene	11.51	91	131117	20.214	ug/l	98
83) tert-Butylbenzene	11.77	119	145075	20.487	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	140727	20.774	ug/l	99
85) sec-Butylbenzene	11.94	105	162490	20.756	ug/l	100
86) p-Isopropyltoluene	12.06	119	149774	20.882	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	73747	19.957	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	73601	19.693	ug/l	99
89) n-Butylbenzene	12.39	91	130159	20.549	ug/l	100
90) Hexachloroethane	12.59	117	26542	19.142	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	74273	19.635	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	15404	18.969	ug/l	96

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ClientSampleId :
VX0916WBS01

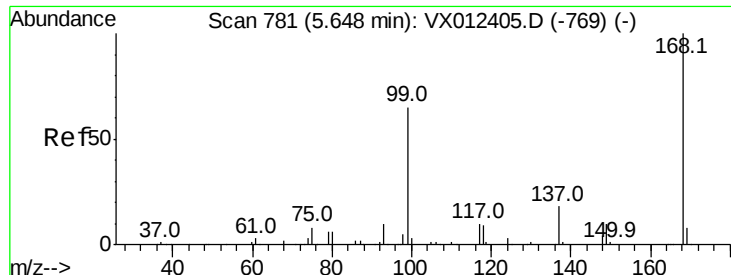
Manual Integrations
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X091619W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	49767	19.662	ug/l	99
94) Hexachlorobutadiene	13.78	225	24864	20.399	ug/l	97
95) Naphthalene	13.83	128	174741	18.922	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	50501	20.004	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX012410.D

Acq: 16 Sep 2019 17:09

Instrument :

MSVOA_X

ClientSampleId :

VX0916WBS01

Tot Ion:168 Resp: 125799

Ion Ratio Lower Upper

168 100

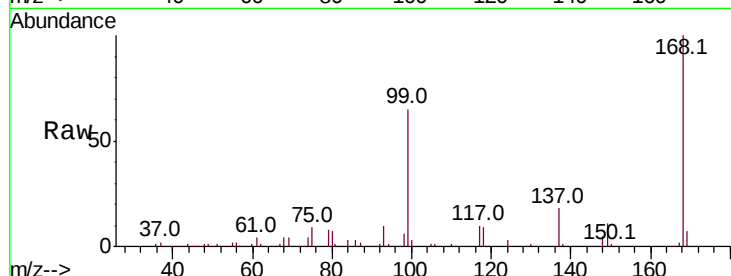
99 64.7 51.8 77.6

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

50000

40000

30000

20000

10000

0

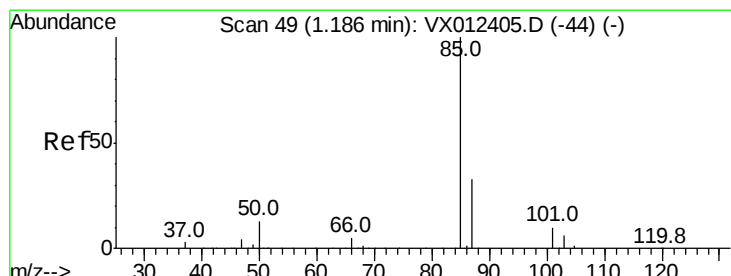
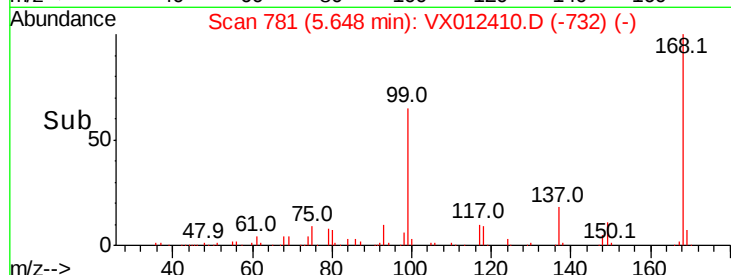
Time-->

5.50

5.60

5.70

5.80



#2

Dichlorodifluoromethane

Concen: 19.660 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX012410.D

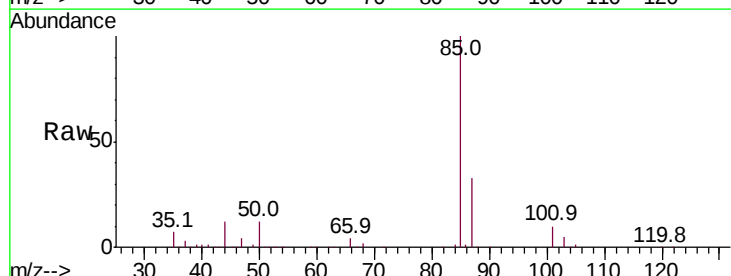
Acq: 16 Sep 2019 17:09

Tgt Ion: 85 Resp: 23515

Ion Ratio Lower Upper

85 100

87 32.9 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

25000

20000

15000

10000

5000

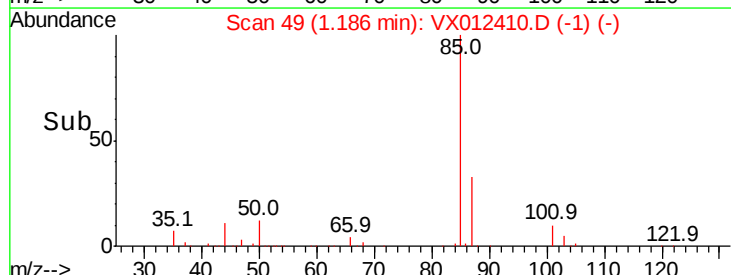
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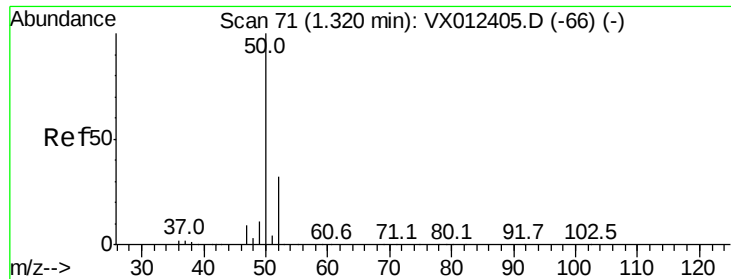
Time-->

1.15

1.20

1.25





#3

Chloromethane

Concen: 19.481 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX012410.D

Acq: 16 Sep 2019 17:09

Instrument :

MSVOA_X

ClientSampleId :

VX0916WBS01

Tot Ion: 50 Resp: 18817

Ion Ratio Lower Upper

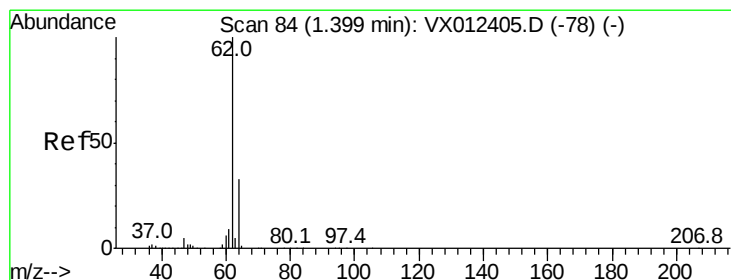
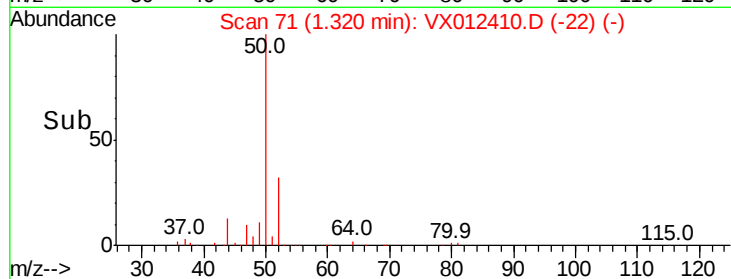
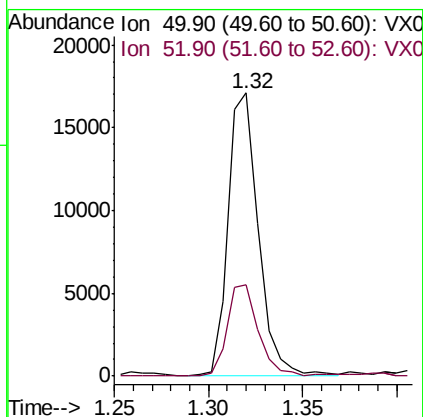
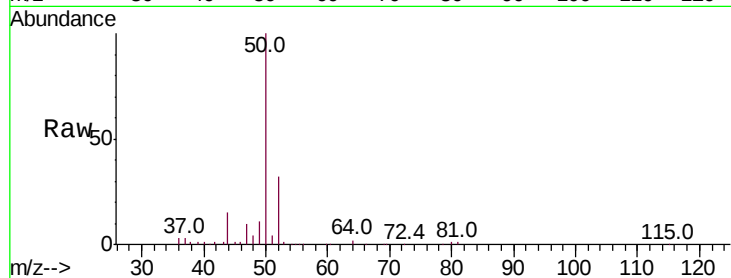
50 100

52 32.5 25.4 38.2

Manual Integrations
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#4

Vinyl Chloride

Concen: 19.097 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX012410.D

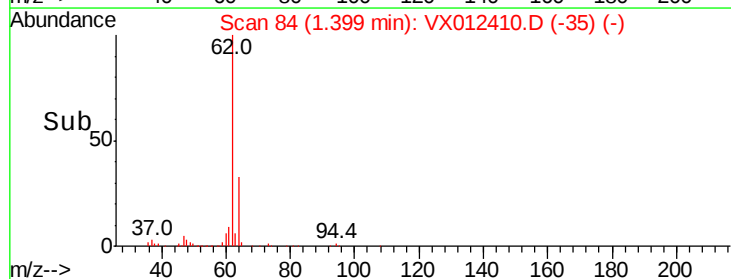
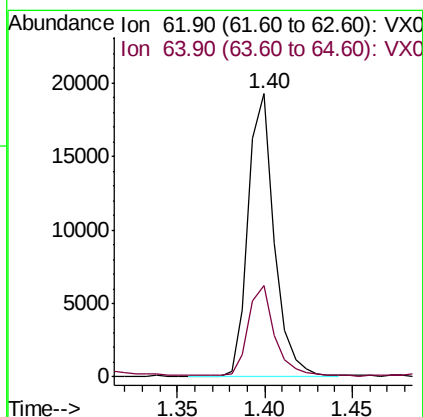
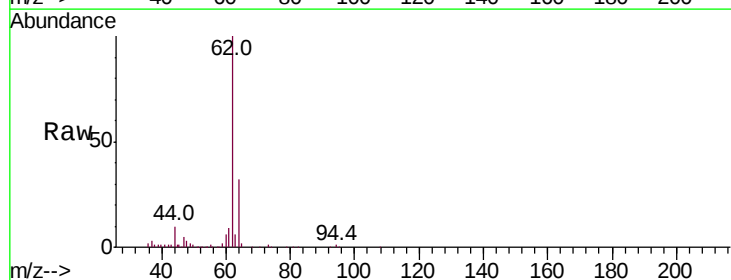
Acq: 16 Sep 2019 17:09

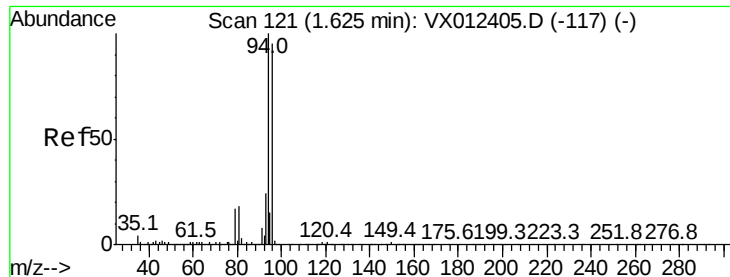
Tgt Ion: 62 Resp: 20146

Ion Ratio Lower Upper

62 100

64 31.8 26.2 39.2





#5

Bromomethane

Concen: 21.486 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX012410.D

Acq: 16 Sep 2019 17:09

Instrument :

MSVOA_X

ClientSampleId :

VX0916WBS01

Tot Ion: 94 Resp: 9657

Ion Ratio Lower Upper

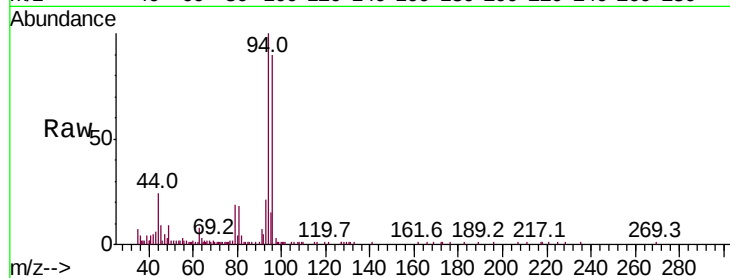
94 100

96 89.5 75.7 113.5

Manual Integrations
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

10000

8000

6000

4000

2000

0

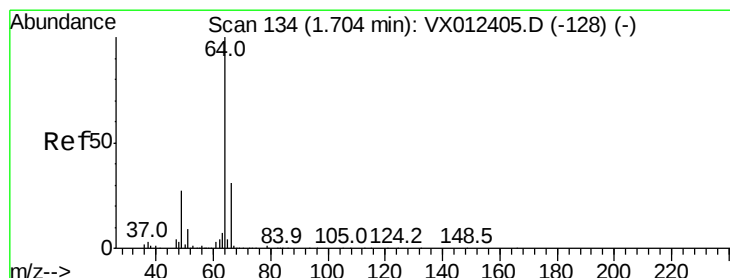
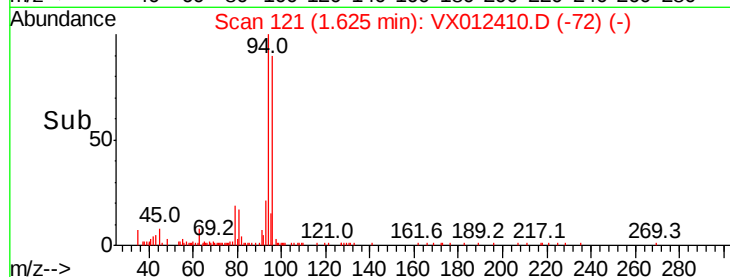
1.60

1.62

1.65

1.70

Time-->



#6

Chloroethane

Concen: 19.894 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX012410.D

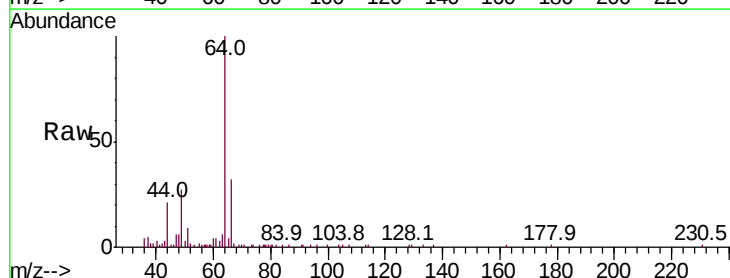
Acq: 16 Sep 2019 17:09

Tgt Ion: 64 Resp: 13904

Ion Ratio Lower Upper

64 100

66 31.3 24.7 37.1



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

12000

10000

8000

6000

4000

2000

0

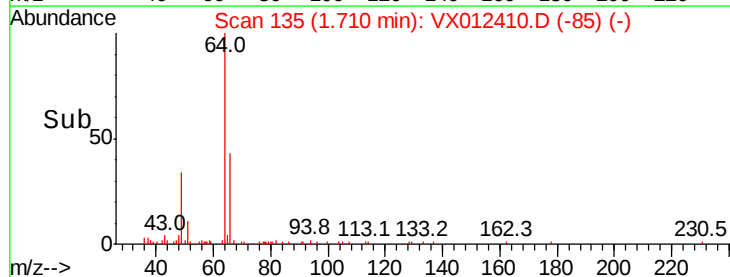
1.65

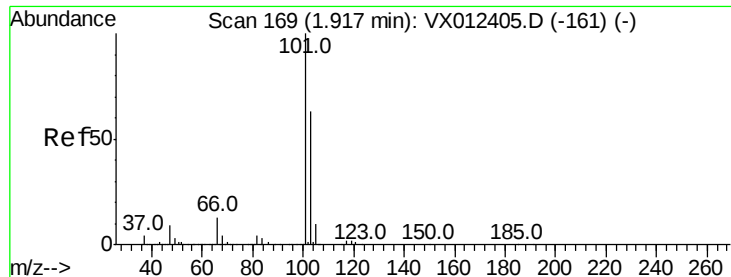
1.70

1.71

1.75

Time-->





#7

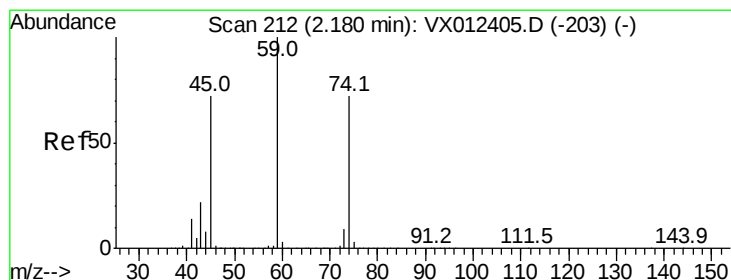
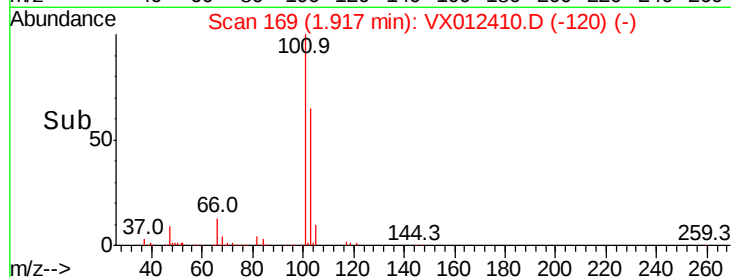
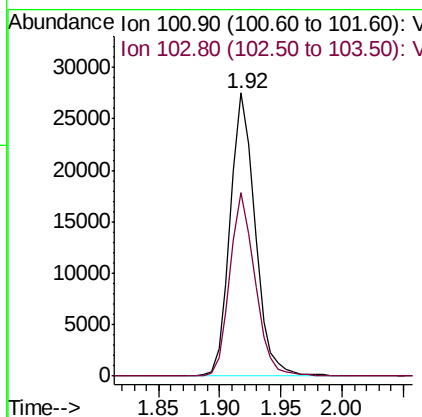
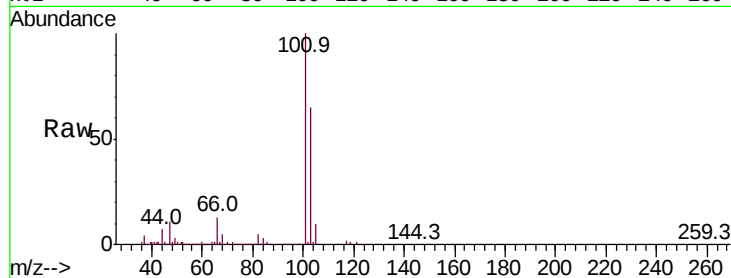
Trichlorofluoromethane
 Concen: 19.990 ug/l
 RT: 1.92 min Scan# 169
 Delta R.T. -0.00 min
 Lab File: VX012410.D
 Acq: 16 Sep 2019 17:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0916WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.8	50.5	75.7

Manual Integrations
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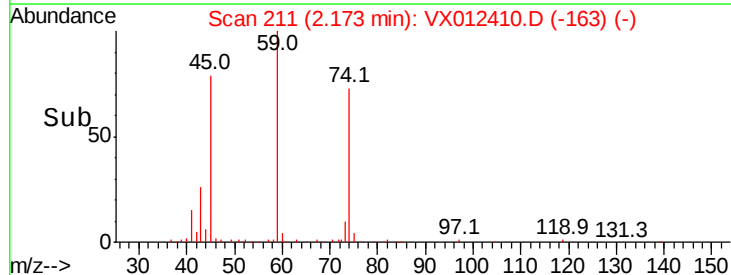
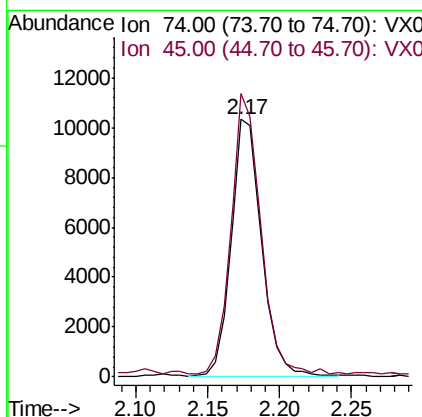
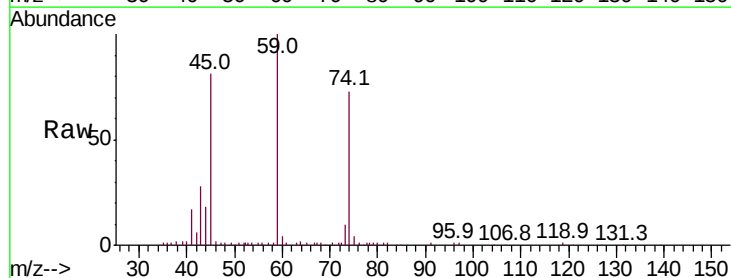
MMDadoda
 9/18/2019 11:19:10 AM

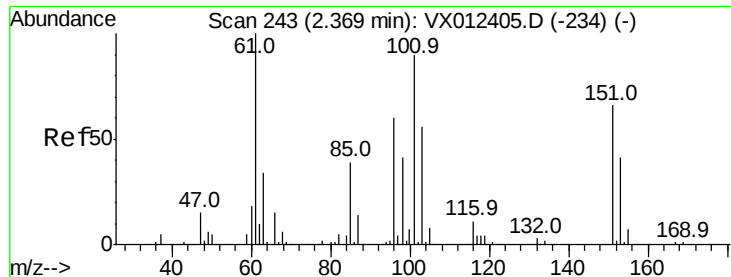


#8

Diethyl Ether
 Concen: 18.195 ug/l
 RT: 2.17 min Scan# 211
 Delta R.T. -0.01 min
 Lab File: VX012410.D
 Acq: 16 Sep 2019 17:09

Tgt Ion	Ratio	Lower	Upper
74	100		
45	105.0	50.6	151.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.842 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX012410.D

Acq: 16 Sep 2019 17:09

Instrument :

MSVOA_X

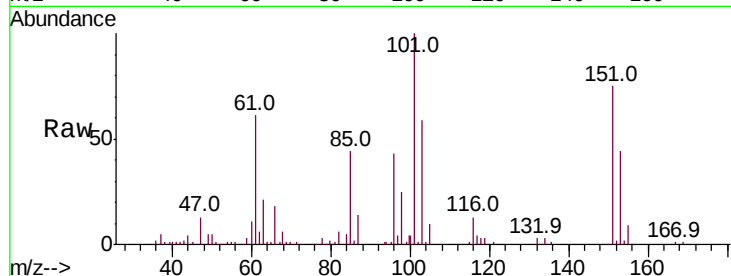
ClientSampleId :

VX0916WBS01

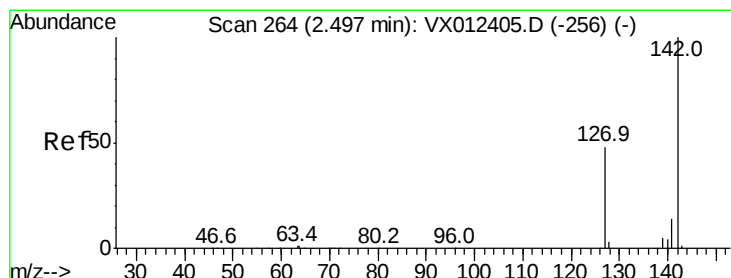
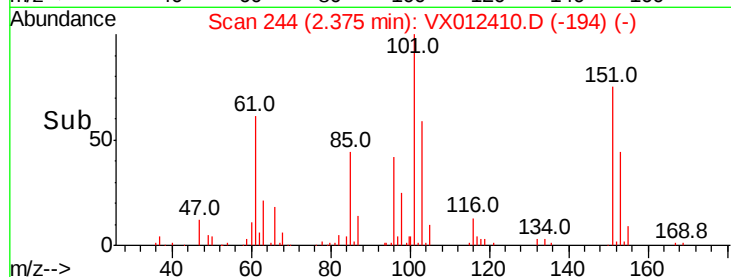
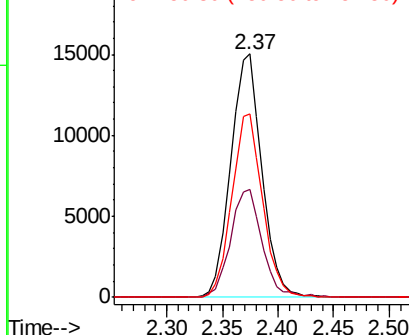
Tot Ion:	101	Resp:	29074
Ion Ratio	Lower	Upper	
101	100		
85	44.8	36.3	54.5
151	74.2	61.1	91.7

Manual Integrations
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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VX0
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 16.755 ug/l

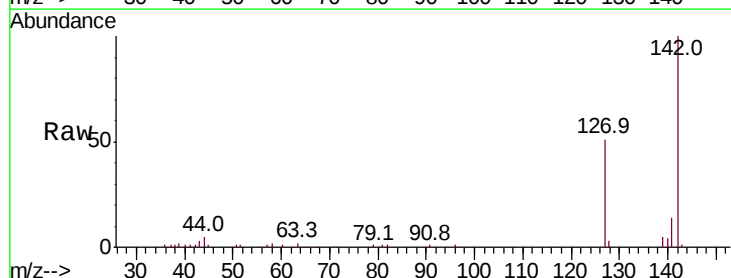
RT: 2.50 min Scan# 264

Delta R.T. 0.00 min

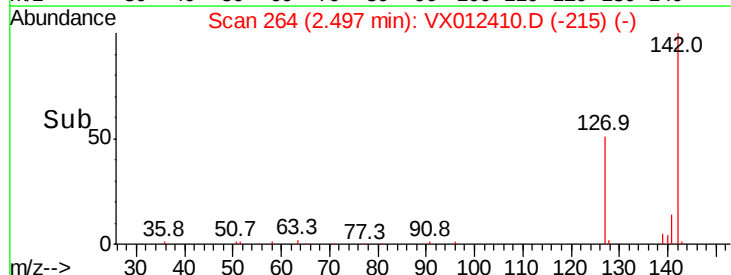
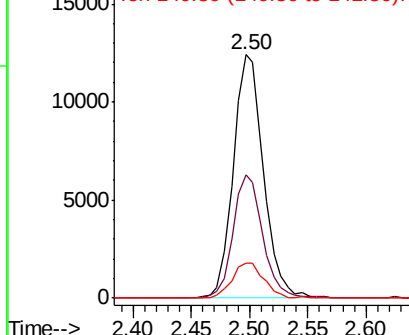
Lab File: VX012410.D

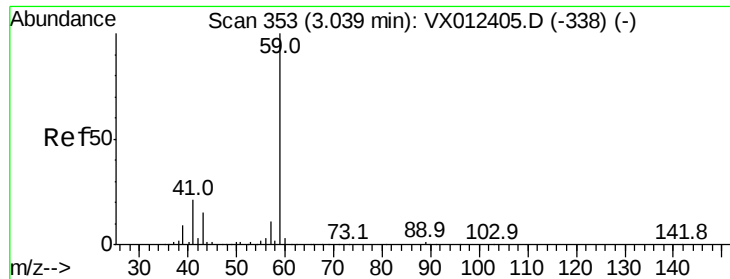
Acq: 16 Sep 2019 17:09

Tgt Ion:	142	Resp:	22341
Ion Ratio	Lower	Upper	
142	100		
127	49.9	39.6	59.4
141	14.9	11.6	17.4



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





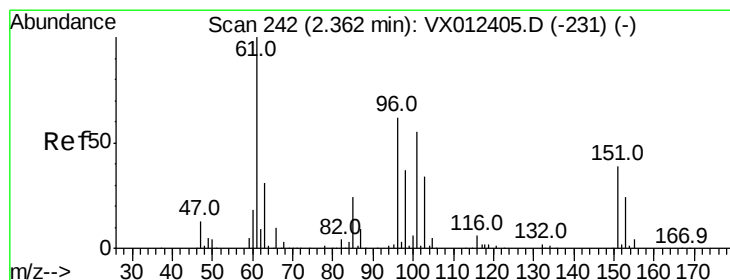
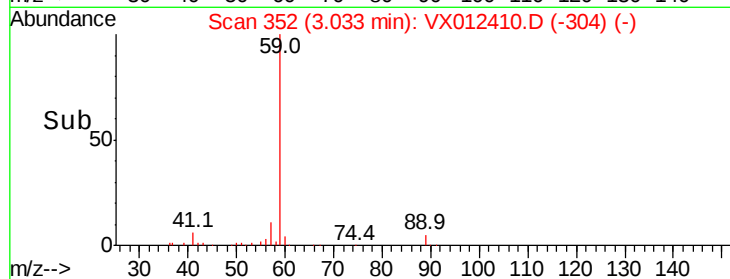
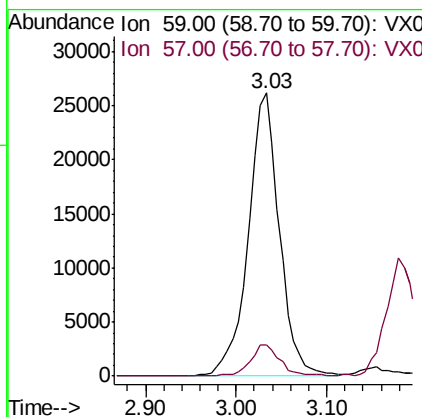
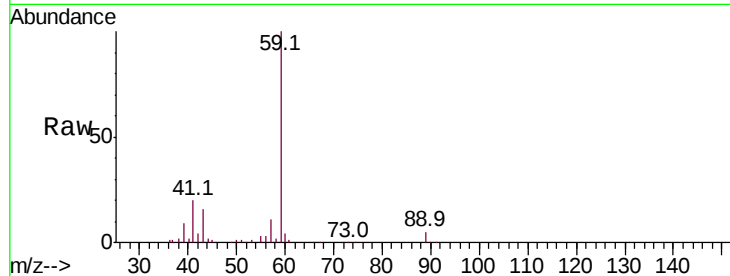
#11
Tert butyl alcohol
Concen: 95.666 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX012410.D
Acq: 16 Sep 2019 17:09

Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS01

Tot Ion: 59 Resp: 62222
Ion Ratio Lower Upper
59 100
57 10.5 8.6 12.8

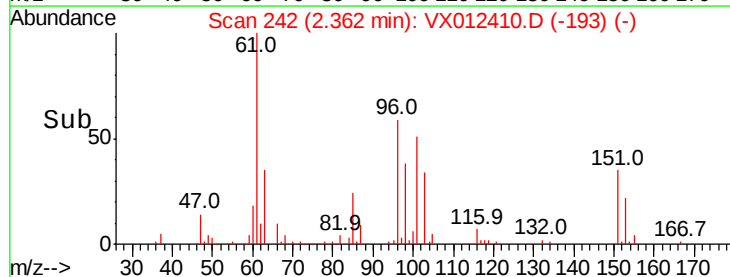
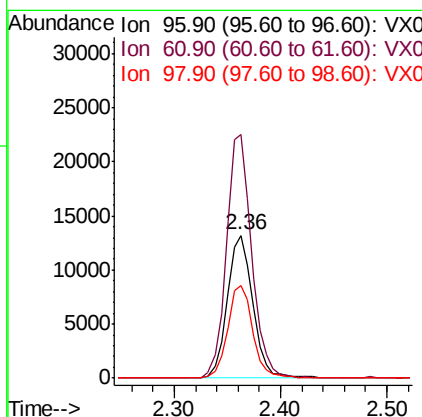
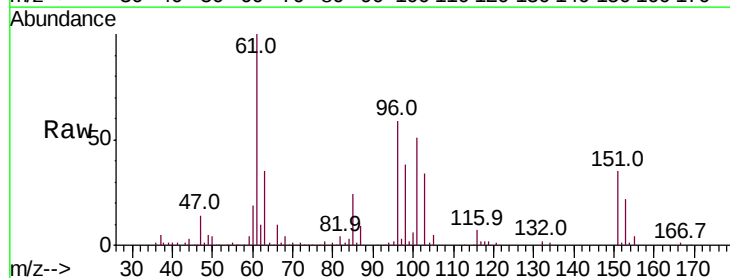
Manual Integrations
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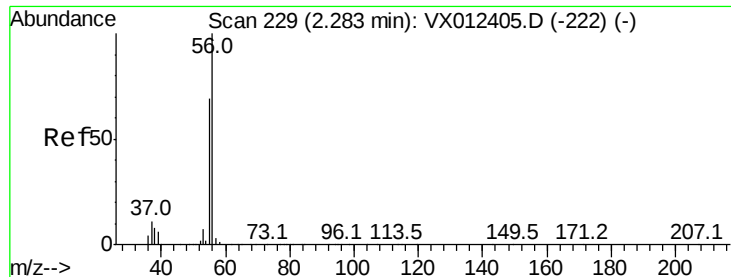
MMDadoda
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#12
1,1-Dichloroethene
Concen: 20.139 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX012410.D
Acq: 16 Sep 2019 17:09

Tgt Ion: 96 Resp: 22109
Ion Ratio Lower Upper
96 100
61 170.1 129.8 194.6
98 64.9 48.5 72.7





