

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX091919\
 Data File : VX012520.D
 Acq On : 19 Sep 2019 12:04
 Operator : JC/SP
 Sample : VX0919WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0919WBS01

Manual Integrations
 APPROVED

MMDadoda
 9/20/2019 11:43:32 AM

Quant Time: Sep 20 04:59:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 15:27:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	201209	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	325376	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	295139	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	141253	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	133299	46.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.44%	
35) Dibromofluoromethane	5.48	113	98017	49.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.54%	
50) Toluene-d8	8.71	98	362152	49.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.36%	
62) 4-Bromofluorobenzene	11.13	95	146551	48.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	26890	20.265	ug/l	99
3) Chloromethane	1.31	50	21798	19.705	ug/l	97
4) Vinyl Chloride	1.40	62	24095	20.153	ug/l	94
5) Bromomethane	1.63	94	12919	27.504	ug/l	98
6) Chloroethane	1.72	64	17233	18.419	ug/l	99
7) Trichlorofluoromethane	1.92	101	46302	21.126	ug/l	99
8) Diethyl Ether	2.17	74	19936	20.139	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	33771	21.296	ug/l	99
10) Methyl Iodide	2.50	142	22728	19.660	ug/l	97
11) Tert butyl alcohol	3.03	59	65341	85.486	ug/l	98
12) 1,1-Dichloroethene	2.36	96	25881	20.459	ug/l	93
13) Acrolein	2.28	56	17592	68.251	ug/l	99
14) Allyl chloride	2.72	41	57934	19.671	ug/l	97
15) Acrylonitrile	3.12	53	121859	97.516	ug/l	100
16) Acetone	2.43	43	132690	95.792	ug/l	98
17) Carbon Disulfide	2.56	76	30942	18.477	ug/l	96
18) Methyl Acetate	2.76	43	59180	19.694	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	137803	19.979	ug/l	98
20) Methylene Chloride	2.84	84	35096	20.110	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	27295	20.778	ug/l	93
22) Diisopropyl ether	3.84	45	139616	20.247	ug/l	97
23) Vinyl Acetate	3.80	43	569071	100.321	ug/l	99
24) 1,1-Dichloroethane	3.69	63	68033	20.620	ug/l	99
25) 2-Butanone	4.65	43	185438	92.703	ug/l	100
26) 2,2-Dichloropropane	4.57	77	63373	19.530	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	40603	20.691	ug/l	96
28) Bromochloromethane	5.00	49	32801	19.284	ug/l	94
29) Tetrahydrofuran	5.11	42	108223	97.934	ug/l	100
30) Chloroform	5.20	83	76482	20.184	ug/l	98
31) Cyclohexane	5.56	56	41440	20.806	ug/l	95
32) 1,1,1-Trichloroethane	5.48	97	64398	20.334	ug/l	99
36) 1,1-Dichloropropene	5.78	75	42711	21.599	ug/l	97
37) Ethyl Acetate	4.82	43	63552	20.937	ug/l	97
38) Carbon Tetrachloride	5.77	117	50280	20.444	ug/l	98

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MMDadoda
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	42856	22.293	ug/l	97
40) Benzene	6.13	78	134493	21.388	ug/l	99
41) Methacrylonitrile	5.02	41	38675	19.788	ug/l	98
42) 1,2-Dichloroethane	6.17	62	61179	20.976	ug/l	97
43) Isopropyl Acetate	6.43	43	108566	19.928	ug/l	98
44) Trichloroethene	7.20	130	37390	22.604	ug/l	95
45) 1,2-Dichloropropane	7.50	63	40170	20.793	ug/l	95
46) Dibromomethane	7.65	93	26743	21.391	ug/l	97
47) Bromodichloromethane	7.89	83	57769	20.753	ug/l	95
48) Methyl methacrylate	7.76	41	50741	19.758	ug/l	97
49) 1,4-Dioxane	7.73	88	24421	390.709	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	358455	100.329	ug/l	100
52) Toluene	8.78	92	88951	21.952	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	59193	20.456	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	63266	21.119	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	44537	21.334	ug/l	96
56) Ethyl methacrylate	9.17	69	67691	20.739	ug/l	99
57) 1,3-Dichloropropane	9.37	76	71964	21.606	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.30	63	173872	102.912	ug/l	100
59) 2-Hexanone	9.48	43	272552	97.781	ug/l	100
60) Dibromochloromethane	9.57	129	44236	20.803	ug/l	100
61) 1,2-Dibromoethane	9.67	107	41739	21.892	ug/l	98
64) Tetrachloroethene	9.33	164	33001	24.401	ug/l	94
65) Chlorobenzene	10.14	112	104370	21.426	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	43392	21.463	ug/l	99
67) Ethyl Benzene	10.25	91	181479	21.684	ug/l	99
68) m/p-Xylenes	10.36	106	133290	43.772	ug/l	99
69) o-Xylene	10.70	106	67763	21.638	ug/l	100
70) Styrene	10.71	104	119200	21.513	ug/l	99
71) Bromoform	10.85	173	30403	19.333	ug/l #	99
73) Isopropylbenzene	11.01	105	192356	21.704	ug/l	99
74) N-amyl acetate	10.89	43	96317	20.186	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	69845	20.090	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	69061m	21.284	ug/l	
77) Bromobenzene	11.25	156	47231	21.851	ug/l	98
78) n-propylbenzene	11.35	91	215611	21.827	ug/l	99
79) 2-Chlorotoluene	11.42	91	135758	21.126	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	165060	21.838	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	19743	18.766	ug/l	91
82) 4-Chlorotoluene	11.51	91	158980	21.556	ug/l	100
83) tert-Butylbenzene	11.76	119	171403	21.163	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	170205	21.931	ug/l	99
85) sec-Butylbenzene	11.94	105	192321	21.549	ug/l	98
86) p-Isopropyltoluene	12.06	119	176155	21.495	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	87996	21.642	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	89263	21.372	ug/l	99
89) n-Butylbenzene	12.39	91	154709	21.158	ug/l	98
90) Hexachloroethane	12.59	117	30804	20.499	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	92314	21.723	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	17220	19.105	ug/l	99

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Manual Integrations
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Quant Title : SW846 8260
QLast Update : Tue Sep 17 15:27:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	58120	21.233	ug/l	97
94) Hexachlorobutadiene	13.78	225	26220	20.324	ug/l	98
95) Naphthalene	13.83	128	204382	20.984	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	61120	21.912	ug/l	99

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

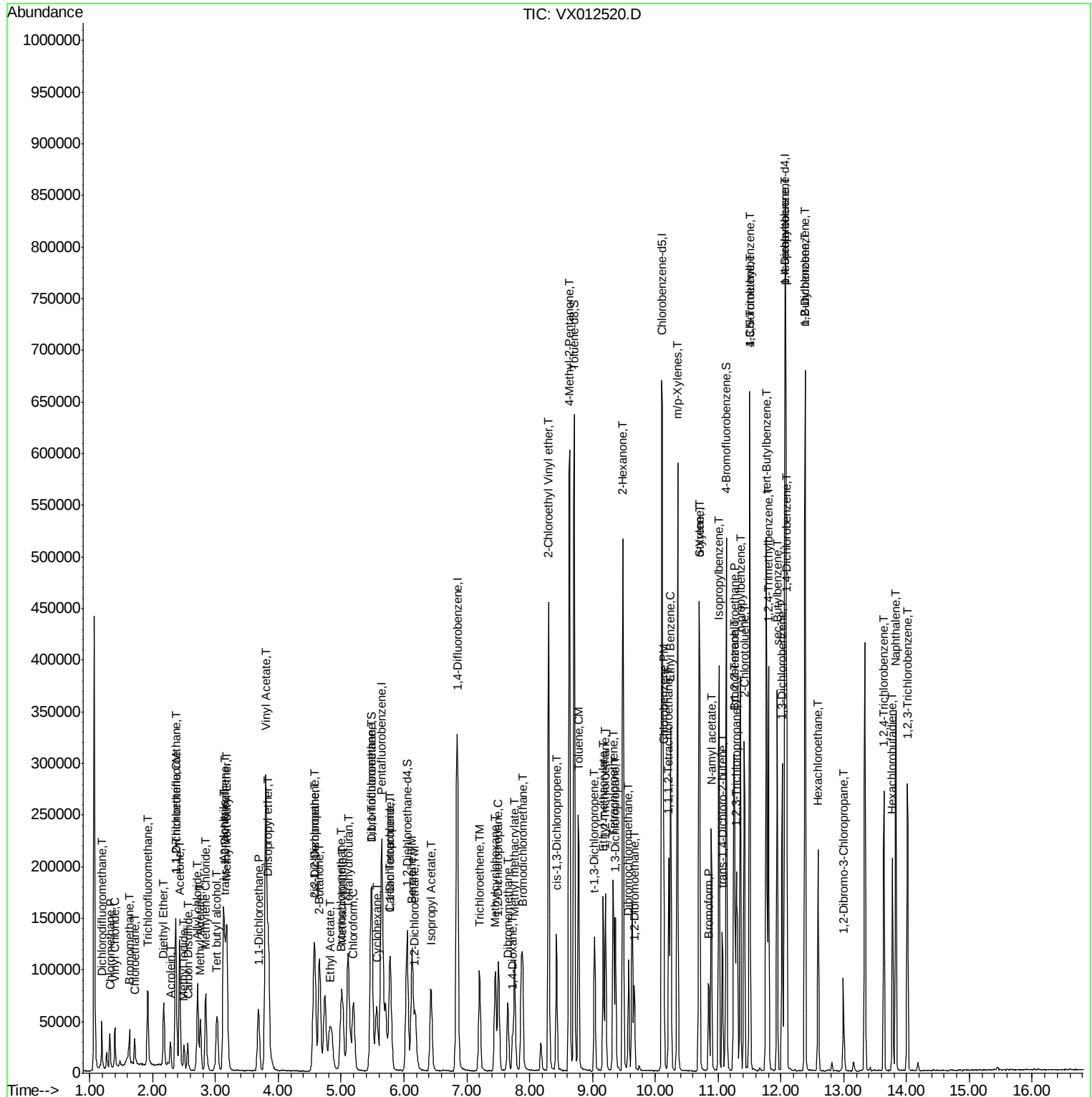
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Data File : VX012520.D
Acq On : 19 Sep 2019 12:04
Operator : JC/SP
Sample : VX0919WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 5 Sample Multiplier: 1

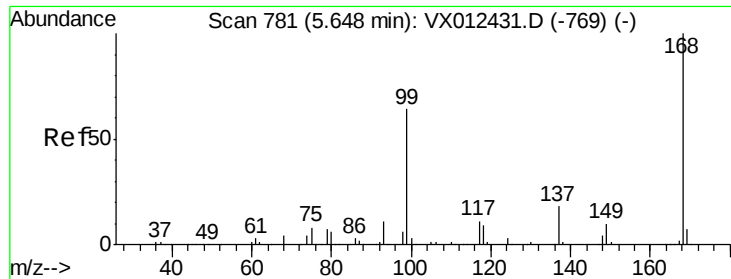
Instrument :
MSVOA_X
Client Sampled :
VX0919WBS01

Manual Integrations
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Quant Title : SW846 8260
QLast Update : Tue Sep 17 15:27:10 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX012520.D

Acq: 19 Sep 2019 12:04

Instrument :

MSVOA_X

ClientSampleId :

VX0919WBS01

Tot Ion:168 Resp: 201209

Ion Ratio Lower Upper

168 100

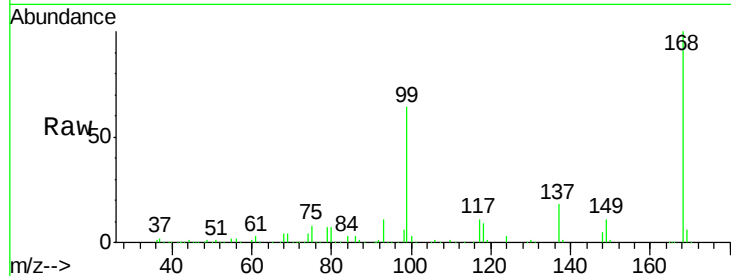
99 63.6 51.4 77.2

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

5.65

80000

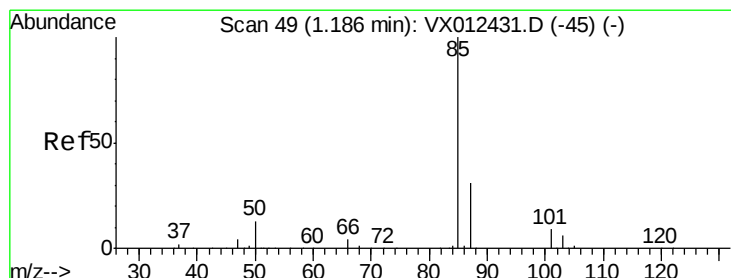
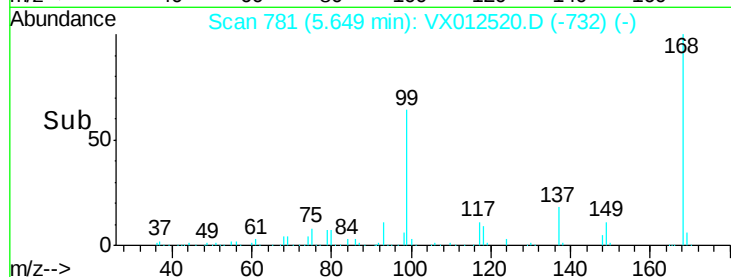
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 20.265 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX012520.D

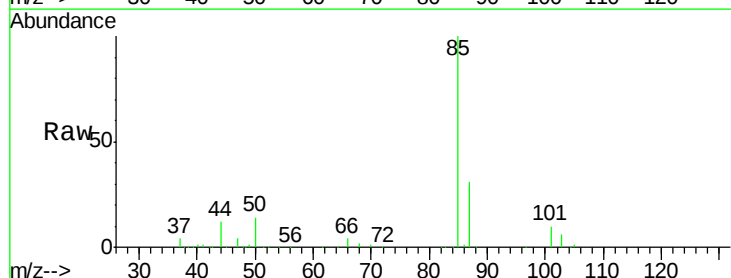
Acq: 19 Sep 2019 12:04

Tgt Ion: 85 Resp: 26890

Ion Ratio Lower Upper

85 100

87 30.7 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

30000

25000

20000

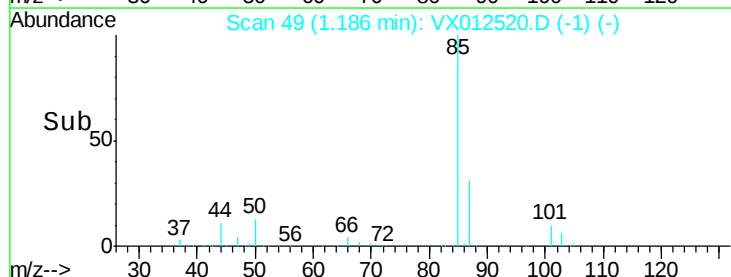
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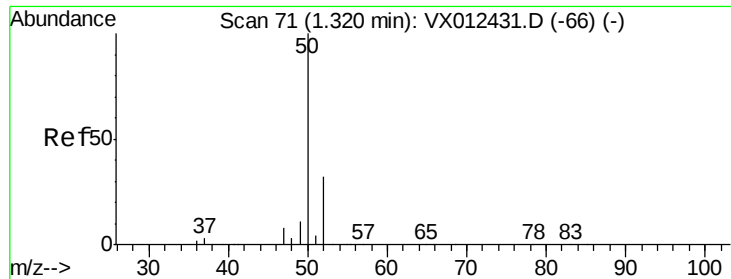
10000

5000

0

Time-->





#3

Chloromethane

Concen: 19.705 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.01 min

Lab File: VX012520.D

Acq: 19 Sep 2019 12:04

Instrument :

MSVOA_X

ClientSampleId :

VX0919WBS01

Tot Ion: 50 Resp: 21798

Ion Ratio Lower Upper

50 100

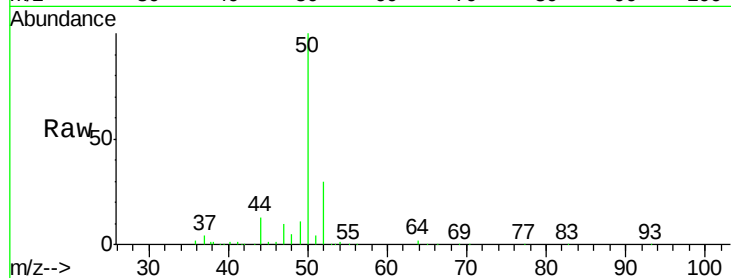
52 30.5 25.7 38.5

Manual Integrations

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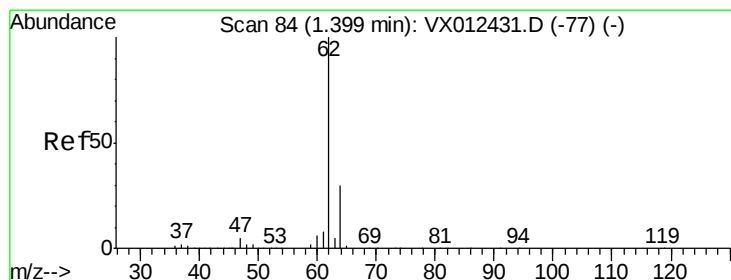
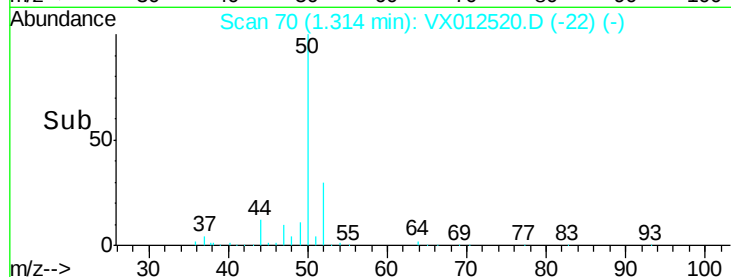
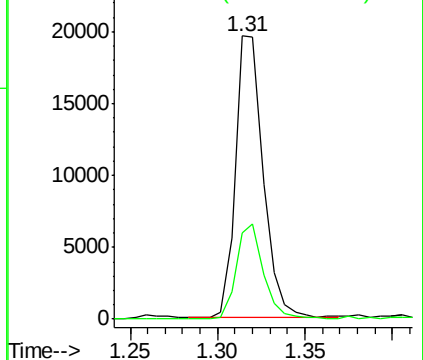
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 20.153 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012520.D

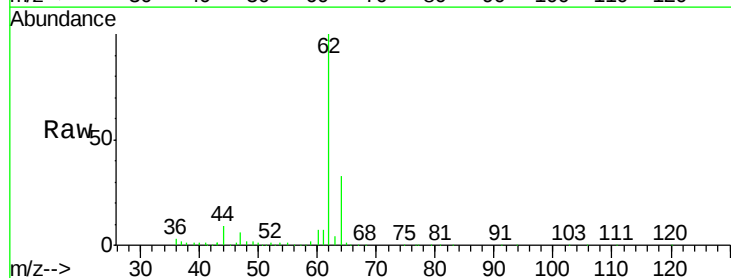
Acq: 19 Sep 2019 12:04

Tgt Ion: 62 Resp: 24095

Ion Ratio Lower Upper

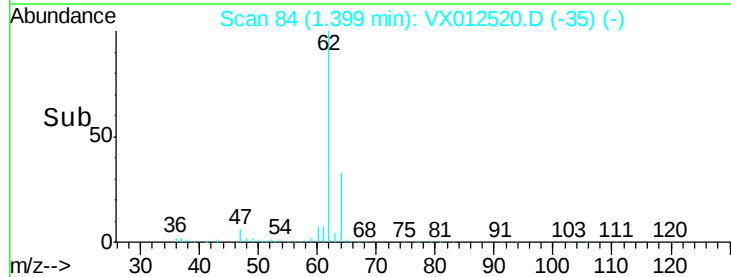
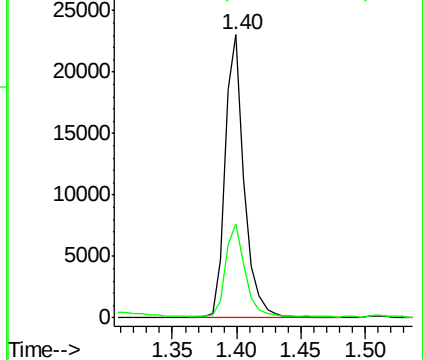
62 100

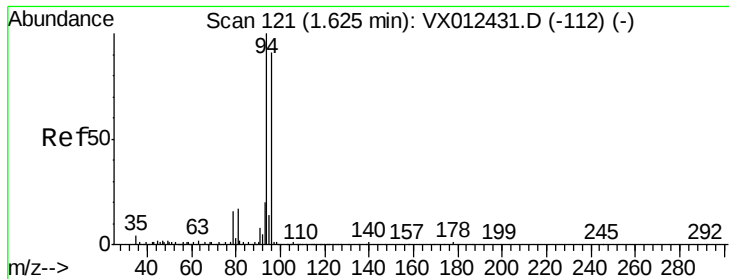
64 33.3 24.2 36.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 27.504 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX012520.D

Acq: 19 Sep 2019 12:04

Instrument :

MSVOA_X

ClientSampleId :