#13

Acrolein

Concen: 85.988 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX012410.D

Acq: 16 Sep 2019 17:09

Instrument :

MSVOA_X

ClientSampleId :

VX0916WBS01

Tot Ion: 56 Resp: 24099

Ion Ratio Lower Upper

56 100

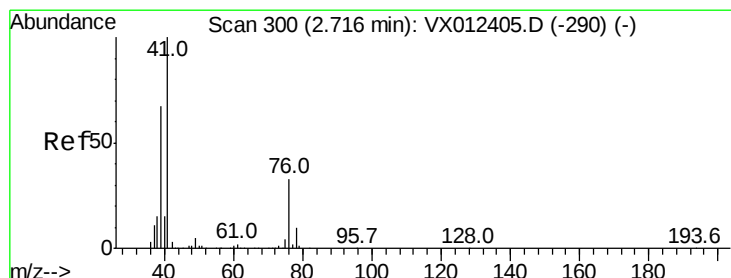
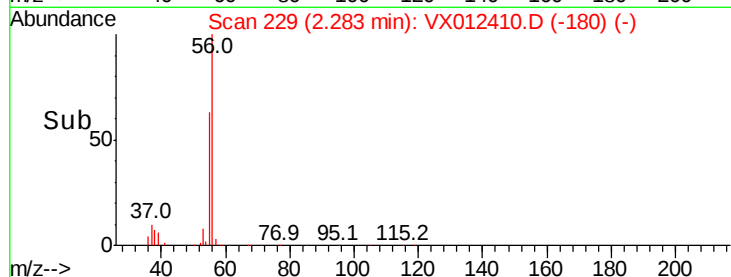
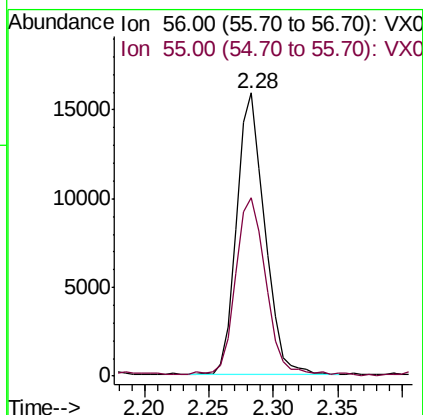
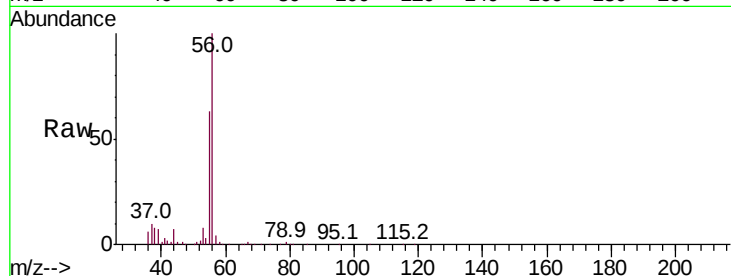
55 70.1 56.1 84.1

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#14

Allyl chloride

Concen: 19.125 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX012410.D

Acq: 16 Sep 2019 17:09

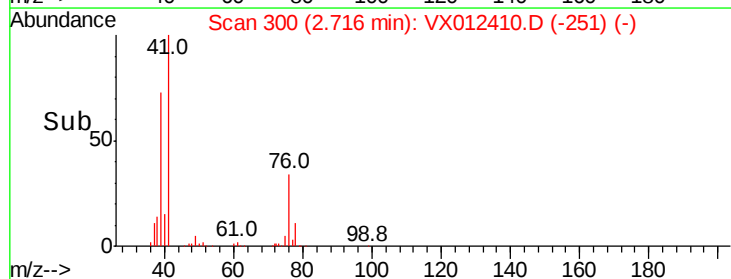
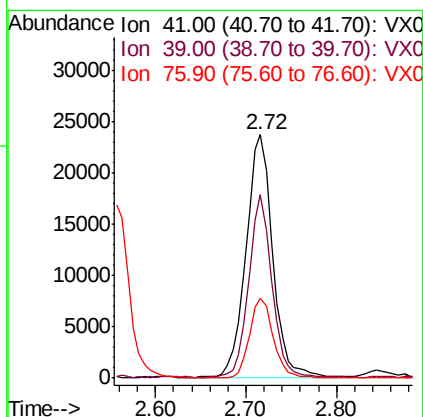
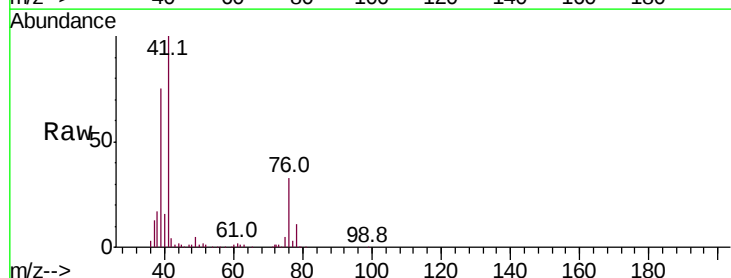
Tgt Ion: 41 Resp: 48417

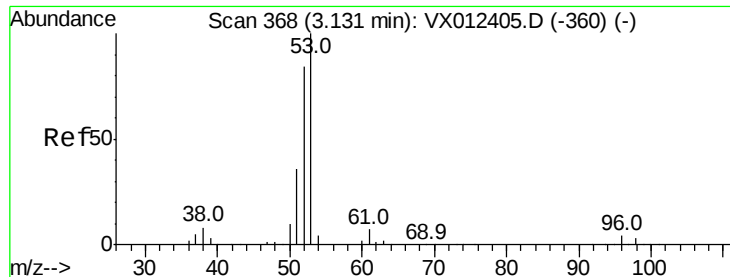
Ion Ratio Lower Upper

41 100

39 64.7 51.1 76.7

76 29.1 23.4 35.2





#15

Acrylonitrile

Concen: 93.006 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX012410.D

Acq: 16 Sep 2019 17:09

Instrument :

MSVOA_X

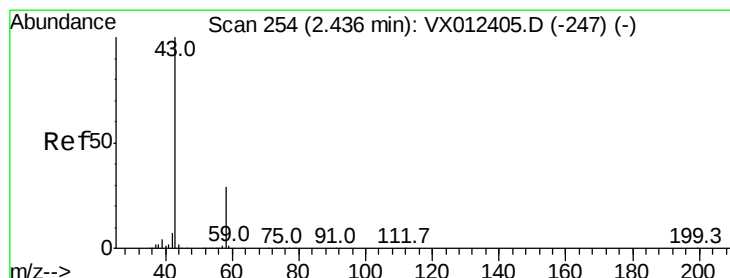
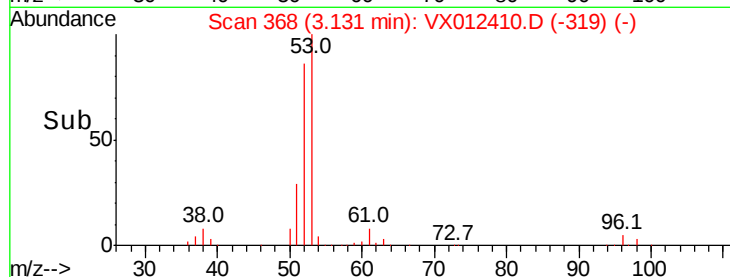
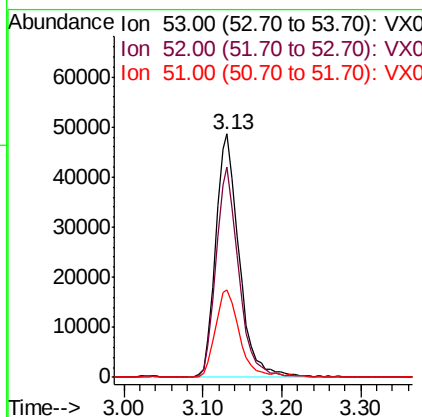
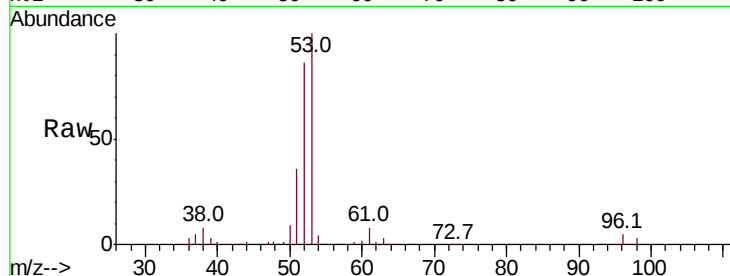
ClientSampleId :

VX0916WBS01

Tot Ion:	53	Resp:	100052
Ion	Ratio	Lower	Upper
53	100		
52	84.3	67.4	101.2
51	37.9	29.8	44.6

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#16

Acetone

Concen: 87.991 ug/l

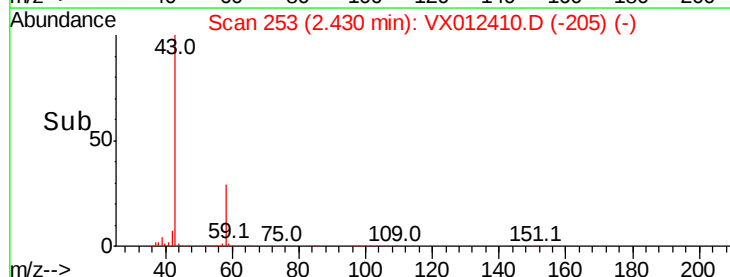
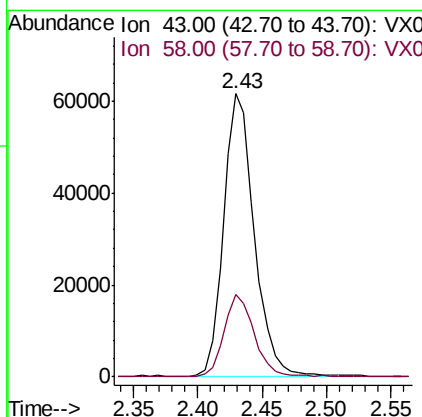
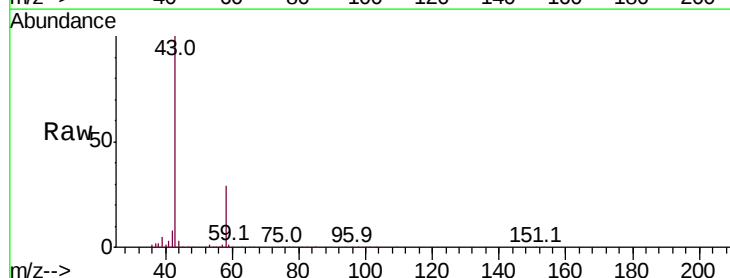
RT: 2.43 min Scan# 253

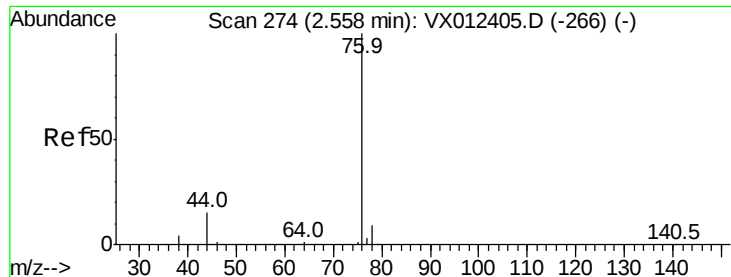
Delta R.T. -0.01 min

Lab File: VX012410.D

Acq: 16 Sep 2019 17:09

Tgt Ion:	43	Resp:	101871
Ion	Ratio	Lower	Upper
43	100		
58	29.1	23.5	35.3





#17

Carbon Disulfide

Concen: 19.133 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX012410.D

Acq: 16 Sep 2019 17:09

Instrument :

MSVOA_X

ClientSampleId :

VX0916WBS01

Tot Ion: 76 Resp: 29694

Ion Ratio Lower Upper

76 100

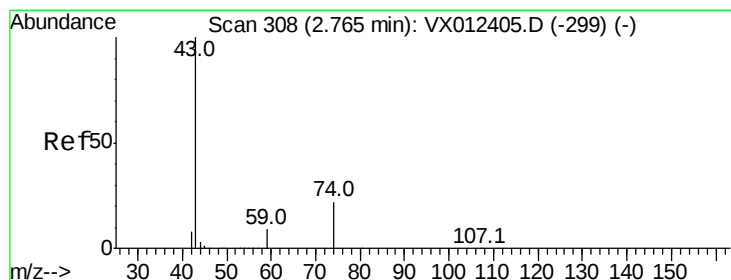
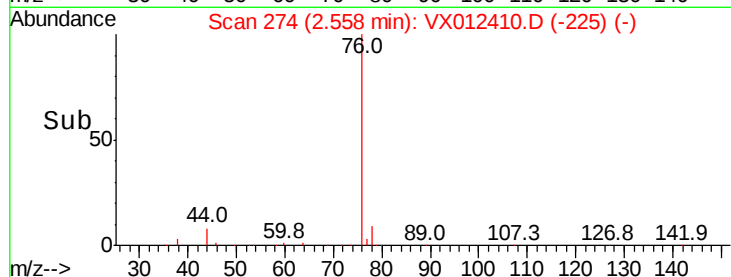
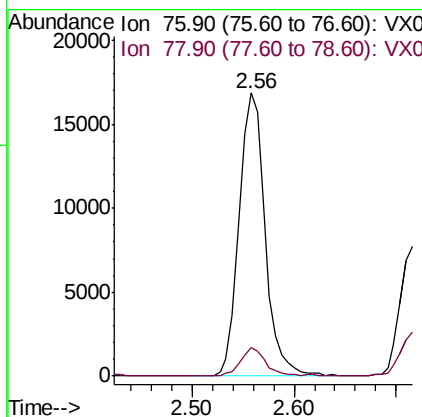
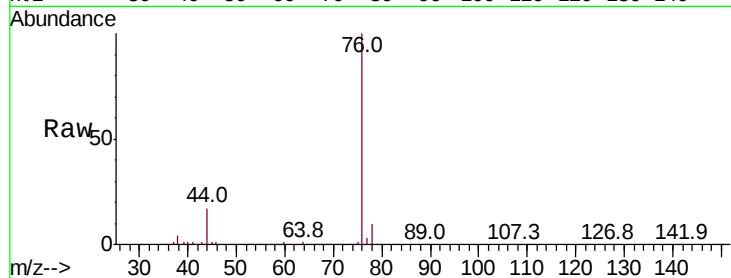
78 10.0 7.1 10.7

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#18

Methyl Acetate

Concen: 18.273 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX012410.D

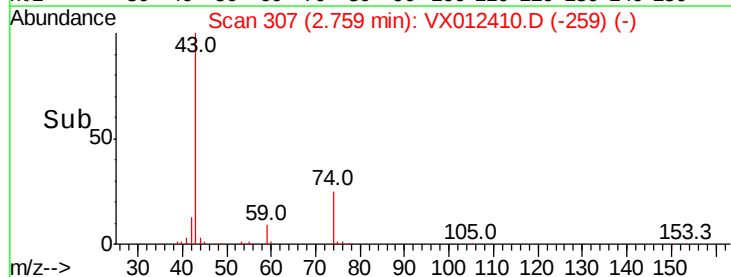
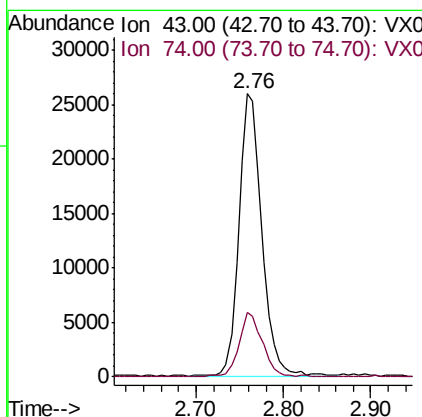
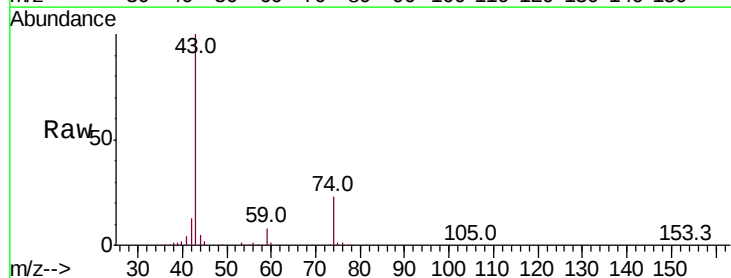
Acq: 16 Sep 2019 17:09

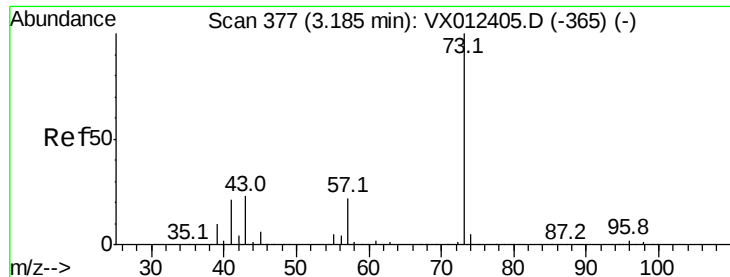
Tgt Ion: 43 Resp: 47105

Ion Ratio Lower Upper

43 100

74 23.7 18.2 27.2





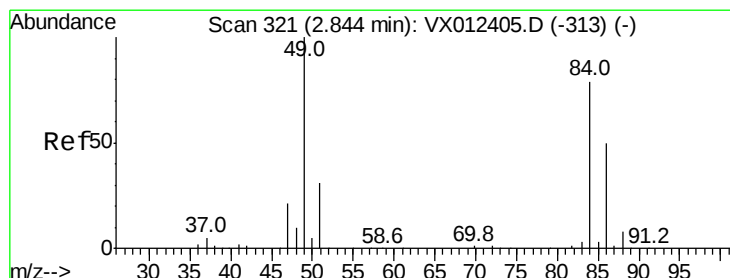
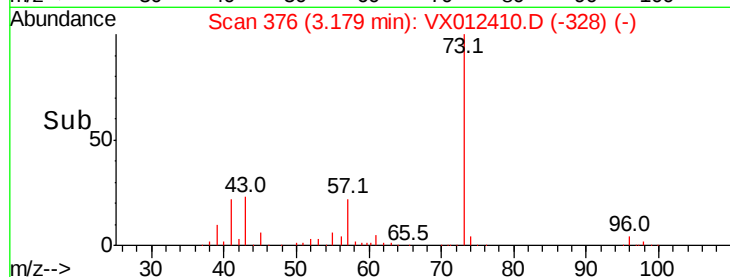
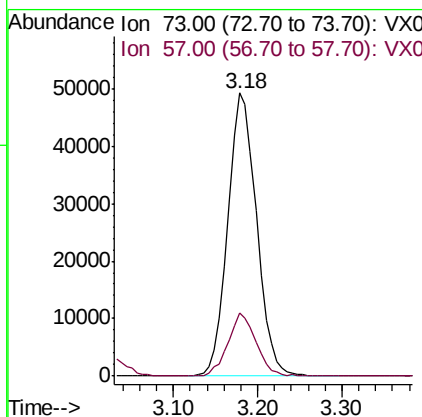
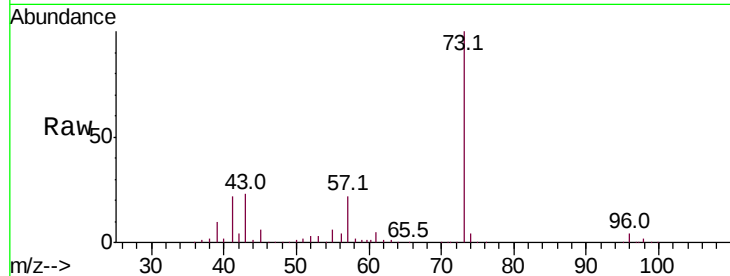
#19
Methvl tert-butvl Ether
Concen: 19.248 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX012410.D
Acq: 16 Sep 2019 17:09

Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS01

Tot Ion: 73 Resp: 114200
Ion Ratio Lower Upper
73 100
57 22.3 17.8 26.6

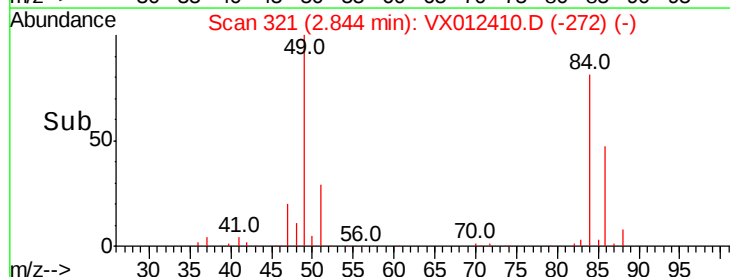
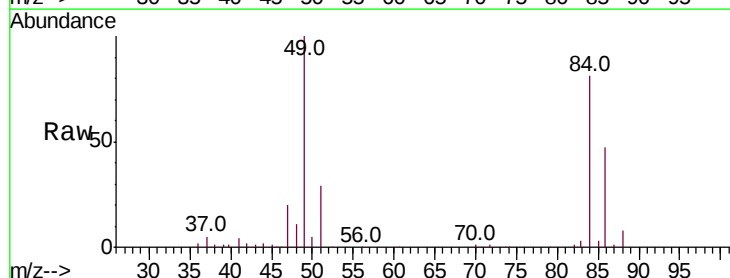
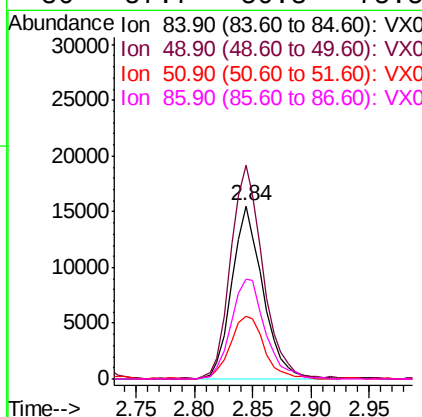
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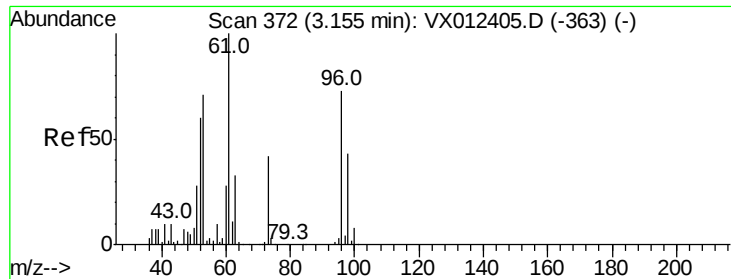
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#20
Methylene Chloride
Concen: 18.371 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX012410.D
Acq: 16 Sep 2019 17:09

Tgt Ion: 84 Resp: 29018
Ion Ratio Lower Upper
84 100
49 123.0 101.7 152.5
51 36.2 31.2 46.8
86 57.7 50.3 75.5





#21

trans-1,2-Dichloroethene

Concen: 19.656 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX012410.D

Acq: 16 Sep 2019 17:09

Instrument :

MSVOA_X

ClientSampleId :

VX0916WBS01

Tot Ion: 96 Resp: 23198

Ion Ratio Lower Upper

96 100

61 137.8 109.7 164.5

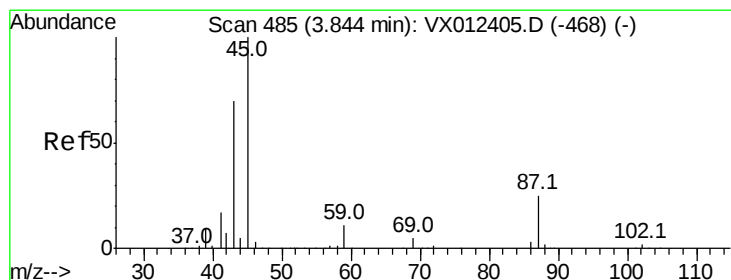
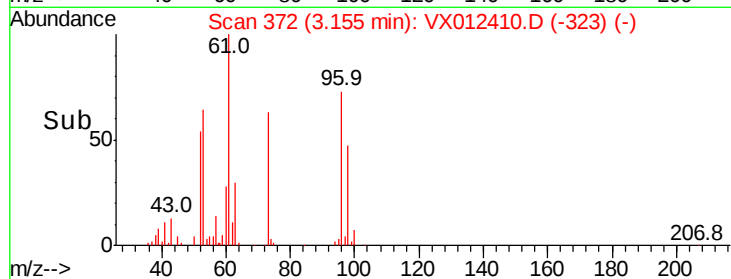
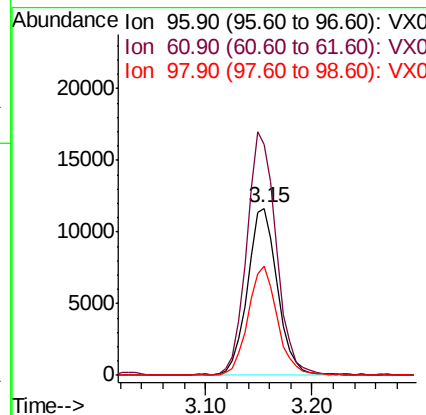
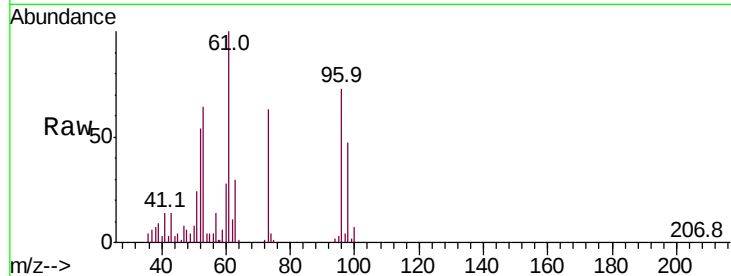
98 65.1 47.0 70.6

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#22

Diisopropyl ether

Concen: 19.193 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX012410.D

Acq: 16 Sep 2019 17:09

Tgt Ion: 45 Resp: 111567

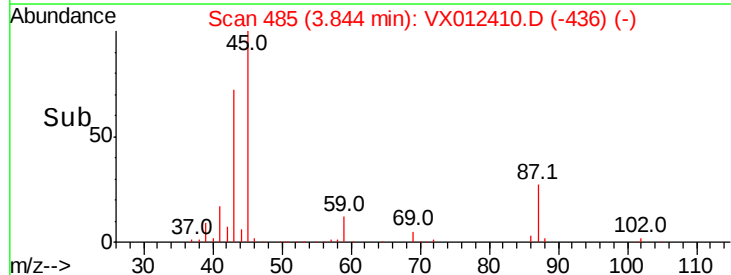
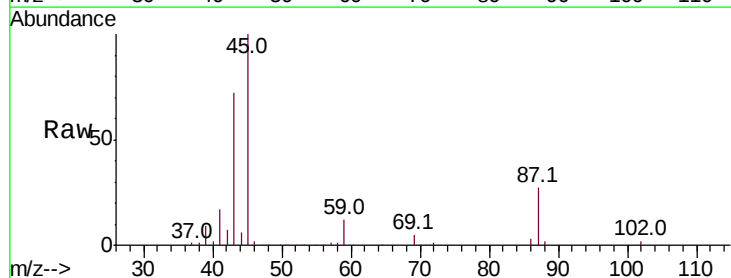
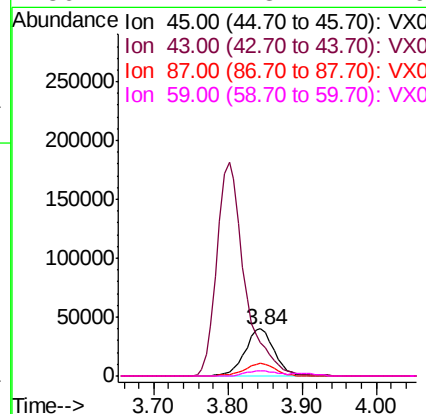
Ion Ratio Lower Upper

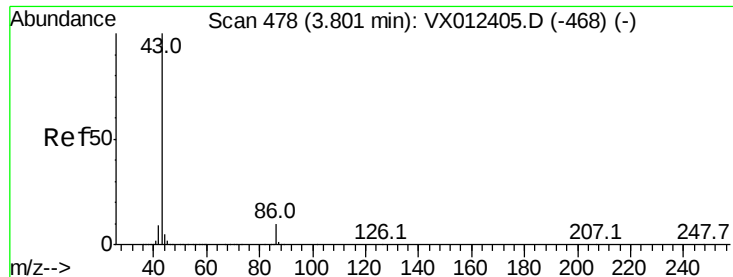
45 100

43 71.2 55.8 83.8

87 26.8 20.0 30.0

59 11.7 8.4 12.6





#23

Vinyl Acetate

Concen: 98.436 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX012410.D

Acq: 16 Sep 2019 17:09

Instrument :

MSVOA_X

ClientSampleId :

VX0916WBS01

Tot Ion: 43 Resp: 472319

Ion Ratio Lower Upper

43 100

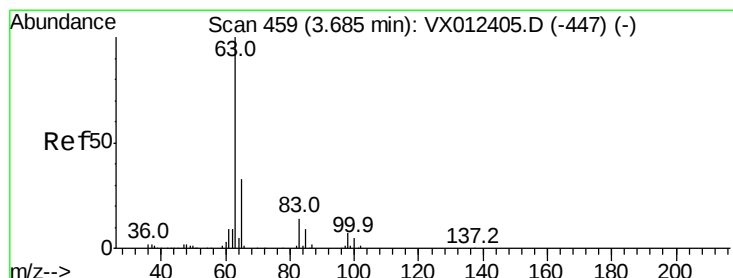
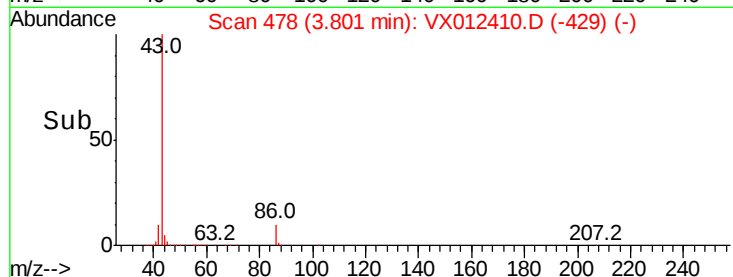
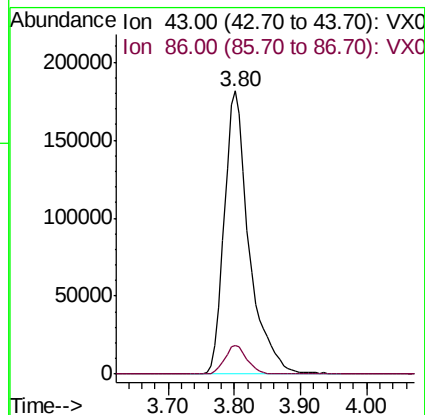
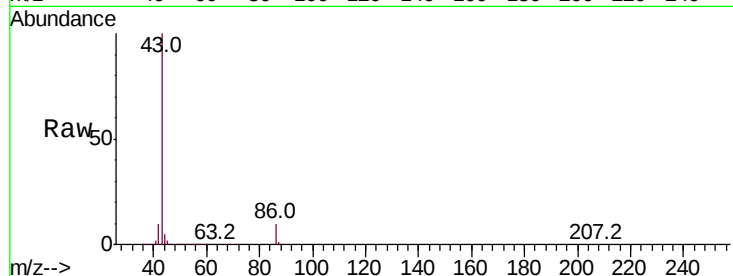
86 10.1 8.3 12.5

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#24

1,1-Dichloroethane

Concen: 19.432 ug/l

RT: 3.68 min Scan# 458

Delta R.T. -0.01 min

Lab File: VX012410.D

Acq: 16 Sep 2019 17:09

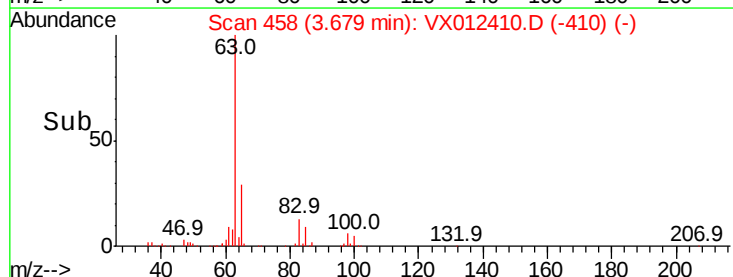
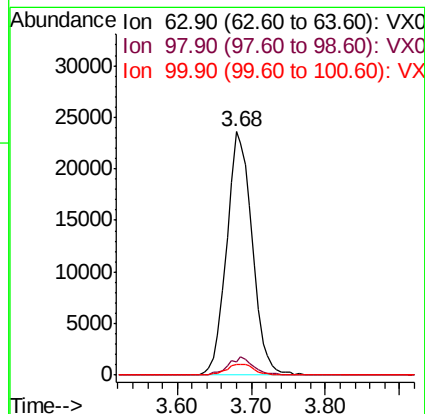
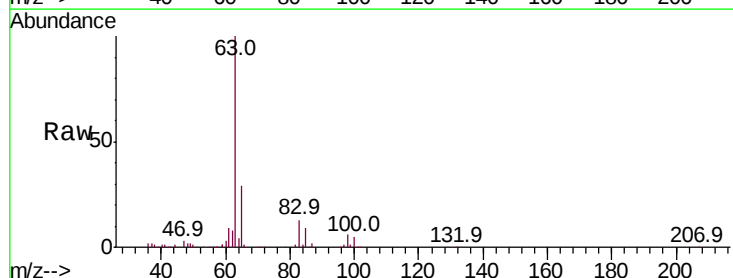
Tgt Ion: 63 Resp: 56522

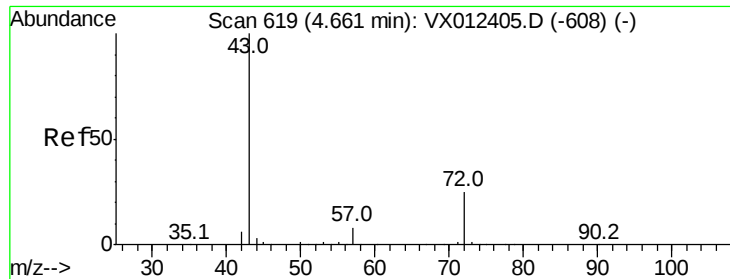
Ion Ratio Lower Upper

63 100

98 5.7 3.5 10.6

100 4.5 2.5 7.5





#25

2-Butanone

Concen: 91.661 ug/l

RT: 4.66 min Scan# 619

Delta R.T. -0.00 min

Lab File: VX012410.D

Acq: 16 Sep 2019 17:09

Instrument :

MSVOA_X

ClientSampleId :

VX0916WBS01

Tot Ion: 43 Resp: 151186

Ion Ratio Lower Upper

43 100

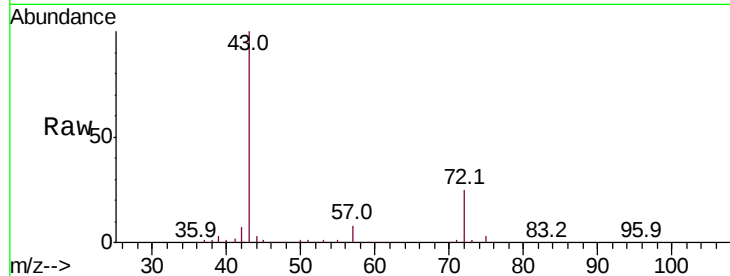
72 25.2 19.8 29.6

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

60000

50000

40000

30000

20000

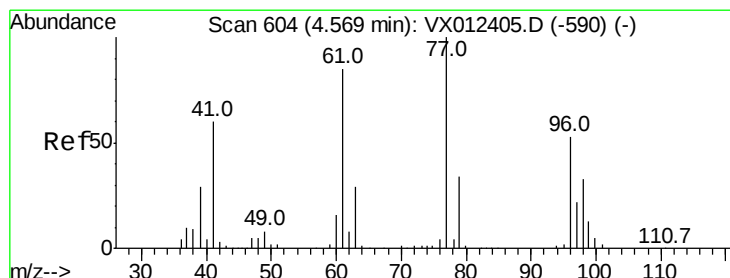
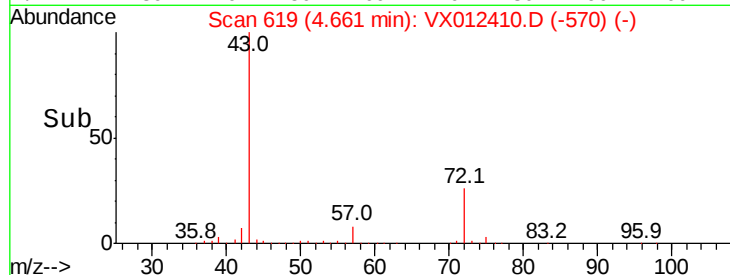
10000

0

4.66

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 19.179 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX012410.D

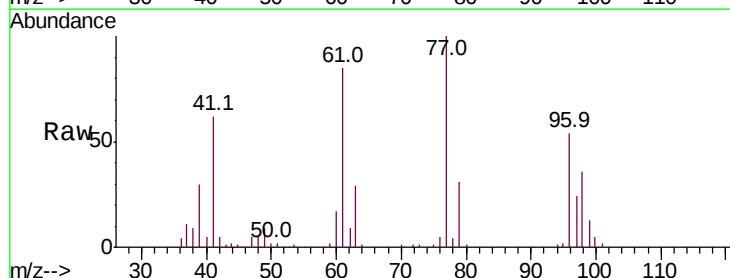
Acq: 16 Sep 2019 17:09

Tgt Ion: 77 Resp: 53213

Ion Ratio Lower Upper

77 100

97 21.7 10.7 32.1



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

20000

15000

10000

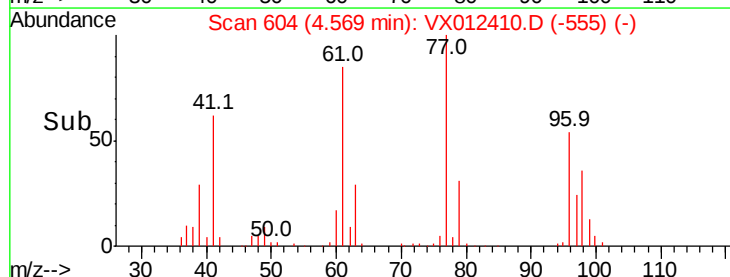
5000

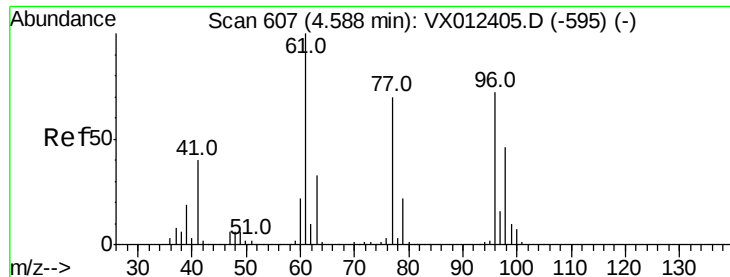
0

4.57

4.50 4.60 4.70

Time-->





#27

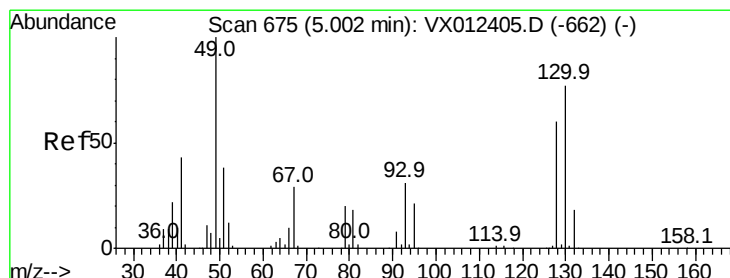
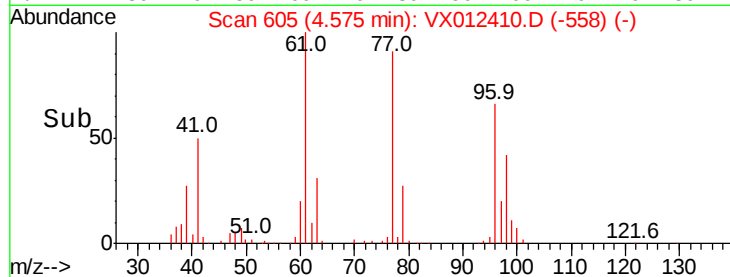
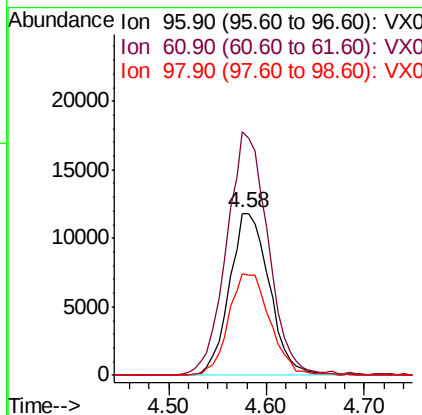
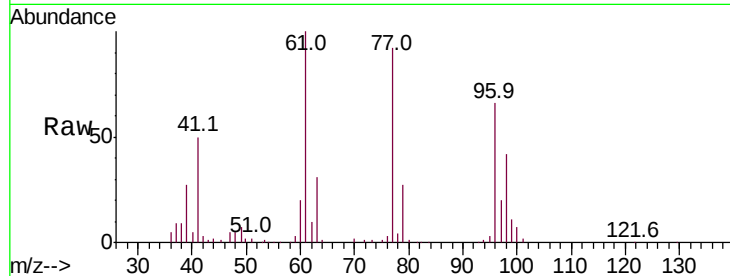
cis-1,2-Dichloroethene
 Concen: 19.326 ug/l
 RT: 4.58 min Scan# 605
 Delta R.T. -0.01 min
 Lab File: VX012410.D
 Acq: 16 Sep 2019 17:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0916WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	156.8	0.0	307.6
98	65.3	0.0	129.8

Manual Integrations
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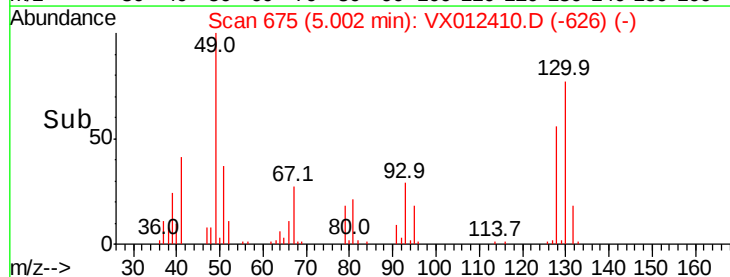
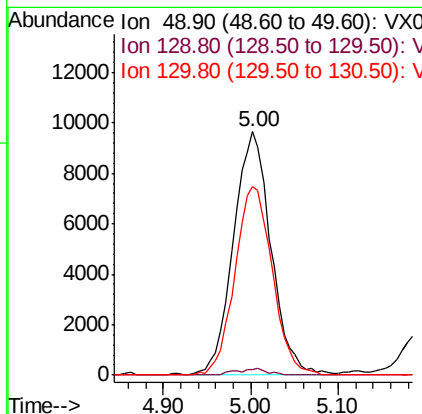
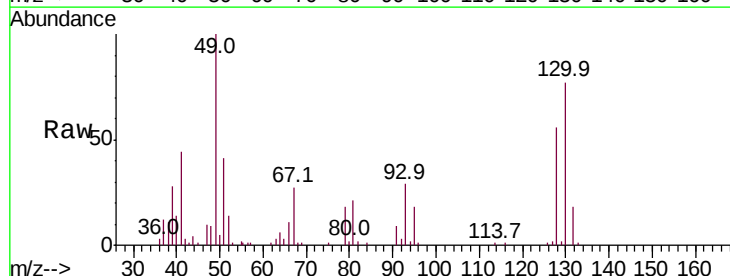
MMDadoda
 9/18/2019 11:19:10 AM

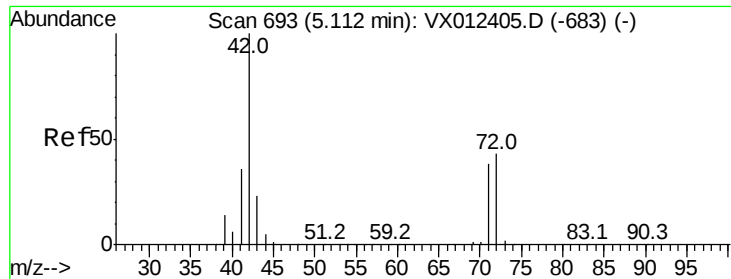


#28

Bromochloromethane
 Concen: 19.393 ug/l
 RT: 5.00 min Scan# 675
 Delta R.T. -0.00 min
 Lab File: VX012410.D
 Acq: 16 Sep 2019 17:09

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.6
130	77.0	61.3	91.9





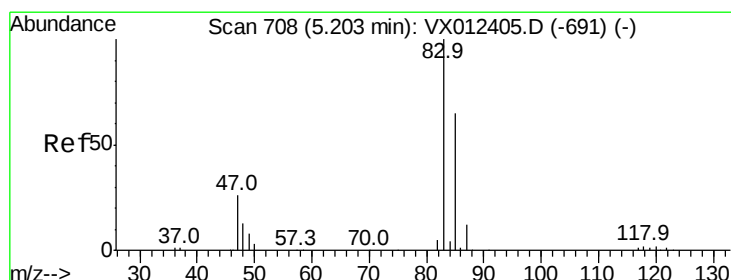
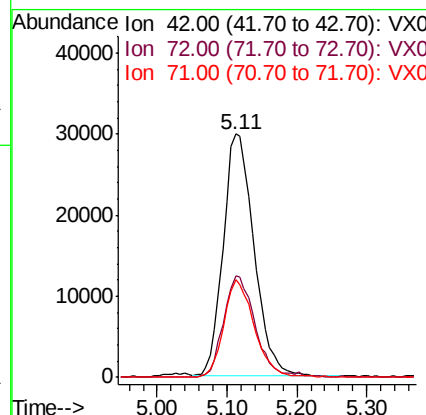
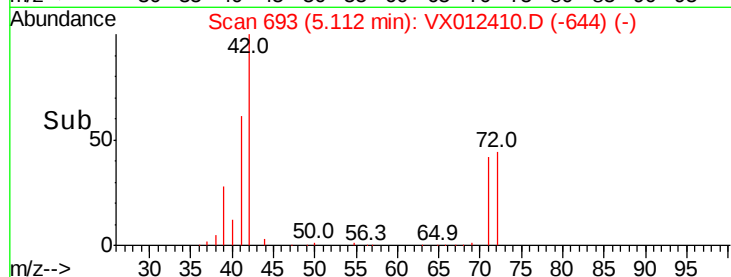
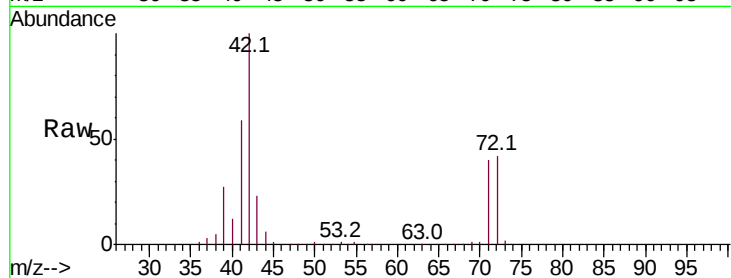
#29
Tetrahydrofuran
Concen: 95.944 ug/l
RT: 5.11 min Scan# 693
Delta R.T. 0.00 min
Lab File: VX012410.D
Acq: 16 Sep 2019 17:09

Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.4	34.9	52.3
71	39.6	32.6	48.8

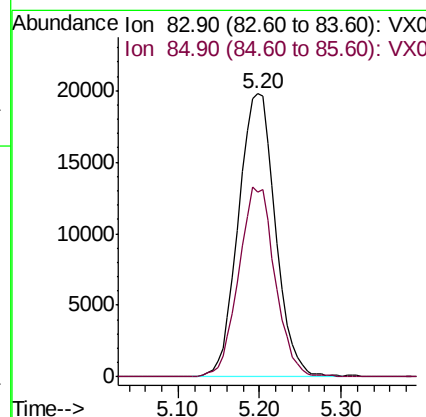
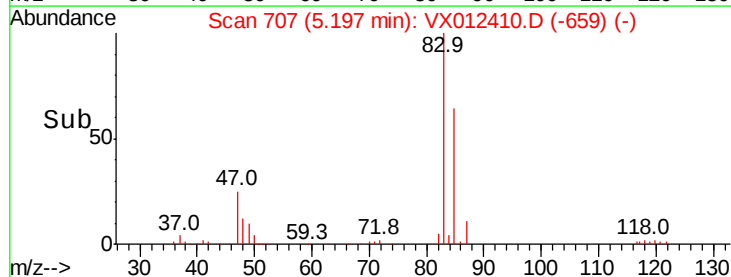
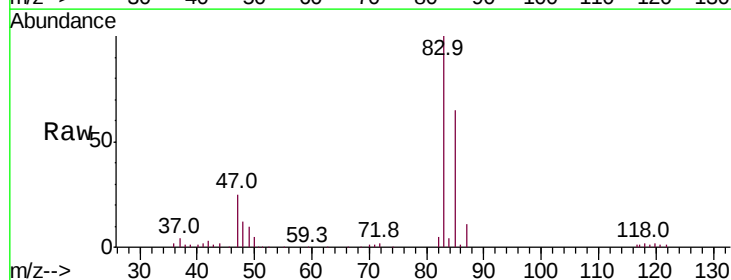
Manual Integrations
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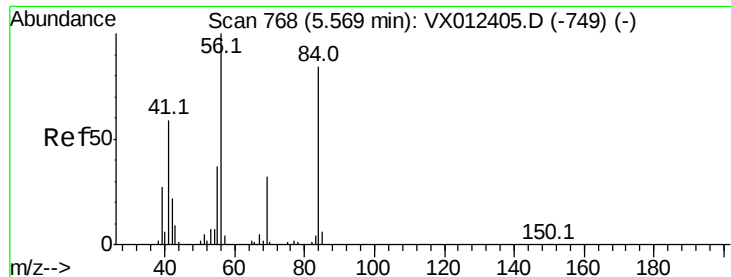
MMDadoda
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#30
Chloroform
Concen: 18.541 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX012410.D
Acq: 16 Sep 2019 17:09

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.3	51.9	77.9





#31

Cyclohexane

Concen: 19.668 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX012410.D

Acq: 16 Sep 2019 17:09

Instrument :

MSVOA_X

ClientSampleId :

VX0916WBS01

Tot Ion: 56 Resp: 34830

Ion Ratio Lower Upper

56 100

69 29.9 24.9 37.3

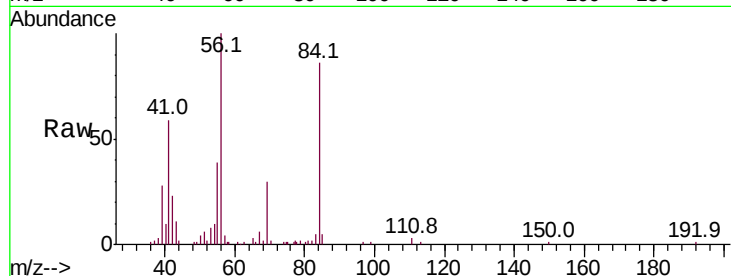
84 83.3 67.2 100.8

Manual Integrations

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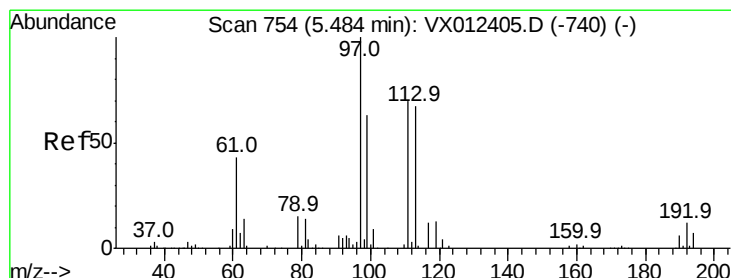
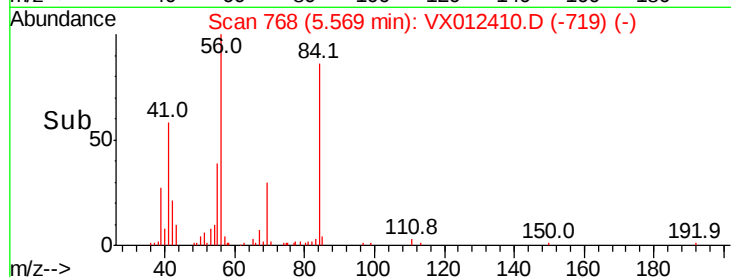
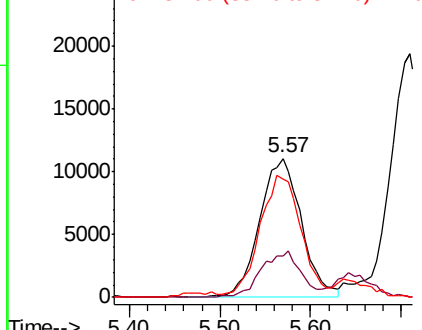


Abundance

Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 19.282 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012410.D

Acq: 16 Sep 2019 17:09

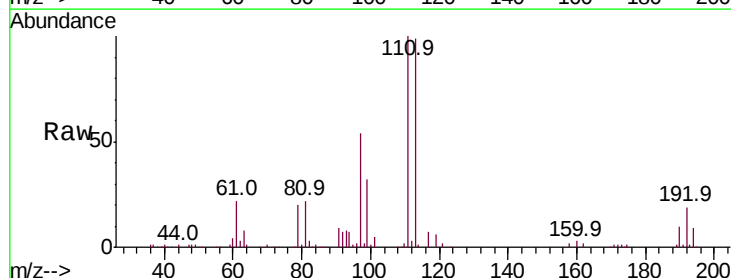
Tgt Ion: 97 Resp: 53835

Ion Ratio Lower Upper

97 100

99 64.6 51.7 77.5

61 46.0 35.7 53.5

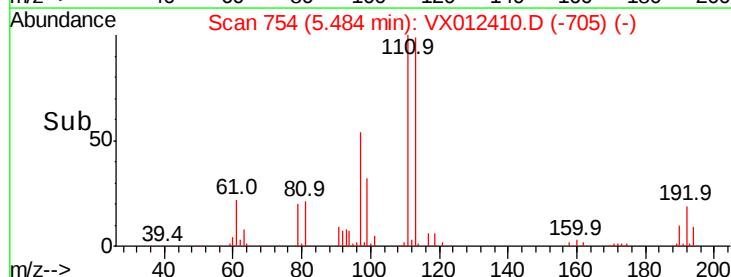
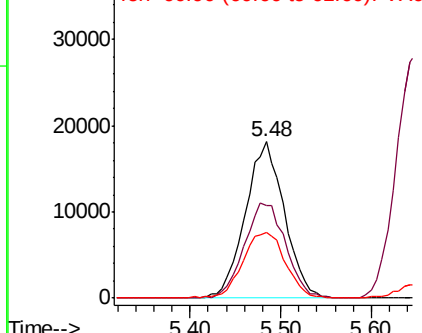


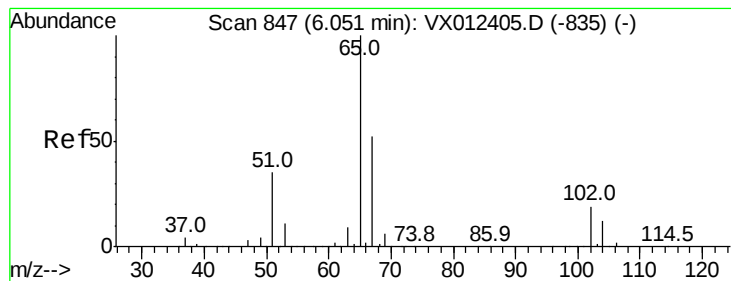
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 51.318 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX012410.D

Acq: 16 Sep 2019 17:09

Instrument :

MSVOA_X

ClientSampleId :

VX0916WBS01

Tot Ion: 65 Resp: 132280

Ion Ratio Lower Upper

65 100

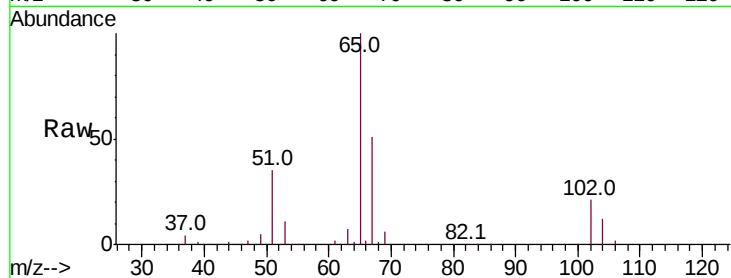
67 50.7 0.0 102.8

Manual Integrations

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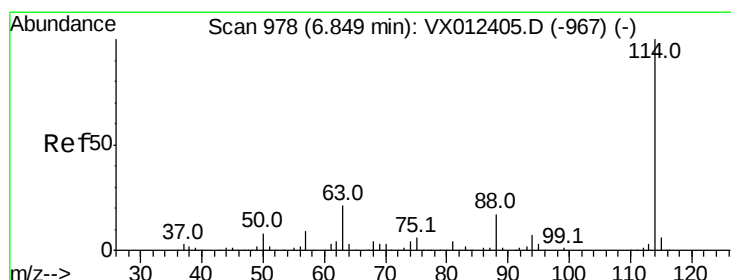
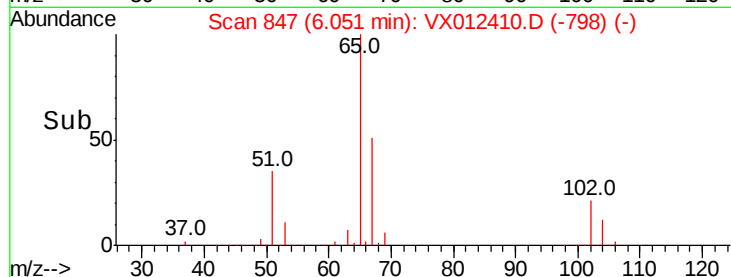
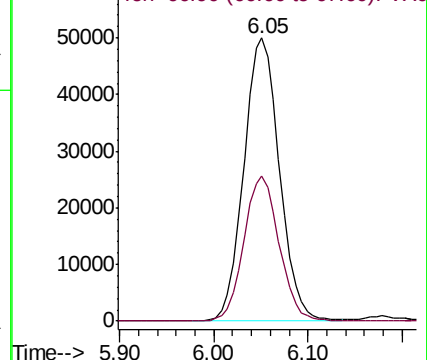
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX012410.D

Acq: 16 Sep 2019 17:09

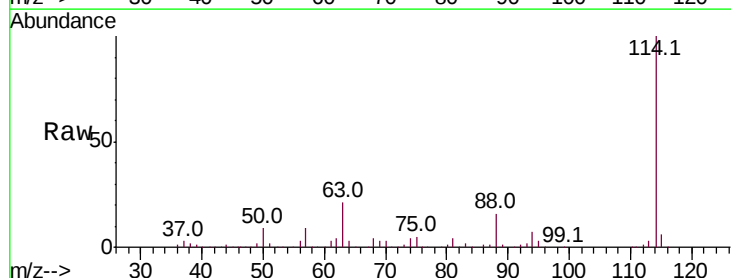
Tgt Ion: 114 Resp: 193618

Ion Ratio Lower Upper

114 100

63 21.1 0.0 42.4

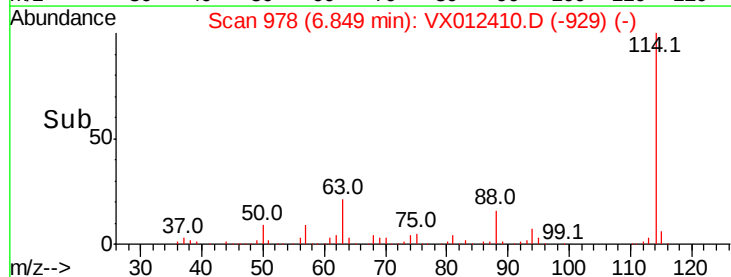
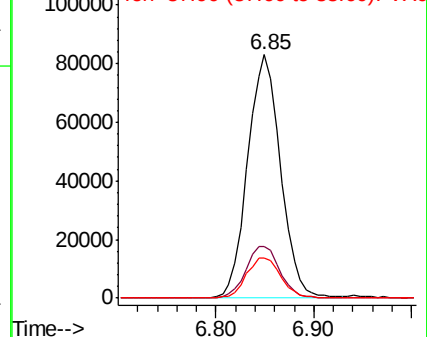
88 16.5 0.0 33.4

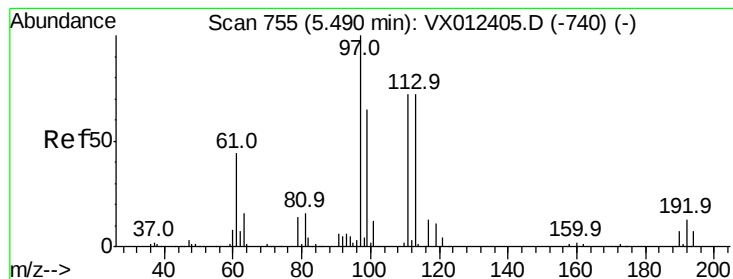


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 51.303 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX012410.D

Acq: 16 Sep 2019 17:09

Instrument :

MSVOA_X

ClientSampleId :

VX0916WBS01

Tot Ion:113 Resp: 96222

Ion Ratio Lower Upper

113 100

111 102.9 81.8 122.6

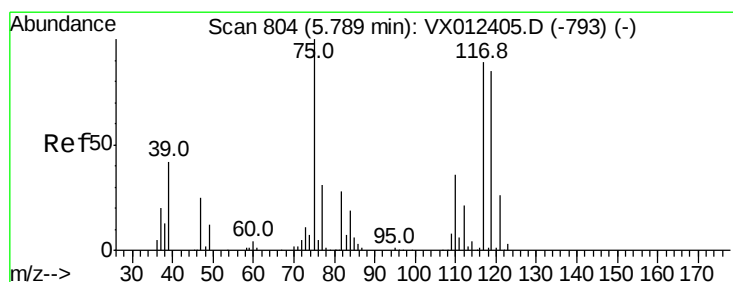
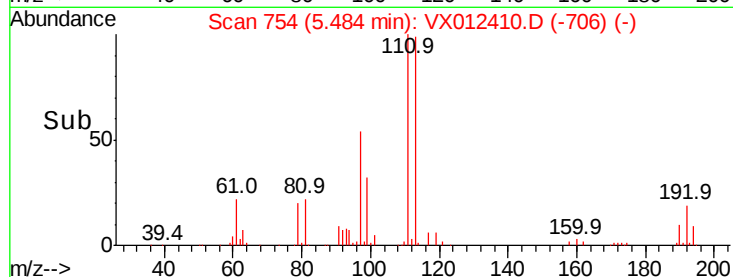
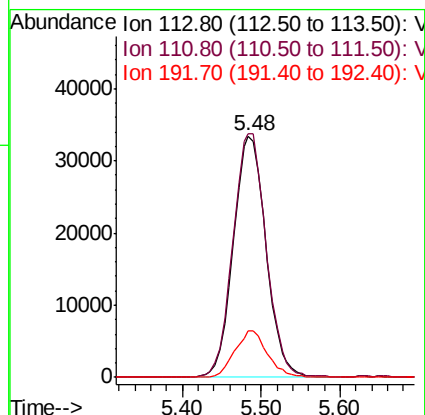
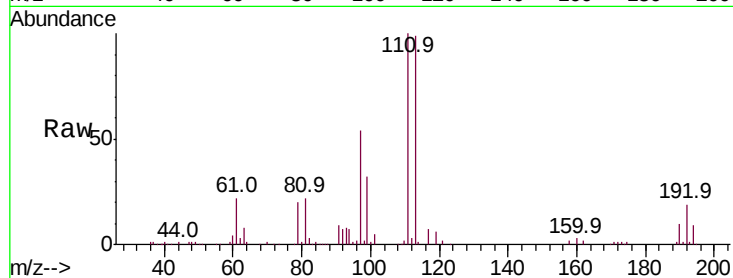
192 19.1 15.0 22.4

Manual Integrations

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#36

1,1-Dichloropropene

Concen: 19.378 ug/l

RT: 5.78 min Scan# 803

Delta R.T. -0.01 min

Lab File: VX012410.D

Acq: 16 Sep 2019 17:09

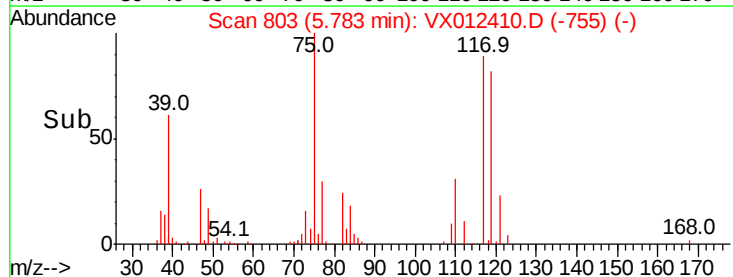
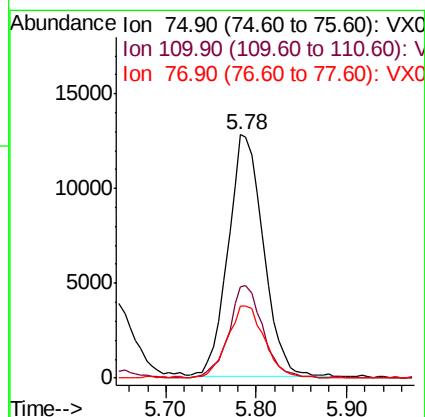
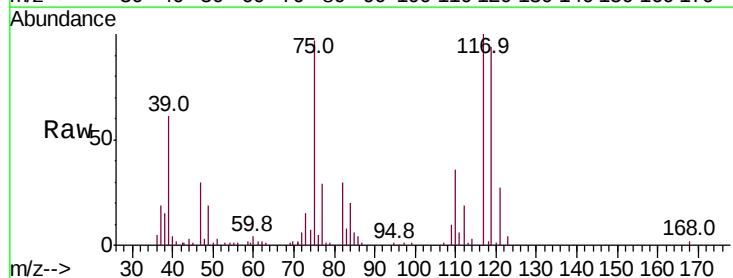
Tgt Ion: 75 Resp: 34670