VX0919WBS01

Tot Ion: 94 Resp: 12919

Ion Ratio Lower Upper

94 100

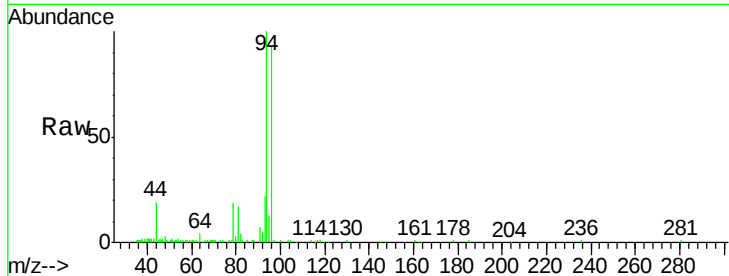
96 92.8 72.8 109.2

Manual Integrations

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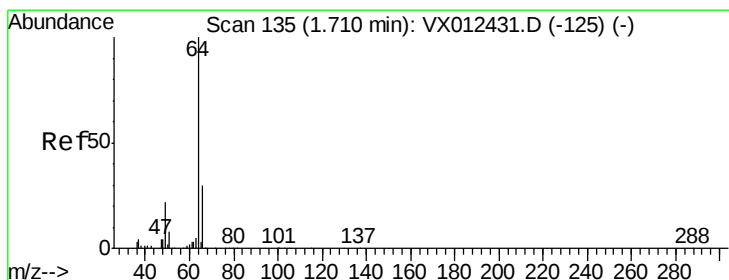
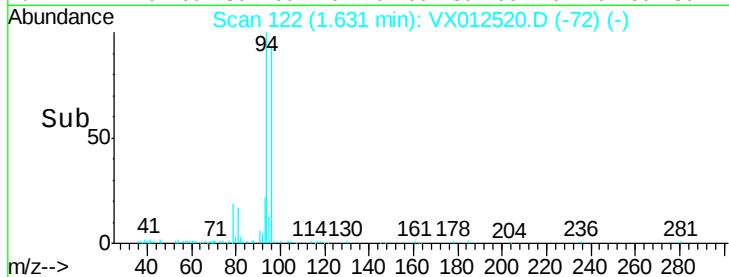
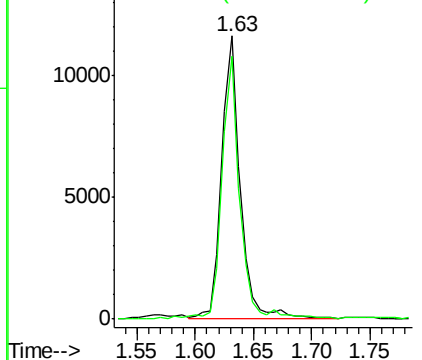
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 18.419 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX012520.D

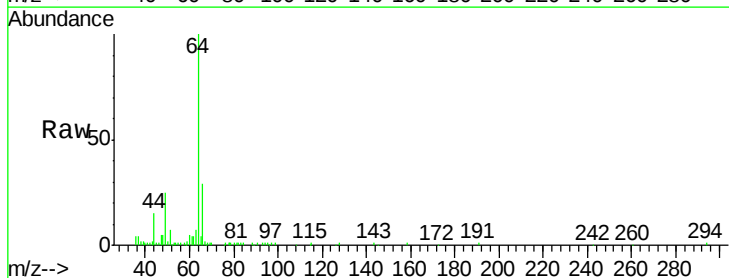
Acq: 19 Sep 2019 12:04

Tgt Ion: 64 Resp: 17233

Ion Ratio Lower Upper

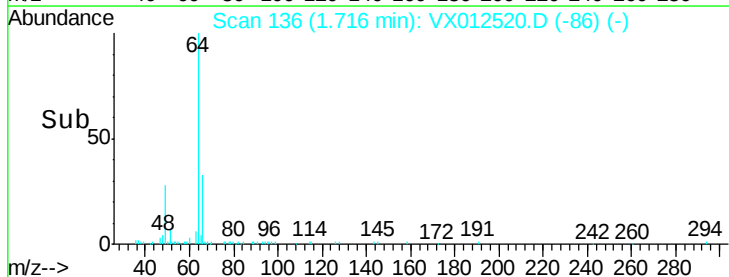
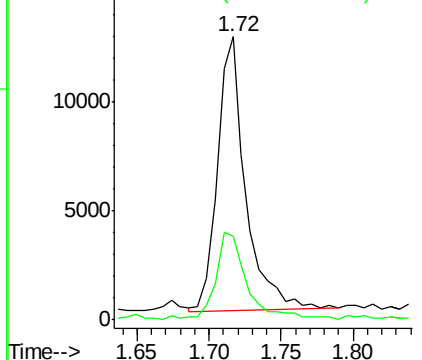
64 100

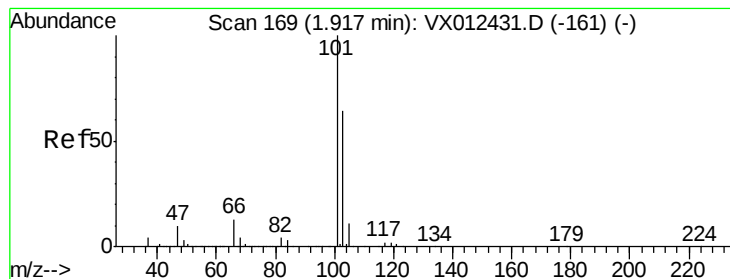
66 30.7 24.0 36.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

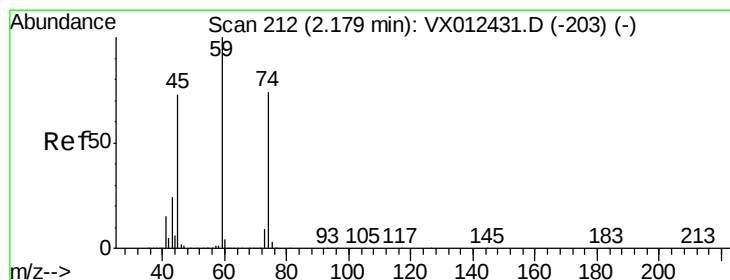
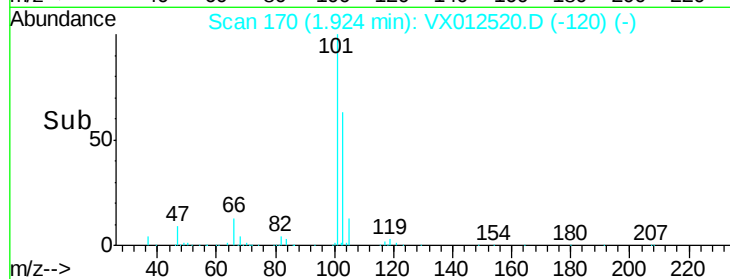
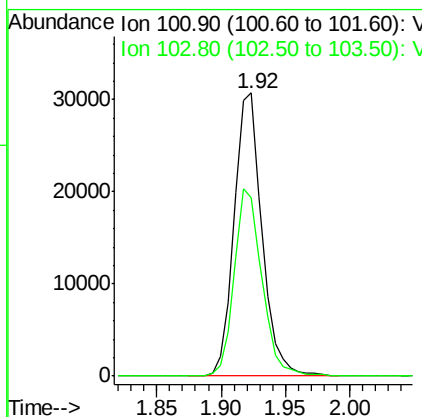
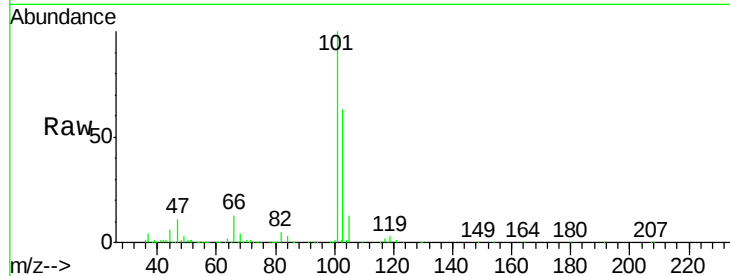
Trichlorofluoromethane
Concen: 21.126 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX012520.D
Acq: 19 Sep 2019 12:04

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	62.8	51.0	76.4

Manual Integrations
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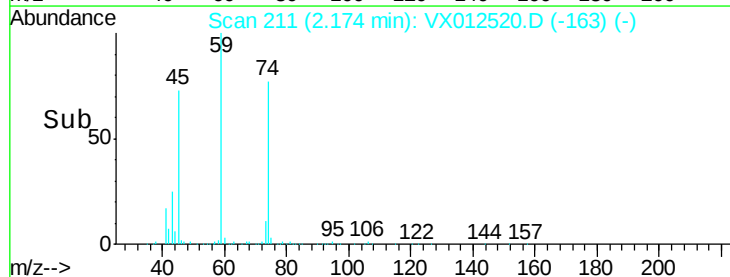
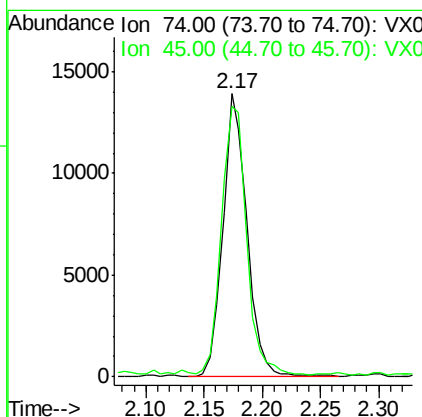
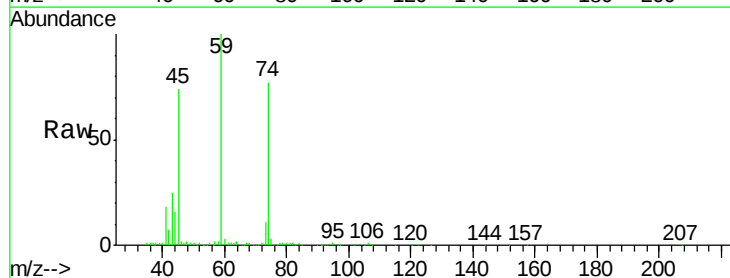
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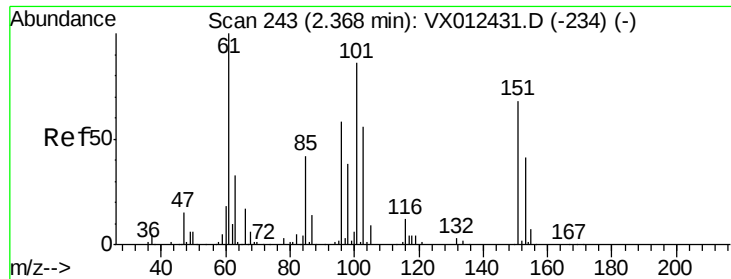


#8

Diethyl Ether
Concen: 20.139 ug/l
RT: 2.17 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX012520.D
Acq: 19 Sep 2019 12:04

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.2	49.9	149.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.296 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX012520.D

Acq: 19 Sep 2019 12:04

Instrument :

MSVOA_X

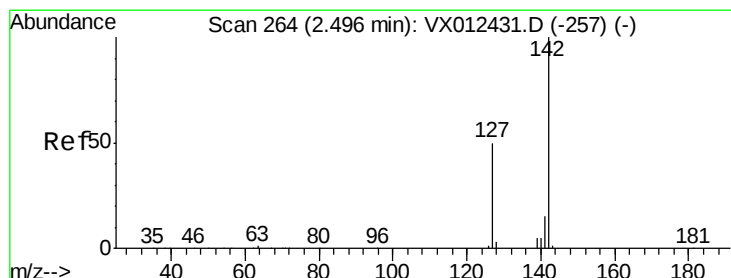
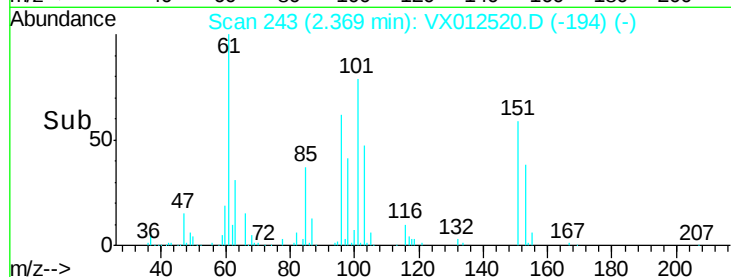
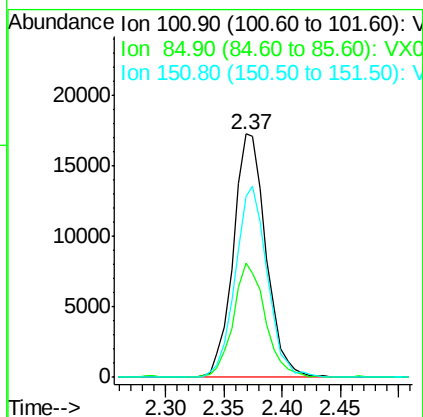
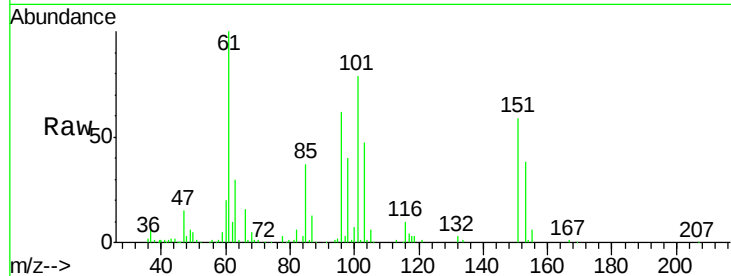
ClientSampleId :

VX0919WBS01

Tot Ion:	101	Resp:	33771
Ion Ratio	Lower	Upper	
101	100		
85	46.0	37.3	55.9
151	77.0	61.0	91.4

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#10

Methyl Iodide

Concen: 19.660 ug/l

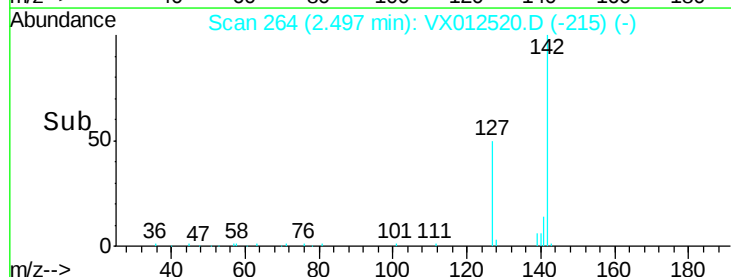
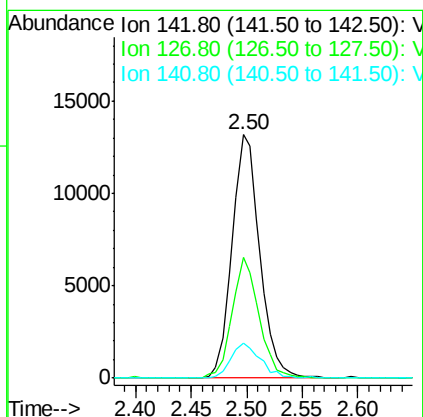
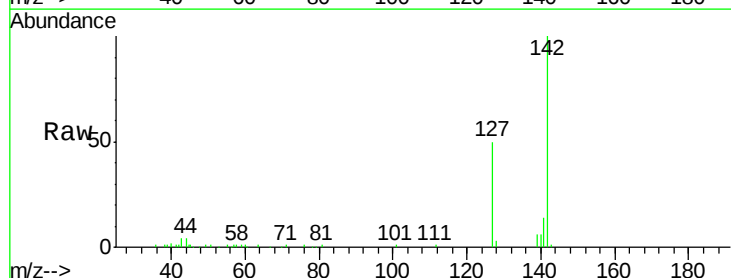
RT: 2.50 min Scan# 264

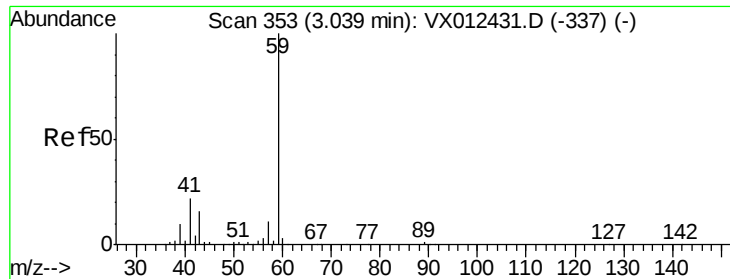
Delta R.T. 0.00 min

Lab File: VX012520.D

Acq: 19 Sep 2019 12:04

Tgt Ion:	142	Resp:	22728
Ion Ratio	Lower	Upper	
142	100		
127	48.2	40.8	61.2
141	15.1	12.1	18.1





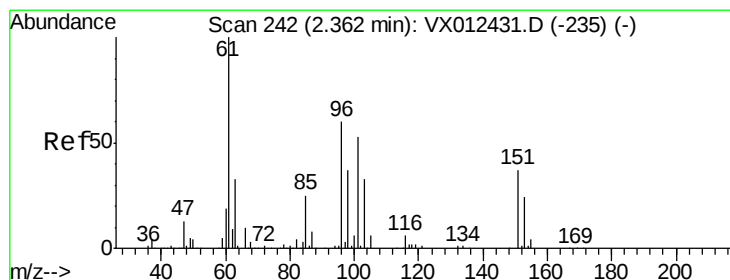
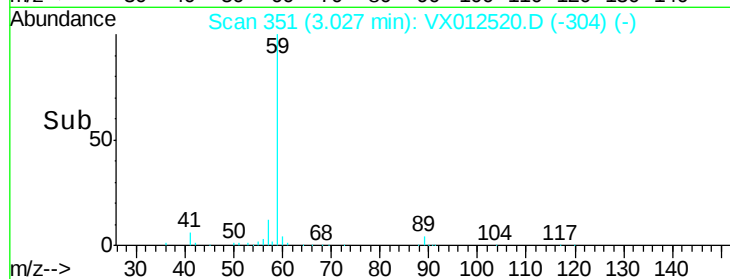
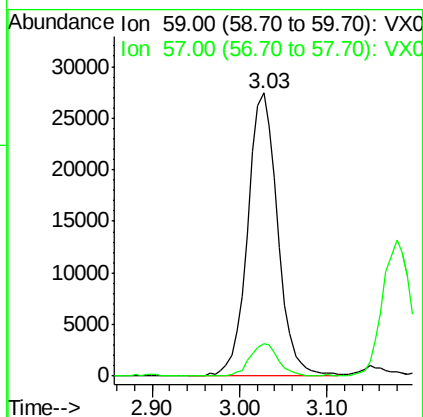
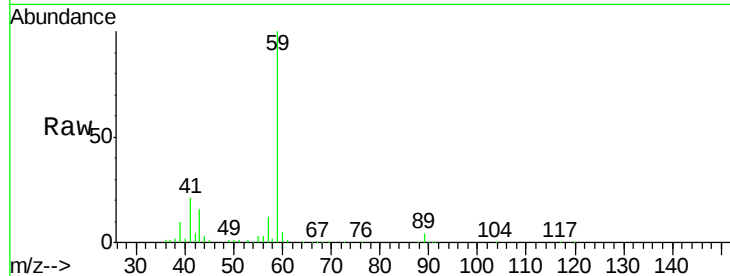
#11
Tert butyl alcohol
Concen: 85.486 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX012520.D
Acq: 19 Sep 2019 12:04

Instrument :
MSVOA_X
ClientSampleId :
VX0919WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.1	8.3	12.5

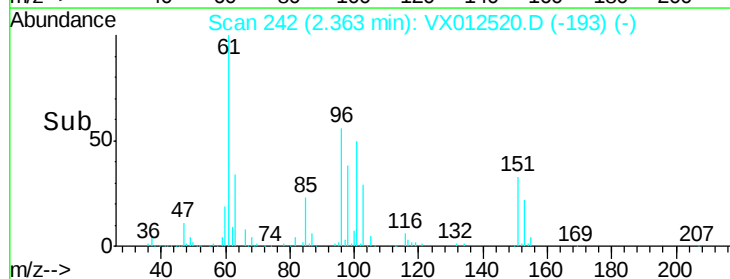
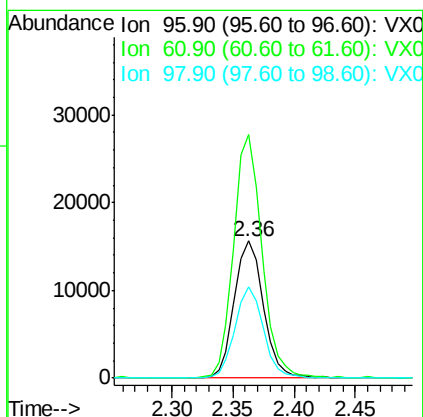
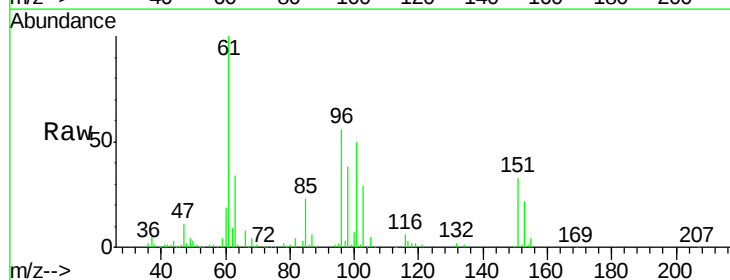
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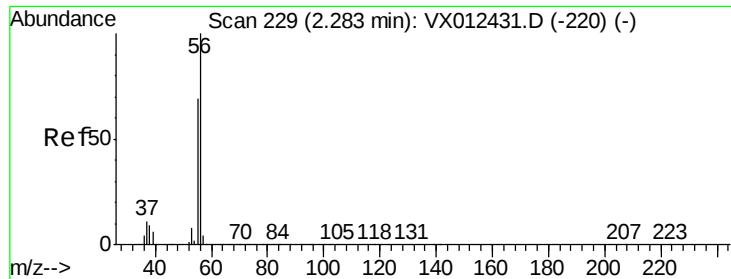
MMDadoda
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#12
1,1-Dichloroethene
Concen: 20.459 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX012520.D
Acq: 19 Sep 2019 12:04

Tgt Ion	Ratio	Lower	Upper
96	100		
61	177.7	133.8	200.6
98	67.1	49.9	74.9





#13

Acrolein

Concen: 68.251 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX012520.D

Acq: 19 Sep 2019 12:04

Instrument :

MSVOA_X

ClientSampleId :

VX0919WBS01

Tot Ion: 56 Resp: 17592

Ion Ratio Lower Upper

56 100

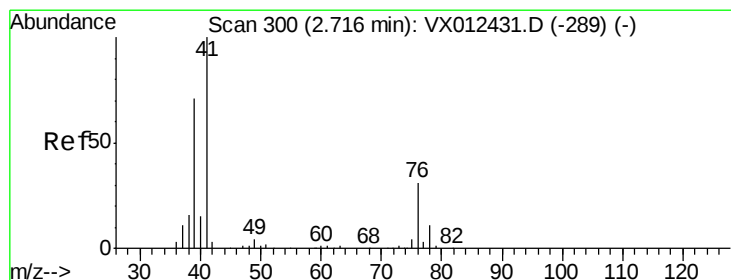
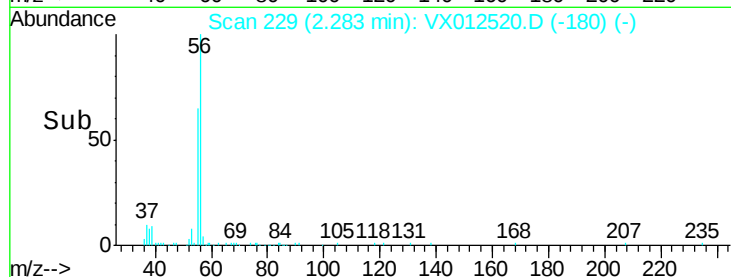
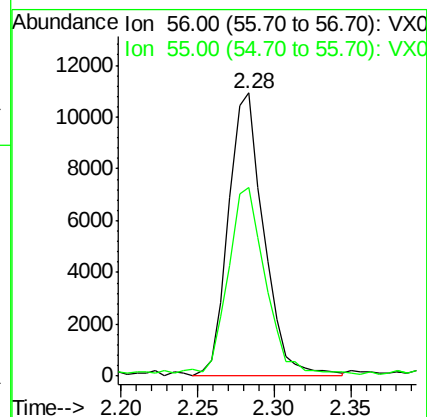
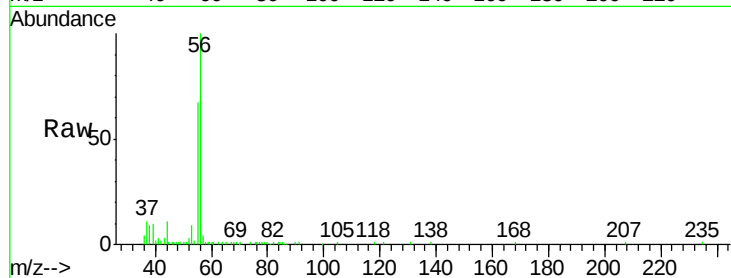
55 69.0 55.8 83.8

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#14

Allyl chloride

Concen: 19.671 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX012520.D

Acq: 19 Sep 2019 12:04

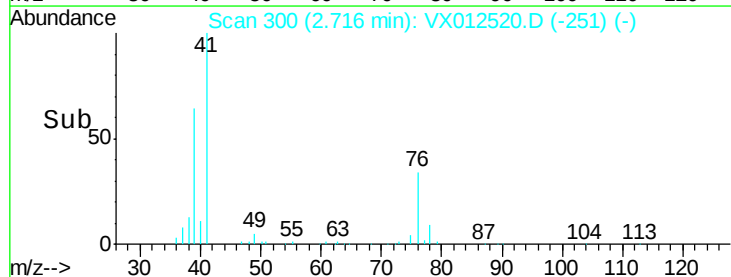
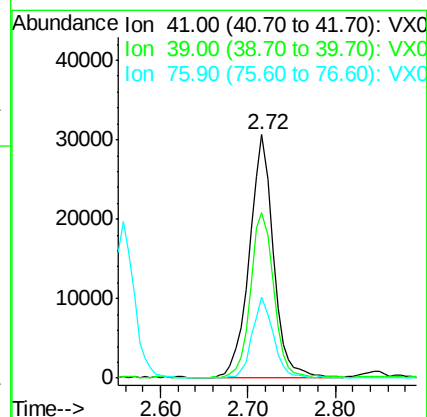
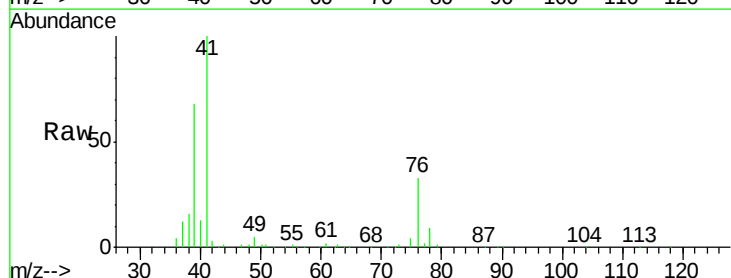
Tgt Ion: 41 Resp: 57934

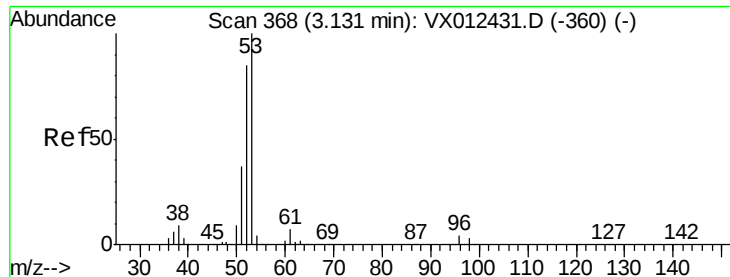
Ion Ratio Lower Upper

41 100

39 67.0 51.3 76.9

76 29.4 22.6 33.8





#15

Acrylonitrile

Concen: 97.516 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX012520.D

Acq: 19 Sep 2019 12:04

Instrument :

MSVOA_X

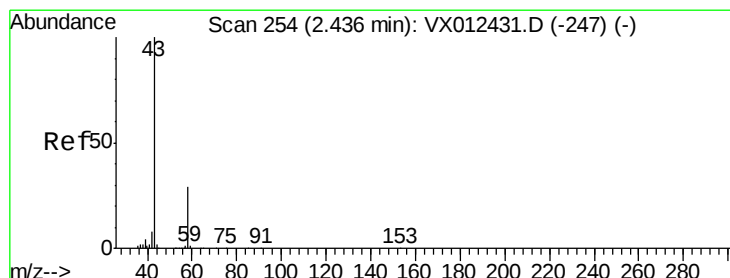
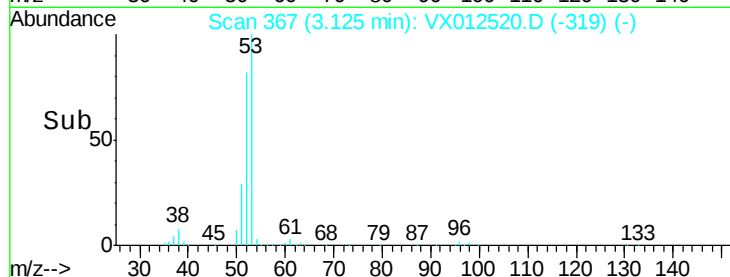
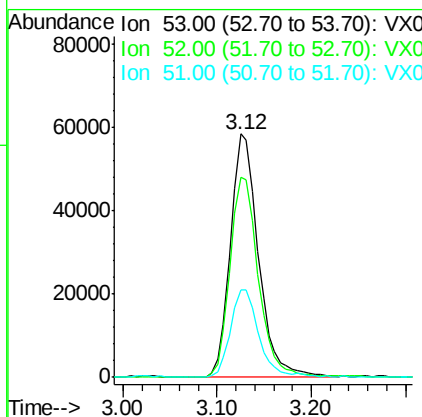
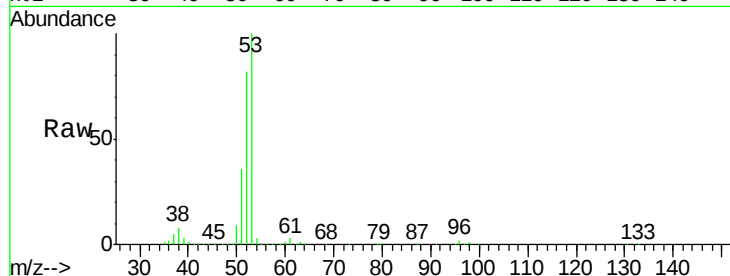
ClientSampleId :

VX0919WBS01

Tot Ion:	53	Resp:	121859
Ion Ratio		Lower	Upper
53	100		
52	84.0	67.0	100.4
51	36.8	29.6	44.4

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#16

Acetone

Concen: 95.792 ug/l

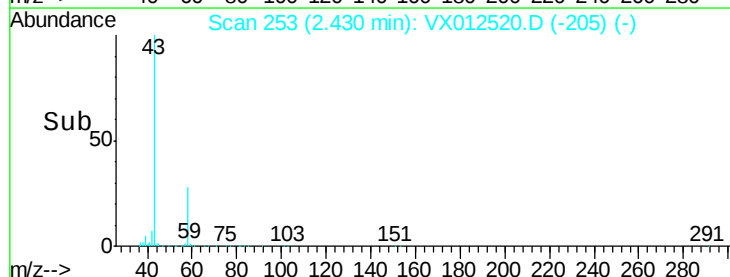
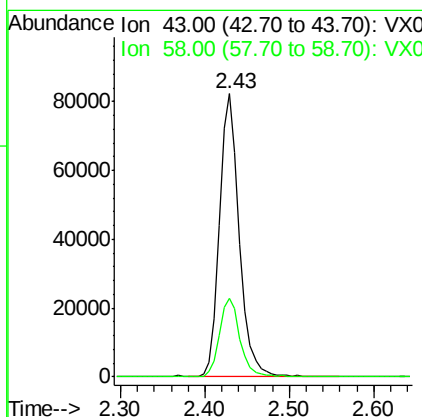
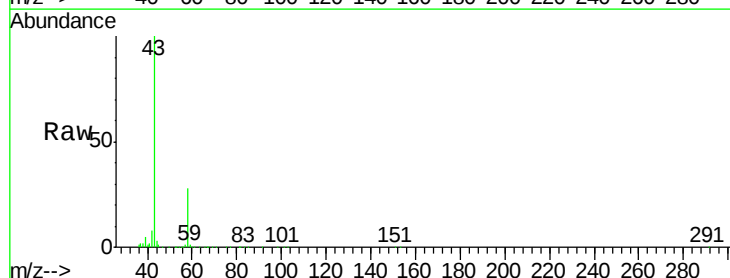
RT: 2.43 min Scan# 253

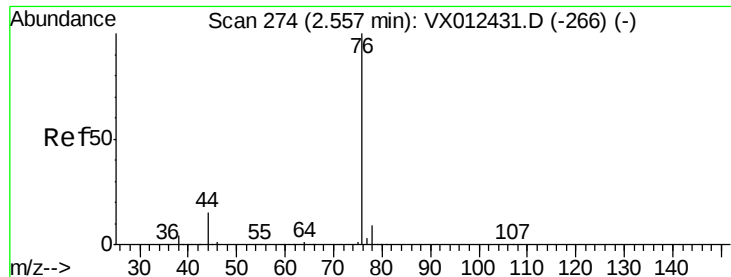
Delta R.T. -0.01 min

Lab File: VX012520.D

Acq: 19 Sep 2019 12:04

Tgt Ion:	43	Resp:	132690
Ion Ratio		Lower	Upper
43	100		
58	27.8	23.3	34.9





#17

Carbon Disulfide

Concen: 18.477 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX012520.D

Acq: 19 Sep 2019 12:04

Instrument :

MSVOA_X

ClientSampleId :

VX0919WBS01

Tot Ion: 76 Resp: 30942

Ion Ratio Lower Upper

76 100

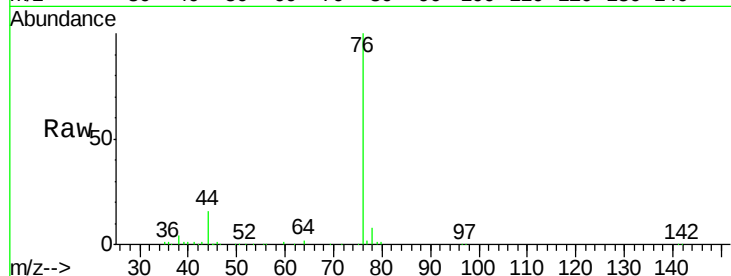
78 7.8 7.3 10.9

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

20000

15000

10000

5000

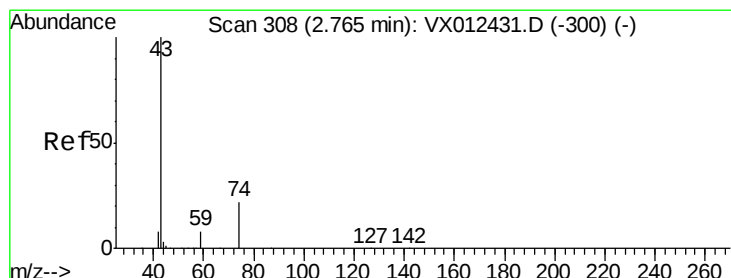
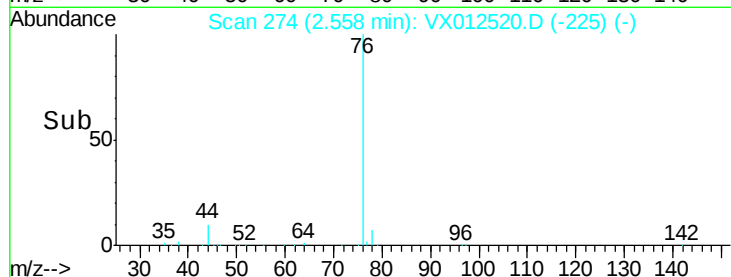
0

Time-->

2.50

2.60

2.70



#18

Methyl Acetate

Concen: 19.694 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX012520.D

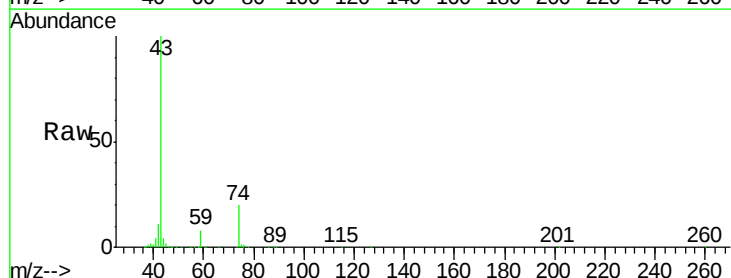
Acq: 19 Sep 2019 12:04

Tgt Ion: 43 Resp: 59180

Ion Ratio Lower Upper

43 100

74 22.3 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

30000

20000

10000

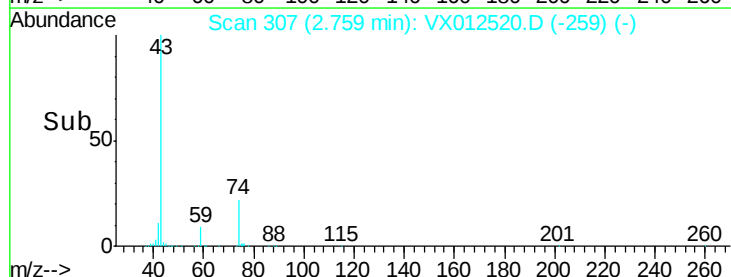
0

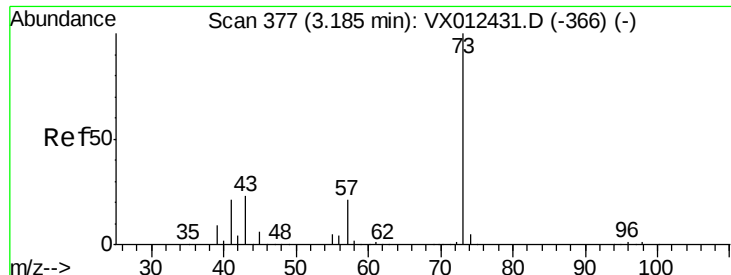
Time-->

2.70

2.80

2.90





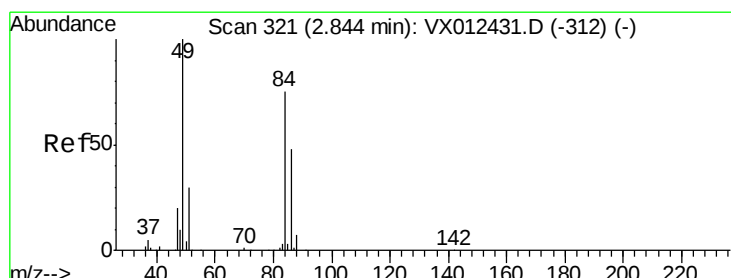
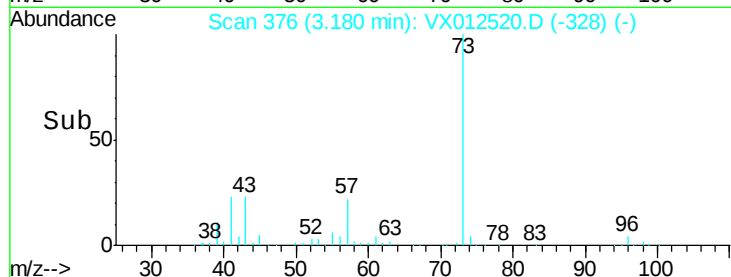
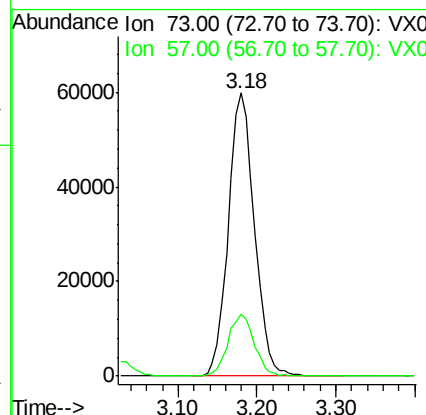
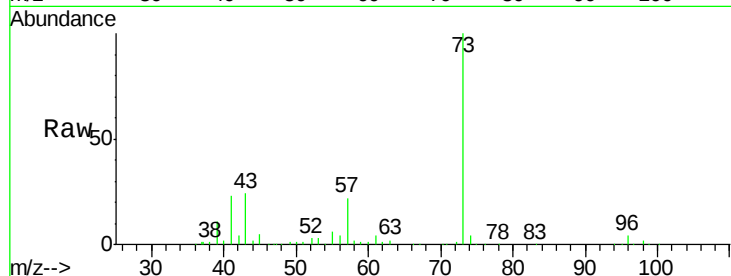
#19
Methvl tert-butvl Ether
Concen: 19.979 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX012520.D
Acq: 19 Sep 2019 12:04

Instrument :
MSVOA_X
ClientSampleId :
VX0919WBS01

Tot Ion: 73 Resp: 137803
Ion Ratio Lower Upper
73 100
57 22.0 16.8 25.2

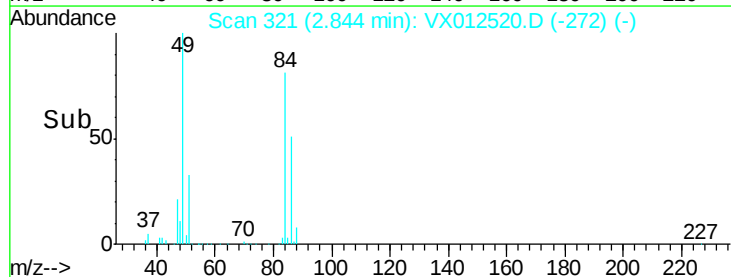
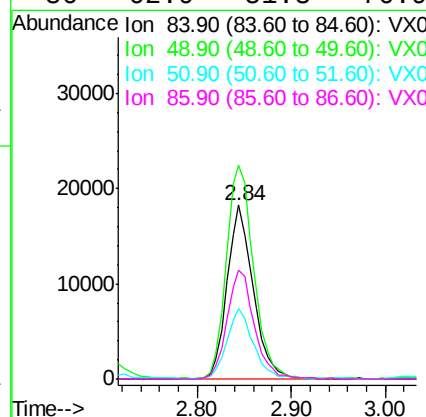
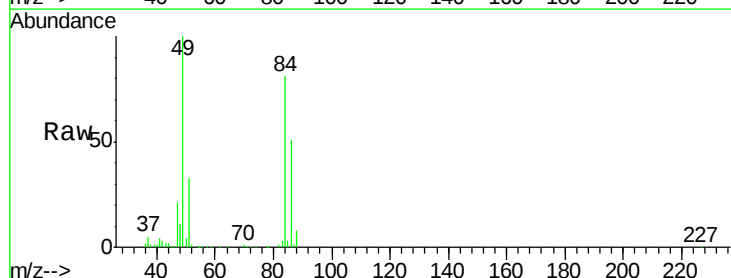
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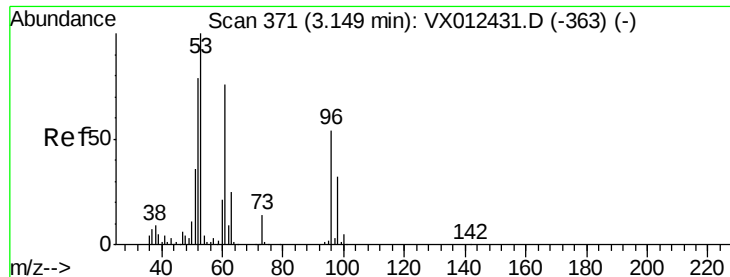
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#20
Methylene Chloride
Concen: 20.110 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX012520.D
Acq: 19 Sep 2019 12:04

Tgt Ion: 84 Resp: 35096
Ion Ratio Lower Upper
84 100
49 123.0 106.8 160.2
51 40.4 32.3 48.5
86 62.9 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 20.778 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.01 min

Lab File: VX012520.D

Acq: 19 Sep 2019 12:04

Instrument :

MSVOA_X

ClientSampleId :