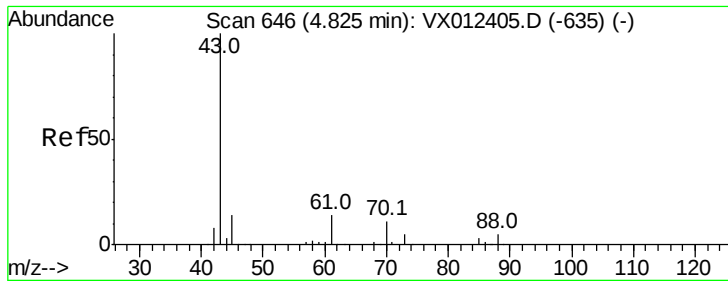
Ion Ratio Lower Upper

75 100

110 37.2 17.4 52.2

77 31.3 24.8 37.2





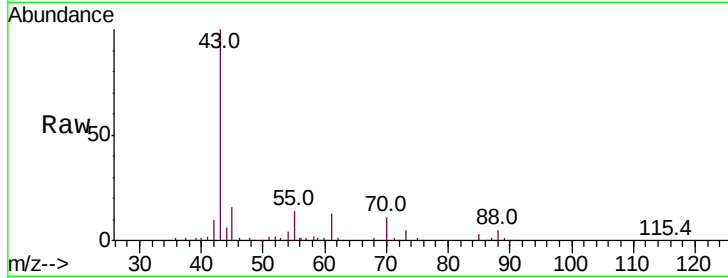
#37
Ethyl Acetate
Concen: 19.215 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.01 min
Lab File: VX012410.D
Acq: 16 Sep 2019 17:09

Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.4	11.2	16.8
70	12.5	9.0	13.6

Manual Integrations
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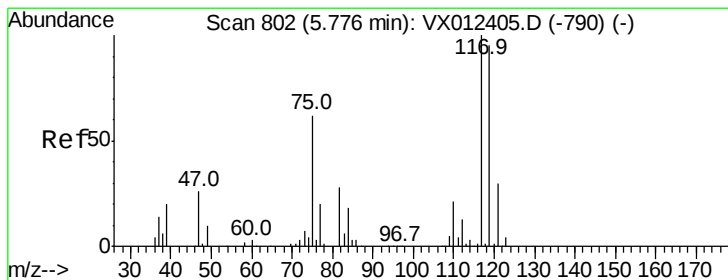
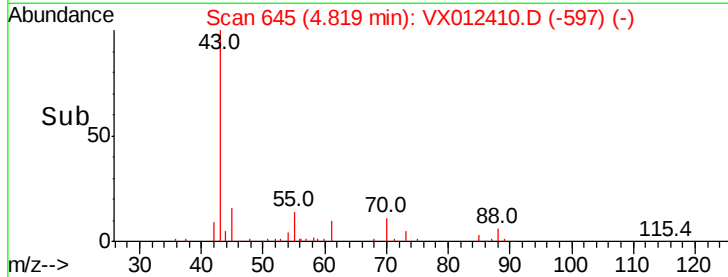
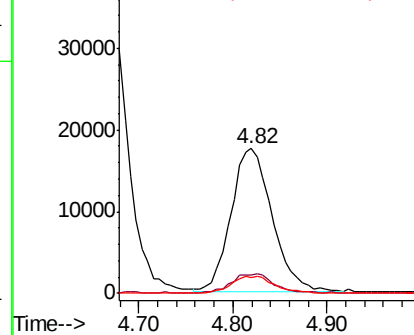


Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38
Carbon Tetrachloride
Concen: 19.967 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX012410.D
Acq: 16 Sep 2019 17:09

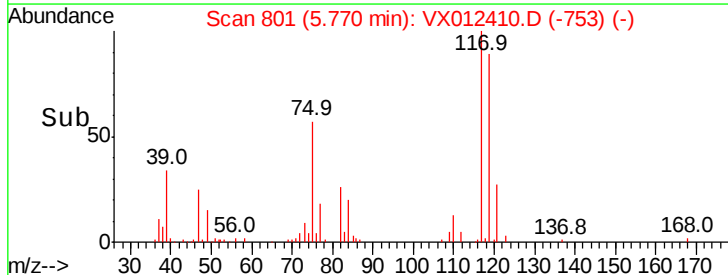
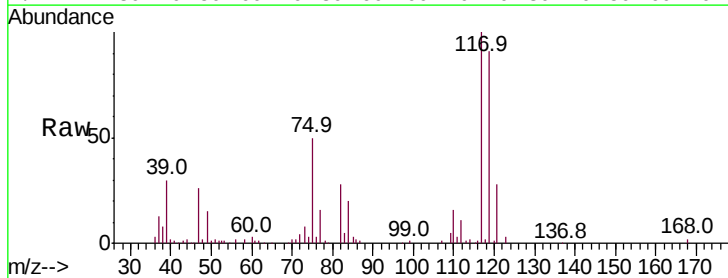
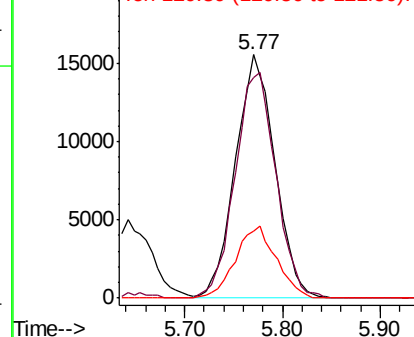
Tgt Ion	Ratio	Lower	Upper
117	100		
119	90.7	75.8	113.8
121	27.7	23.8	35.6

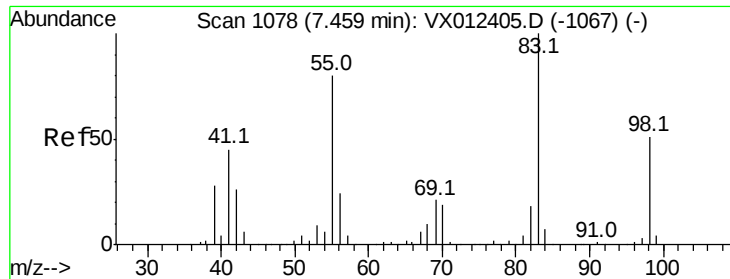
Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





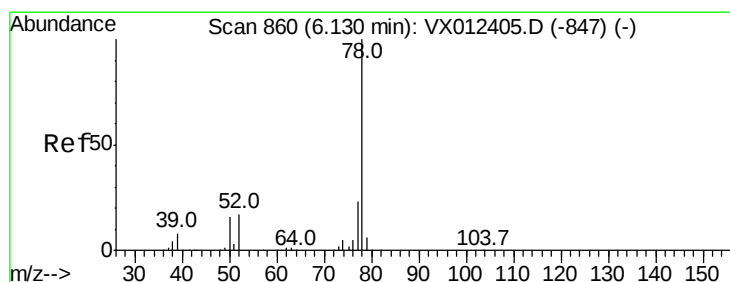
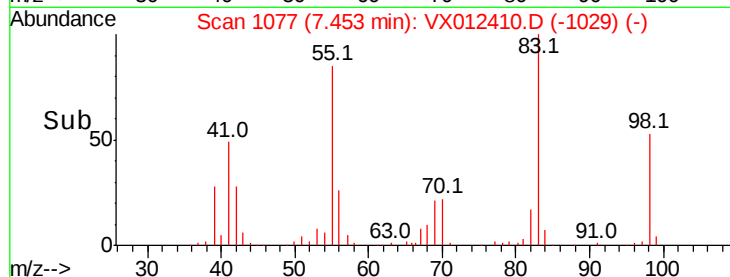
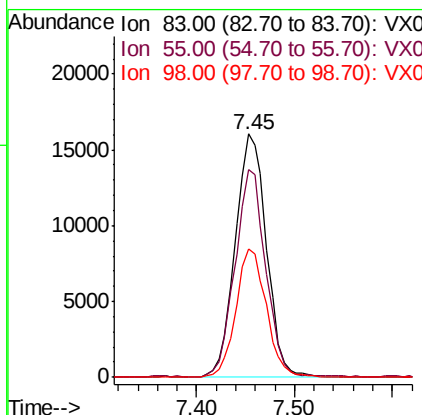
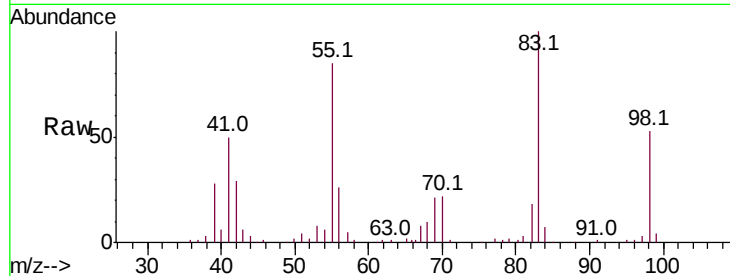
#39
Methvlcvclohexane
Concen: 20.705 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX012410.D
Acq: 16 Sep 2019 17:09

Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS01

Tot Ion	83	Resp	35584
Ion	Ratio	Lower	Upper
83	100		
55	85.3	63.8	95.6
98	52.7	40.6	61.0

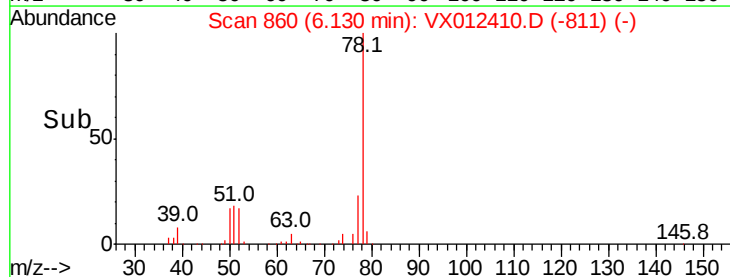
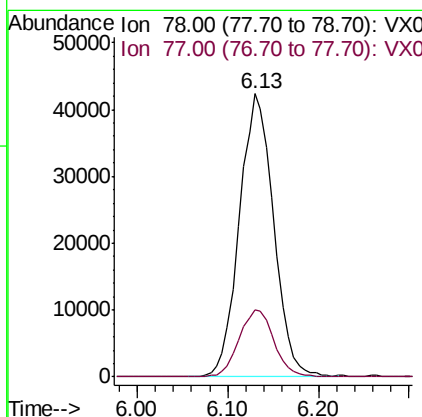
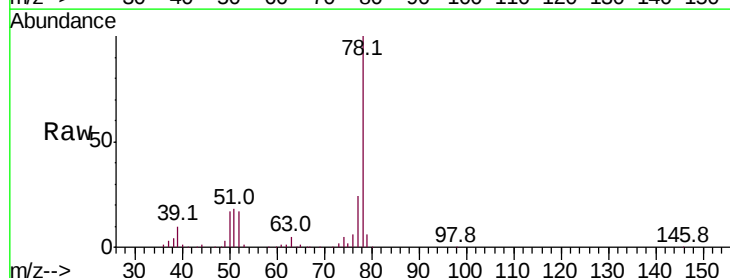
Manual Integrations
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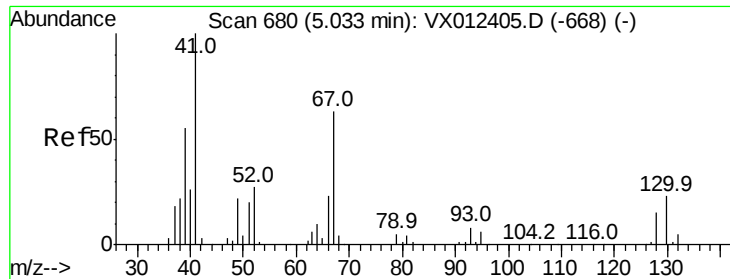
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#40
Benzene
Concen: 20.102 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX012410.D
Acq: 16 Sep 2019 17:09

Tgt Ion	78	Resp	110830
Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.2	27.2





#41

Methacrylonitrile

Concen: 19.322 ug/l

RT: 5.03 min Scan# 679

Delta R.T. -0.01 min

Lab File: VX012410.D

Acq: 16 Sep 2019 17:09

Instrument :

MSVOA_X

ClientSampleId :

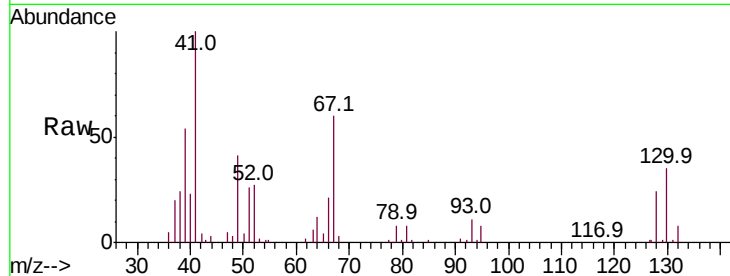
VX0916WBS01

Tot Ion: 41 Resp: 30390

Ion	Ratio	Lower	Upper
41	100		
39	60.3	44.4	66.6
67	69.3	53.8	80.8
52	32.9	22.2	33.4

Manual Integrations
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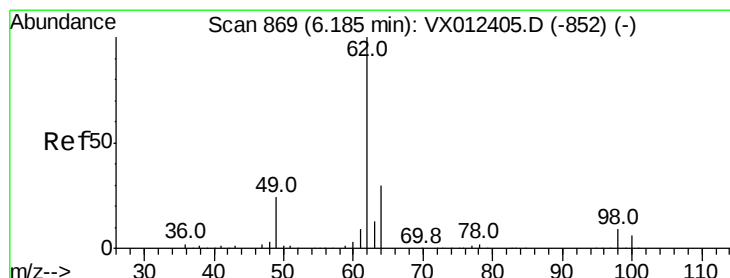
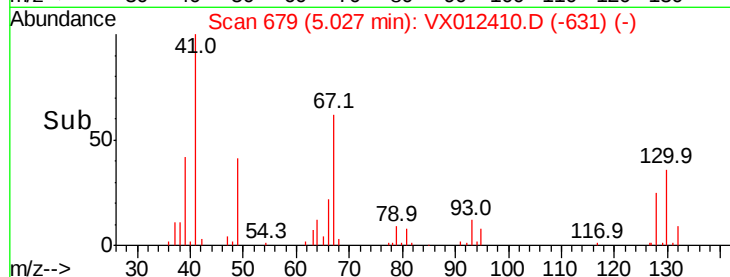
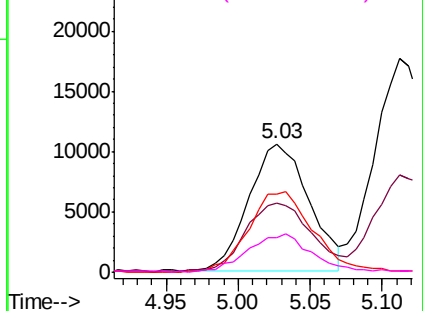


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 19.864 ug/l

RT: 6.18 min Scan# 868

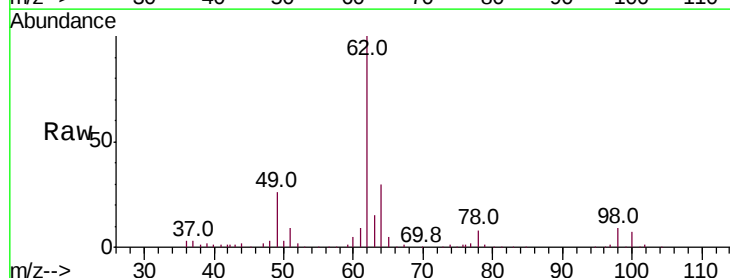
Delta R.T. -0.01 min

Lab File: VX012410.D

Acq: 16 Sep 2019 17:09

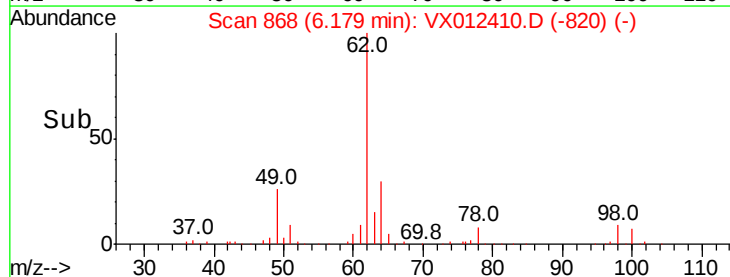
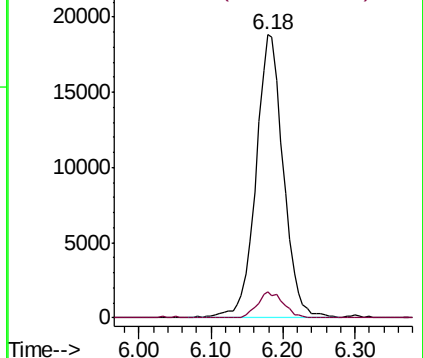
Tgt Ion: 62 Resp: 49863

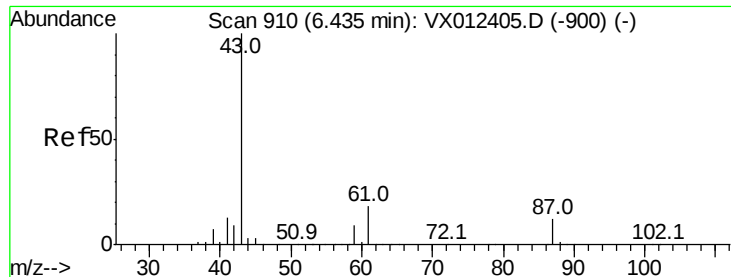
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	17.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 19.098 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX012410.D

Acq: 16 Sep 2019 17:09

Instrument :

MSVOA_X

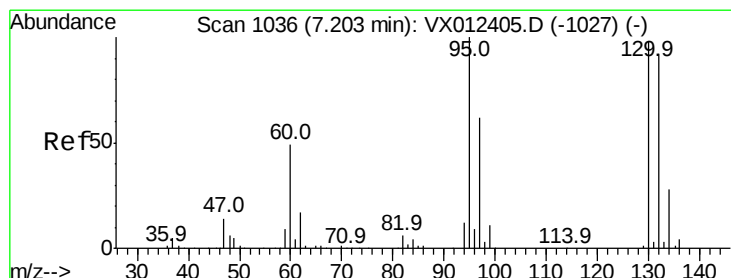
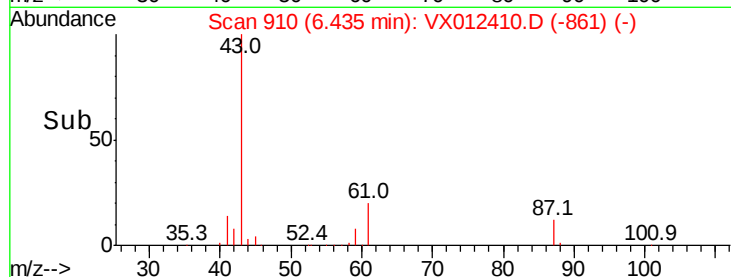
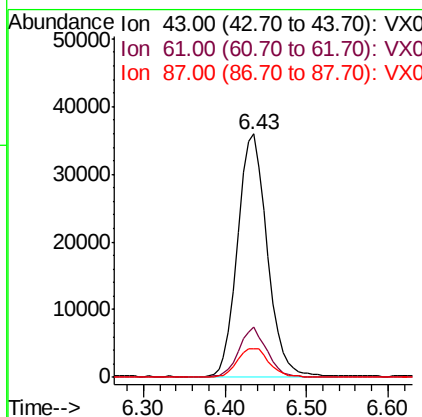
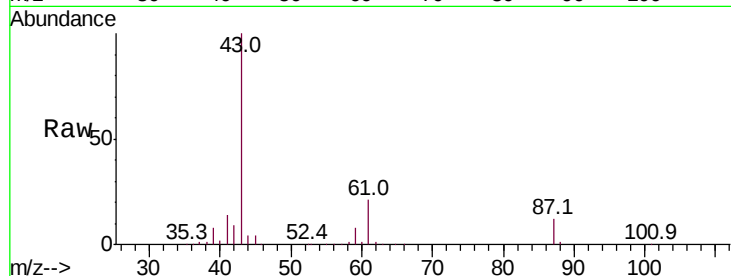
ClientSampleId :

VX0916WBS01

Tot Ion:	43	Resp:	90267
Ion	Ratio	Lower	Upper
43	100		
61	19.6	15.5	23.3
87	13.0	10.0	15.0

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#44

Trichloroethene

Concen: 20.517 ug/l

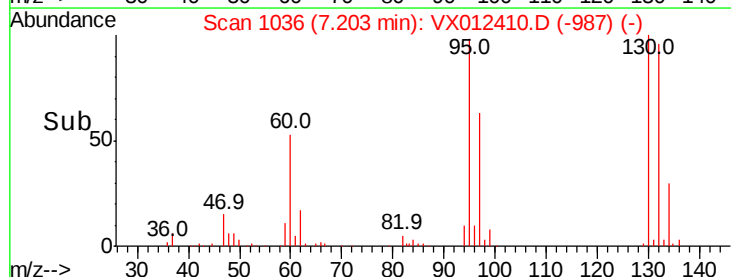
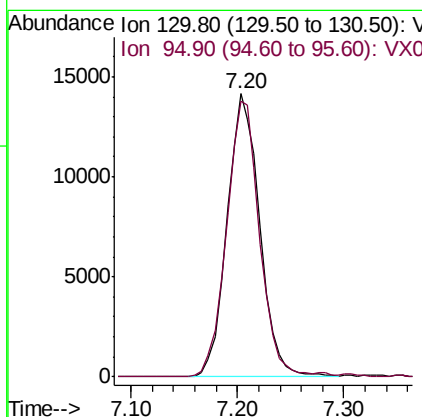
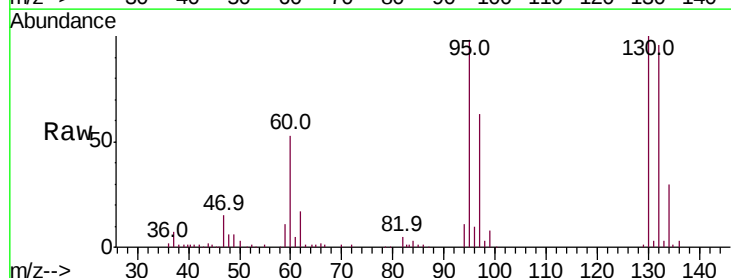
RT: 7.20 min Scan# 1036

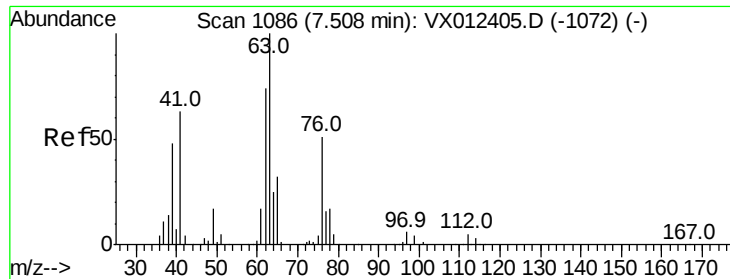
Delta R.T. -0.00 min

Lab File: VX012410.D

Acq: 16 Sep 2019 17:09

Tgt Ion:	130	Resp:	30381
Ion	Ratio	Lower	Upper
130	100		
95	97.6	0.0	203.2





#45

1,2-Dichloropropane

Concen: 19.248 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX012410.D

Acq: 16 Sep 2019 17:09

Instrument :

MSVOA_X

ClientSampleId :

VX0916WBS01

Tot Ion: 63 Resp: 32431

Ion Ratio Lower Upper

63 100

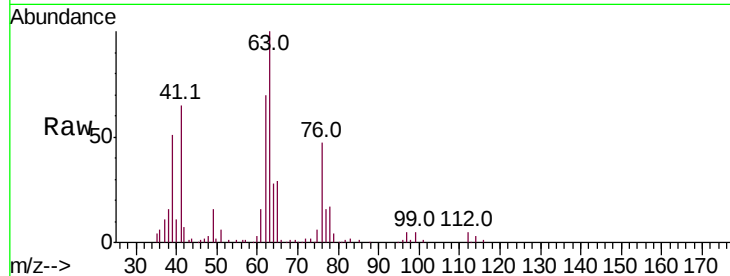
65 28.7 25.6 38.4

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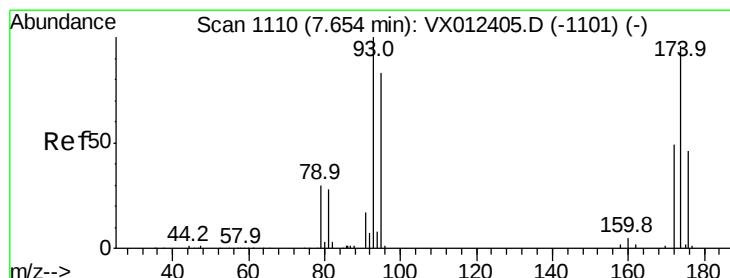
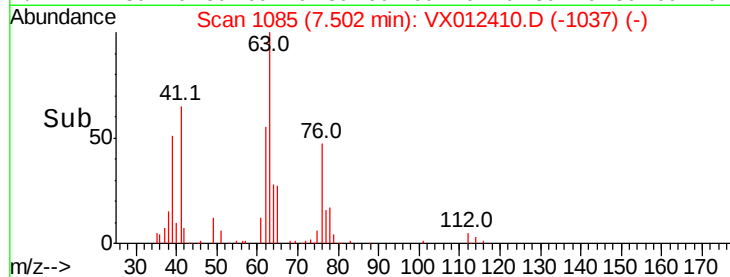
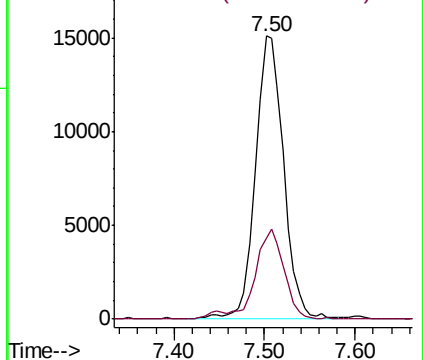
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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 19.448 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX012410.D

Acq: 16 Sep 2019 17:09

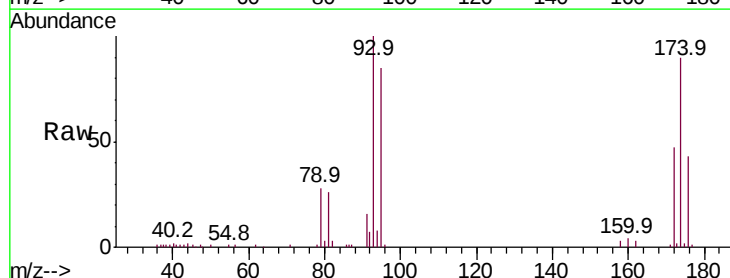
Tgt Ion: 93 Resp: 21860

Ion Ratio Lower Upper

93 100

95 84.7 66.2 99.2

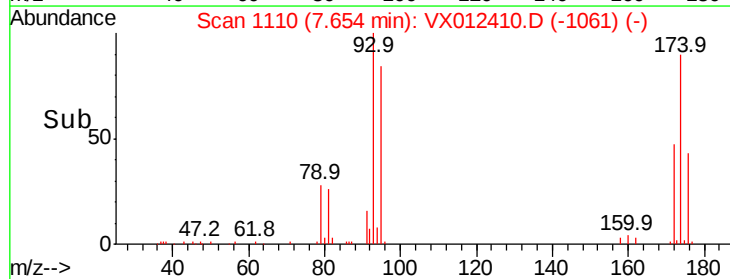
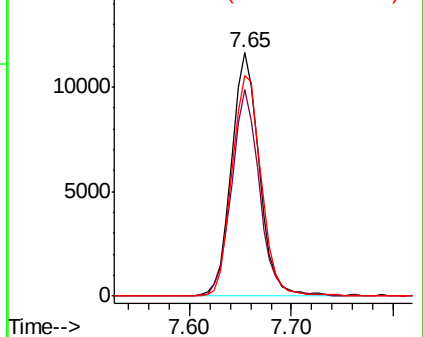
174 95.5 78.6 118.0

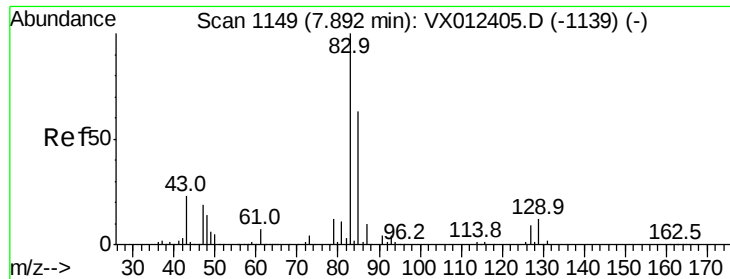


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.515 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX012410.D

Acq: 16 Sep 2019 17:09

Instrument :

MSVOA_X

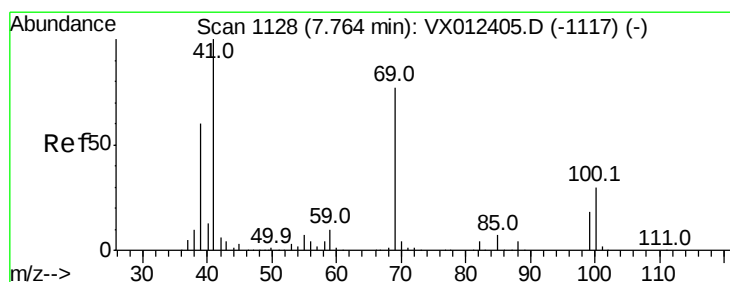
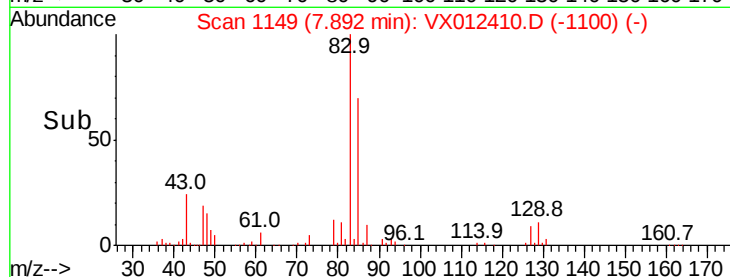
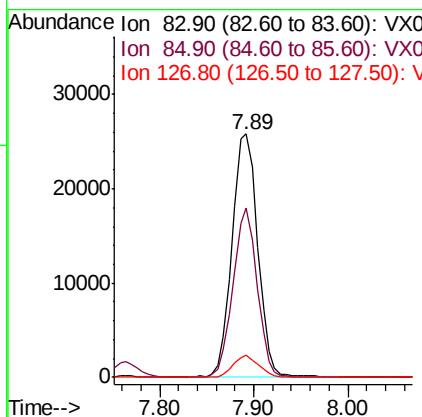
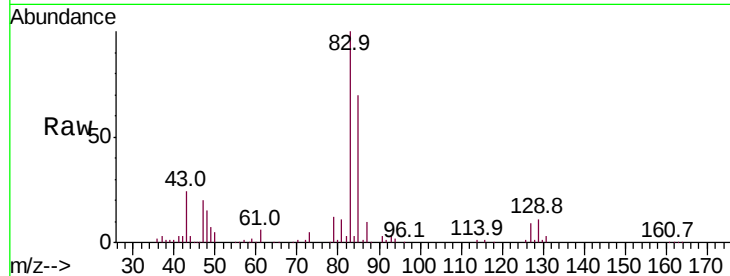
ClientSampleId :

VX0916WBS01

Tot Ion:	83	Resp:	48972
Ion	Ratio	Lower	Upper
83	100		
85	69.6	50.2	75.4
127	8.9	6.9	10.3

Manual Integrations
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#48

Methyl methacrylate

Concen: 18.946 ug/l

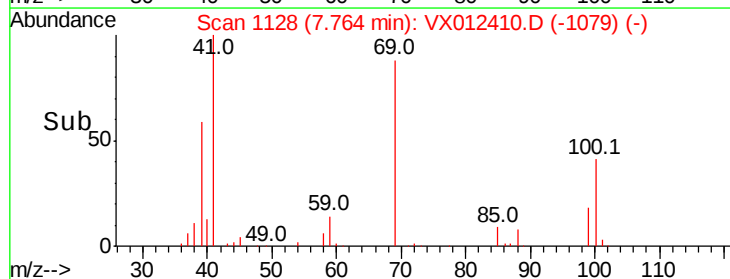
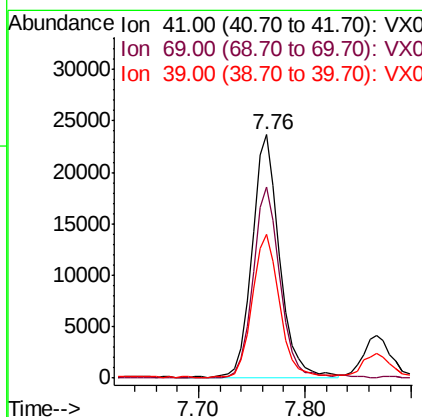
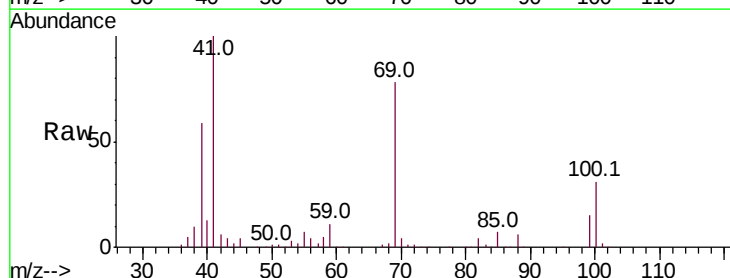
RT: 7.76 min Scan# 1128