VX0919WBS01

Tot Ion: 96 Resp: 27295

Ion Ratio Lower Upper

96 100

61 130.3 112.0 168.0

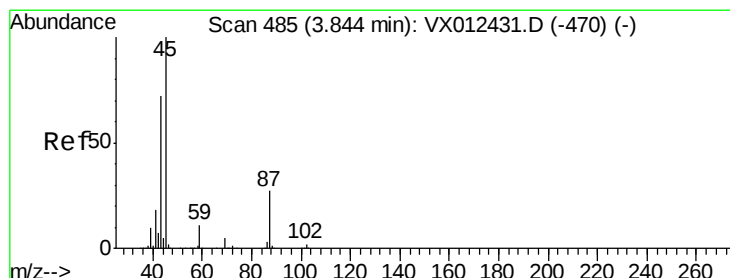
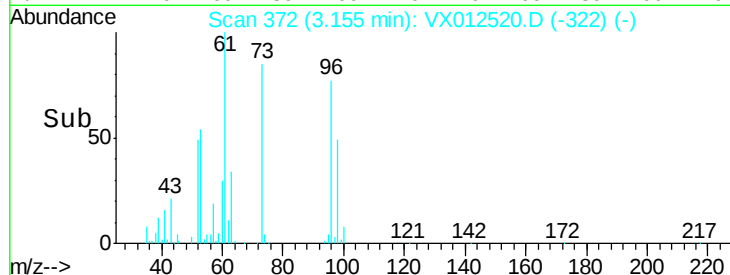
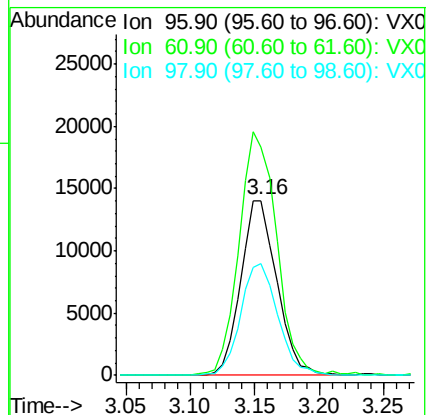
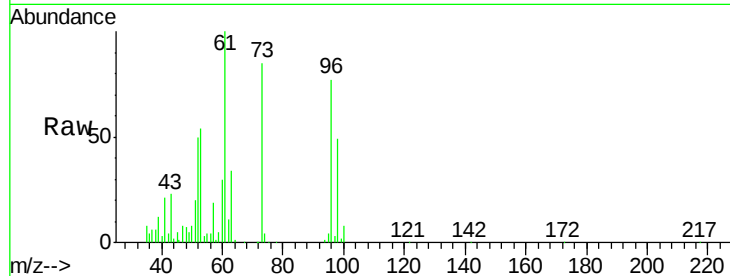
98 64.1 47.8 71.8

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#22

Diisopropyl ether

Concen: 20.247 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX012520.D

Acq: 19 Sep 2019 12:04

Tgt Ion: 45 Resp: 139616

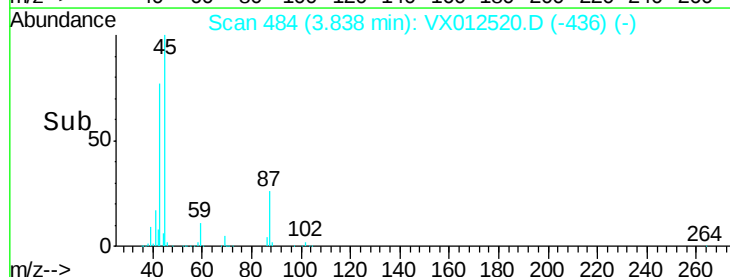
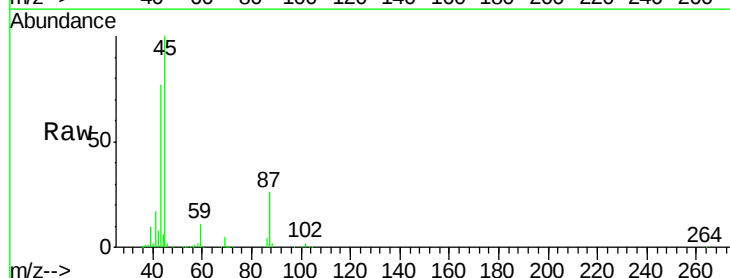
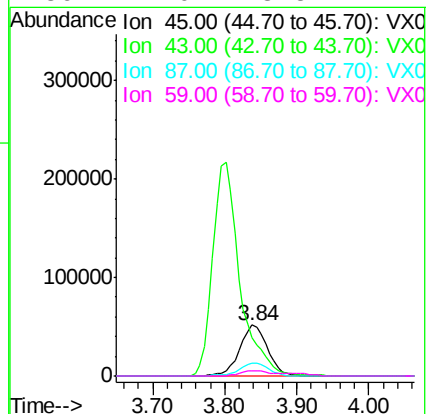
Ion Ratio Lower Upper

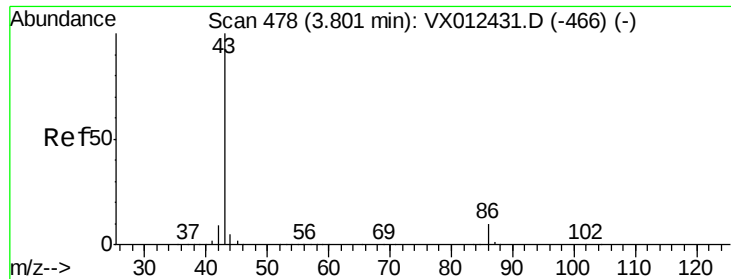
45 100

43 75.7 57.8 86.8

87 25.9 21.3 31.9

59 11.0 8.5 12.7





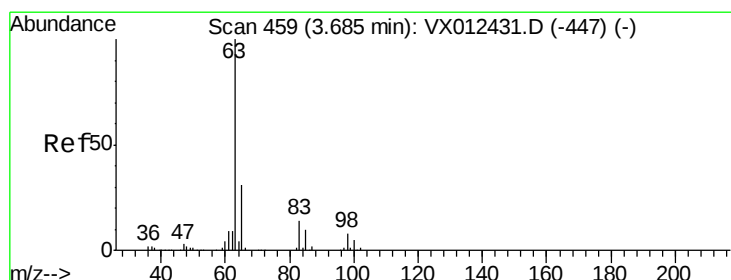
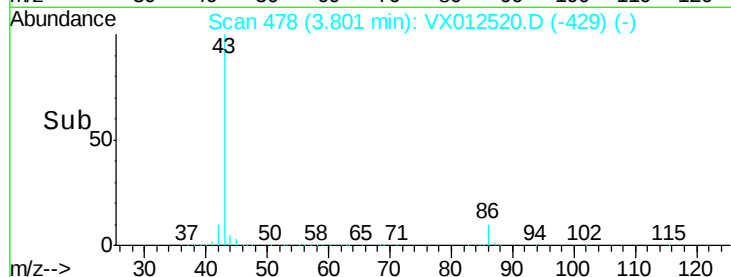
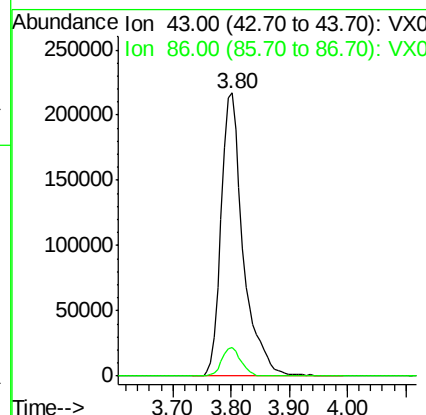
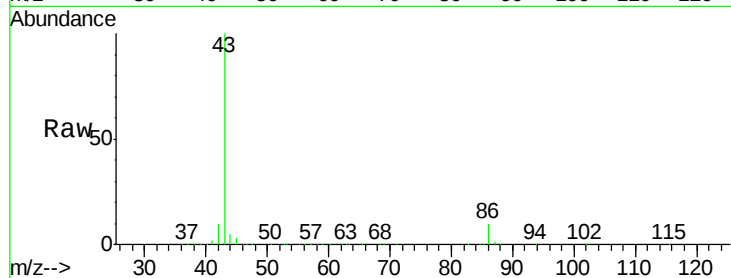
#23
 Vinyl Acetate
 Concen: 100.321 ug/l
 RT: 3.80 min Scan# 478
 Delta R.T. 0.00 min
 Lab File: VX012520.D
 Acq: 19 Sep 2019 12:04

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0919WBS01

Tot Ion	43	86	Resp	Lower	Upper
569071	100	10.3		7.8	11.8

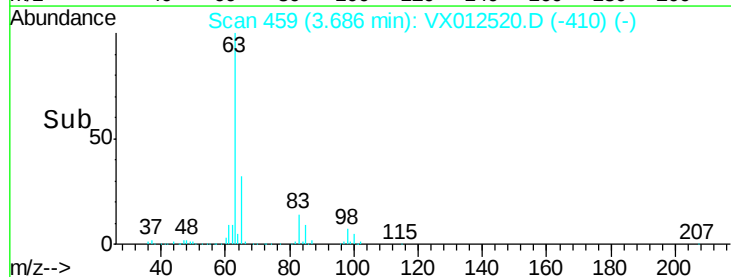
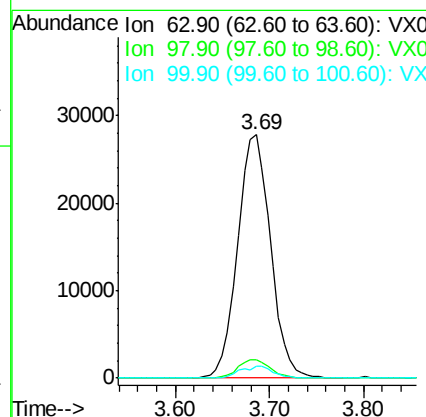
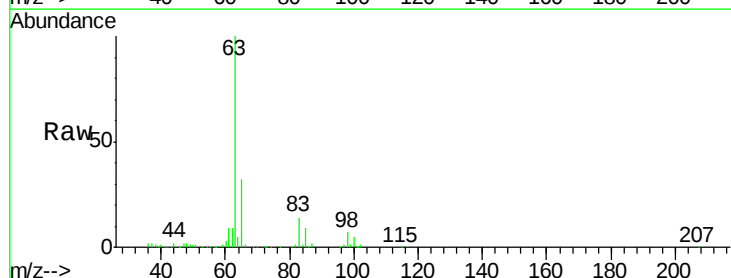
Manual Integrations
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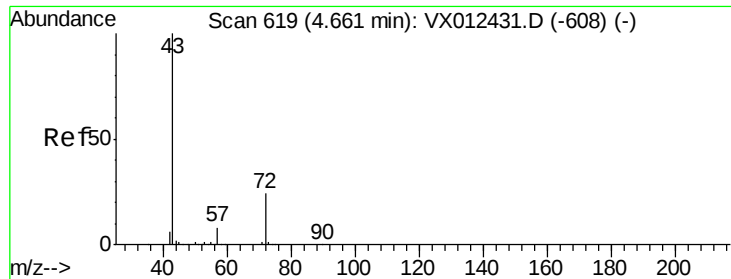
MMDadoda
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#24
 1,1-Dichloroethane
 Concen: 20.620 ug/l
 RT: 3.69 min Scan# 459
 Delta R.T. 0.00 min
 Lab File: VX012520.D
 Acq: 19 Sep 2019 12:04

Tgt Ion	63	98	100	Resp	Lower	Upper
68033	100	7.3	4.8		3.9	11.7
					2.3	6.9





#25

2-Butanone

Concen: 92.703 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX012520.D

Acq: 19 Sep 2019 12:04

Instrument :

MSVOA_X

ClientSampleId :

VX0919WBS01

Tot Ion: 43 Resp: 185438

Ion Ratio Lower Upper

43 100

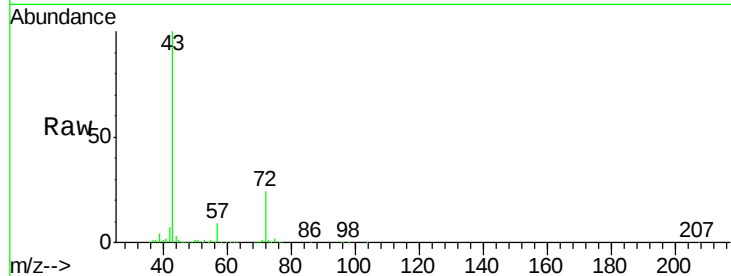
72 24.0 19.2 28.8

Manual Integrations

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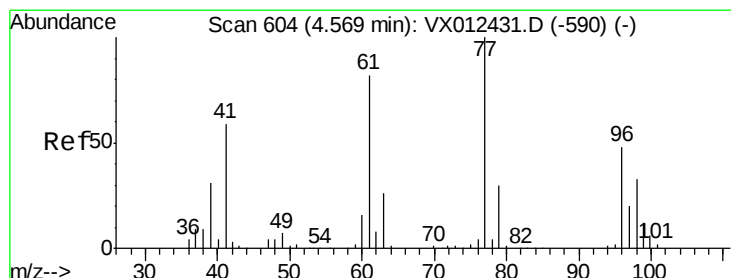
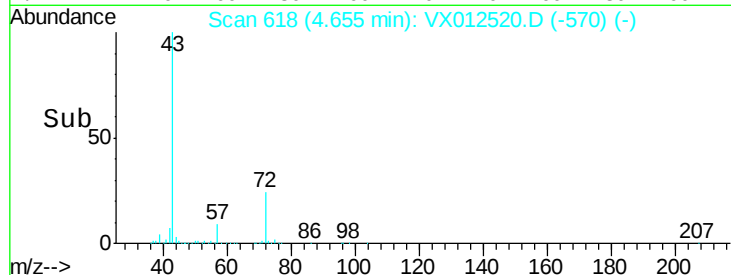
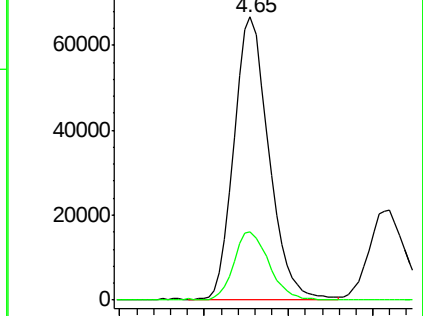
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 19.530 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX012520.D

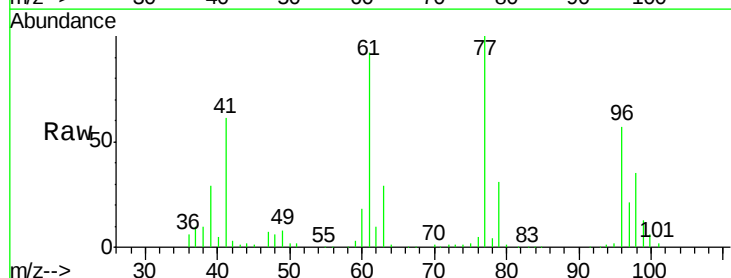
Acq: 19 Sep 2019 12:04

Tgt Ion: 77 Resp: 63373

Ion Ratio Lower Upper

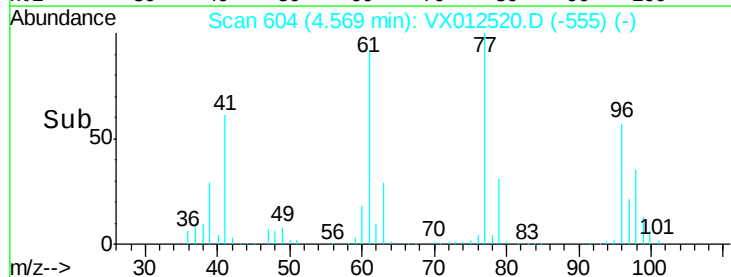
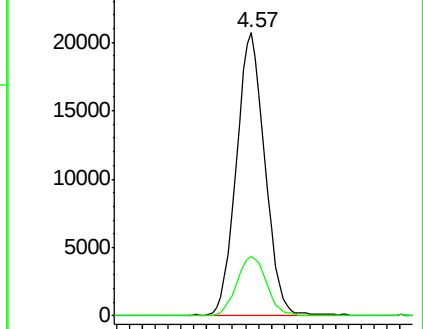
77 100

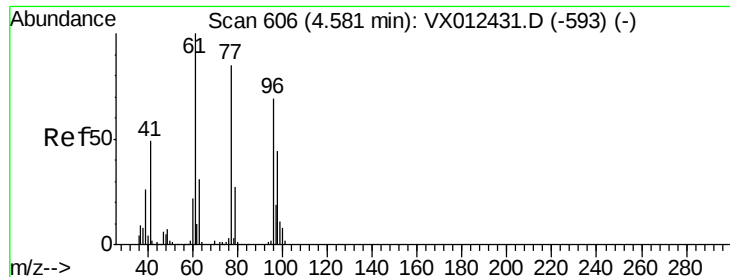
97 21.9 10.5 31.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

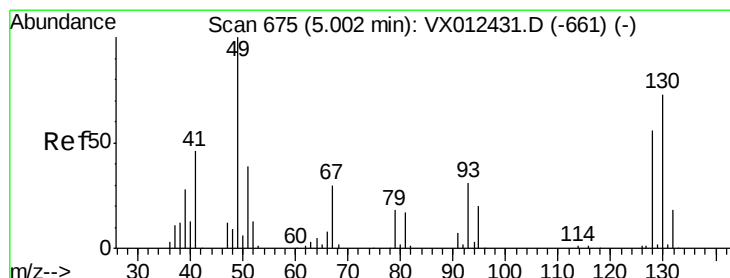
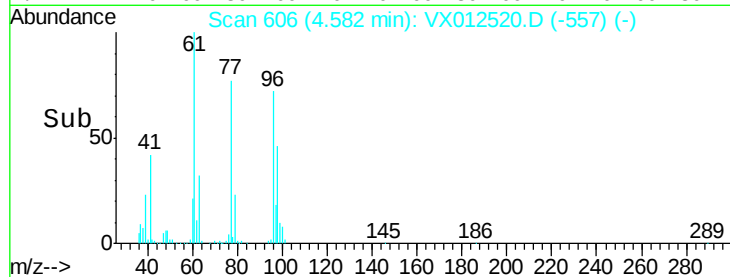
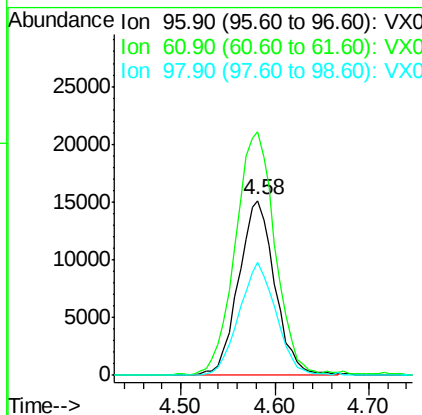
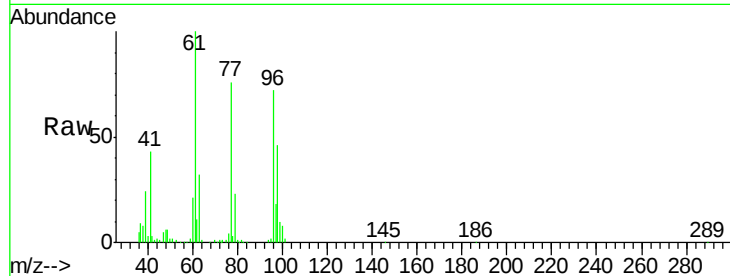
cis-1,2-Dichloroethene
 Concen: 20.691 ug/l
 RT: 4.58 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: VX012520.D
 Acq: 19 Sep 2019 12:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0919WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	152.9	0.0	319.4
98	66.1	0.0	130.6

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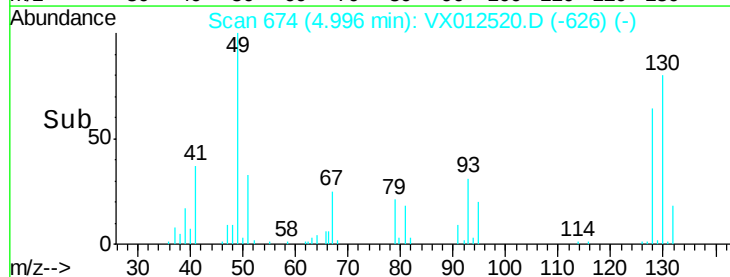
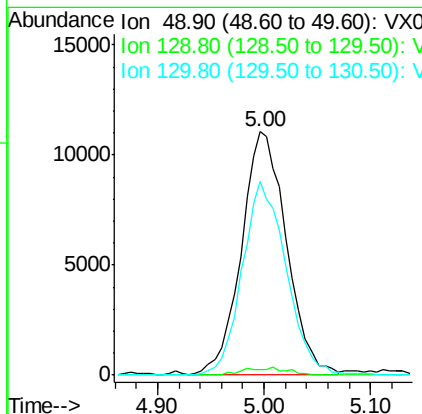
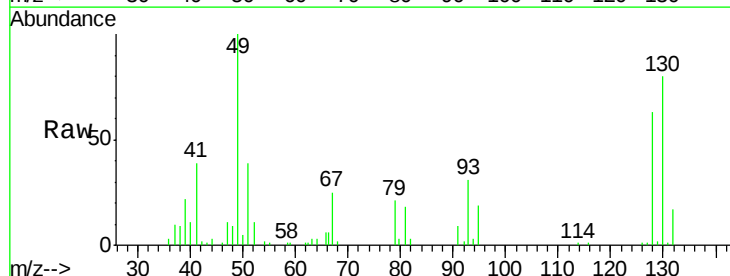
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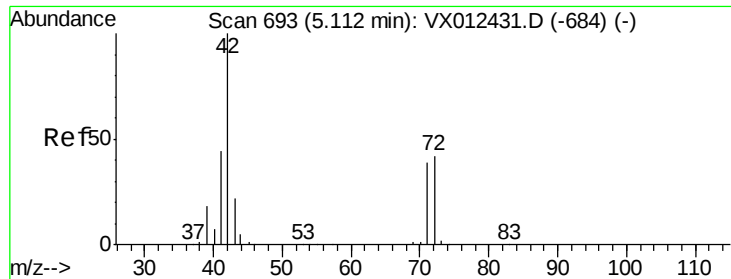


#28

Bromochloromethane
 Concen: 19.284 ug/l
 RT: 5.00 min Scan# 674
 Delta R.T. -0.01 min
 Lab File: VX012520.D
 Acq: 19 Sep 2019 12:04

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	3.8
130	77.7	58.2	87.4





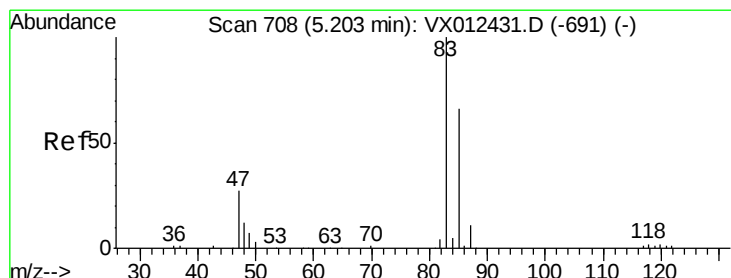
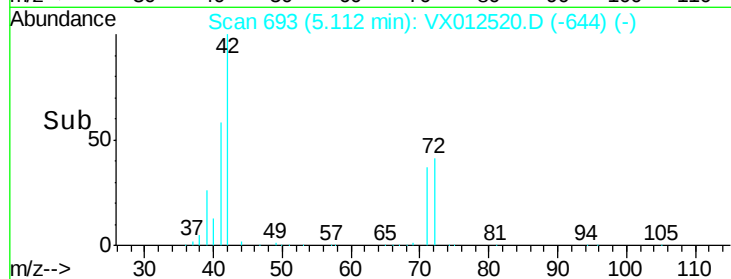
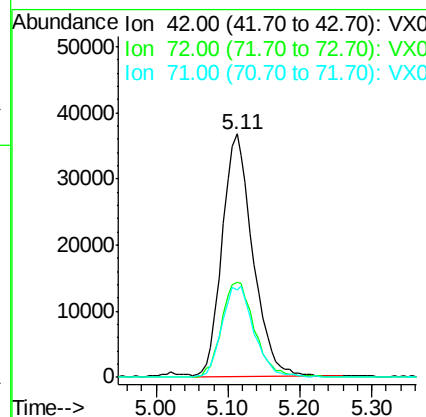
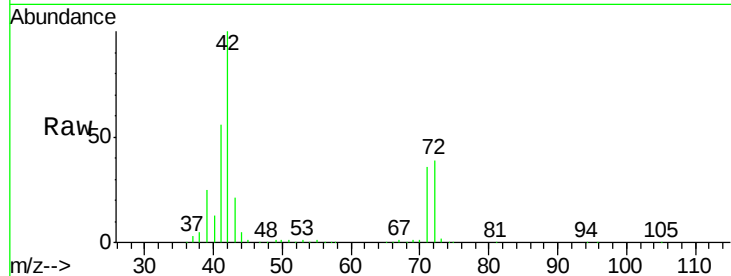
#29
Tetrahydrofuran
Concen: 97.934 ug/l
RT: 5.11 min Scan# 693
Delta R.T. 0.00 min
Lab File: VX012520.D
Acq: 19 Sep 2019 12:04

Instrument :
MSVOA_X
ClientSampleId :
VX0919WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.8	34.0	51.0
71	39.7	31.5	47.3

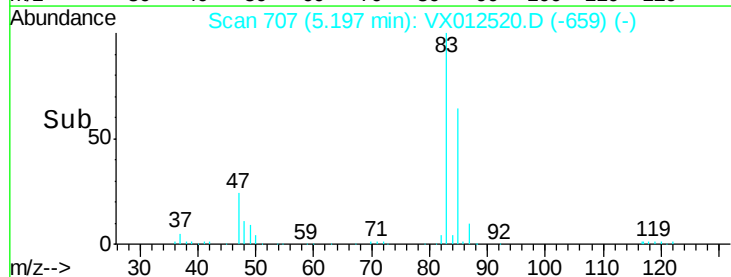
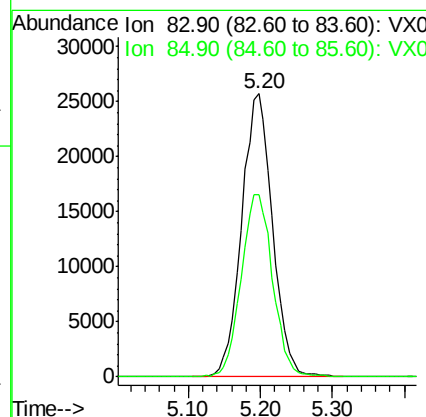
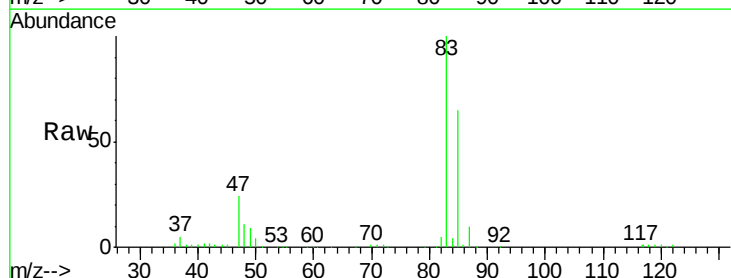
Manual Integrations
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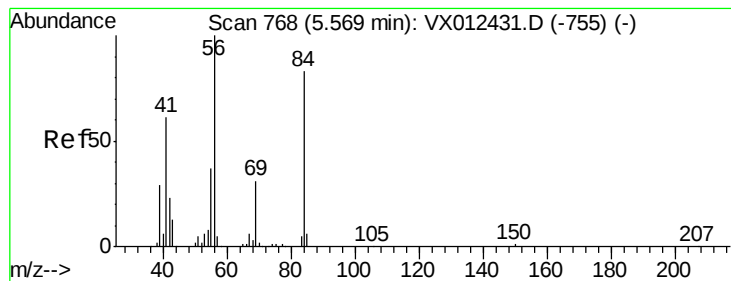
MMDadoda
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#30
Chloroform
Concen: 20.184 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX012520.D
Acq: 19 Sep 2019 12:04

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.3	53.0	79.4





#31

Cyclohexane

Concen: 20.806 ug/l

RT: 5.56 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX012520.D

Acq: 19 Sep 2019 12:04

Instrument :

MSVOA_X

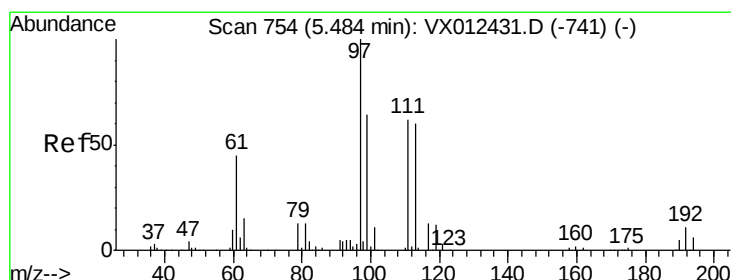
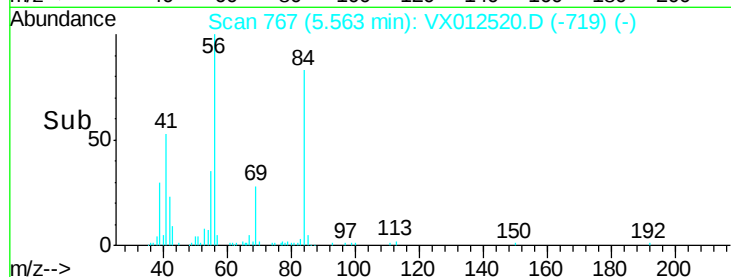
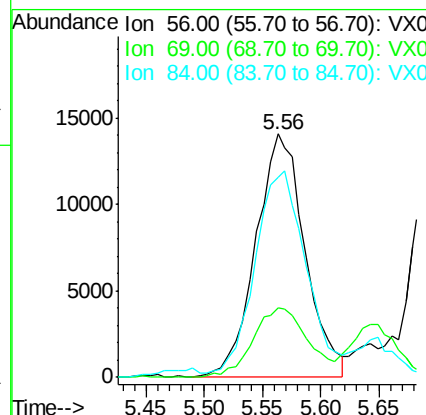
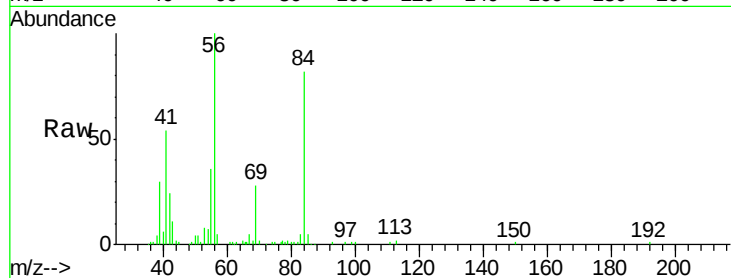
ClientSampleId :

VX0919WBS01

Tot Ion:	56	Resp:	41440
Ion Ratio	Lower	Upper	
56	100		
69	28.5	25.0	37.6
84	78.7	66.4	99.6

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#32

1,1,1-Trichloroethane

Concen: 20.334 ug/l

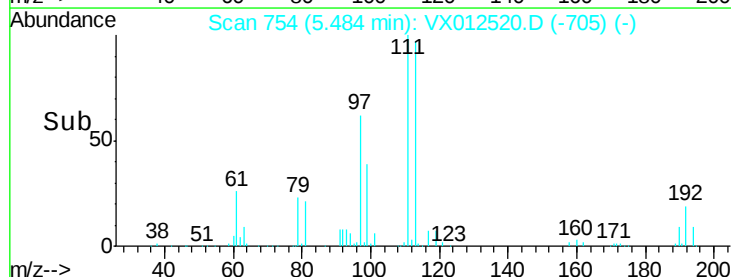
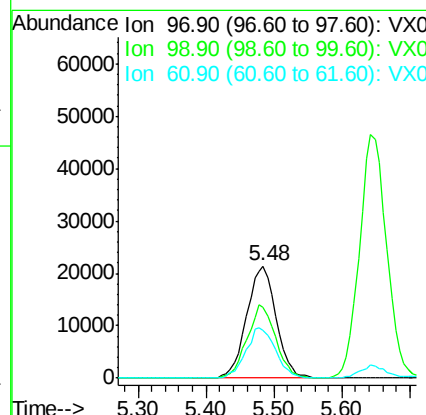
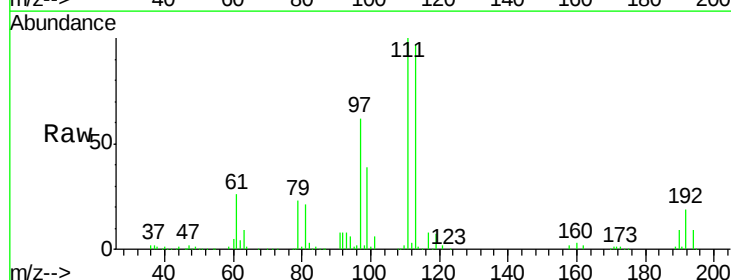
RT: 5.48 min Scan# 754

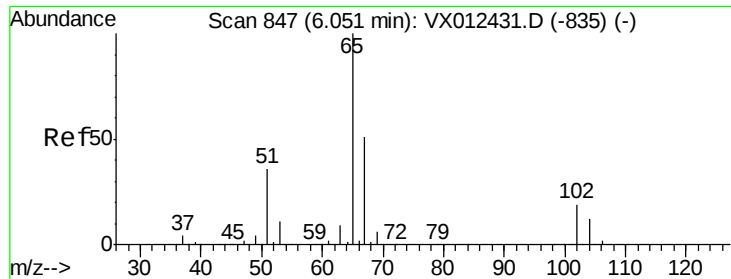
Delta R.T. 0.00 min

Lab File: VX012520.D

Acq: 19 Sep 2019 12:04

Tgt Ion:	97	Resp:	64398
Ion Ratio	Lower	Upper	
97	100		
99	63.3	51.3	76.9
61	45.1	36.1	54.1





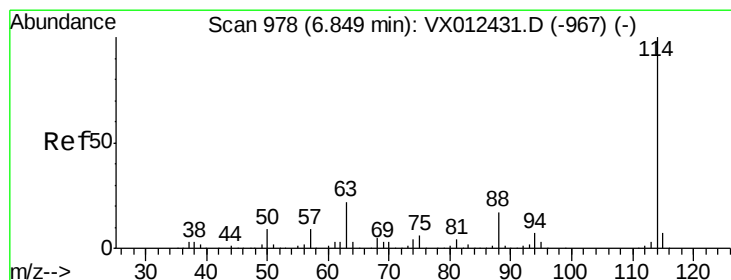
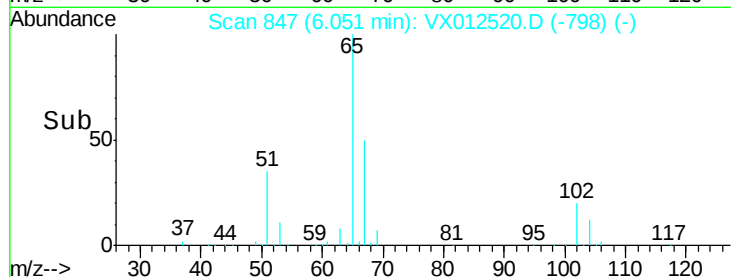
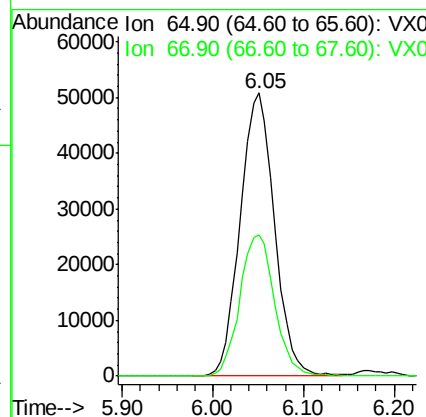
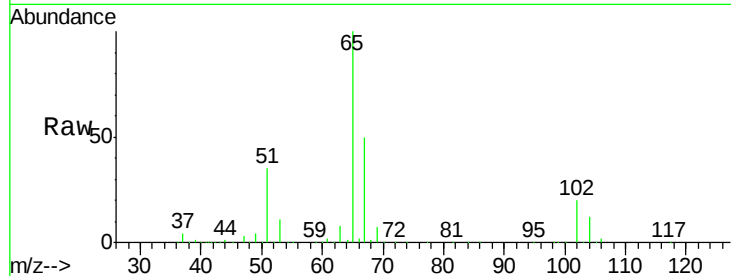
#33
 1,2-Dichloroethane-d4
 Concen: 46.225 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX012520.D
 Acq: 19 Sep 2019 12:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0919WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	133299		
67	50.7	0.0	101.2	

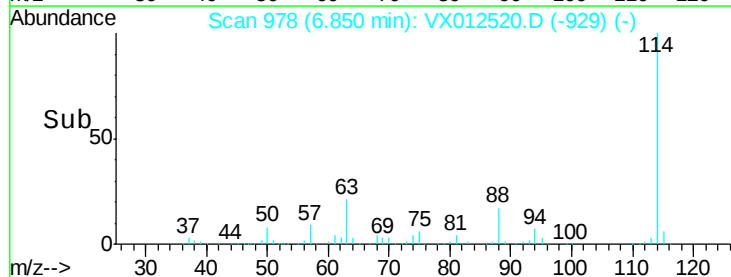
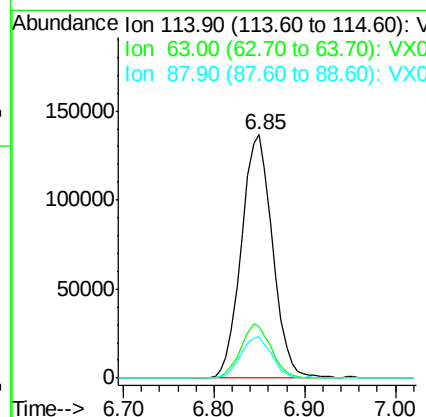
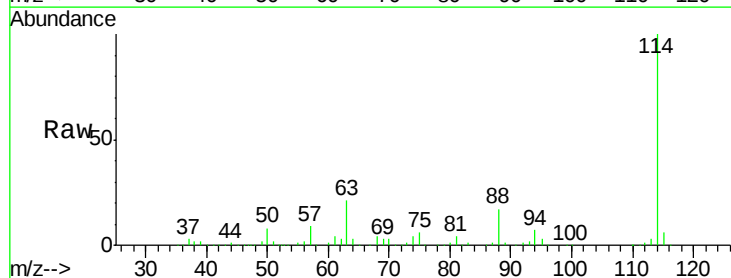
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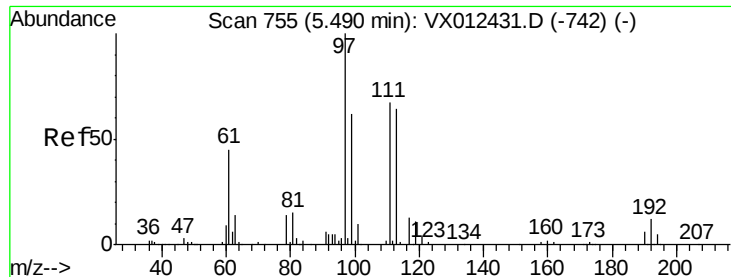
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012520.D
 Acq: 19 Sep 2019 12:04

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	325376		
63	21.3	0.0	43.2	
88	17.0	0.0	33.2	





#35

Dibromofluoromethane

Concen: 49.771 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX012520.D

Acq: 19 Sep 2019 12:04

Instrument :

MSVOA_X

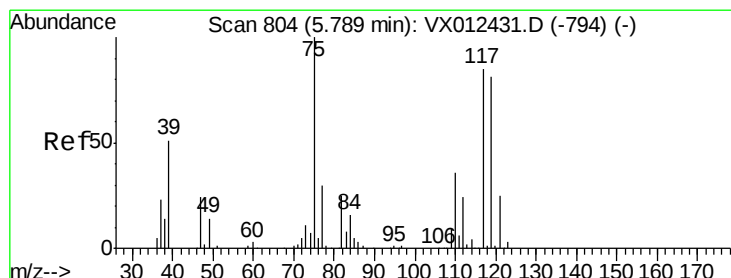
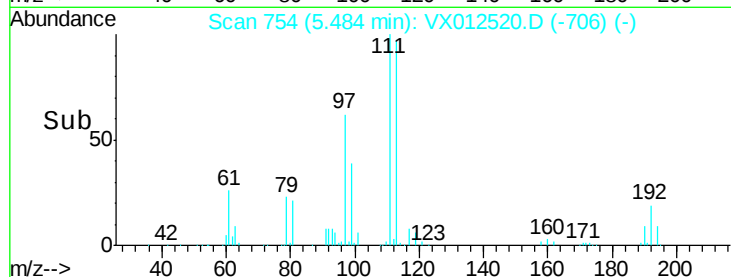
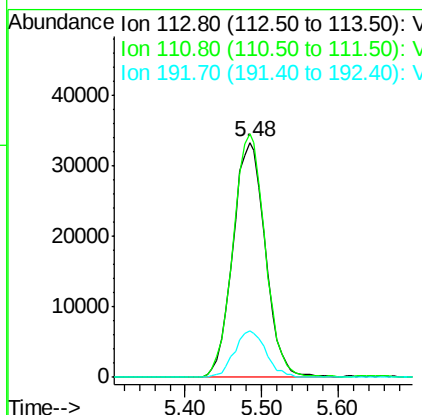
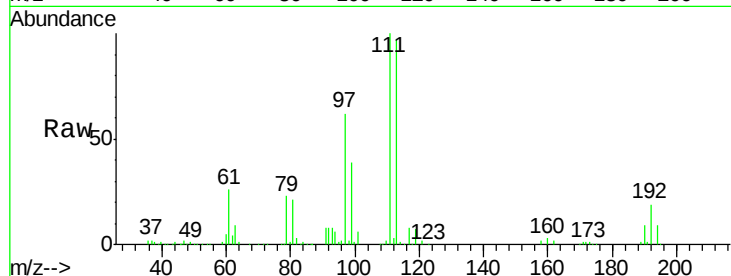
ClientSampleId :

VX0919WBS01

Tot Ion:	113	Resp:	98017
Ion	Ratio	Lower	Upper
113	100		
111	101.9	83.4	125.2
192	19.2	14.4	21.6

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#36

1,1-Dichloropropene

Concen: 21.599 ug/l

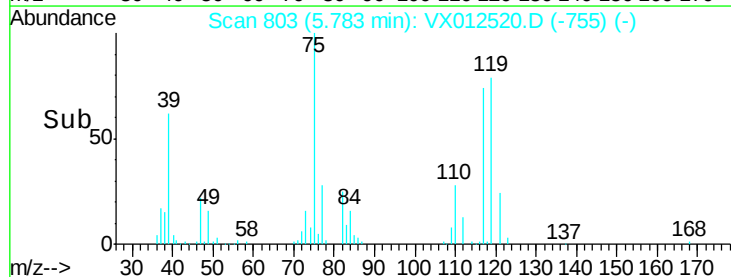
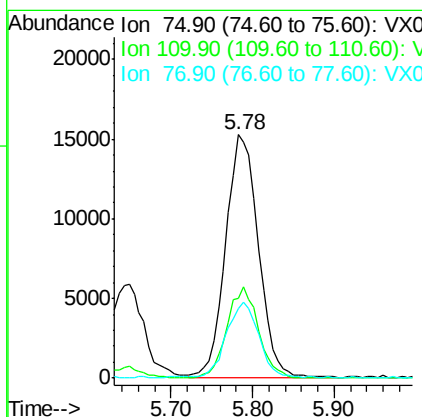
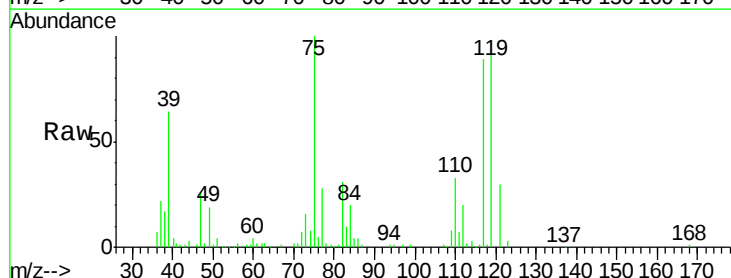
RT: 5.78 min Scan# 803

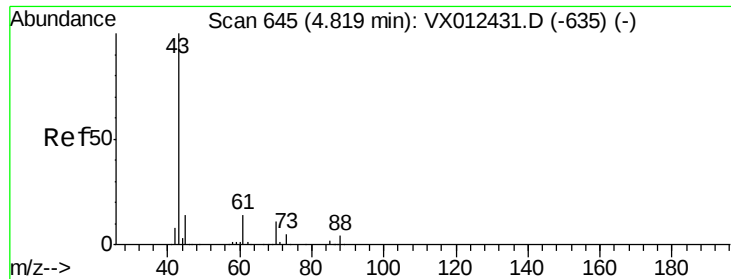
Delta R.T. -0.01 min

Lab File: VX012520.D

Acq: 19 Sep 2019 12:04

Tgt Ion:	75	Resp:	42711
Ion	Ratio	Lower	Upper
75	100		
110	35.6	16.7	50.0
77	30.7	24.2	36.2