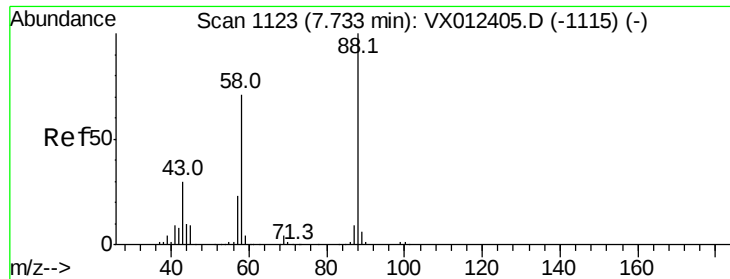
Delta R.T. 0.00 min

Lab File: VX012410.D

Acq: 16 Sep 2019 17:09

Tgt Ion:	41	Resp:	42241
Ion	Ratio	Lower	Upper
41	100		
69	77.7	61.6	92.4
39	58.8	47.6	71.4





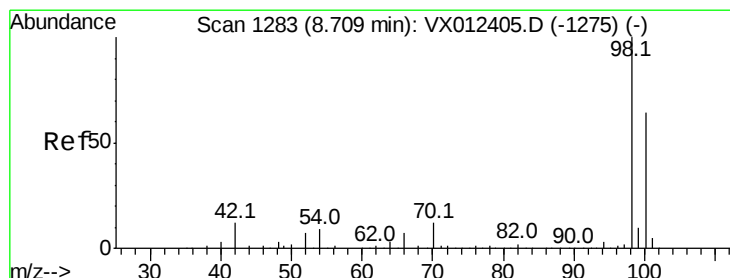
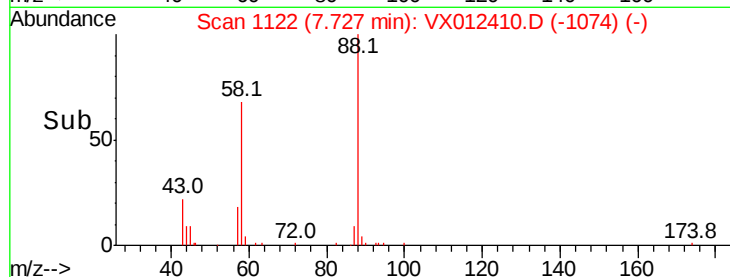
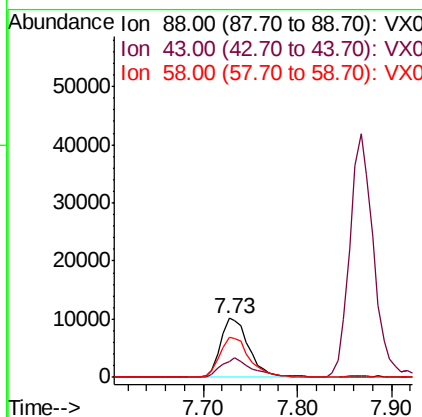
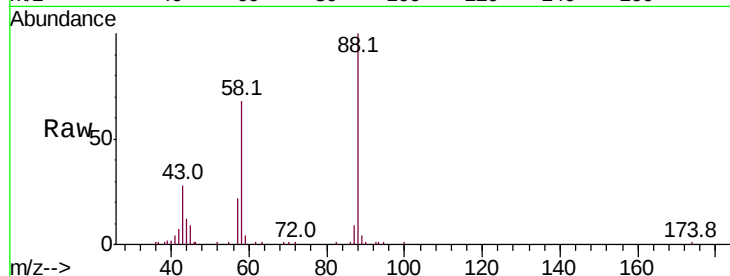
#49
1,4-Dioxane
Concen: 397.081 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX012410.D
Acq: 16 Sep 2019 17:09

Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.4	26.6	39.8
58	71.7	57.1	85.7

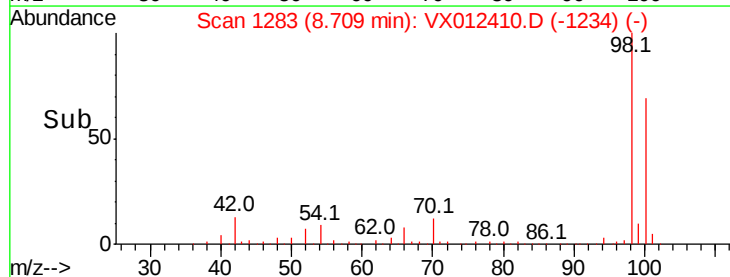
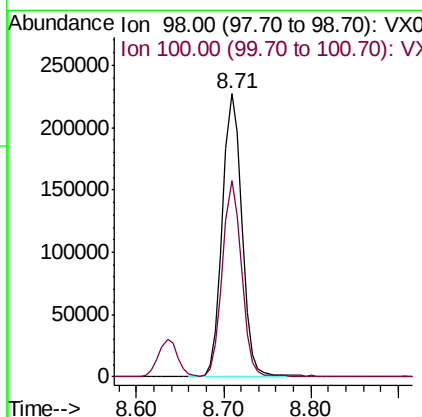
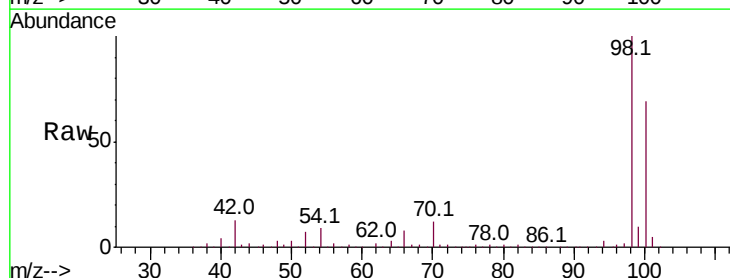
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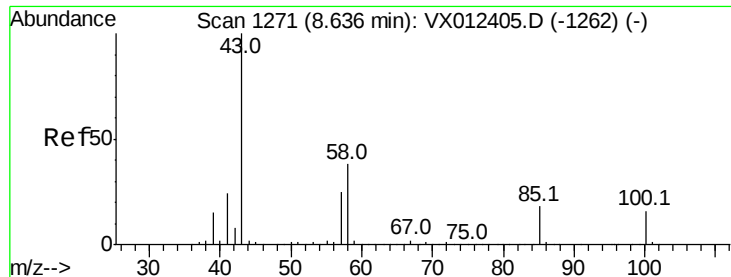
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#50
Toluene-d8
Concen: 53.062 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012410.D
Acq: 16 Sep 2019 17:09

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.6	54.4	81.6





#51

4-Methyl-2-Pentanone

Concen: 97.790 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX012410.D

Acq: 16 Sep 2019 17:09

Instrument :

MSVOA_X

ClientSampleId :

VX0916WBS01

Tot Ion: 43 Resp: 299496

Ion Ratio Lower Upper

43 100

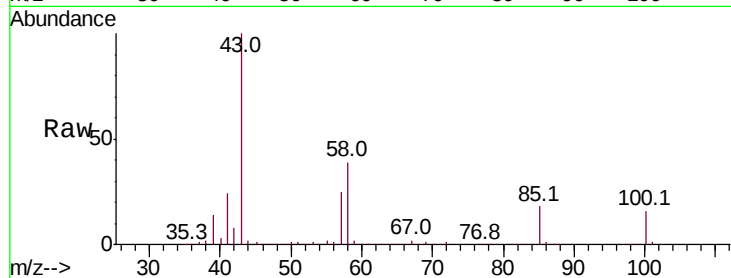
58 37.5 30.2 45.4

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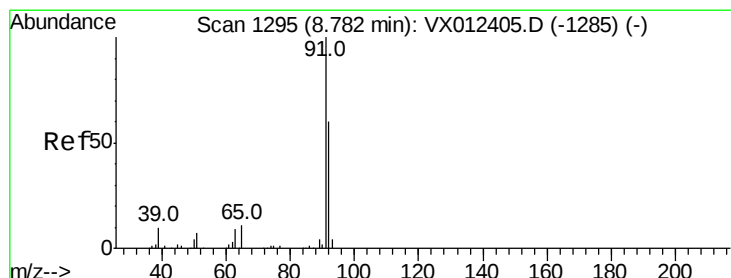
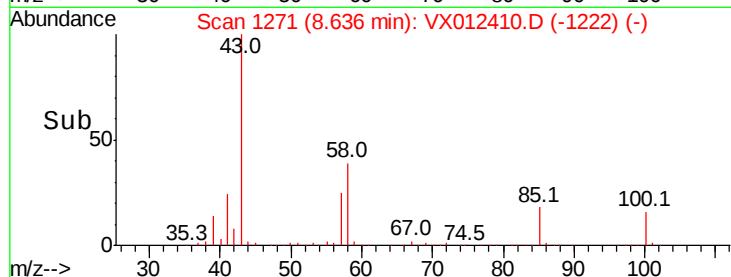
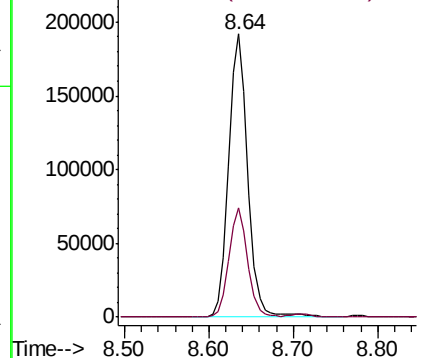
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 20.133 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VX012410.D

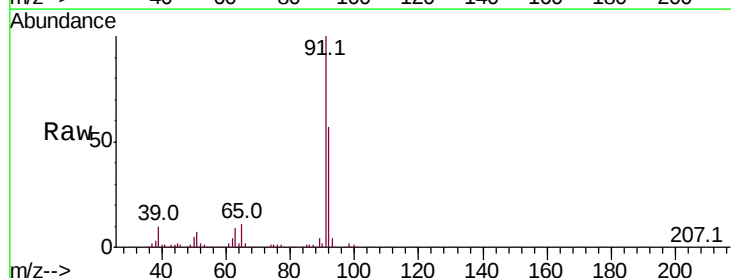
Acq: 16 Sep 2019 17:09

Tgt Ion: 92 Resp: 72254

Ion Ratio Lower Upper

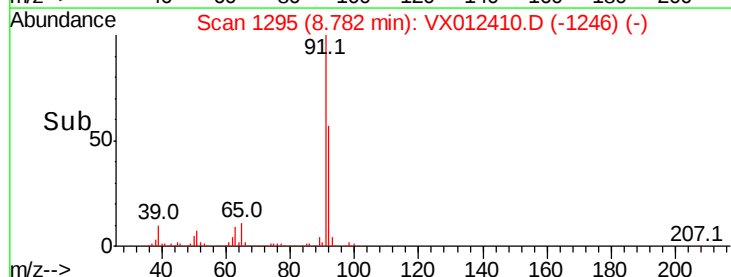
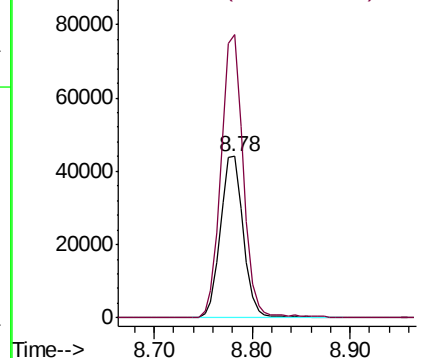
92 100

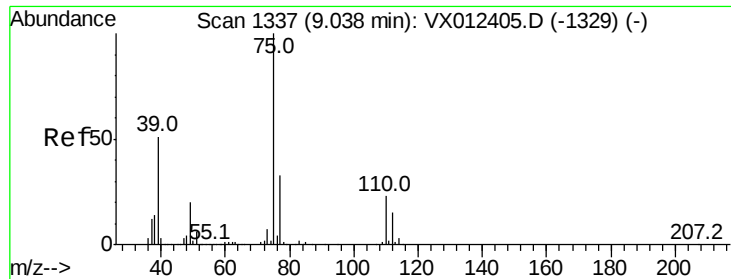
91 170.7 133.3 199.9



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





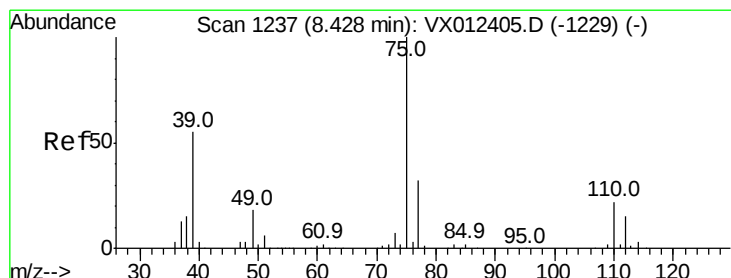
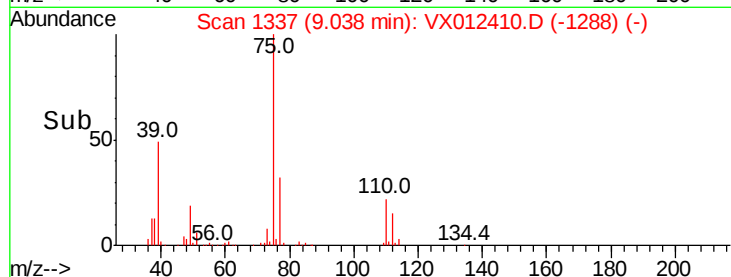
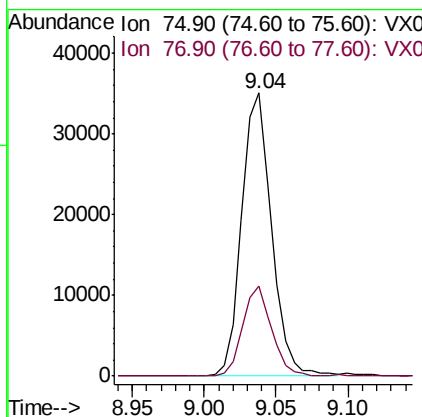
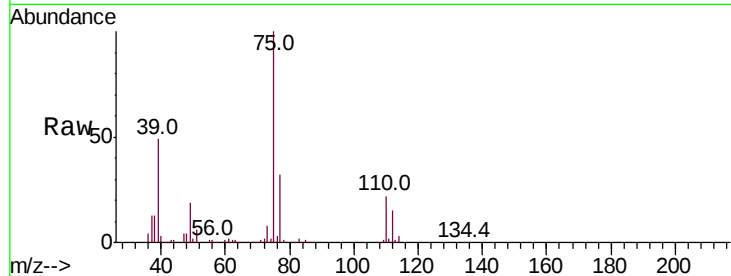
#53
t-1,3-Dichloropropene
Concen: 19.392 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. -0.00 min
Lab File: VX012410.D
Acq: 16 Sep 2019 17:09

Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS01

Tot Ion: 75 Resp: 50468
Ion Ratio Lower Upper
75 100
77 31.8 26.1 39.1

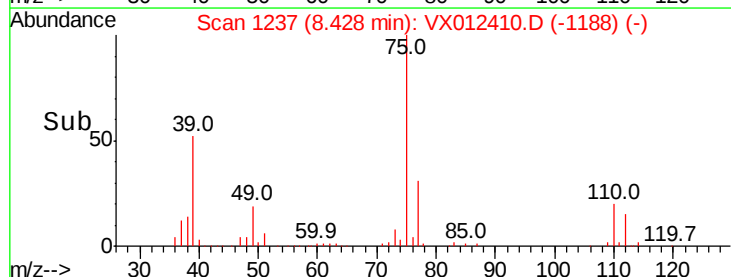
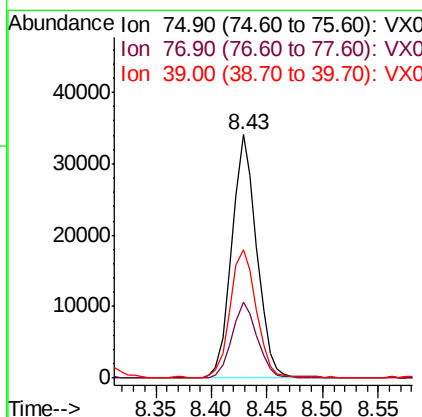
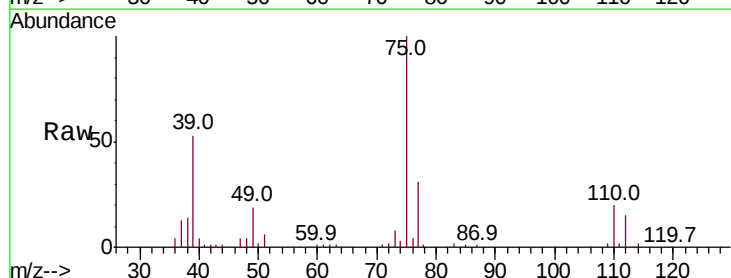
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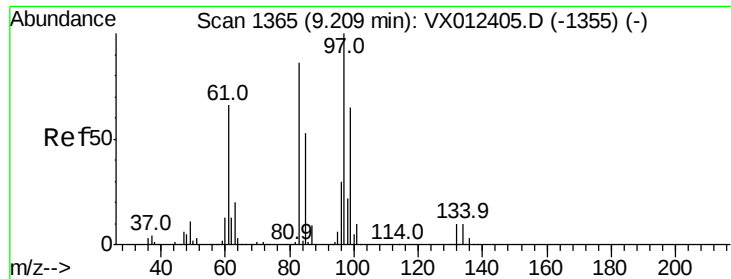
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#54
cis-1,3-Dichloropropene
Concen: 19.706 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX012410.D
Acq: 16 Sep 2019 17:09

Tgt Ion: 75 Resp: 53011
Ion Ratio Lower Upper
75 100
77 31.1 25.2 37.8
39 52.5 43.8 65.8





#55

1,1,2-Trichloroethane

Concen: 18.973 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VX012410.D

Acq: 16 Sep 2019 17:09

Instrument :

MSVOA_X

ClientSampleId :

VX0916WBS01

Tot Ion: 97 Resp: 35779

Ion Ratio Lower Upper

97 100

83 84.7 68.5 102.7

85 56.3 42.6 64.0

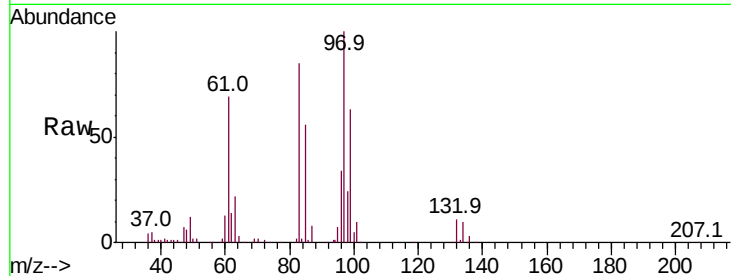
99 62.3 52.5 78.7

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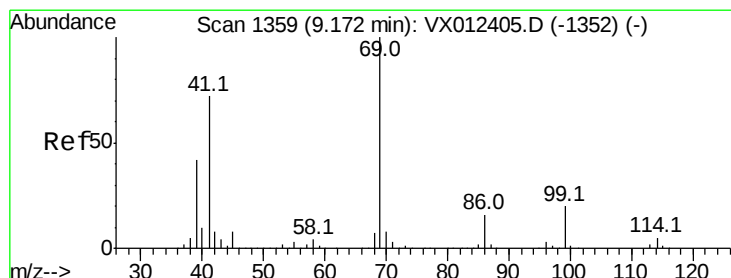
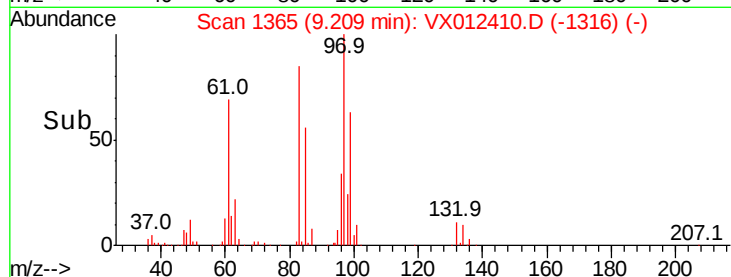
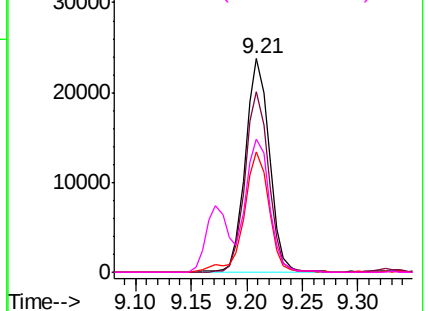


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 19.226 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. -0.00 min

Lab File: VX012410.D

Acq: 16 Sep 2019 17:09

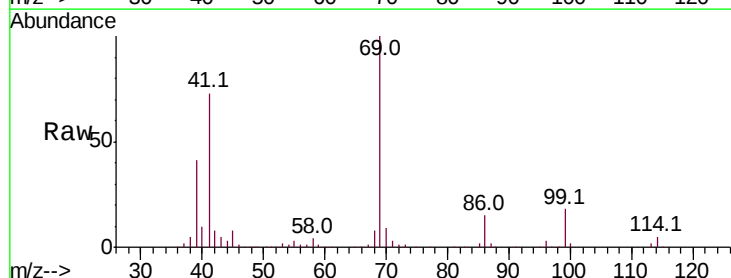
Tgt Ion: 69 Resp: 54548

Ion Ratio Lower Upper

69 100

41 73.2 57.0 85.6

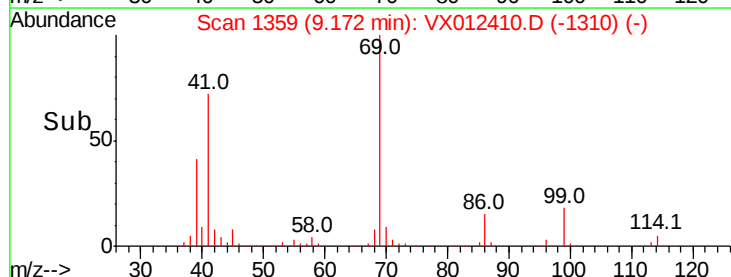
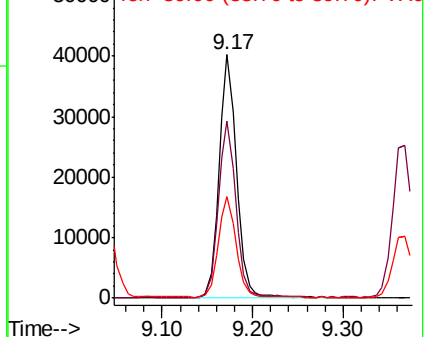
39 42.7 32.6 49.0

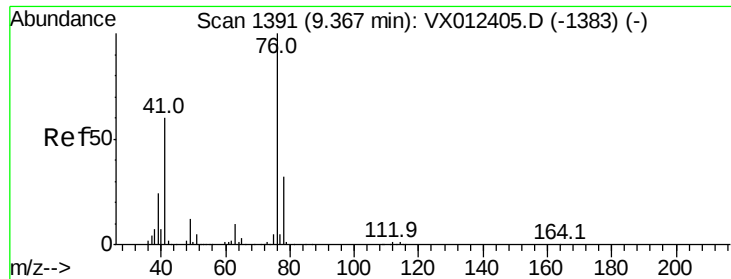


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 18.999 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX012410.D

Acq: 16 Sep 2019 17:09

Instrument :

MSVOA_X

ClientSampleId :

VX0916WBS01

Tot Ion: 76 Resp: 56912

Ion Ratio Lower Upper

76 100

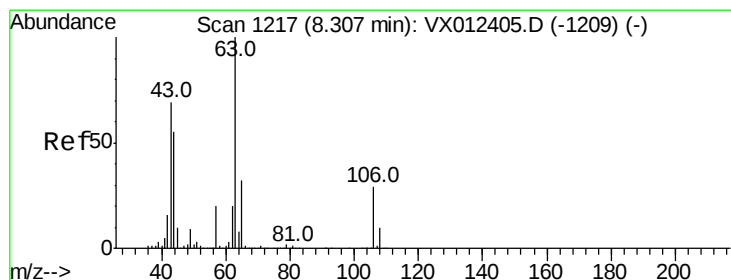
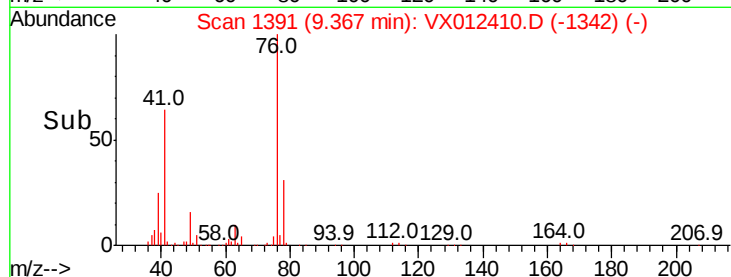
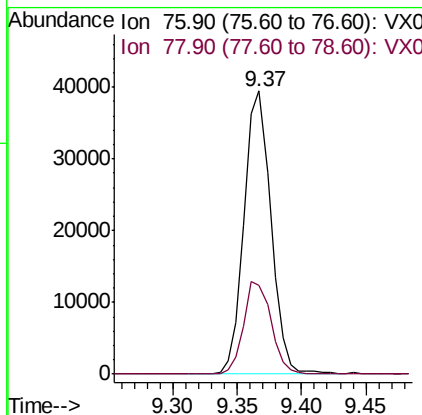
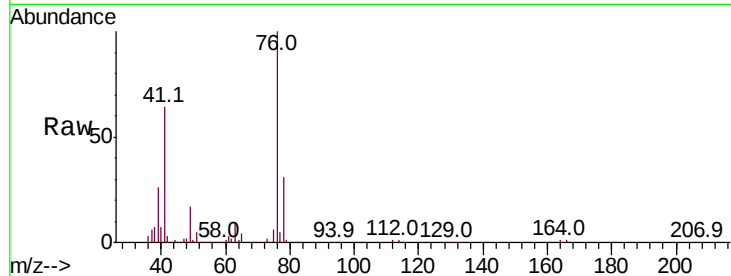
78 33.7 25.9 38.9

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#58

2-Chloroethyl Vinyl ether

Concen: 91.734 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX012410.D

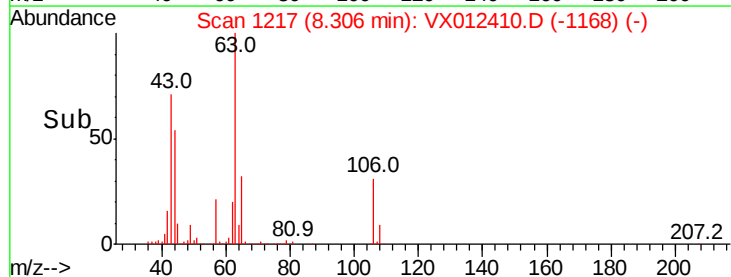
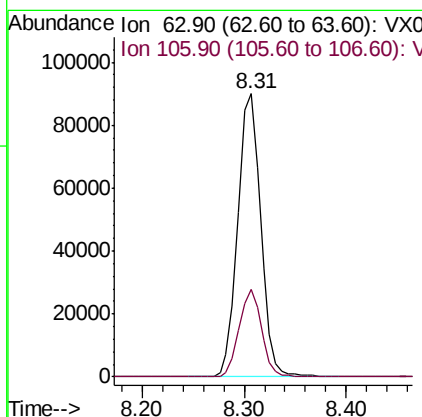
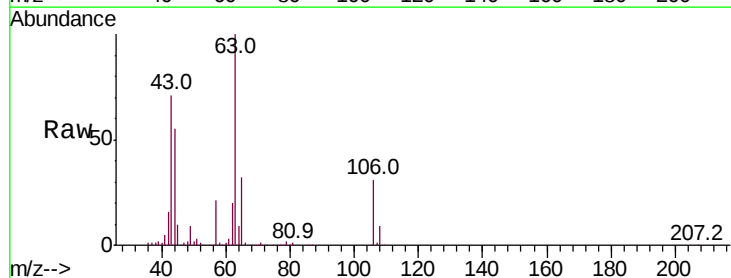
Acq: 16 Sep 2019 17:09

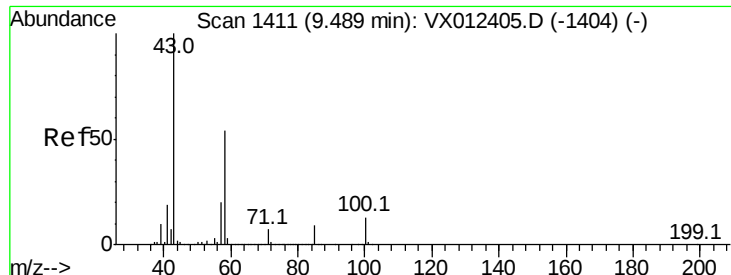
Tgt Ion: 63 Resp: 140084

Ion Ratio Lower Upper

63 100

106 30.3 23.8 35.8





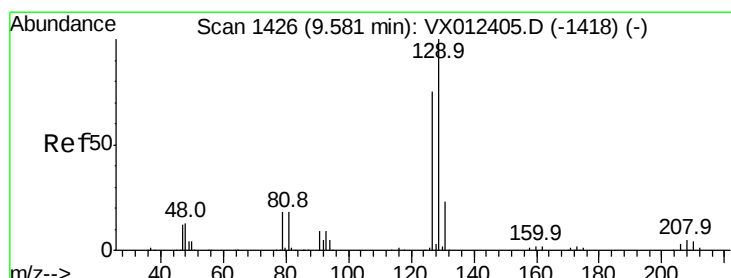
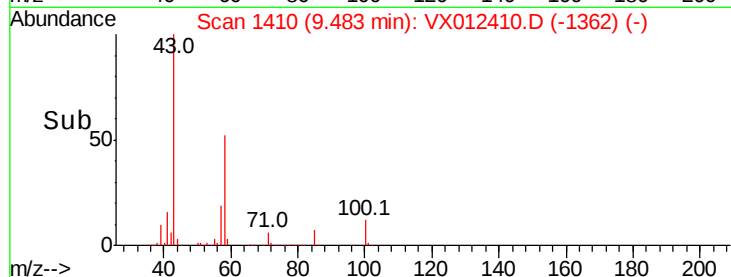
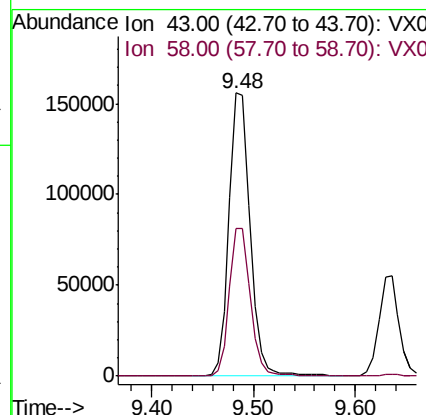
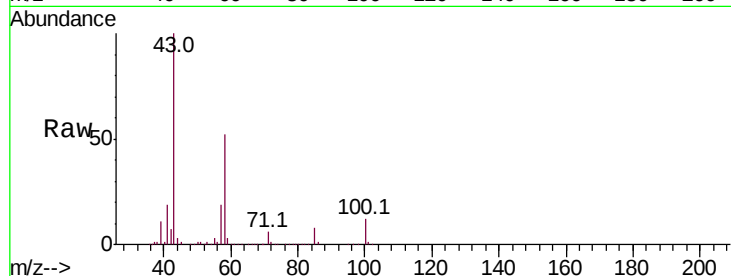
#59
2-Hexanone
Concen: 94.966 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX012410.D
Acq: 16 Sep 2019 17:09

Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS01

Tot Ion: 43 Resp: 224226
Ion Ratio Lower Upper
43 100
58 52.2 26.4 79.0

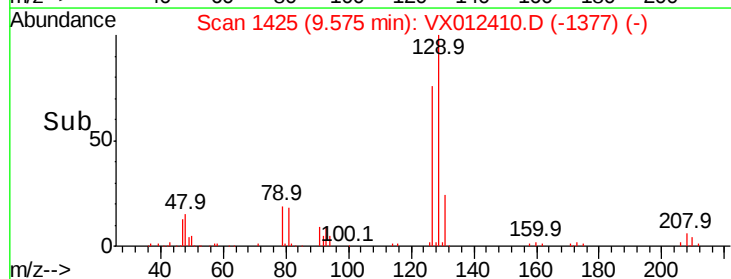
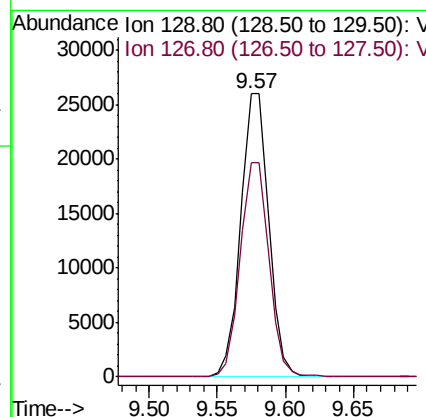
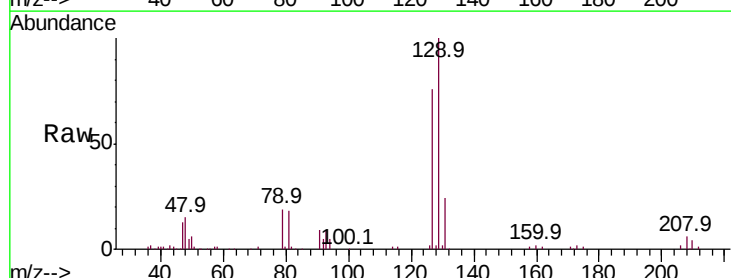
Manual Integrations
APPROVED