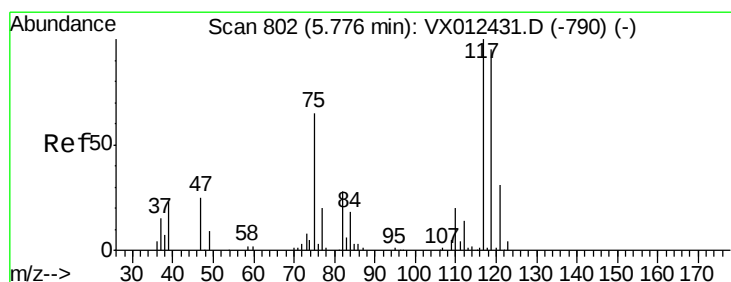
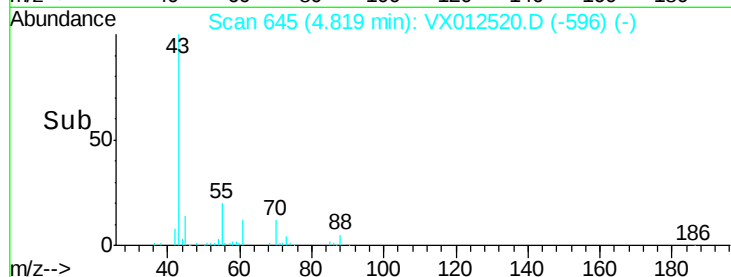
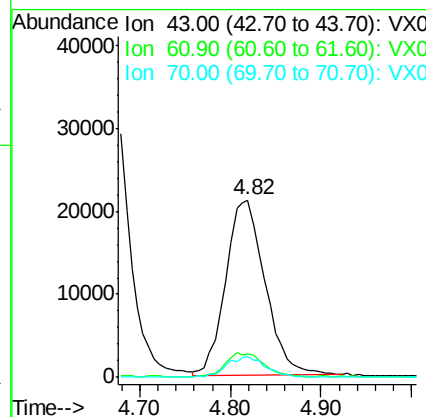
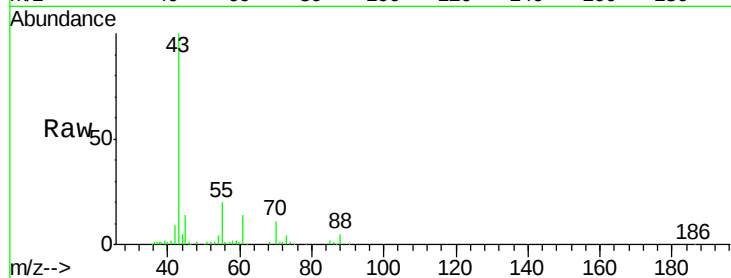
#37
Ethyl Acetate
Concen: 20.937 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX012520.D
Acq: 19 Sep 2019 12:04

Instrument :
MSVOA_X
ClientSampleId :
VX0919WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.2	10.2	15.4
70	11.8	8.7	13.1

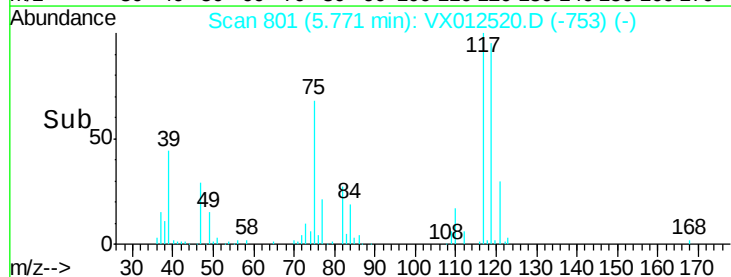
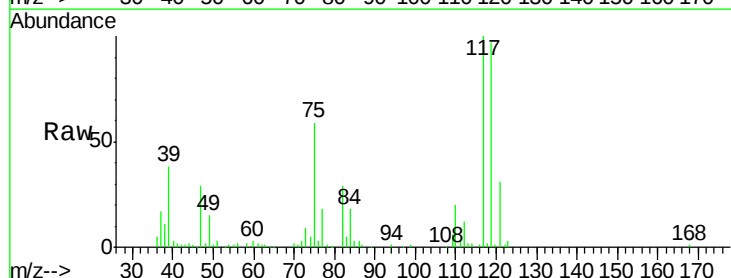
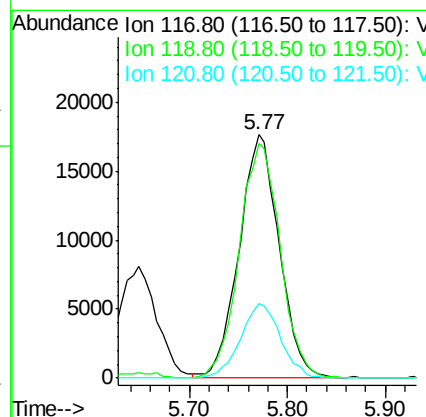
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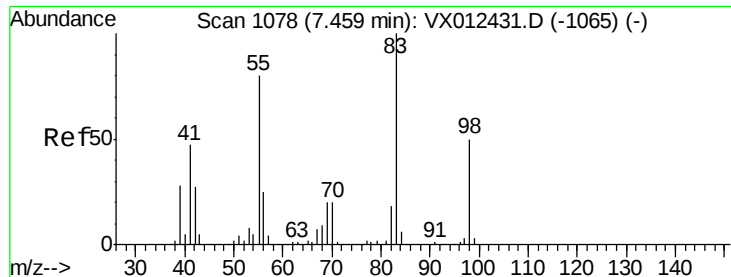
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#38
Carbon Tetrachloride
Concen: 20.444 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX012520.D
Acq: 19 Sep 2019 12:04

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.6	75.7	113.5
121	30.9	24.2	36.4





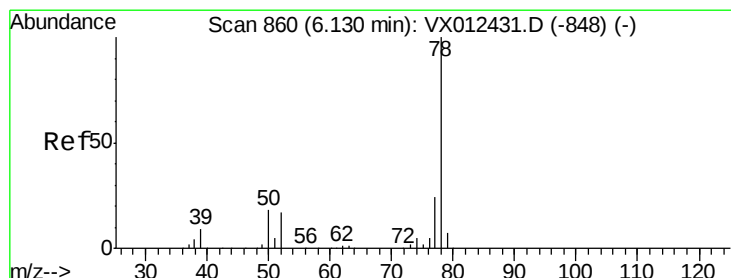
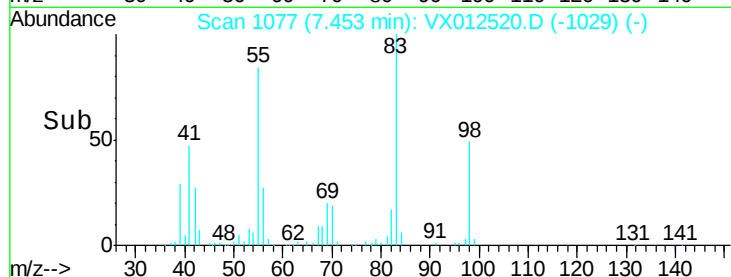
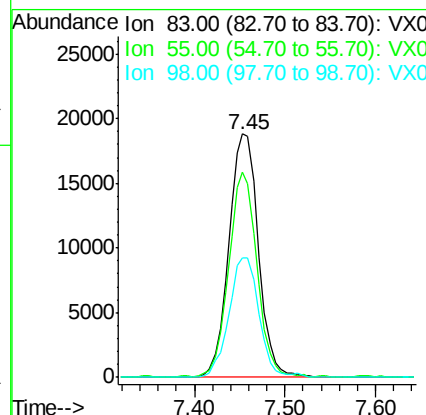
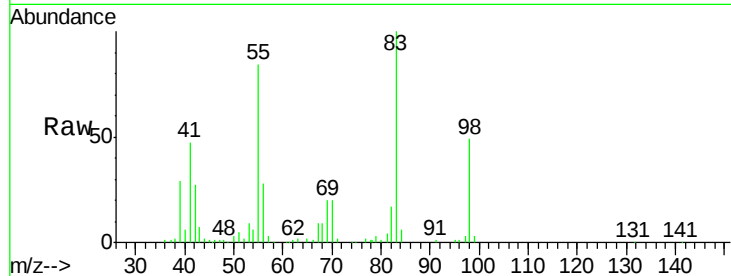
#39
Methvlcvclohexane
Concen: 22.293 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX012520.D
Acq: 19 Sep 2019 12:04

Instrument :
MSVOA_X
ClientSampled :
VX0919WBS01

Tot Ion	83	Resp	42856
Ion Ratio	100	Lower	Upper
83	100		
55	84.1	64.4	96.6
98	49.2	40.1	60.1

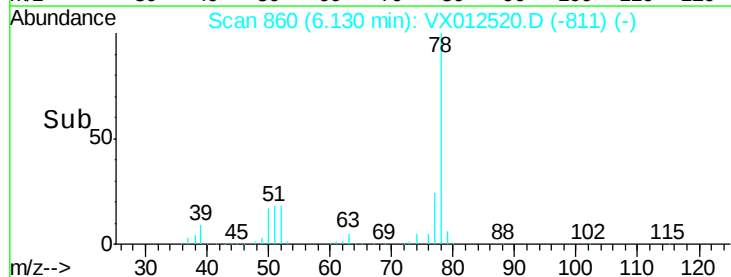
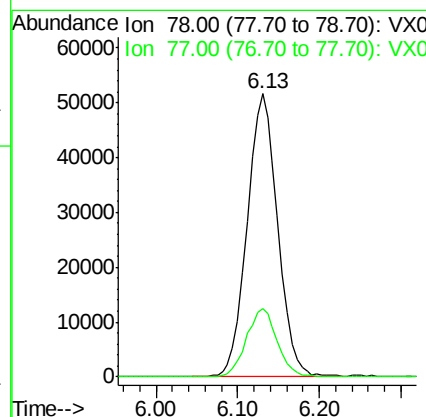
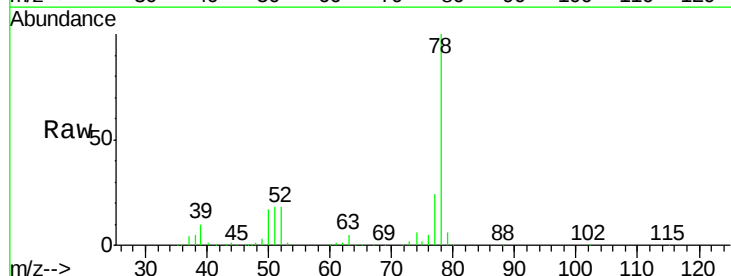
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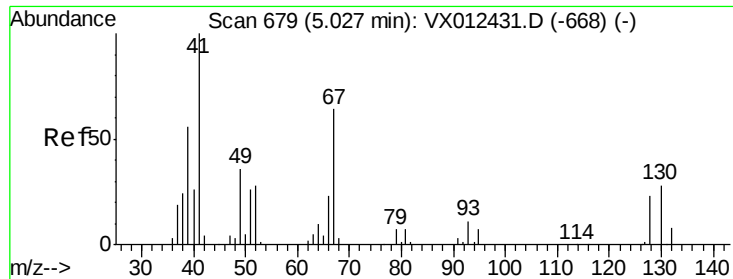
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#40
Benzene
Concen: 21.388 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX012520.D
Acq: 19 Sep 2019 12:04

Tgt Ion	78	Resp	134493
Ion Ratio	100	Lower	Upper
78	100		
77	24.3	19.2	28.8





#41

Methacrylonitrile

Concen: 19.788 ug/l

RT: 5.02 min Scan# 678

Delta R.T. -0.01 min

Lab File: VX012520.D

Acq: 19 Sep 2019 12:04

Instrument :

MSVOA_X

ClientSampleId :

VX0919WBS01

Tot Ion: 41 Resp: 38675

Ion Ratio Lower Upper

41 100

39 55.6 46.0 69.0

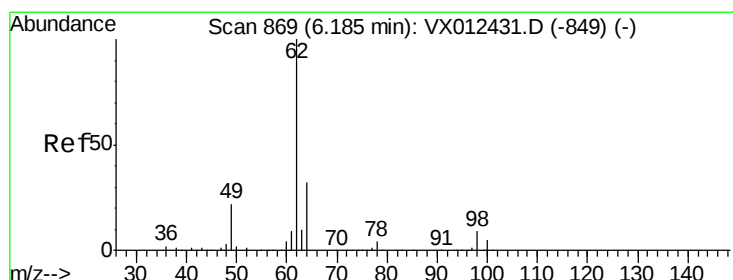
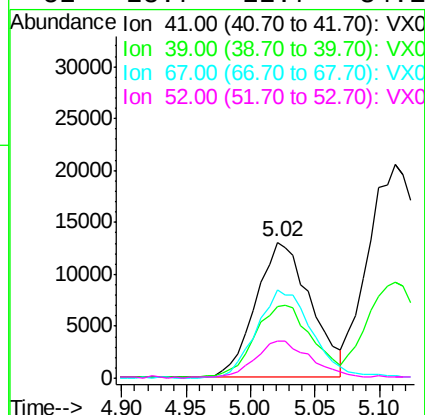
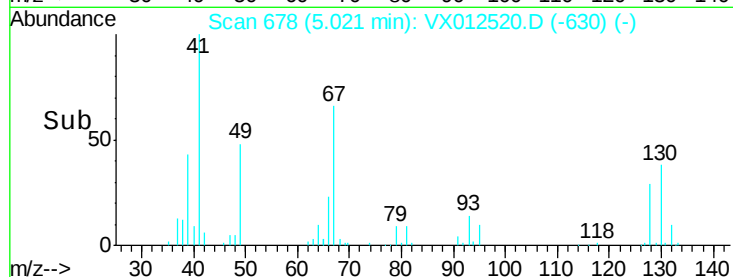
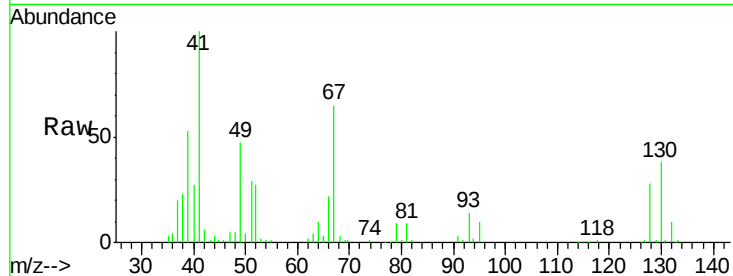
67 67.1 52.2 78.2

52 28.7 22.7 34.1

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#42

1,2-Dichloroethane

Concen: 20.976 ug/l

RT: 6.17 min Scan# 867

Delta R.T. -0.01 min

Lab File: VX012520.D

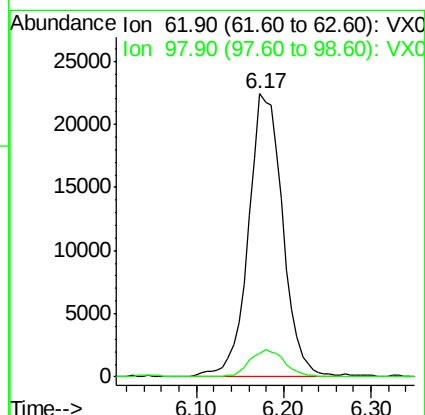
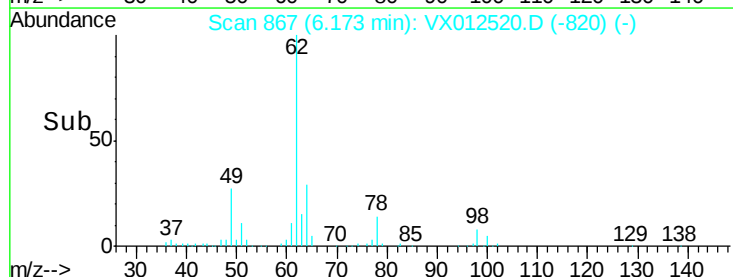
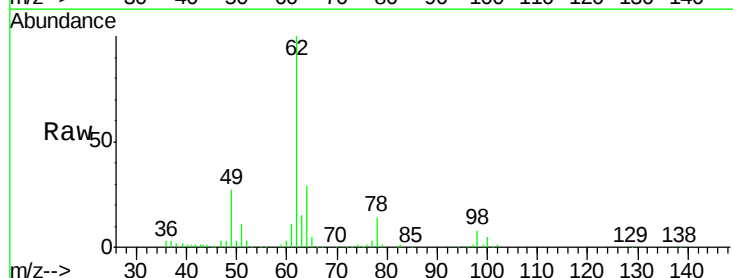
Acq: 19 Sep 2019 12:04

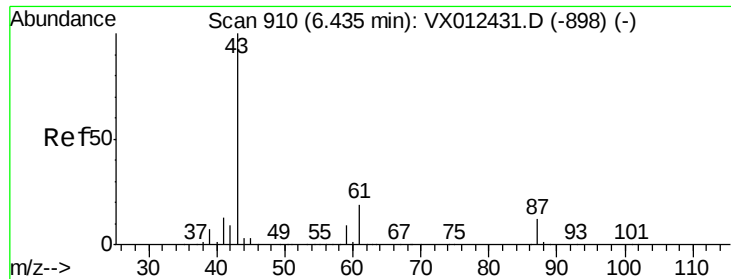
Tgt Ion: 62 Resp: 61179

Ion Ratio Lower Upper

62 100

98 9.9 0.0 17.8





#43

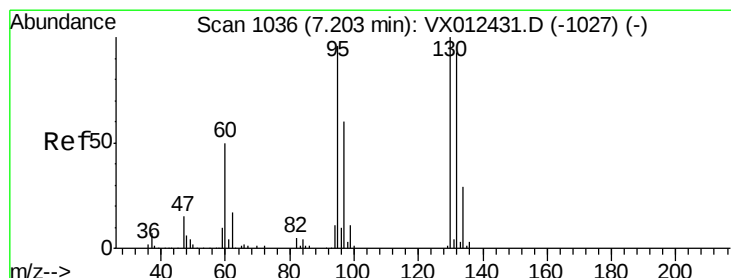
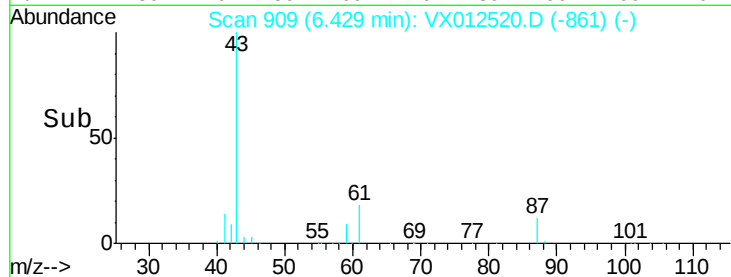
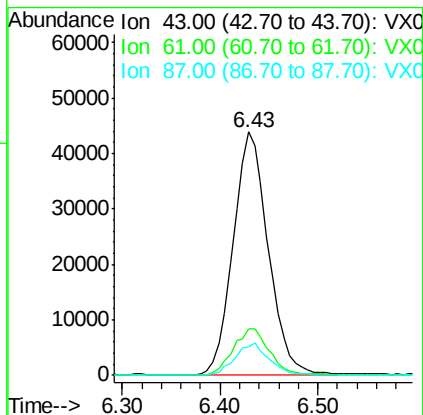
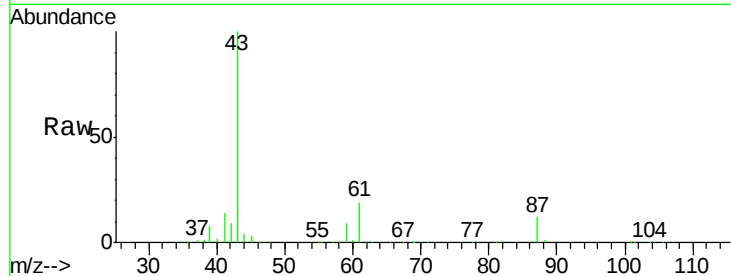
Isopropyl Acetate
 Concen: 19.928 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX012520.D
 Acq: 19 Sep 2019 12:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0919WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.1	15.4	23.0
87	13.1	9.8	14.8

Manual Integrations
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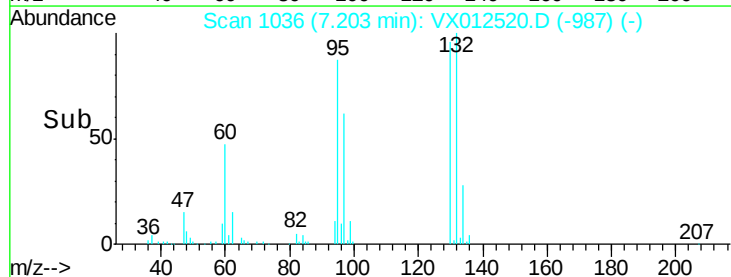
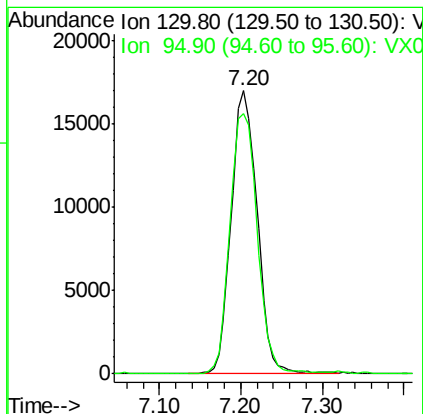
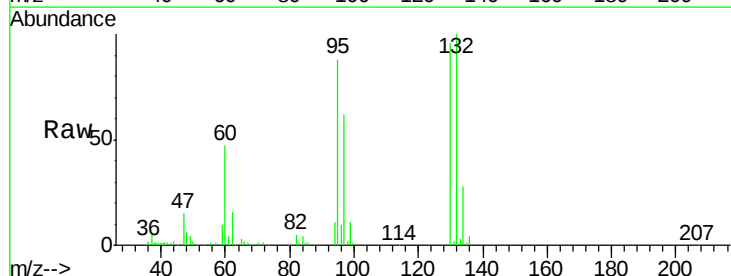
MMDadoda
 9/20/2019 11:43:32 AM

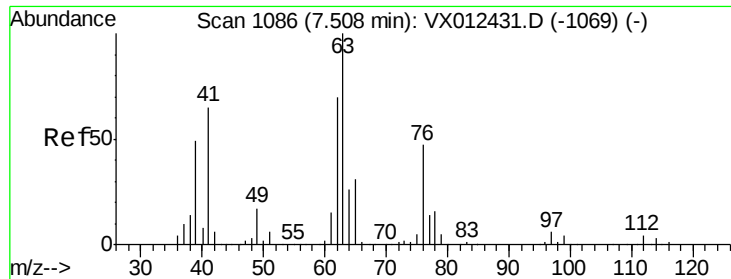


#44

Trichloroethene
 Concen: 22.604 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: VX012520.D
 Acq: 19 Sep 2019 12:04

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.8	0.0	193.0





#45

1,2-Dichloropropane

Concen: 20.793 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX012520.D

Acq: 19 Sep 2019 12:04

Instrument :

MSVOA_X

ClientSampleId :

VX0919WBS01

Tot Ion: 63 Resp: 40170

Ion Ratio Lower Upper

63 100

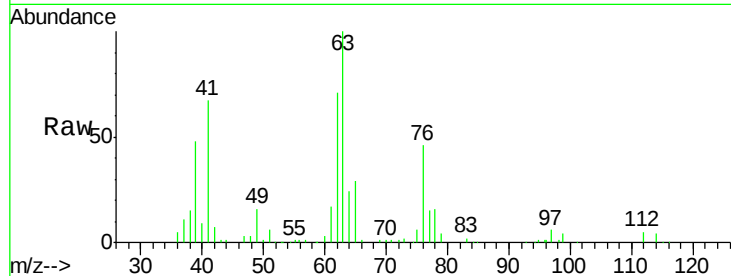
65 28.7 25.0 37.6

Manual Integrations

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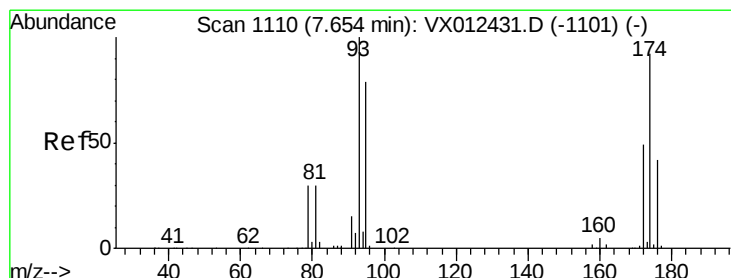
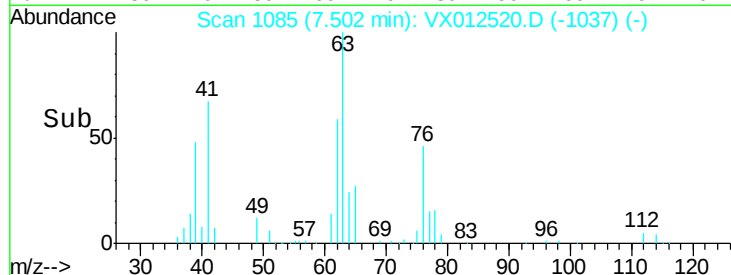
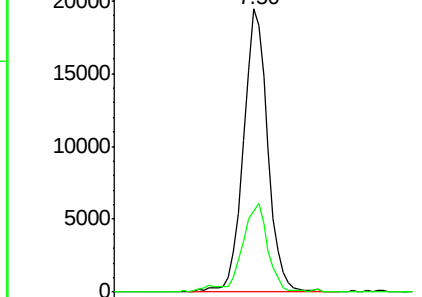
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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 21.391 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX012520.D

Acq: 19 Sep 2019 12:04

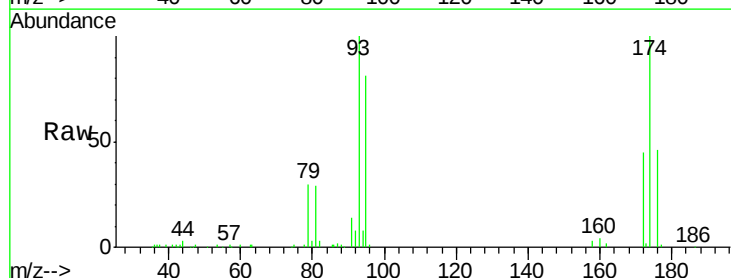
Tgt Ion: 93 Resp: 26743

Ion Ratio Lower Upper

93 100

95 80.8 66.6 100.0

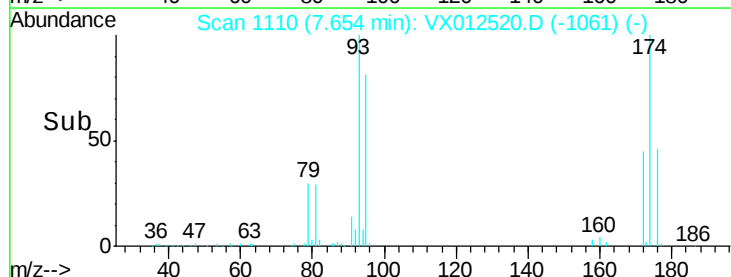
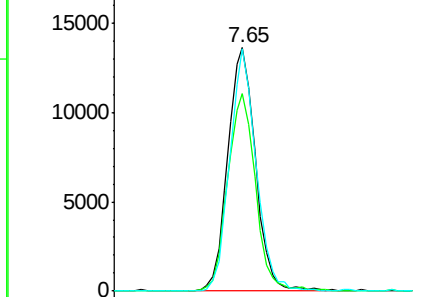
174 94.5 77.4 116.0

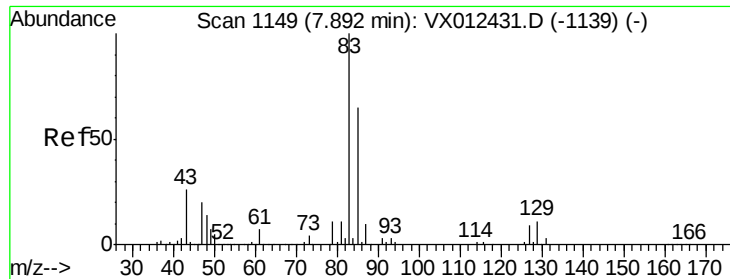


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 20.753 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX012520.D

Acq: 19 Sep 2019 12:04

Instrument :

MSVOA_X

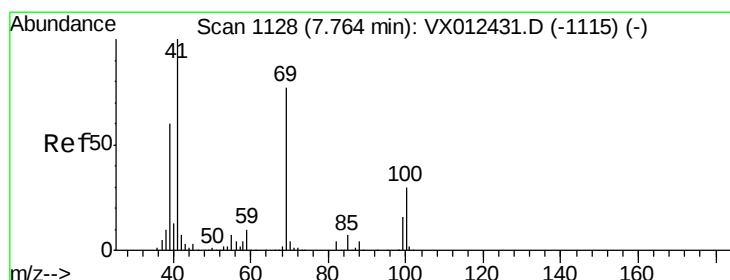
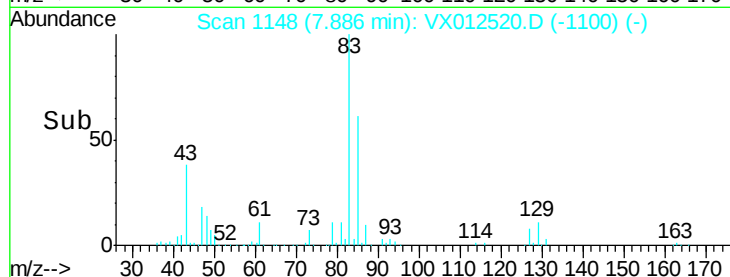
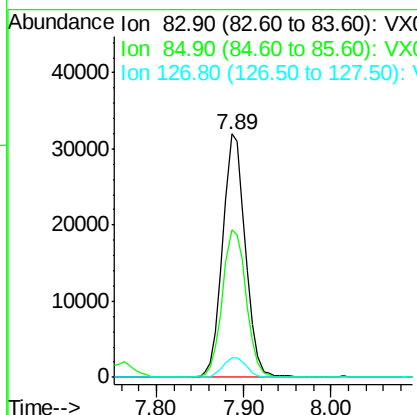
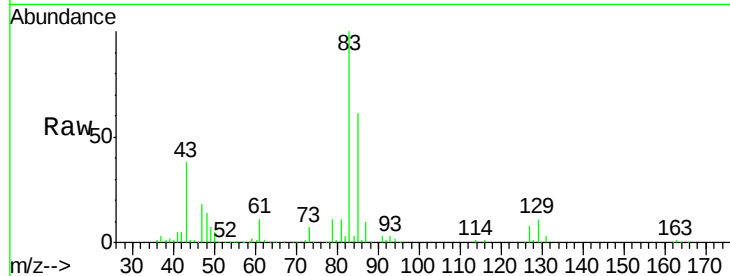
ClientSampleId :

VX0919WBS01

Tot Ion:	83	Resp:	57769
Ion	Ratio	Lower	Upper
83	100		
85	60.8	51.8	77.6
127	8.0	7.3	10.9

Manual Integrations
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#48

Methyl methacrylate

Concen: 19.758 ug/l

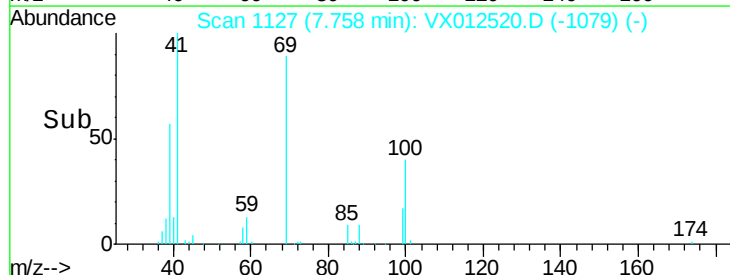
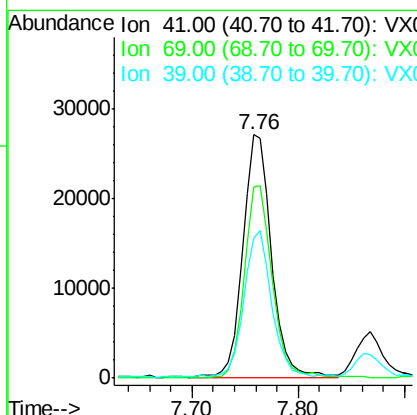
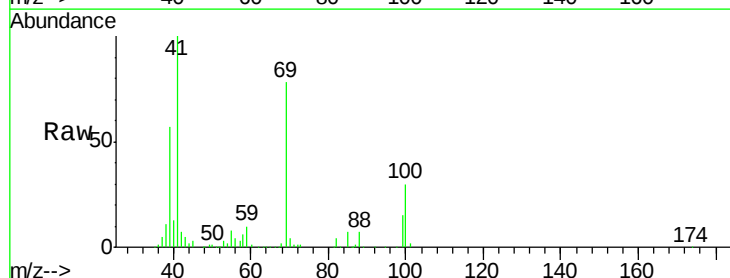
RT: 7.76 min Scan# 1127

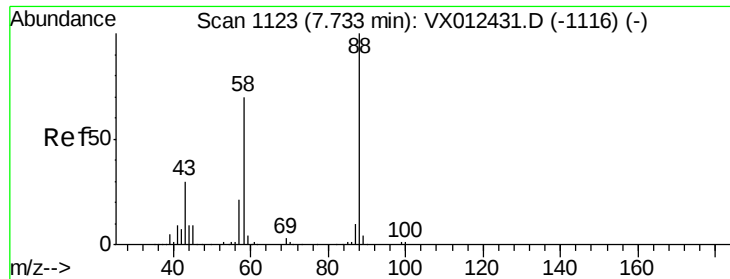
Delta R.T. -0.01 min

Lab File: VX012520.D

Acq: 19 Sep 2019 12:04

Tgt Ion:	41	Resp:	50741
Ion	Ratio	Lower	Upper
41	100		
69	79.0	59.9	89.9
39	58.6	47.8	71.6





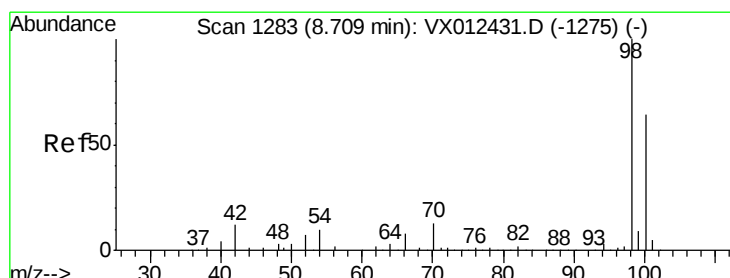
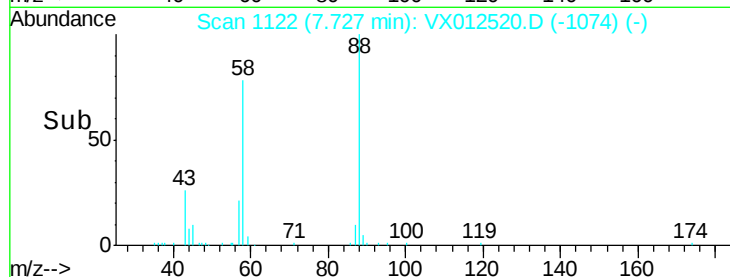
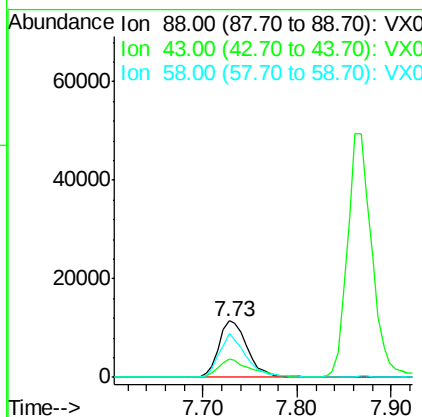
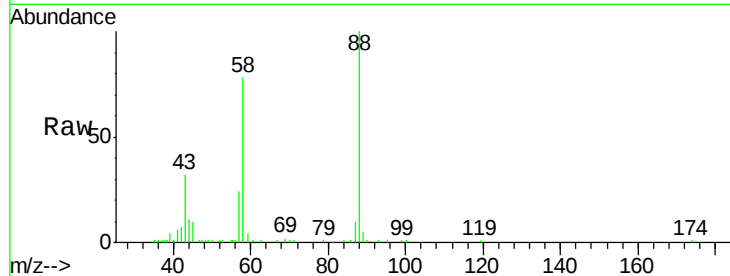
#49
1,4-Dioxane
Concen: 390.709 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX012520.D
Acq: 19 Sep 2019 12:04

Instrument :
MSVOA_X
ClientSampleId :
VX0919WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.1	29.4	44.0
58	72.7	57.5	86.3

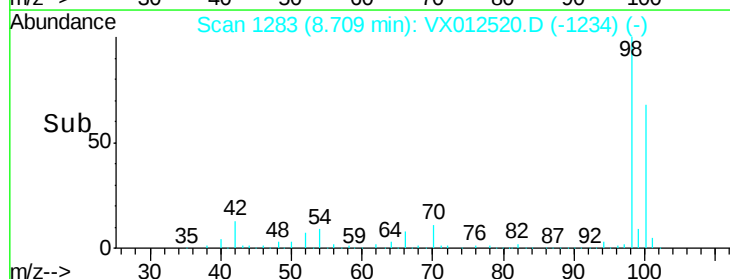
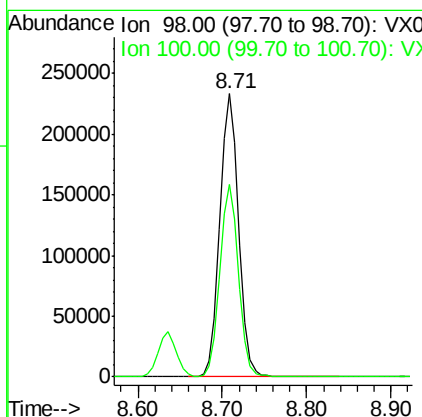
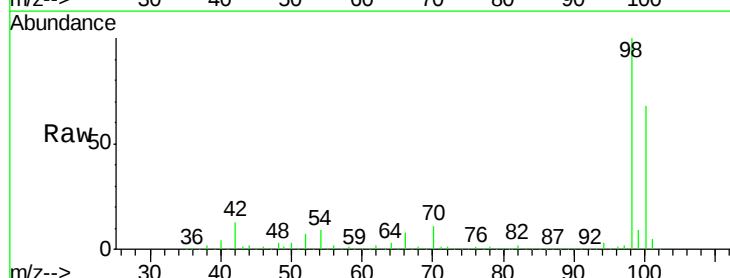
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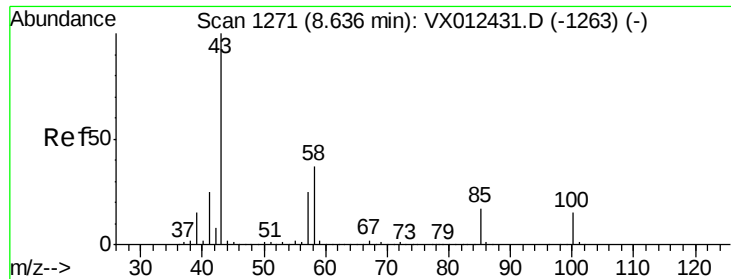
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#50
Toluene-d8
Concen: 49.681 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012520.D
Acq: 19 Sep 2019 12:04

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.0	53.4	80.2





#51

4-Methyl-2-Pentanone

Concen: 100.329 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX012520.D

Acq: 19 Sep 2019 12:04

Instrument :

MSVOA_X

ClientSampled :

VX0919WBS01

Tot Ion: 43 Resp: 358455

Ion Ratio Lower Upper

43 100

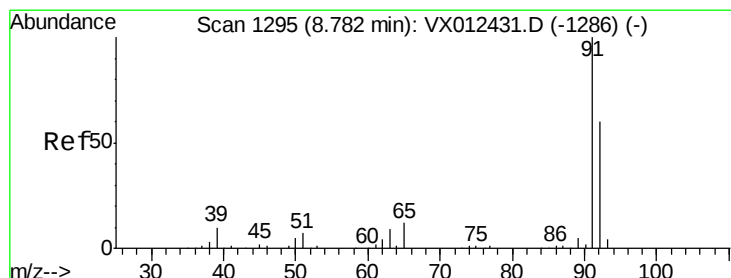
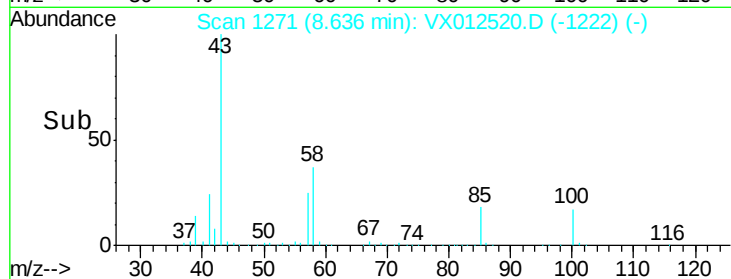
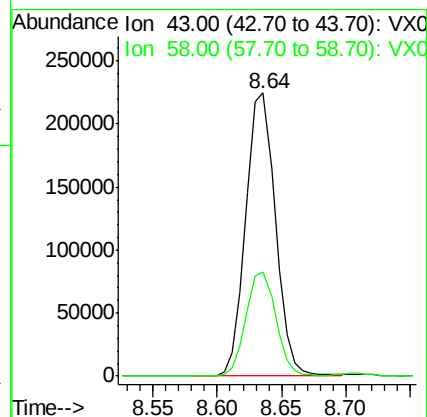
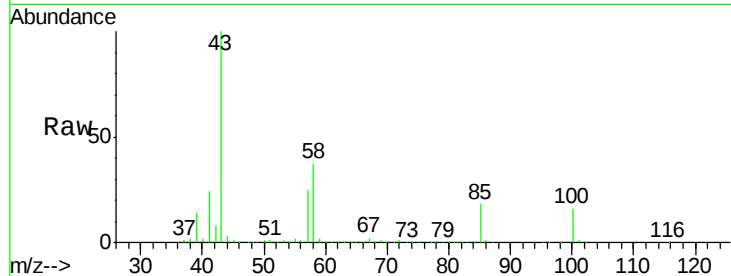
58 37.2 29.8 44.6

Manual Integrations

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#52

Toluene

Concen: 21.952 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX012520.D

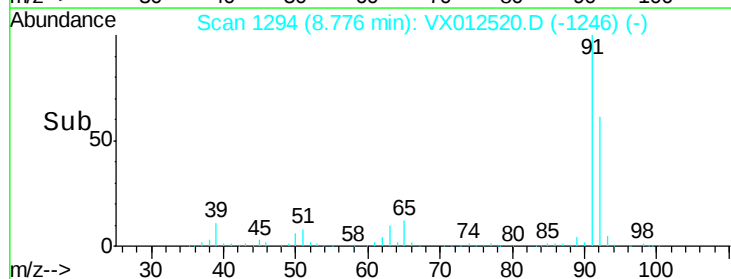
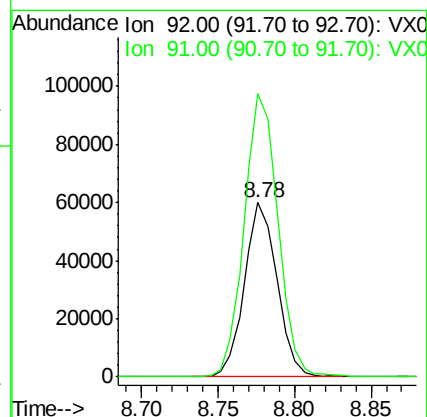
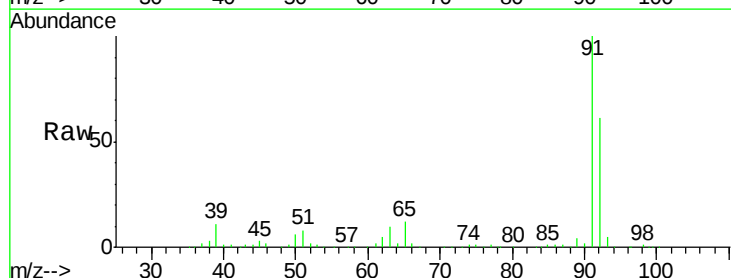
Acq: 19 Sep 2019 12:04