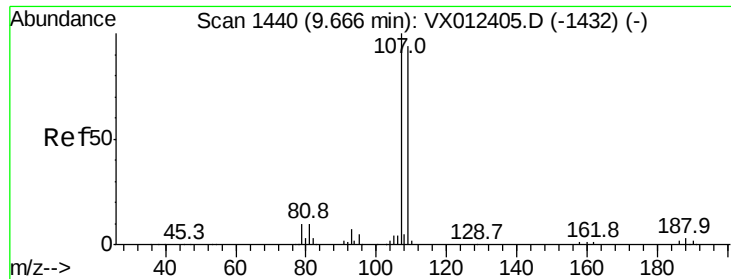
MMDadoda
9/18/2019 11:19:10 AM



#60
Dibromochloromethane
Concen: 18.463 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX012410.D
Acq: 16 Sep 2019 17:09

Tgt Ion: 129 Resp: 37510
Ion Ratio Lower Upper
129 100
127 77.3 38.1 114.3





#61

1,2-Dibromoethane

Concen: 20.114 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX012410.D

Acq: 16 Sep 2019 17:09

Instrument :

MSVOA_X

ClientSampleId :

VX0916WBS01

Tot Ion:107 Resp: 34891

Ion Ratio Lower Upper

107 100

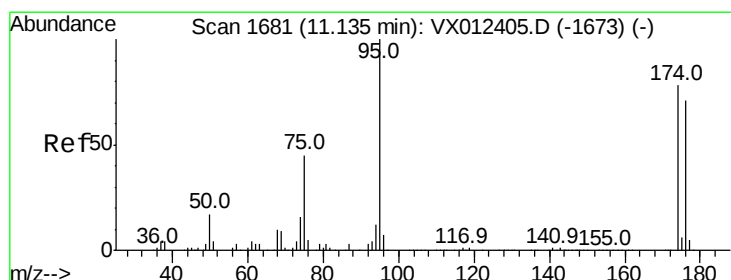
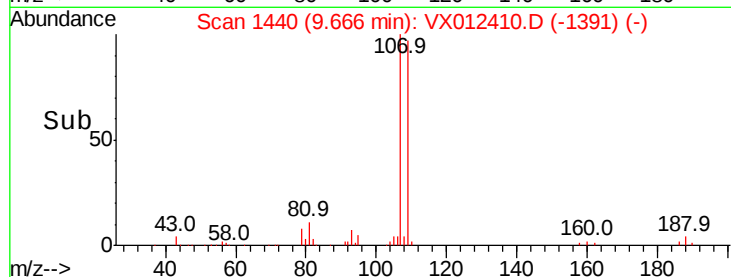
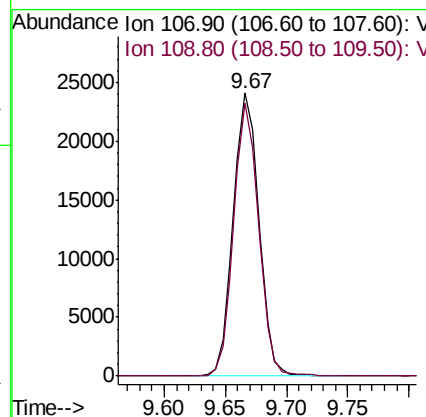
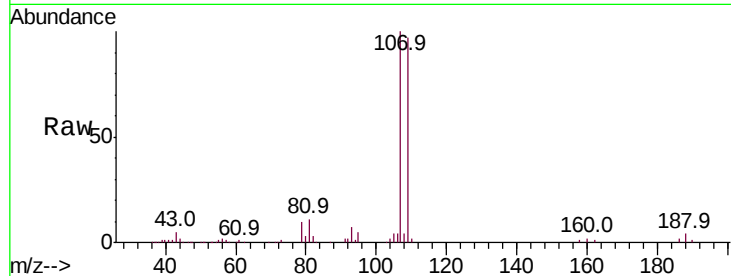
109 94.0 75.1 112.7

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 50.864 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX012410.D

Acq: 16 Sep 2019 17:09

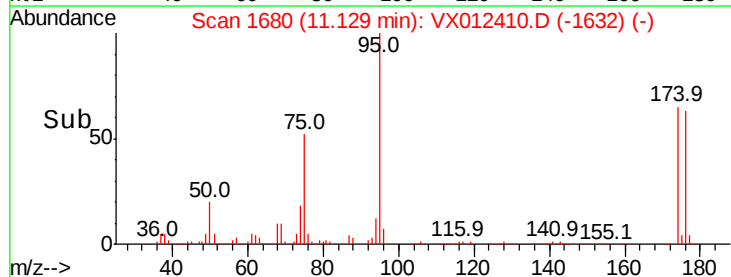
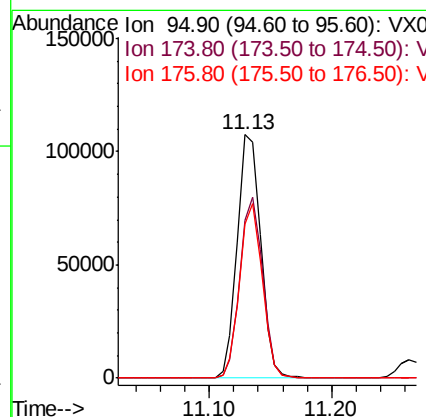
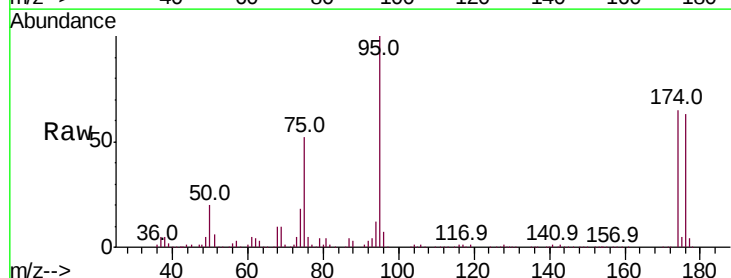
Tgt Ion: 95 Resp: 142425

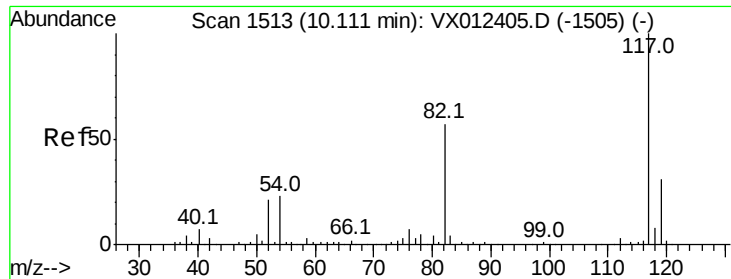
Ion Ratio Lower Upper

95 100

174 72.2 0.0 146.0

176 69.2 0.0 137.6





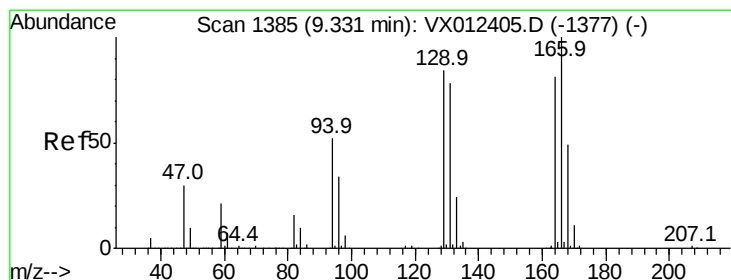
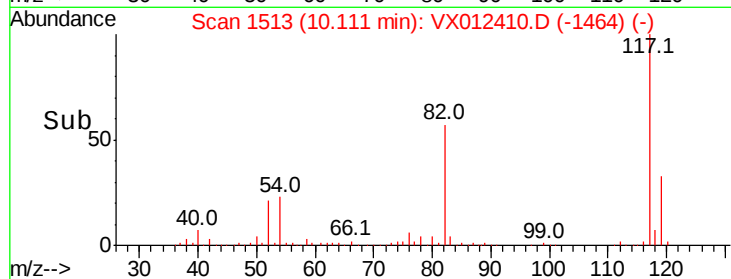
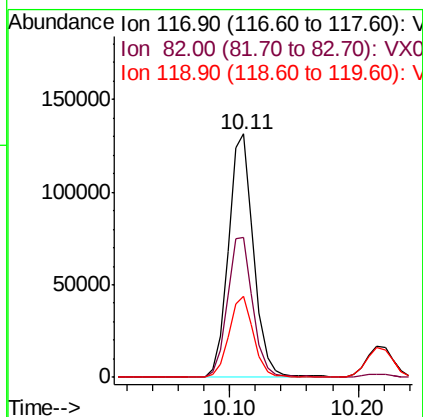
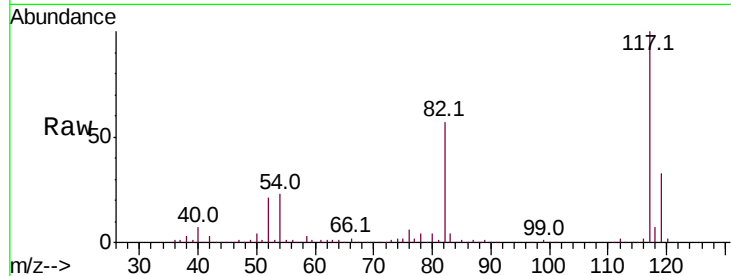
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012410.D
Acq: 16 Sep 2019 17:09

Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.4	45.8	68.6
119	33.3	24.9	37.3

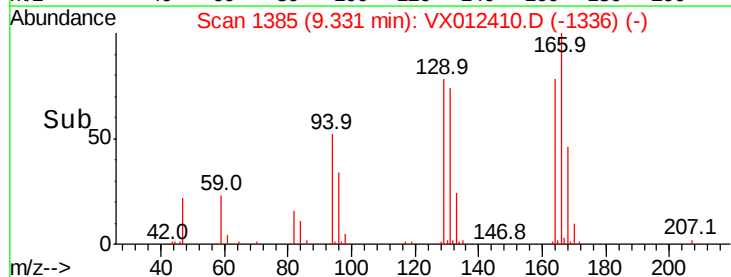
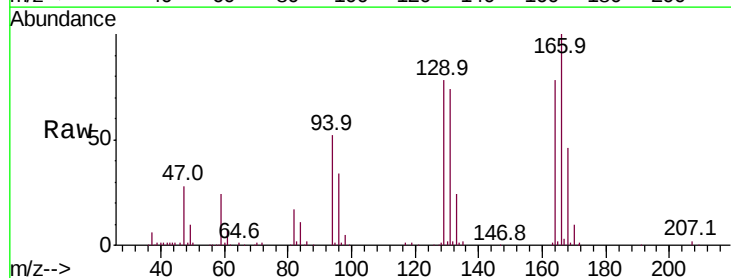
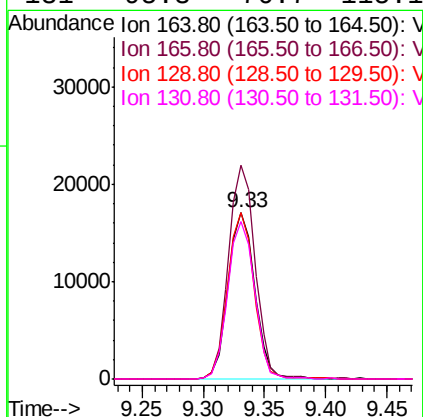
Manual Integrations
APPROVED

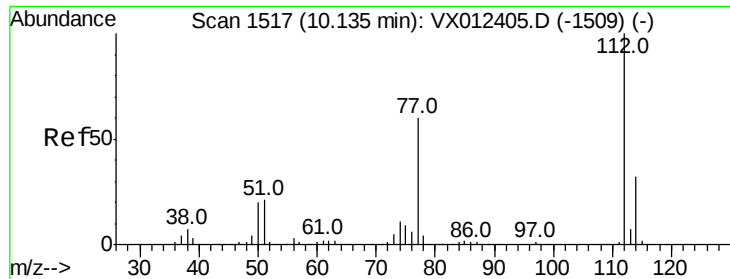
MMDadoda
9/18/2019 11:19:10 AM



#64
Tetrachloroethene
Concen: 21.583 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX012410.D
Acq: 16 Sep 2019 17:09

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.8	98.2	147.4
129	100.7	82.6	123.8
131	95.3	76.7	115.1





#65

Chlorobenzene

Concen: 20.259 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX012410.D

Acq: 16 Sep 2019 17:09

Instrument :

MSVOA_X

ClientSampleId :

VX0916WBS01

Tot Ion:112 Resp: 84973

Ion Ratio Lower Upper

112 100

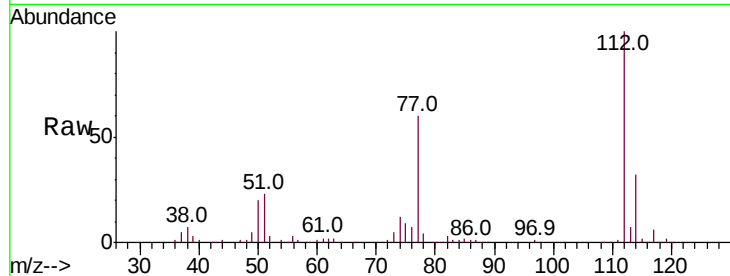
114 32.2 25.4 38.2

Manual Integrations

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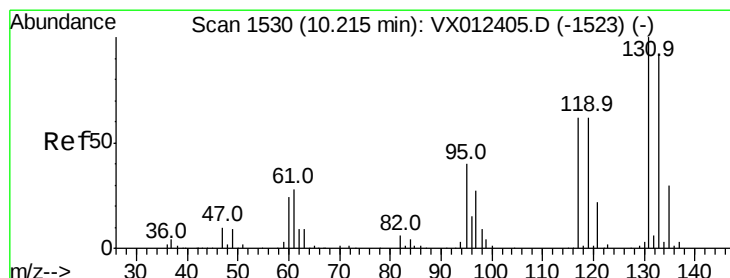
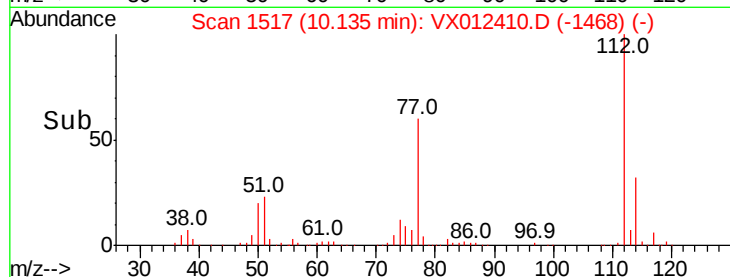
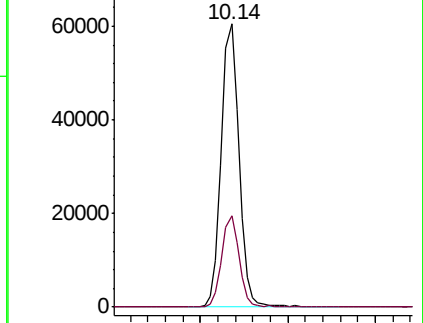
MMDadoda

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.431 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX012410.D

Acq: 16 Sep 2019 17:09

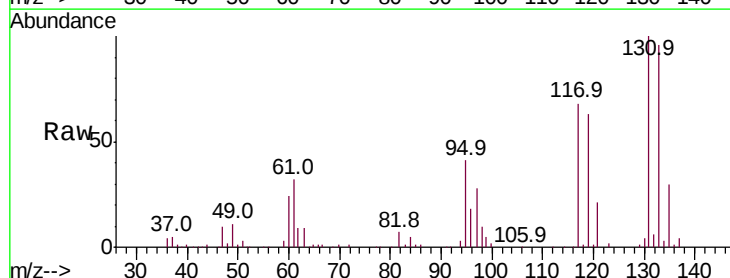
Tgt Ion:131 Resp: 36357

Ion Ratio Lower Upper

131 100

133 94.4 48.4 145.0

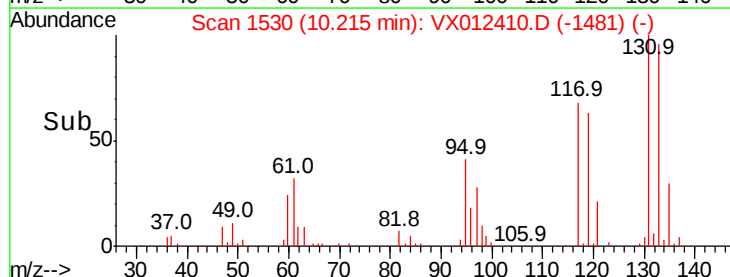
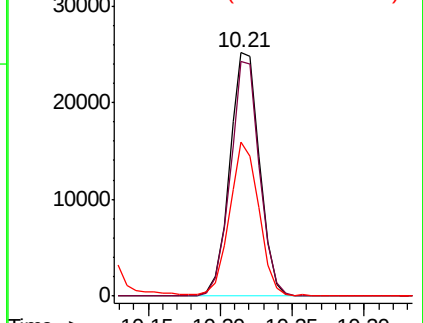
119 62.3 31.6 94.7

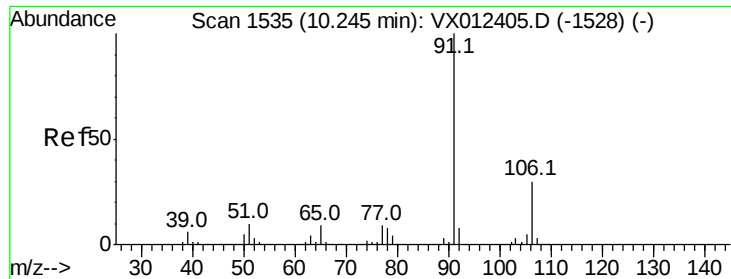


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





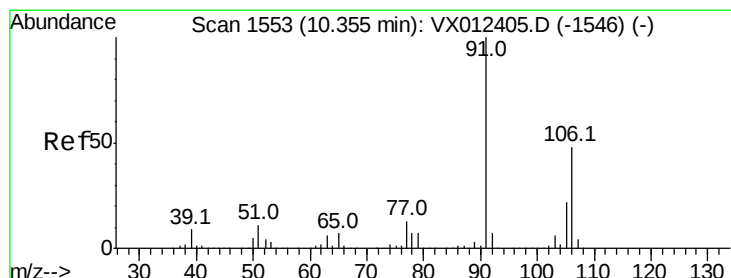
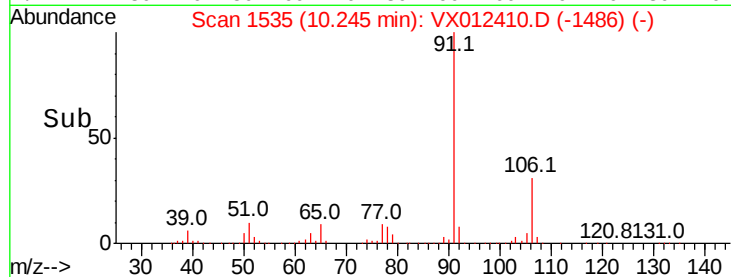
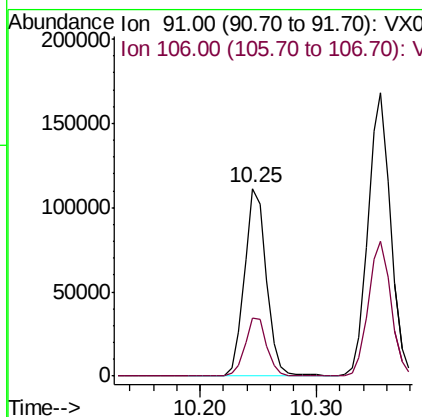
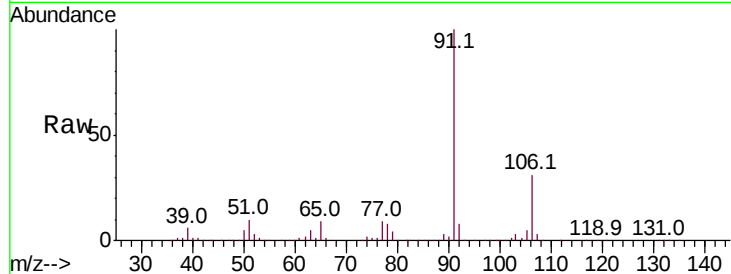
#67
Ethyl Benzene
Concen: 20.531 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX012410.D
Acq: 16 Sep 2019 17:09

Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS01

Tot Ion: 91 Resp: 146960
Ion Ratio Lower Upper
91 100
106 31.1 24.0 36.0

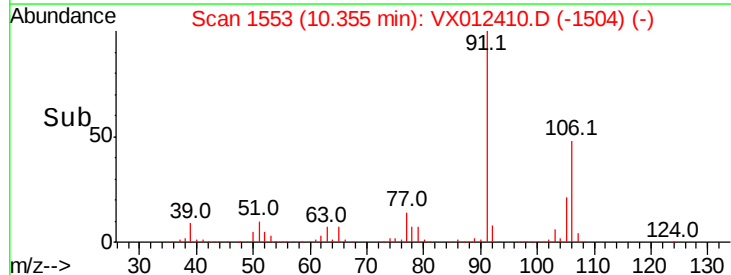
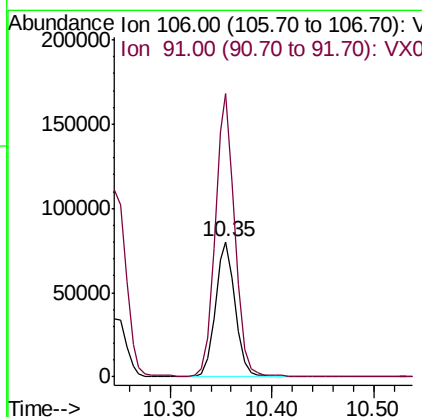
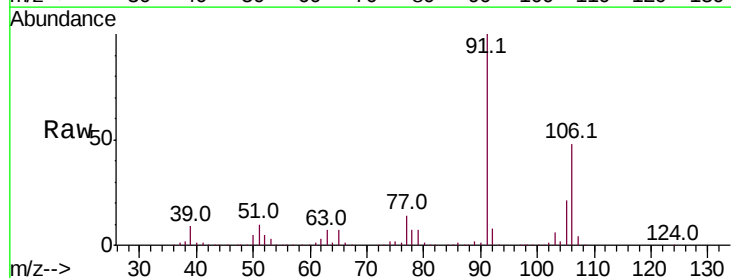
Manual Integrations
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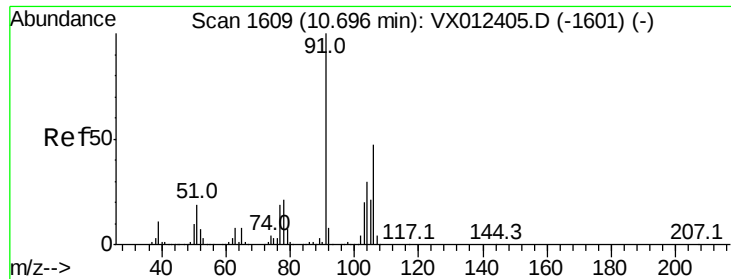
MMDadoda
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#68
m/p-Xylenes
Concen: 41.152 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX012410.D
Acq: 16 Sep 2019 17:09

Tgt Ion: 106 Resp: 108733
Ion Ratio Lower Upper
106 100
91 207.2 167.4 251.0





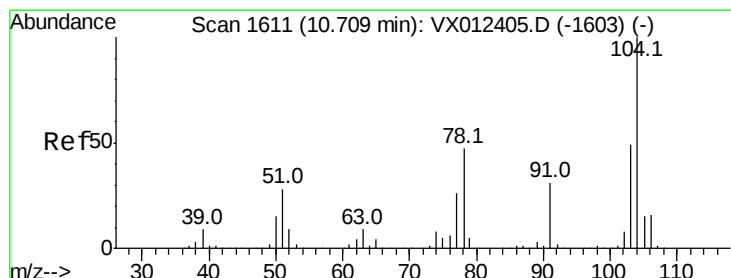
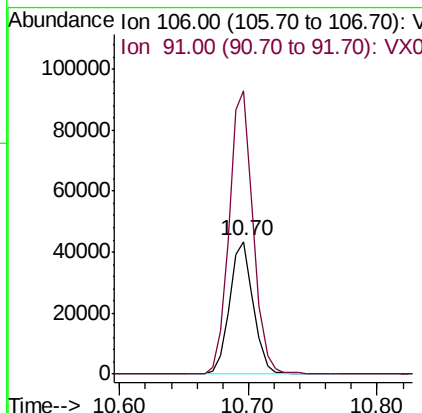
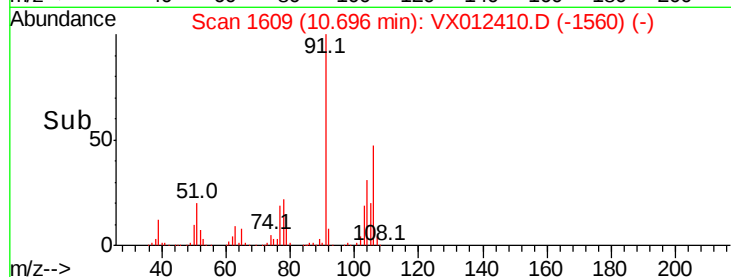
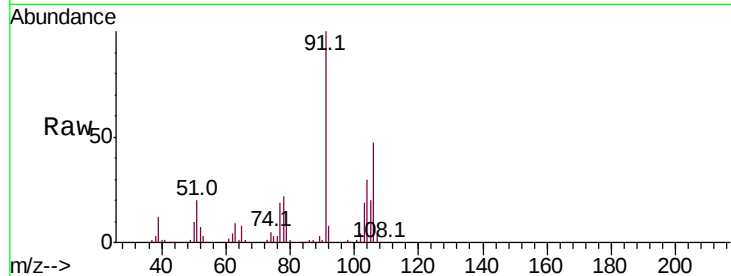
#69
o-Xylene
Concen: 20.481 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012410.D
Acq: 16 Sep 2019 17:09

Instrument :
MSVOA_X
ClientSampled :
VX0916WBS01

Tot Ion:106 Resp: 56119
Ion Ratio Lower Upper
106 100
91 215.6 107.8 323.6

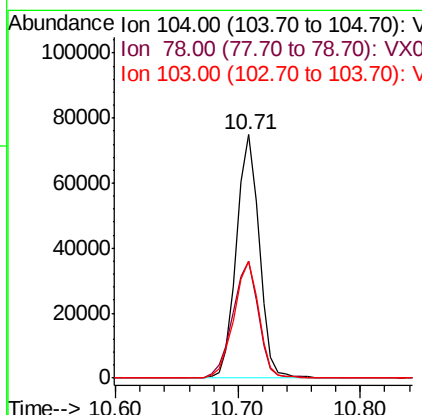
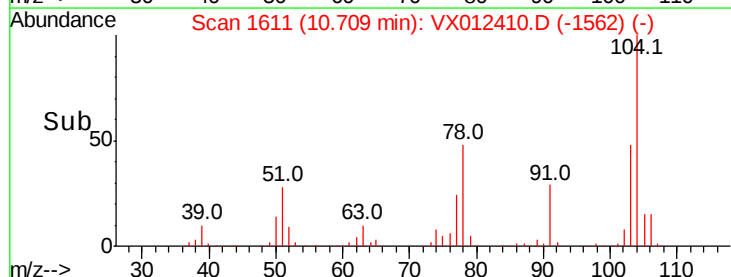
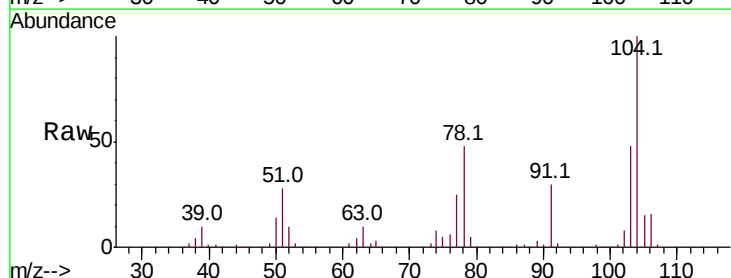
Manual Integrations
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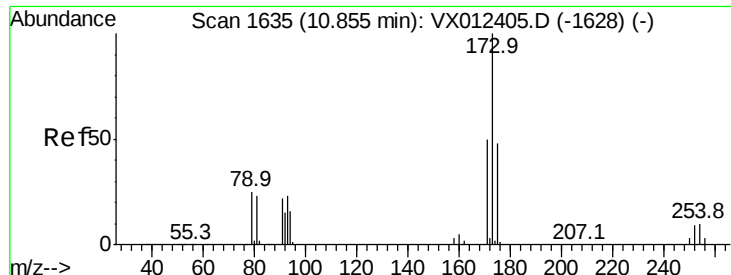
MMDadoda
9/18/2019 11:19:10 AM



#70
Styrene
Concen: 20.290 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX012410.D
Acq: 16 Sep 2019 17:09

Tgt Ion:104 Resp: 96461
Ion Ratio Lower Upper
104 100
78 53.8 42.3 63.5
103 52.5 42.9 64.3





#71

Bromoform

Concen: 18.370 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX012410.D

Acq: 16 Sep 2019 17:09

Instrument :

MSVOA_X

ClientSampleId :

VX0916WBS01

Tot Ion:173 Resp: 26465

Ion Ratio Lower Upper

173 100

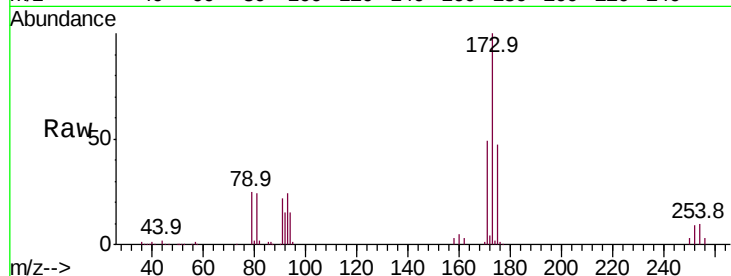
175 47.9 24.3 73.0

254 0.0 0.1 0.1#

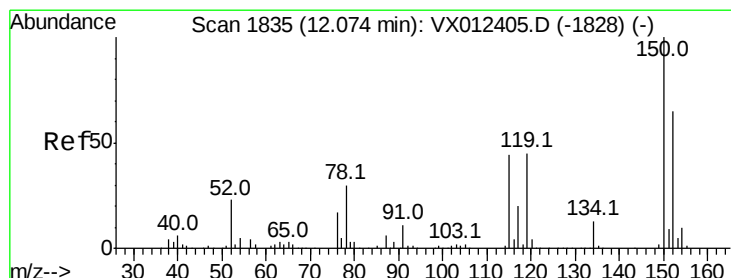
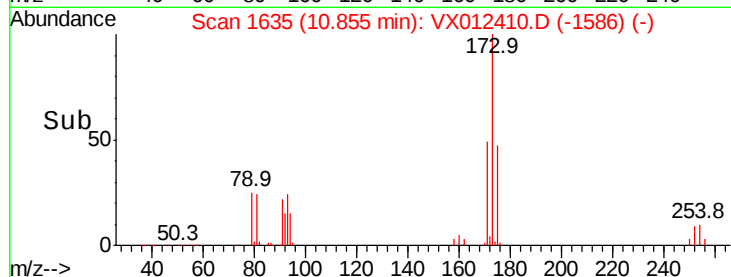
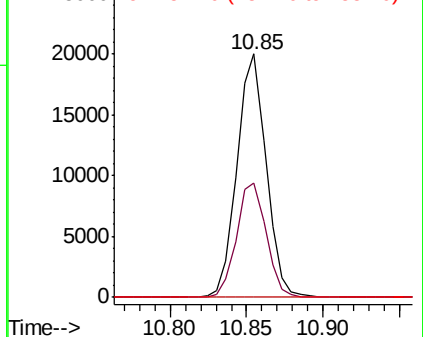
Manual Integrations
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX012410.D

Acq: 16 Sep 2019 17:09

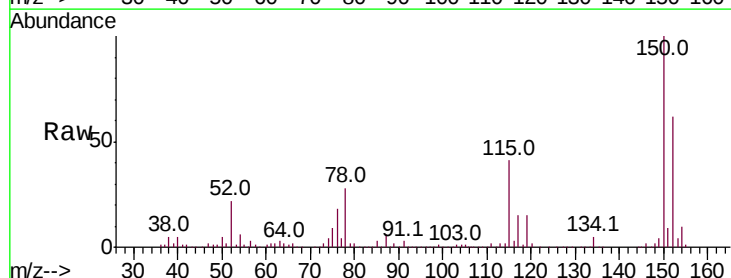
Tgt Ion:152 Resp: 110352

Ion Ratio Lower Upper

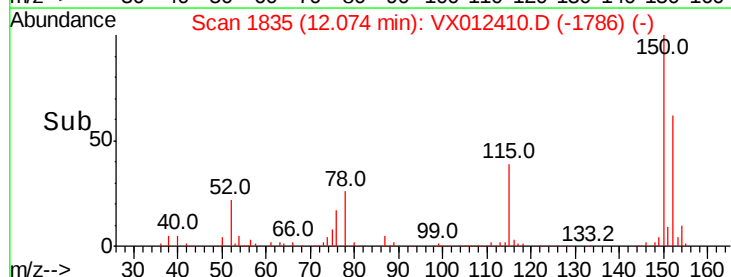
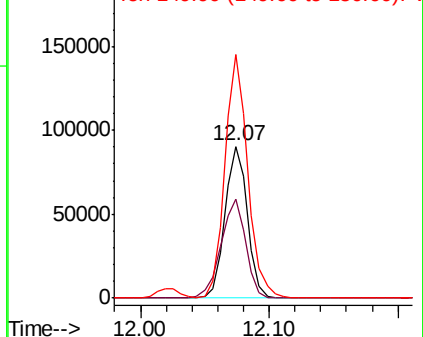
152 100

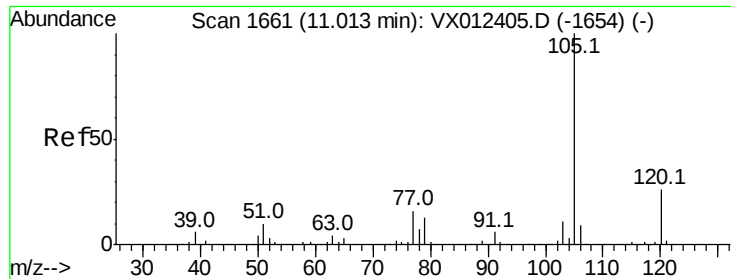
115 72.6 45.3 135.9

150 164.3 0.0 354.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





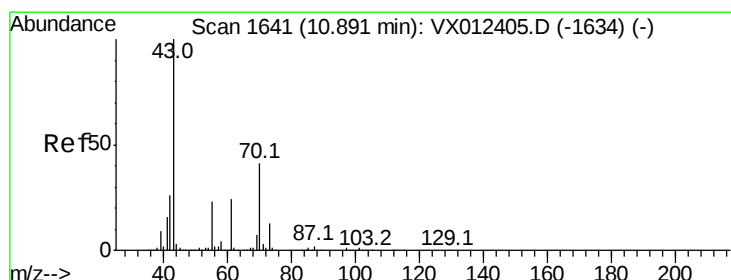
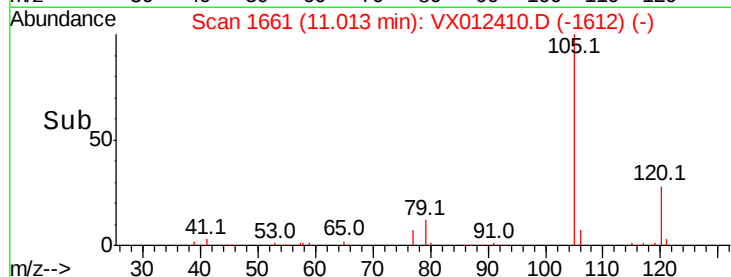
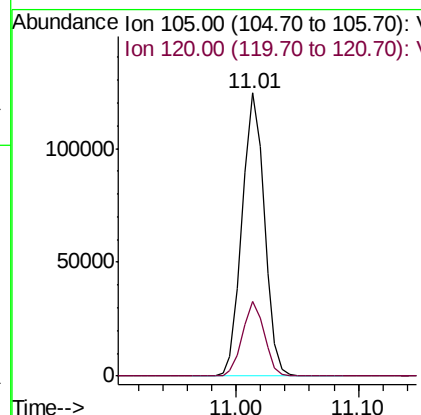
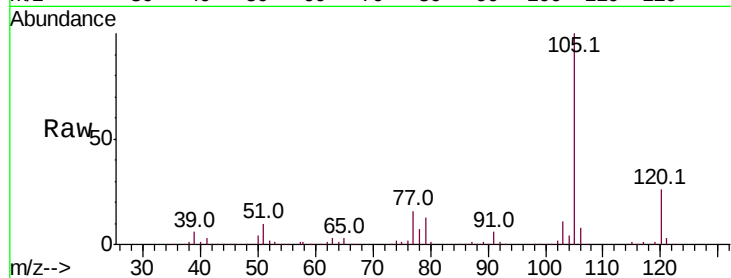
#73
Isopropylbenzene
Concen: 20.441 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX012410.D
Acq: 16 Sep 2019 17:09

Instrument :
MSVOA_X
ClientSampled :
VX0916WBS01

Tot Ion: 105 Resp: 156713
Ion Ratio Lower Upper
105 100
120 25.8 13.2 39.6

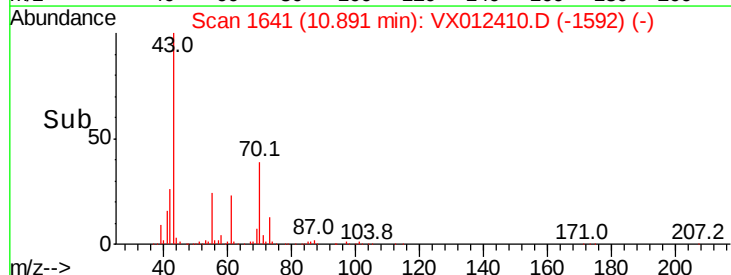
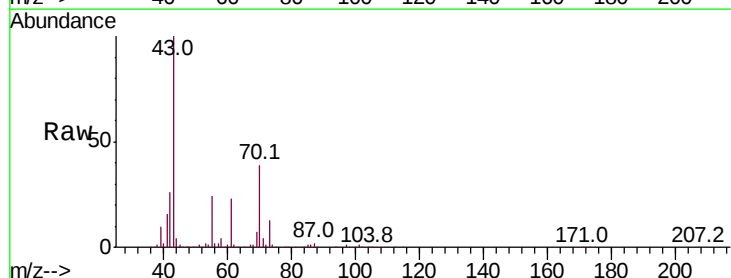
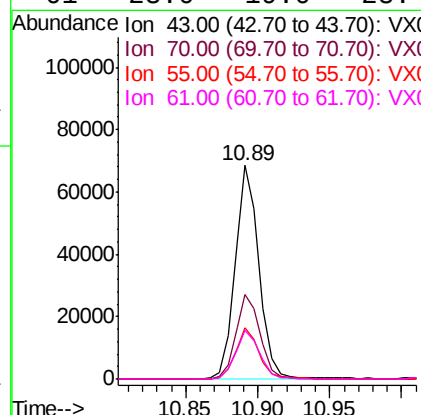
Manual Integrations
APPROVED

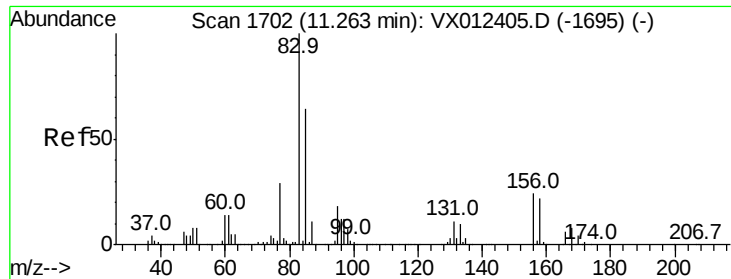
MMDadoda
9/18/2019 11:19:10 AM



#74
N-ethyl acetate
Concen: 19.543 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. 0.00 min
Lab File: VX012410.D
Acq: 16 Sep 2019 17:09

Tgt Ion: 43 Resp: 79421
Ion Ratio Lower Upper
43 100
70 40.6 32.7 49.1
55 24.1 18.9 28.3
61 23.0 19.0 28.4





#75

1,1,2,2-Tetrachloroethane

Concen: 19.381 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX012410.D

Acq: 16 Sep 2019 17:09

Instrument :

MSVOA_X

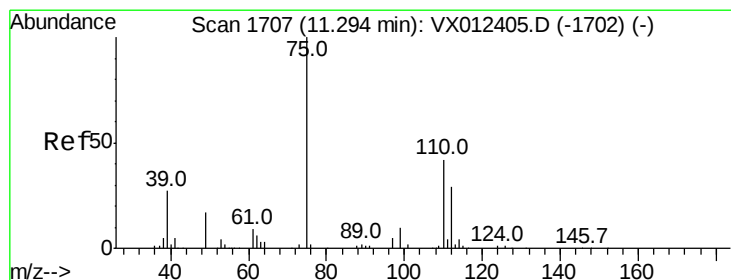
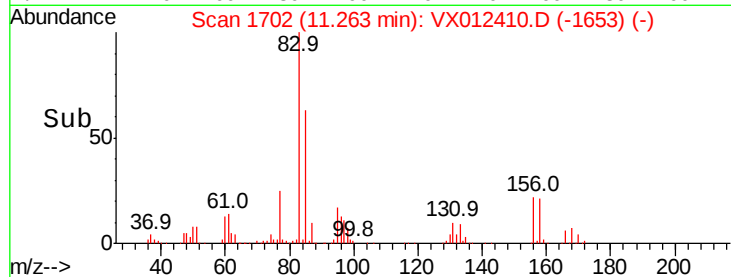
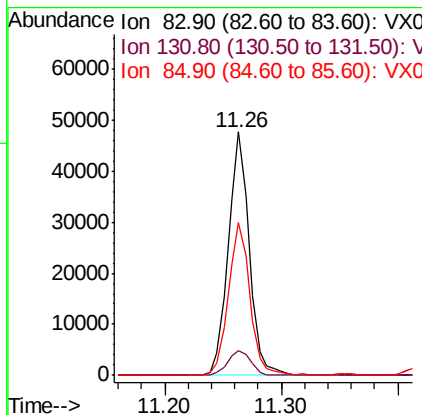
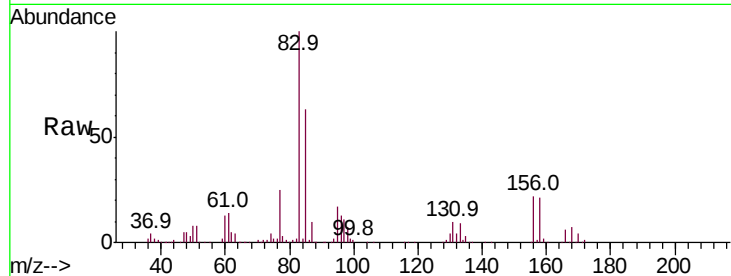
ClientSampled :

VX0916WBS01

Tot Ion:	83	Resp:	59584
Ion Ratio	Lower	Upper	
83	100		
131	11.1	5.5	16.4
85	64.6	32.9	98.7

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#76

1,2,3-Trichloropropane

Concen: 20.087 ug/l m

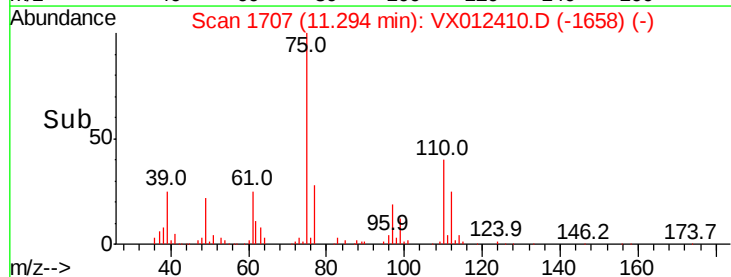
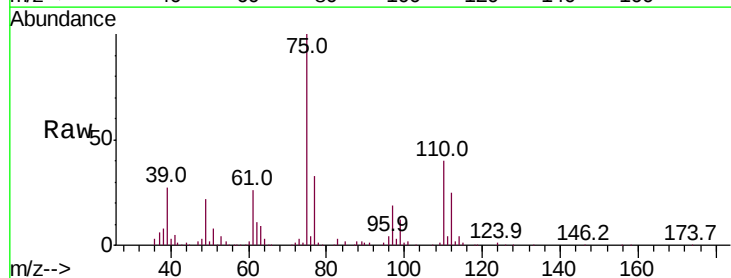
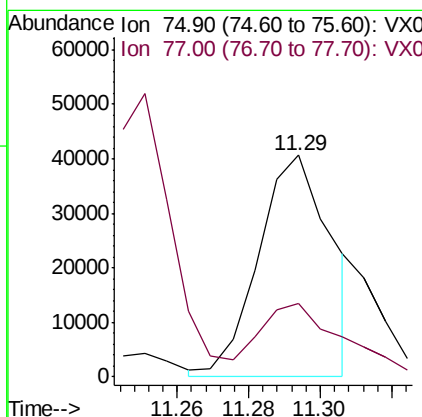
RT: 11.29 min Scan# 1707

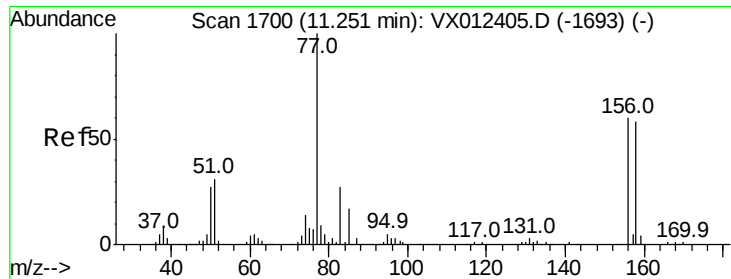
Delta R.T. 0.00 min

Lab File: VX012410.D

Acq: 16 Sep 2019 17:09

Tgt Ion:	75	Resp:	57302
Ion Ratio	Lower	Upper	
75	100		
77	38.2	19.4	58.2





#77

Bromobenzene

Concen: 19.651 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX012410.D

Acq: 16 Sep 2019 17:09

Instrument :

MSVOA_X

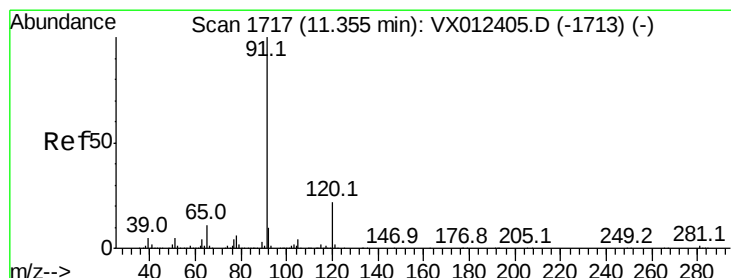
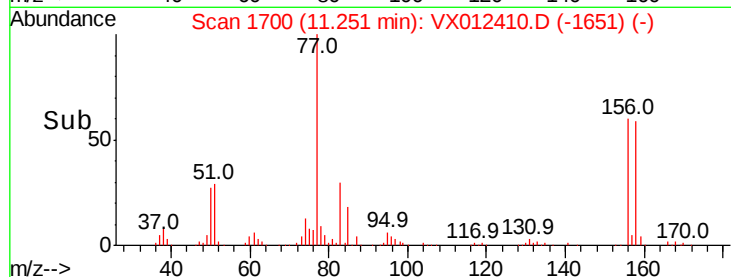
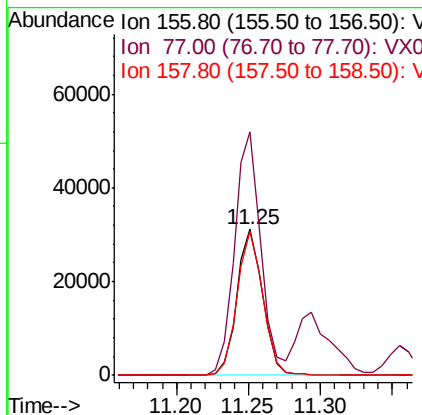
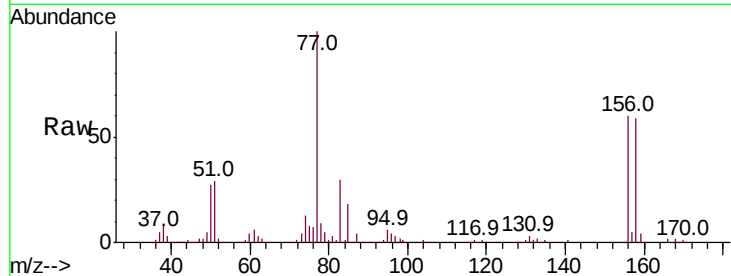
ClientSampleId :

VX0916WBS01

Tot Ion:	156	Resp:	38792
Ion	Ratio	Lower	Upper
156	100		
77	170.9	84.8	254.3
158	98.9	47.9	143.6

Manual Integrations
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#78

n-propylbenzene

Concen: 20.336 ug/l

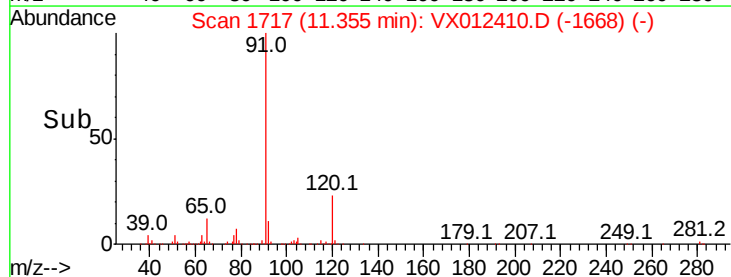
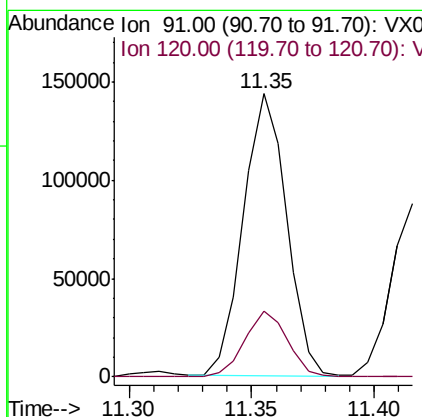
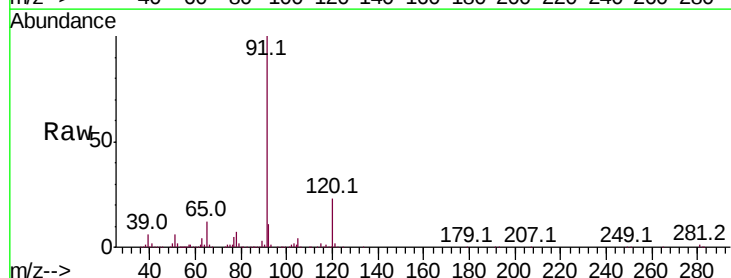
RT: 11.35 min Scan# 1717

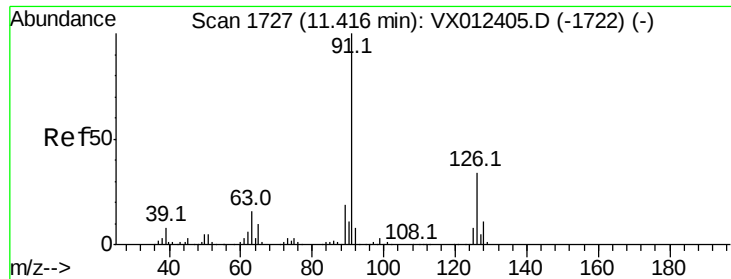
Delta R.T. -0.00 min

Lab File: VX012410.D

Acq: 16 Sep 2019 17:09

Tgt Ion:	91	Resp:	176199
Ion	Ratio	Lower	Upper
91	100		
120	23.3	11.5	34.4





#79

2-Chlorotoluene

Concen: 20.028 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX012410.D

Acq: 16 Sep 2019 17:09

Instrument :

MSVOA_X

ClientSampleId :

VX0916WBS01

Tot Ion: 91 Resp: 111401

Ion Ratio Lower Upper

91 100

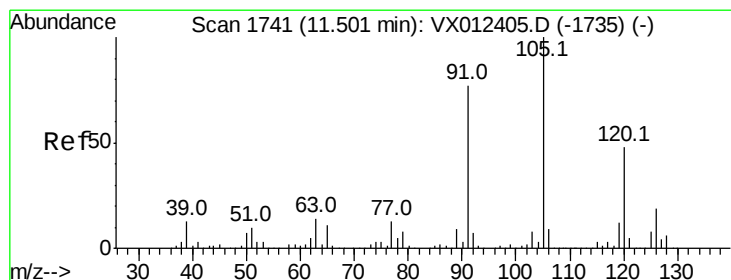
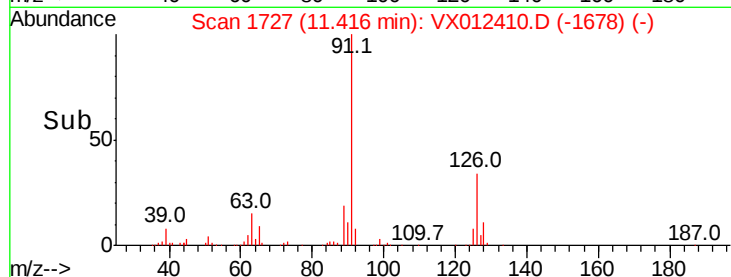
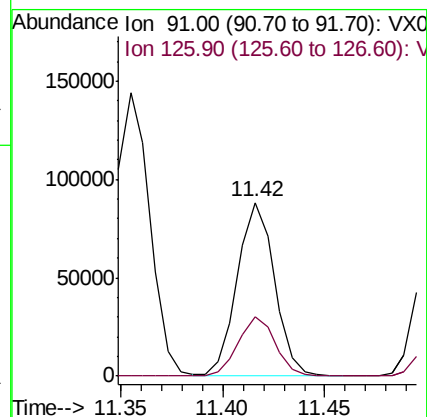
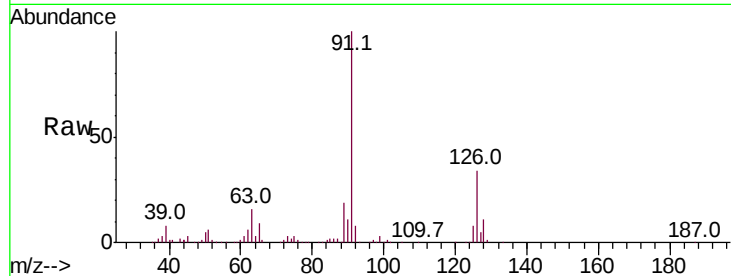
126 34.2 16.4 49.2

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#80

1,3,5-Trimethylbenzene

Concen: 20.757 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX012410.D

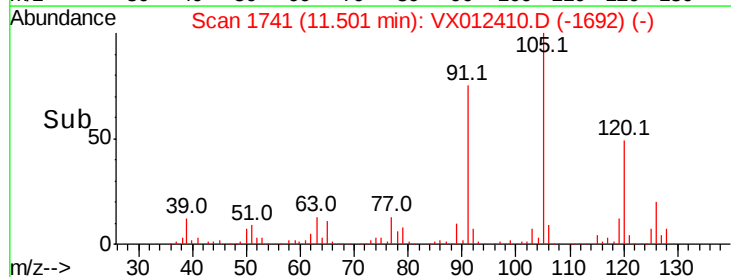
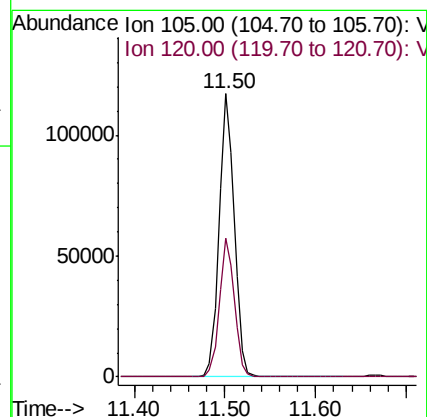
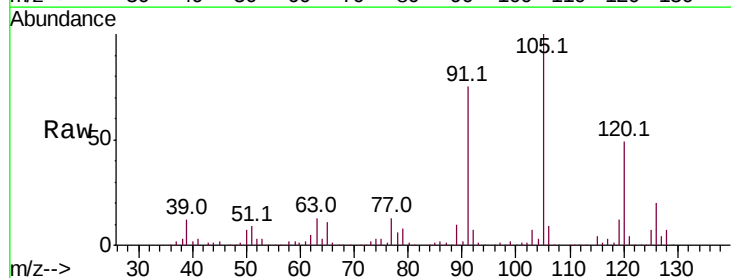
Acq: 16 Sep 2019 17:09

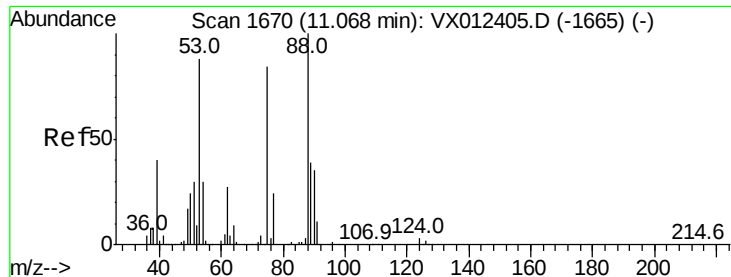
Tgt Ion: 105 Resp: 138572

Ion Ratio Lower Upper

105 100

120 48.2 24.3 72.9





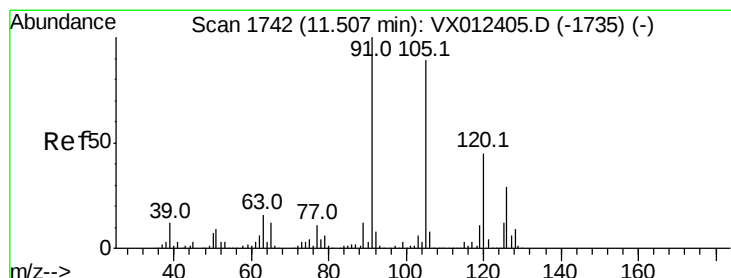
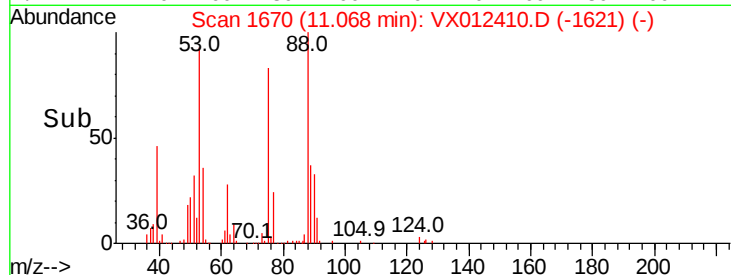
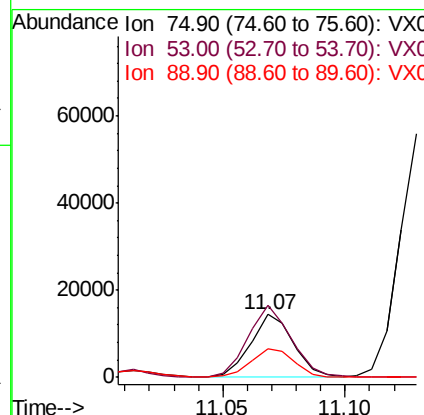
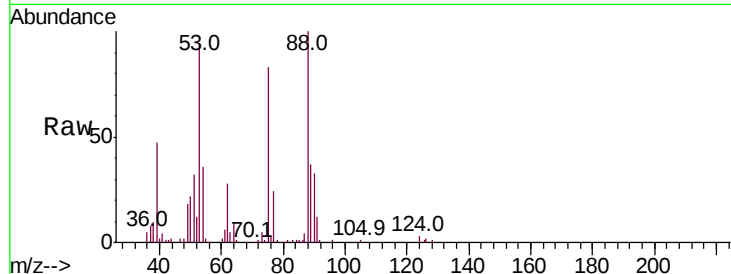
#81
trans-1,4-Dichloro-2-butene
Concen: 17.384 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX012410.D
Acq: 16 Sep 2019 17:09

Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	113.3	84.6	127.0
89	46.0	38.8	58.2

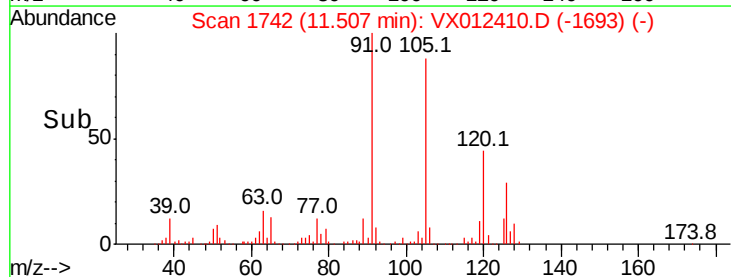
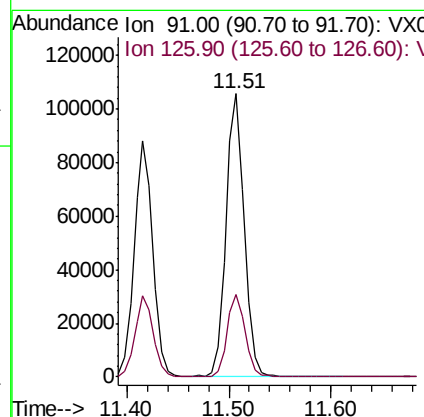
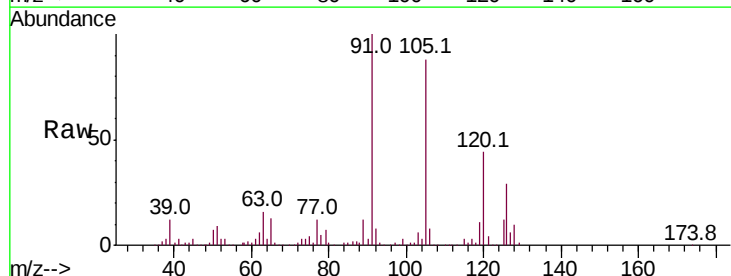
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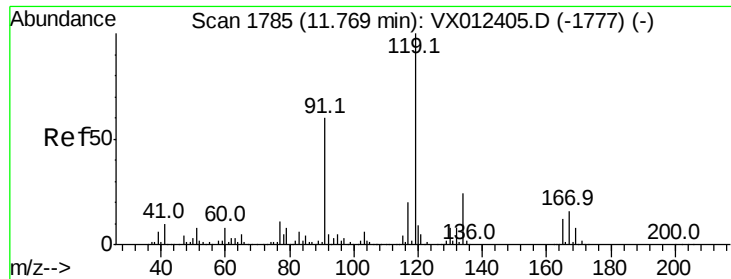
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#82
4-Chlorotoluene
Concen: 20.214 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX012410.D
Acq: 16 Sep 2019 17:09

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.0	14.1	42.3





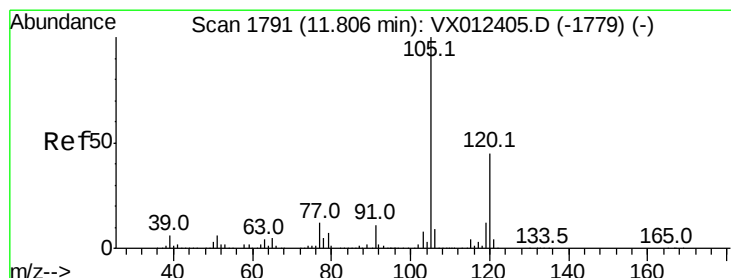
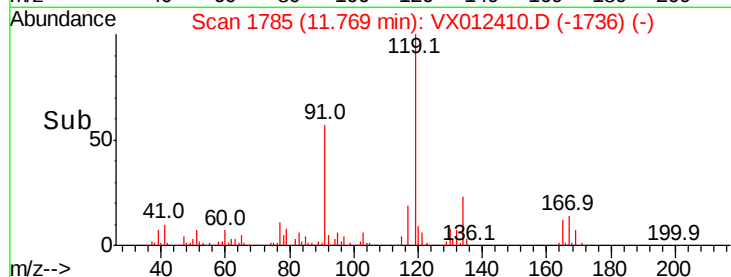
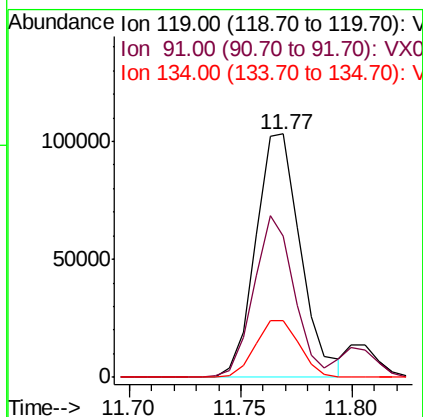
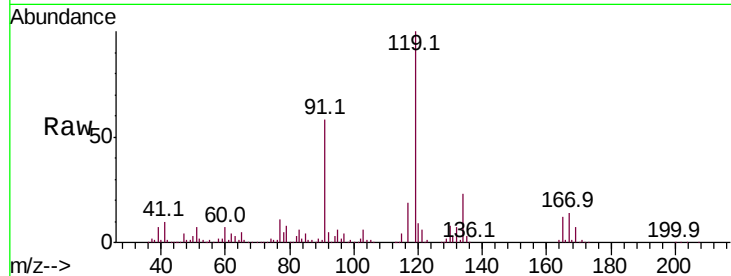
#83
tert-Butylbenzene
Concen: 20.487 ug/l
RT: 11.77 min Scan# 1785
Delta R.T. -0.00 min
Lab File: VX012410.D
Acq: 16 Sep 2019 17:09

Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	145075		
91	59.4	29.6	88.8	
134	22.9	11.4	34.1	

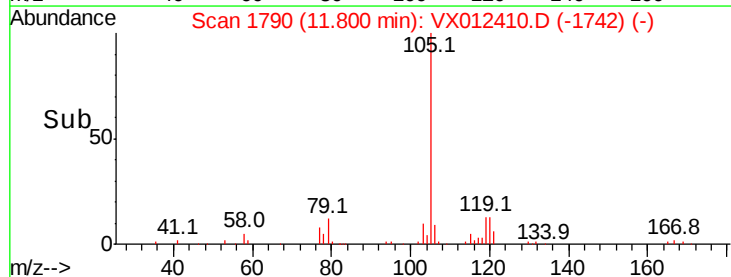
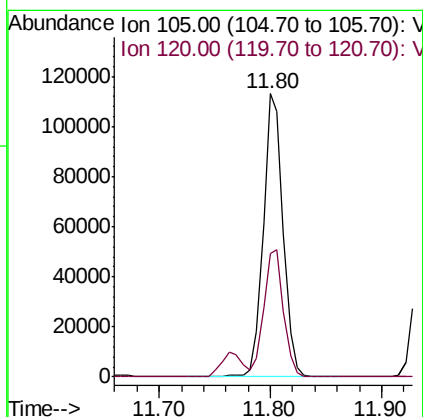
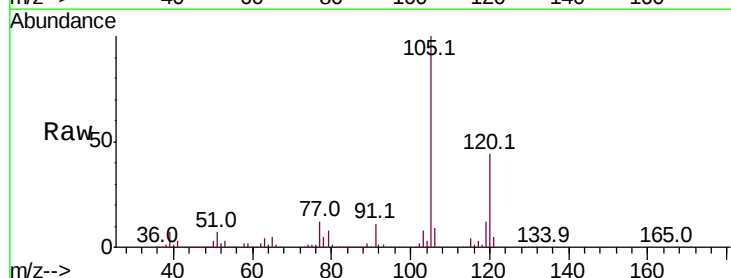
Manual Integrations
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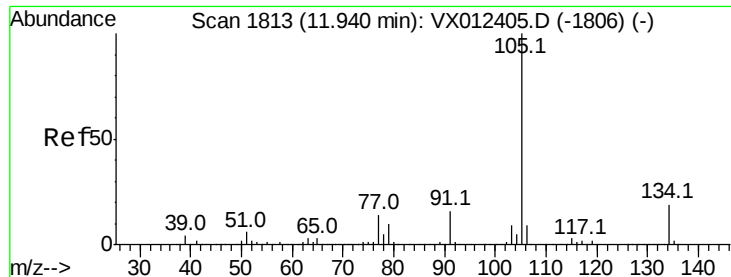
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 20.774 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX012410.D
Acq: 16 Sep 2019 17:09

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	140727		
120	44.7	22.1	66.5	





#85

sec-Butylbenzene

Concen: 20.756 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX012410.D

Acq: 16 Sep 2019 17:09

Instrument :

MSVOA_X

ClientSampled :

VX0916WBS01

Tot Ion:105 Resp: 162490

Ion Ratio Lower Upper

105 100

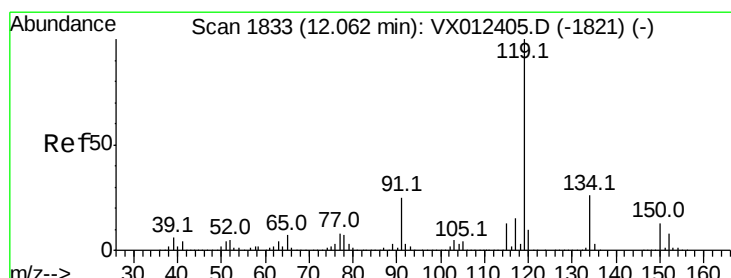
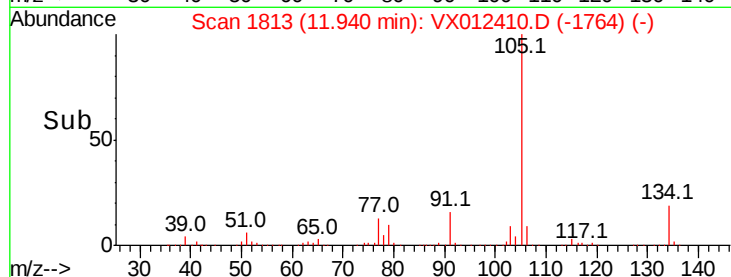
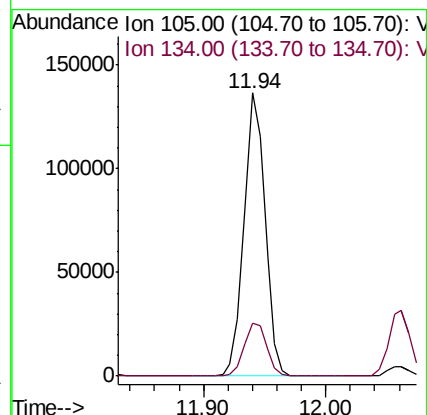
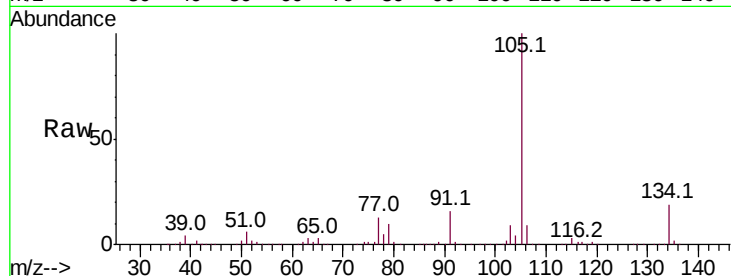
134 20.0 10.1 30.1

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#86

p-Isopropyltoluene

Concen: 20.882 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX012410.D

Acq: 16 Sep 2019 17:09

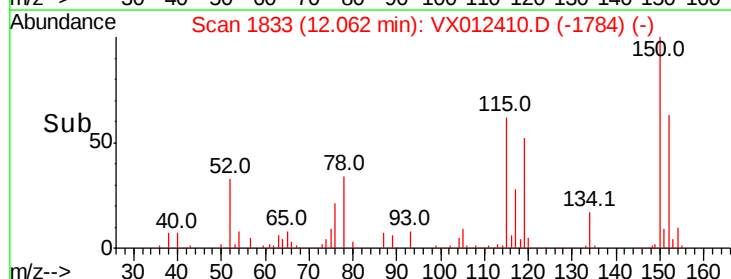
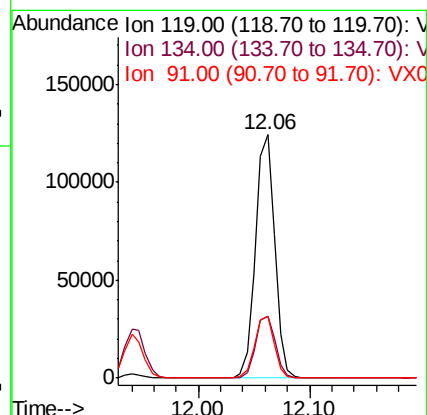
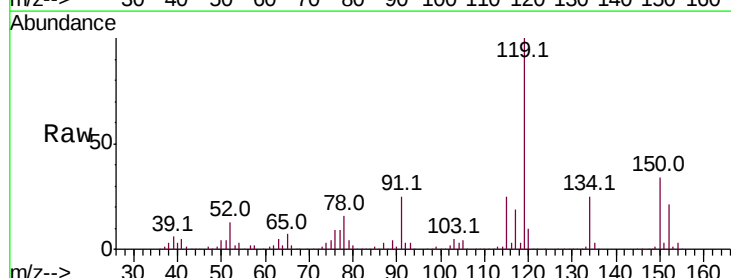
Tgt Ion:119 Resp: 149774

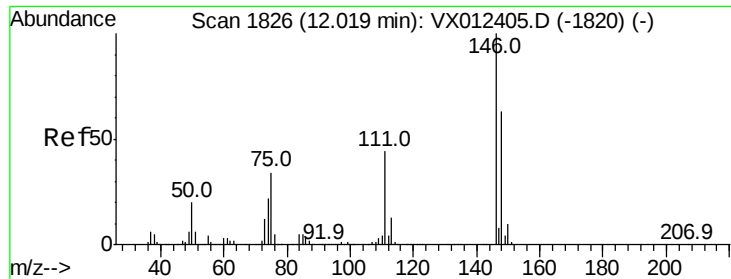
Ion Ratio Lower Upper

119 100

134 26.1 12.9 38.6

91 25.7 12.9 38.6





#87

1,3-Dichlorobenzene

Concen: 19.957 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VX012410.D

Acq: 16 Sep 2019 17:09

Instrument :

MSVOA_X

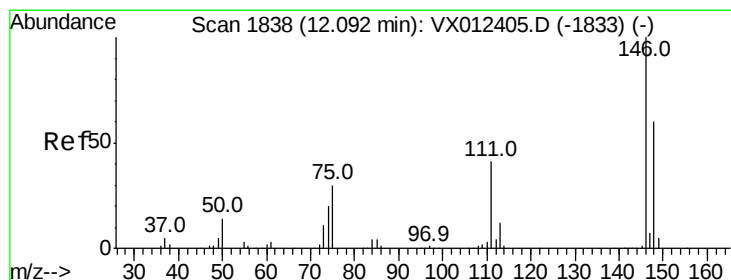
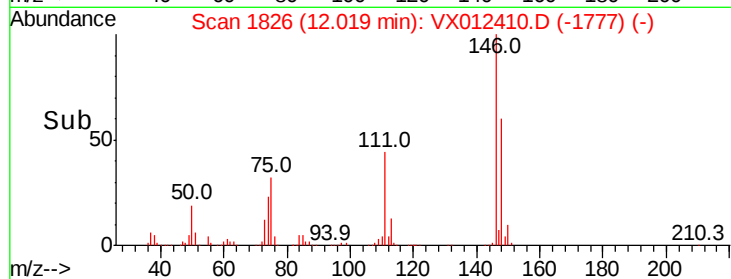
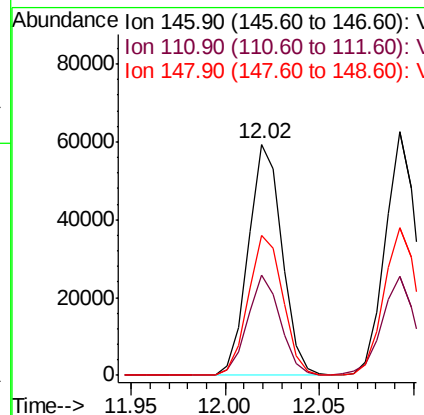
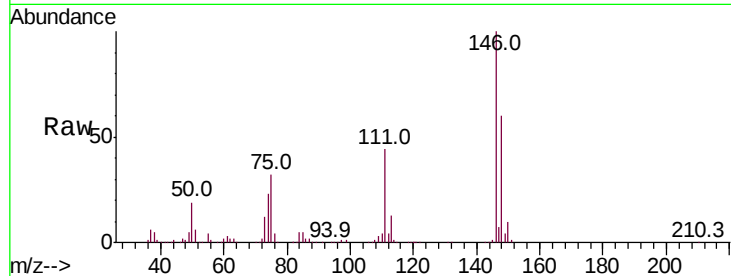
ClientSampleId :

VX0916WBS01

Tot Ion:	146	Resp:	73747
Ion Ratio	Lower	Upper	
146	100		
111	42.3	21.3	64.0
148	62.0	31.6	94.8

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#88

1,4-Dichlorobenzene

Concen: 19.693 ug/l

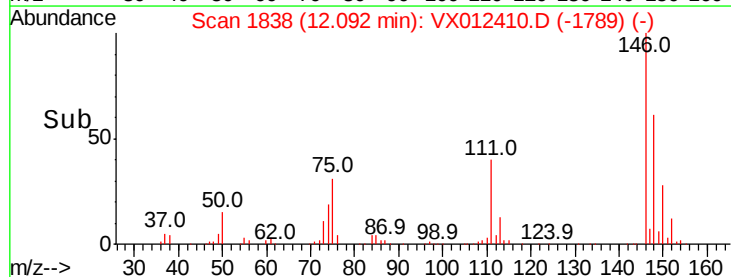
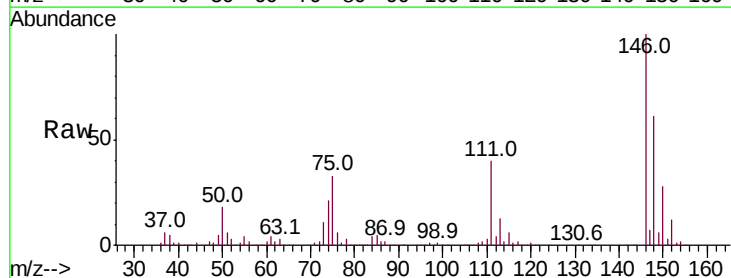
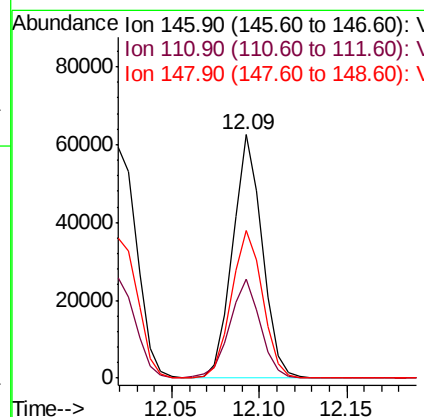
RT: 12.09 min Scan# 1838

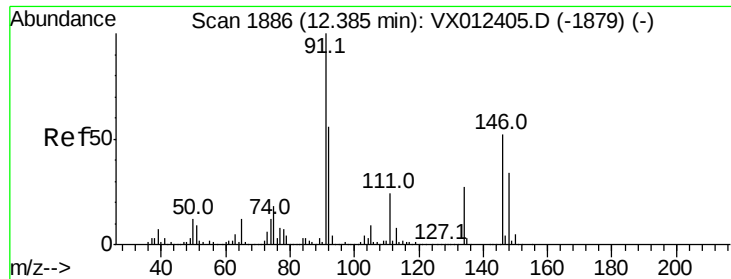
Delta R.T. -0.00 min

Lab File: VX012410.D

Acq: 16 Sep 2019 17:09

Tgt Ion:	146	Resp:	73601
Ion Ratio	Lower	Upper	
146	100		
111	42.3	20.6	61.9
148	64.2	31.6	94.8





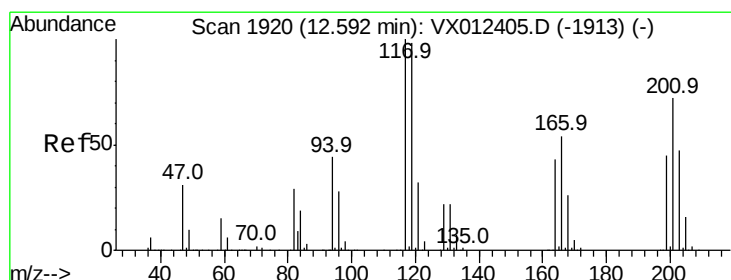
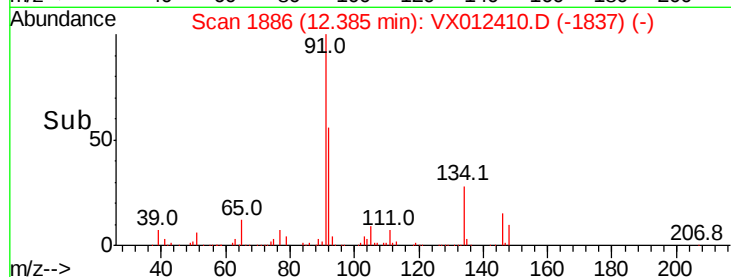
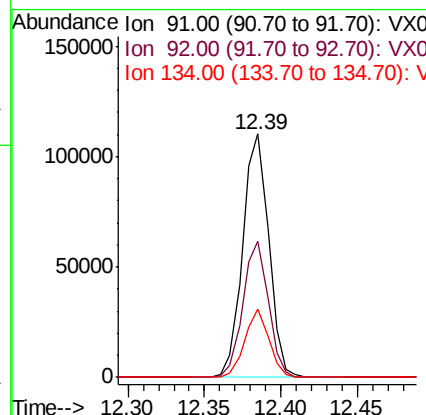
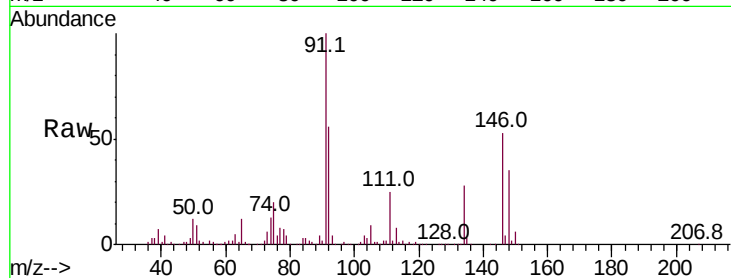
#89
n-Butylbenzene
Concen: 20.549 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX012410.D
Acq: 16 Sep 2019 17:09

Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	54.7	27.5	82.4	
134	26.2	13.2	39.6	

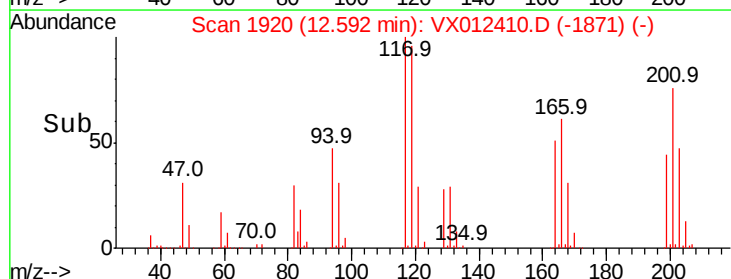
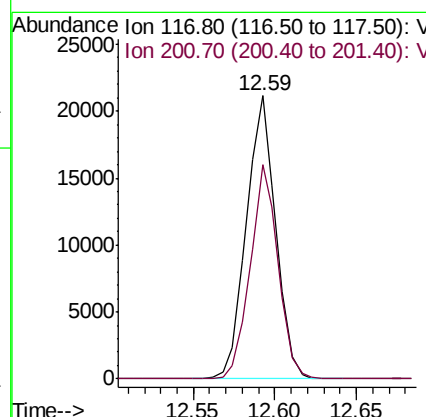
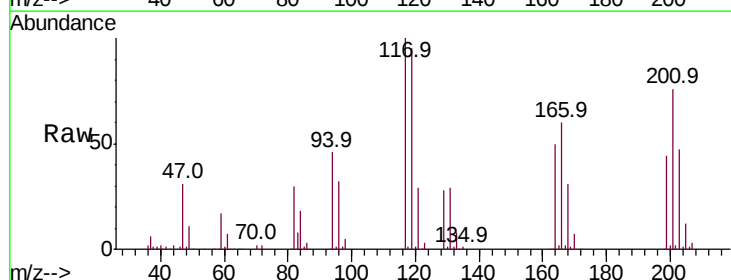
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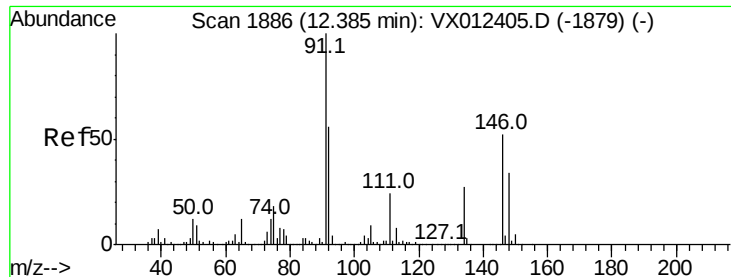
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#90
Hexachloroethane
Concen: 19.142 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX012410.D
Acq: 16 Sep 2019 17:09

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	71.8	35.2	105.6	





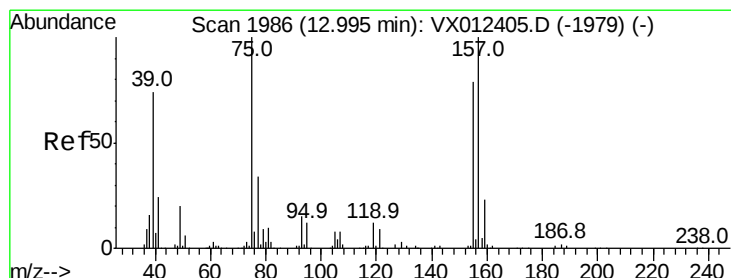
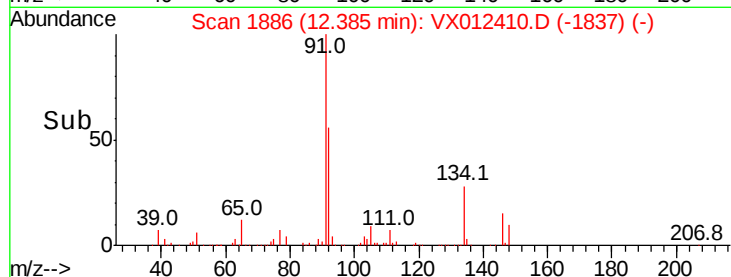
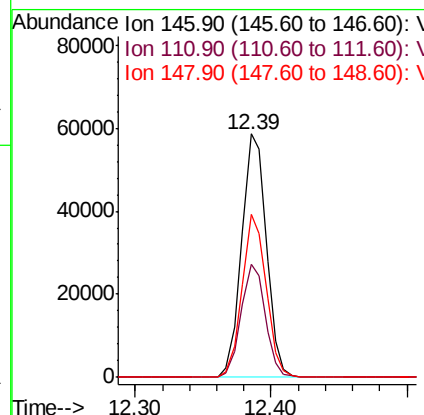
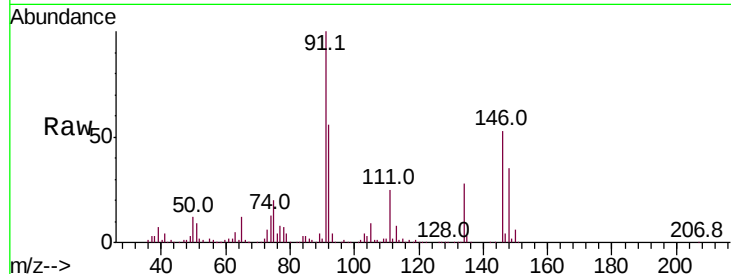
#91
 1,2-Dichlorobenzene
 Concen: 19.635 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX012410.D
 Acq: 16 Sep 2019 17:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0916WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	45.6	22.3	66.9
148	64.8	32.0	96.0

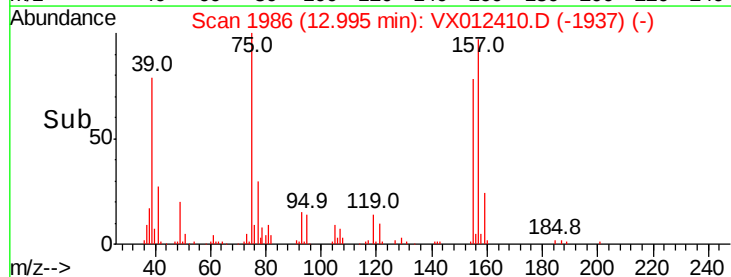
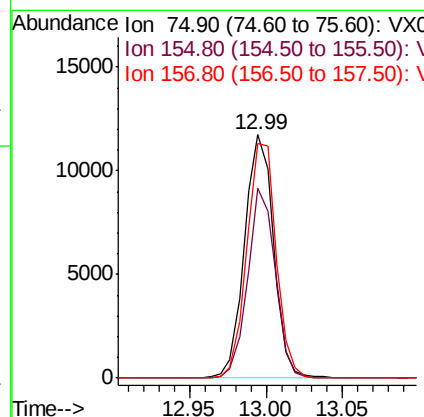
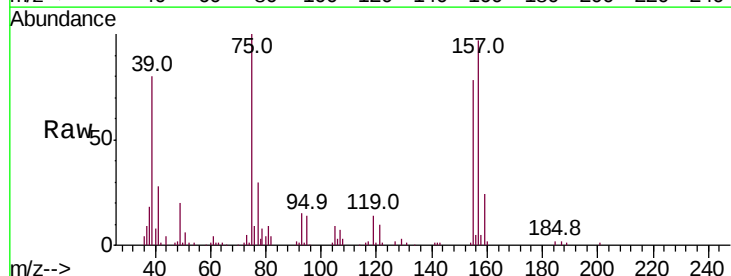
Manual Integrations
 APPROVED

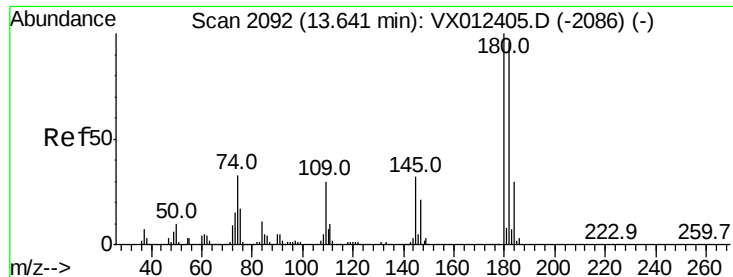
MMDadoda
 9/18/2019 11:19:10 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.969 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX012410.D
 Acq: 16 Sep 2019 17:09

Tgt Ion	Ratio	Lower	Upper
75	100		
155	74.0	39.8	119.4
157	97.4	50.0	150.1





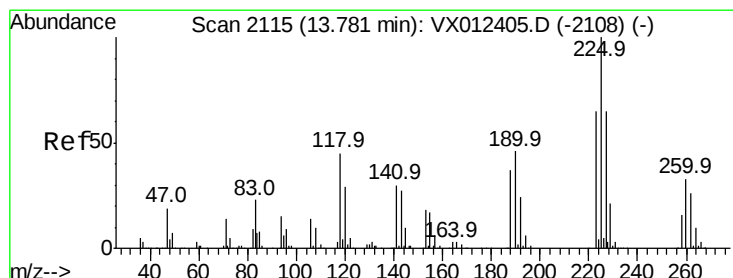
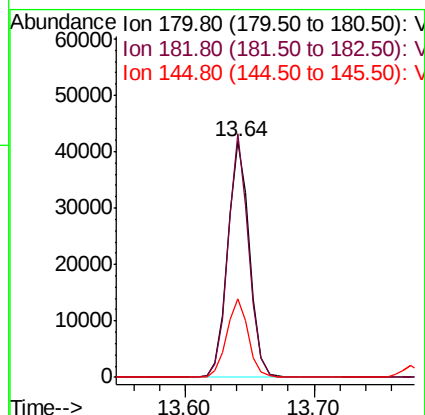
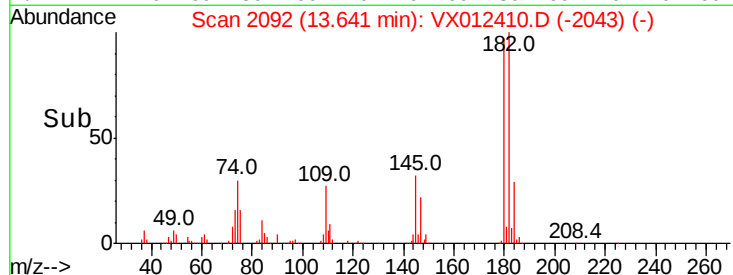
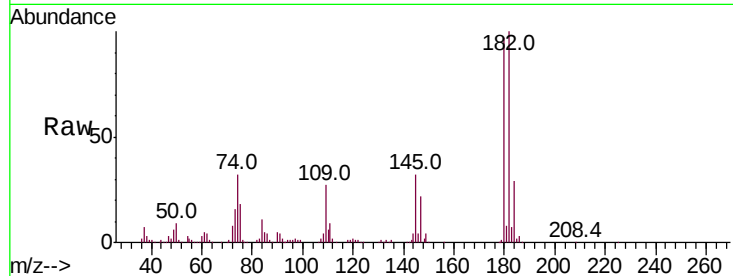
#93
1,2,4-Trichlorobenzene
Concen: 19.662 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. -0.00 min
Lab File: VX012410.D
Acq: 16 Sep 2019 17:09

Instrument :
MSVOA_X
ClientSampleId :
VX0916WBS01

Tot Ion:	180	Resp:	49767
Ion Ratio	Lower	Upper	
180	100		
182	97.8	48.1	144.4
145	33.0	16.6	49.7

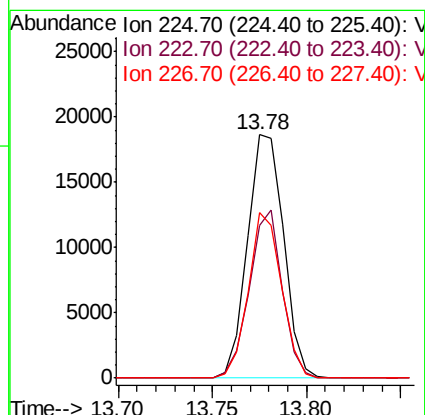
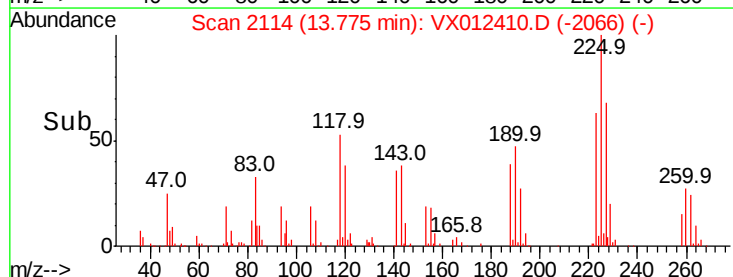
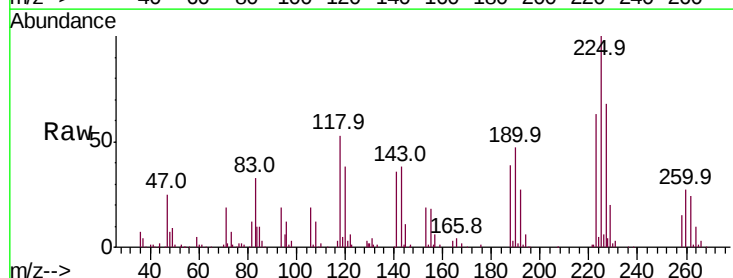
Manual Integrations
APPROVED

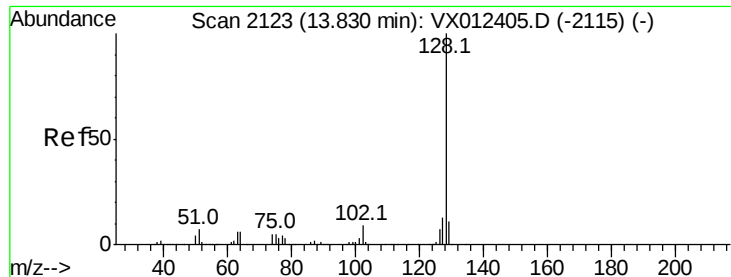
MMDadoda
9/18/2019 11:19:10 AM



#94
Hexachlorobutadiene
Concen: 20.399 ug/l
RT: 13.78 min Scan# 2114
Delta R.T. -0.01 min
Lab File: VX012410.D
Acq: 16 Sep 2019 17:09

Tgt Ion:	225	Resp:	24864
Ion Ratio	Lower	Upper	
225	100		
223	62.6	32.0	96.0
227	62.5	32.8	98.3





#95

Naphthalene

Concen: 18.922 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX012410.D

Acq: 16 Sep 2019 17:09

Instrument :

MSVOA_X

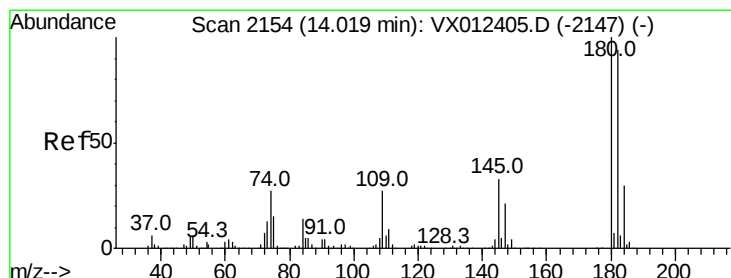
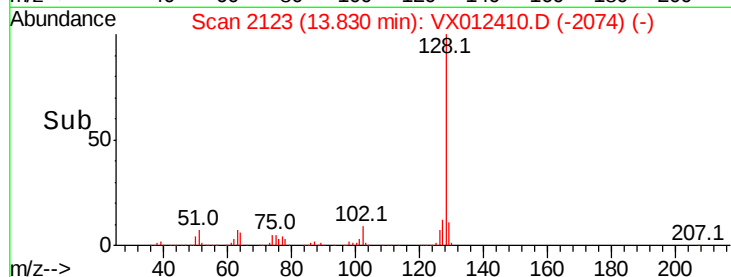
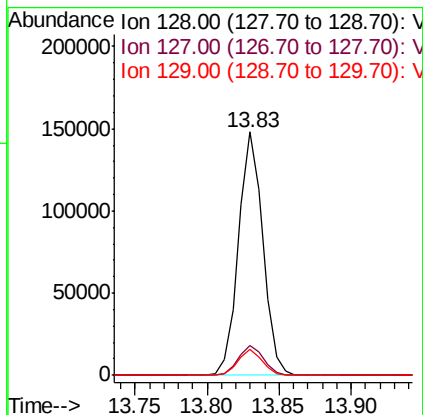
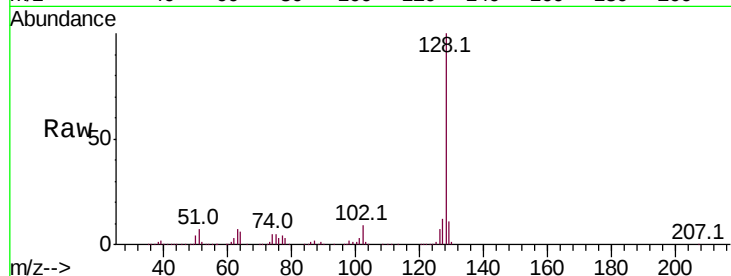
ClientSampleId :

VX0916WBS01

Tot Ion:	128	Resp:	174741
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.2	15.4
129	10.6	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
9/18/2019 11:19:10 AM



#96

1,2,3-Trichlorobenzene

Concen: 20.004 ug/l

RT: 14.02 min Scan# 2154

Delta R.T. -0.00 min

Lab File: VX012410.D

Acq: 16 Sep 2019 17:09

Tgt Ion:	180	Resp:	50501
Ion Ratio	Lower	Upper	
180	100		
182	97.5	46.9	140.8
145	35.9	17.6	52.9