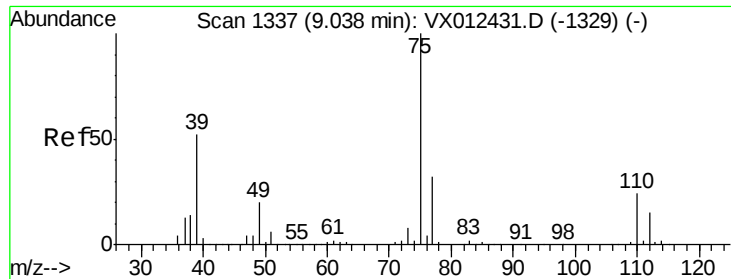
Tgt Ion: 92 Resp: 88951

Ion Ratio Lower Upper

92 100

91 168.3 135.4 203.0





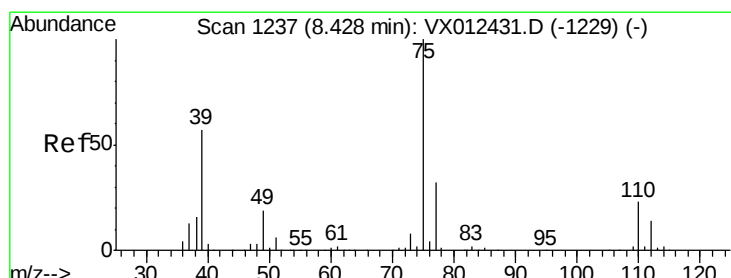
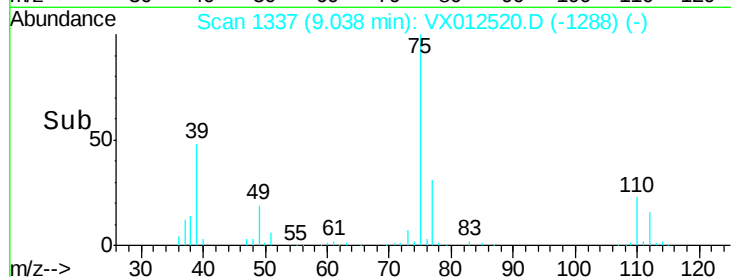
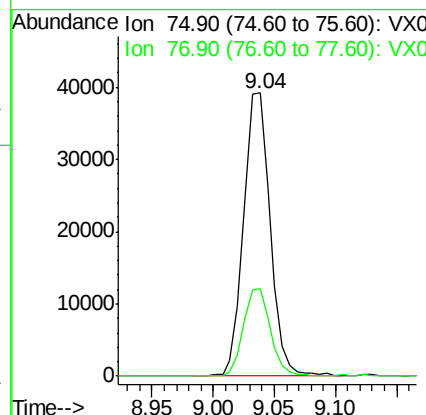
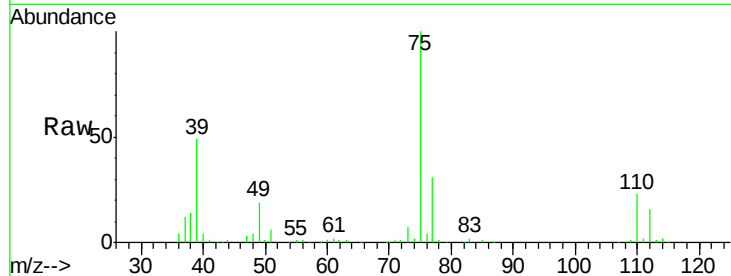
#53
 t-1,3-Dichloropropene
 Concen: 20.456 ug/l
 RT: 9.04 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VX012520.D
 Acq: 19 Sep 2019 12:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0919WBS01

Tot Ion: 75 Resp: 59193
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.2 37.8

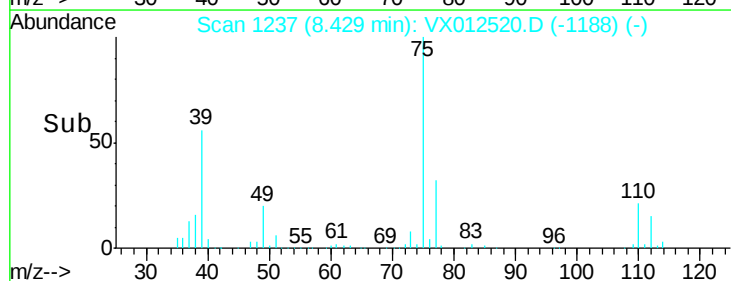
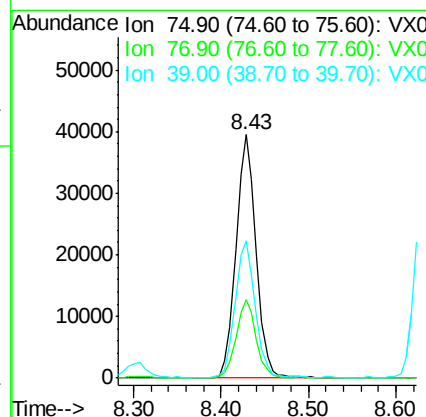
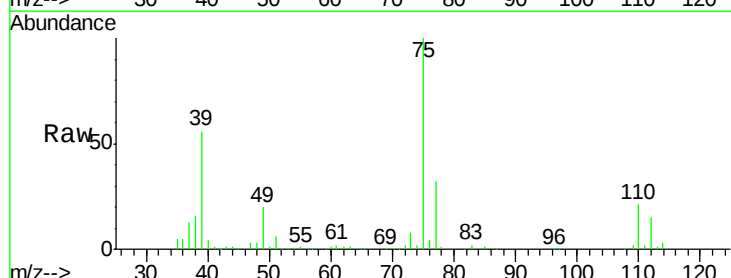
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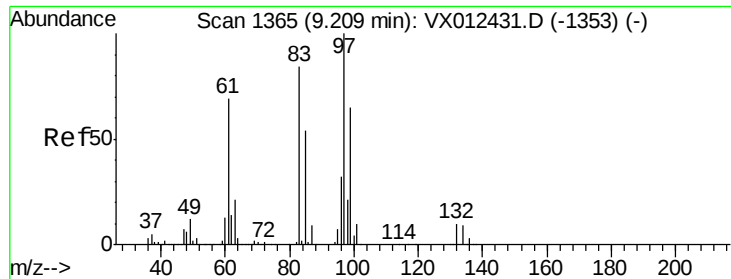
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#54
 cis-1,3-Dichloropropene
 Concen: 21.119 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VX012520.D
 Acq: 19 Sep 2019 12:04

Tgt Ion: 75 Resp: 63266
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.8 38.8
 39 56.0 45.5 68.3





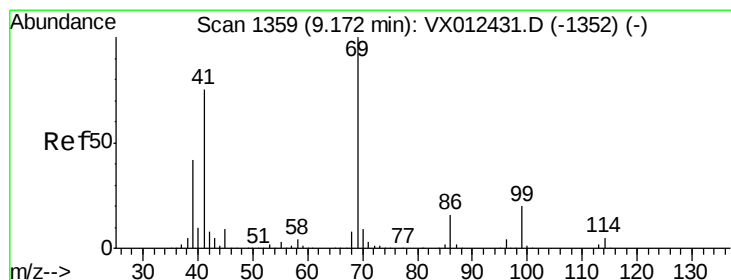
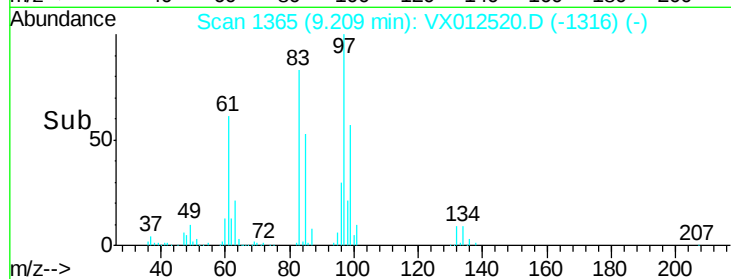
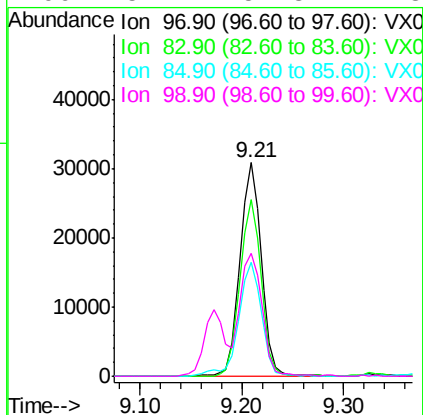
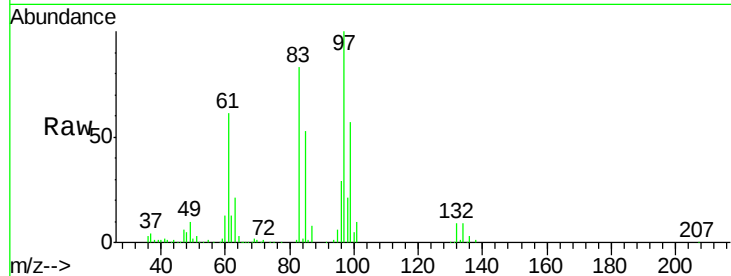
#55
 1,1,2-Trichloroethane
 Concen: 21.334 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX012520.D
 Acq: 19 Sep 2019 12:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0919WBS01

Tot Ion:	97	Resp:	44537
Ion	Ratio	Lower	Upper
97	100		
83	82.7	67.4	101.2
85	53.2	43.5	65.3
99	57.2	51.8	77.8

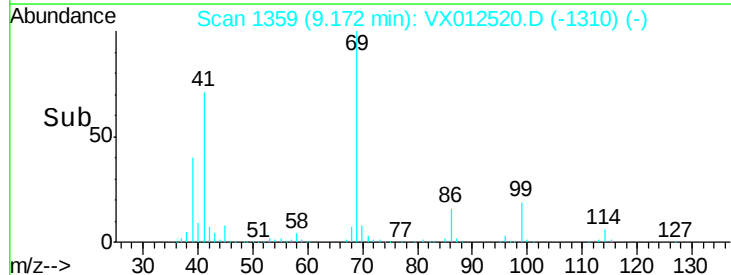
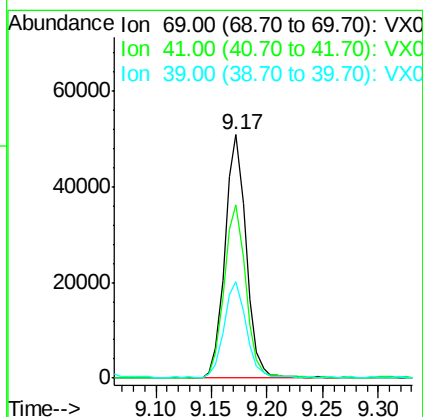
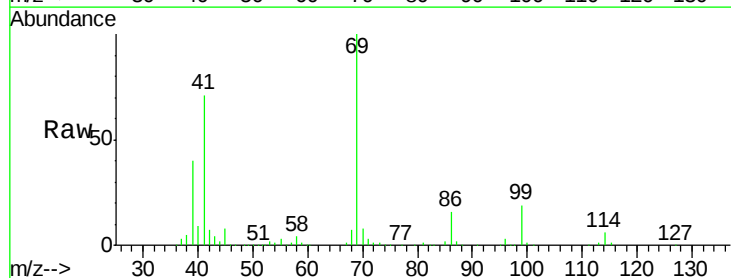
Manual Integrations
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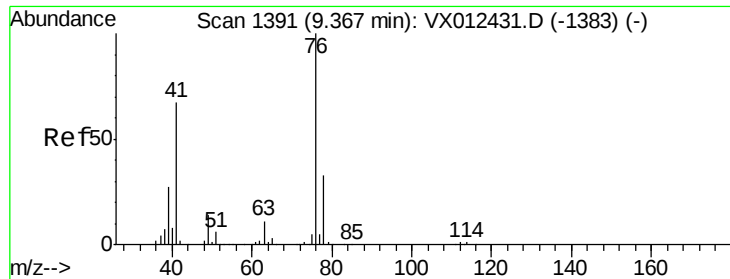
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#56
 Ethyl methacrylate
 Concen: 20.739 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012520.D
 Acq: 19 Sep 2019 12:04

Tgt Ion:	69	Resp:	67691
Ion	Ratio	Lower	Upper
69	100		
41	72.1	58.4	87.6
39	40.6	33.4	50.0





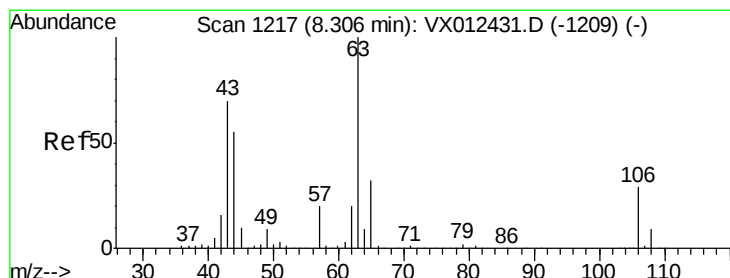
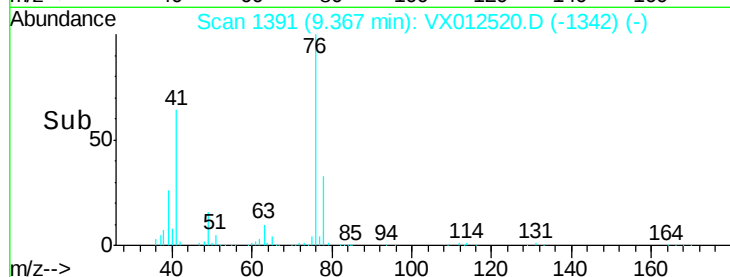
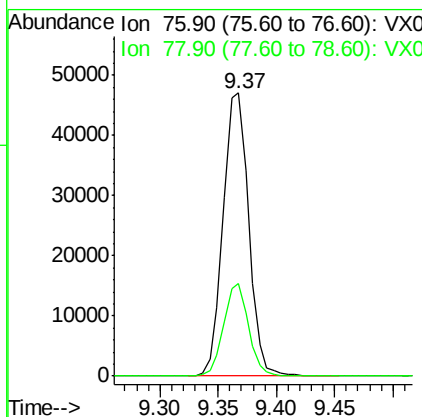
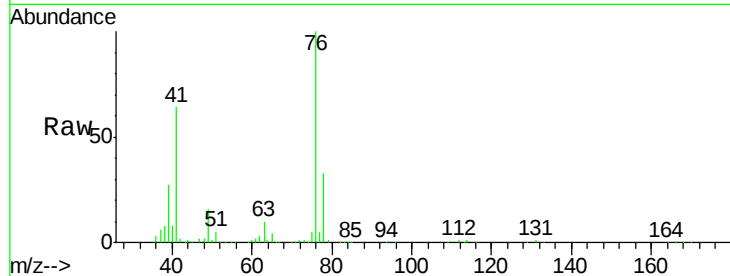
#57
 1,3-Dichloropropane
 Concen: 21.606 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX012520.D
 Acq: 19 Sep 2019 12:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0919WBS01

Tot Ion: 76 Resp: 71964
 Ion Ratio Lower Upper
 76 100
 78 31.5 26.2 39.2

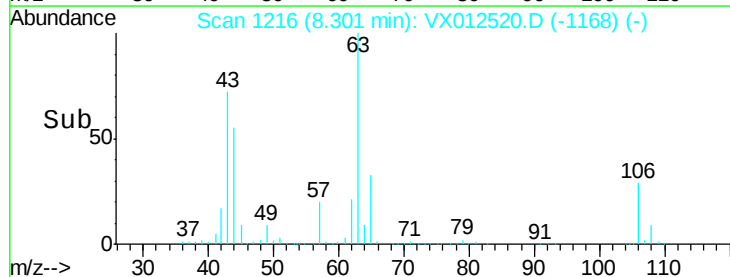
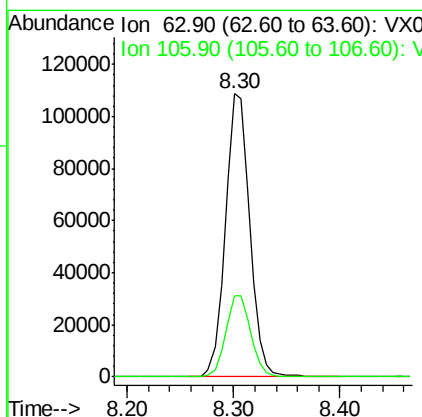
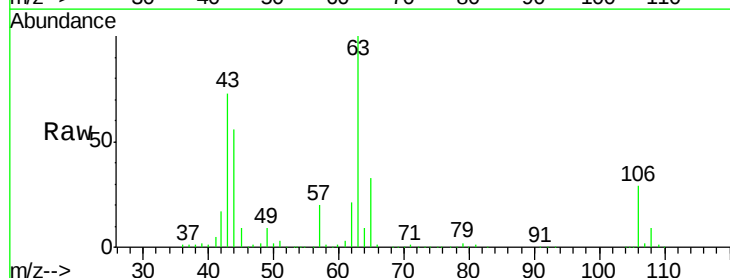
Manual Integrations
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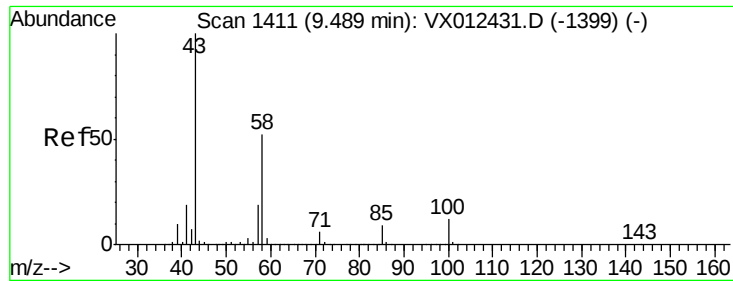
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 9/20/2019 11:43:32 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 102.912 ug/l
 RT: 8.30 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: VX012520.D
 Acq: 19 Sep 2019 12:04

Tgt Ion: 63 Resp: 173872
 Ion Ratio Lower Upper
 63 100
 106 29.6 23.8 35.6





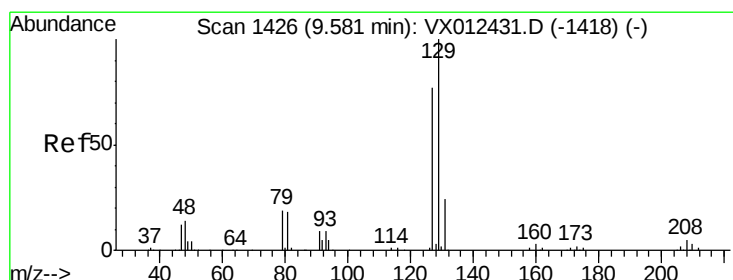
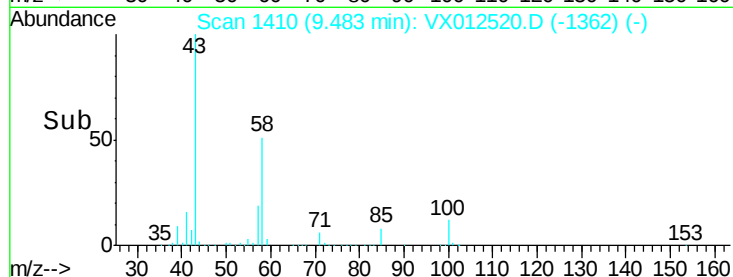
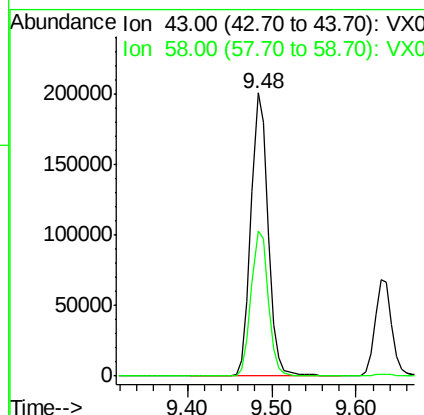
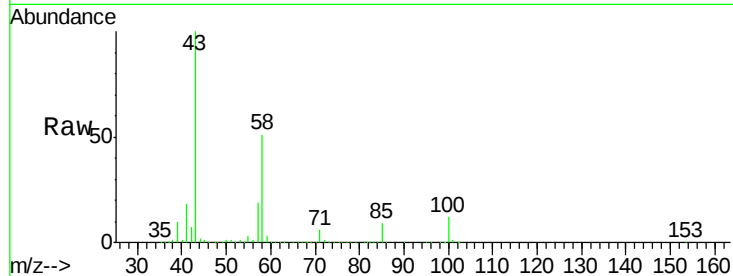
#59
2-Hexanone
Concen: 97.781 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX012520.D
Acq: 19 Sep 2019 12:04

Instrument :
MSVOA_X
ClientSampleId :
VX0919WBS01

Tot Ion: 43 Resp: 272552
Ion Ratio Lower Upper
43 100
58 51.5 25.7 77.1

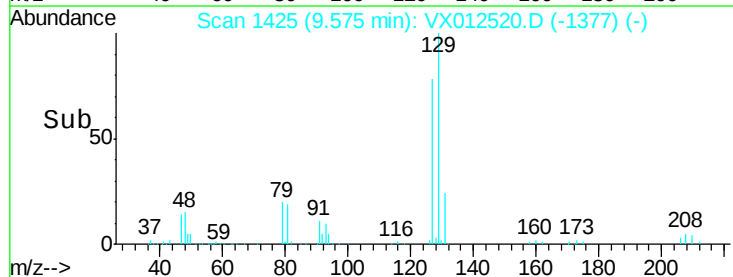
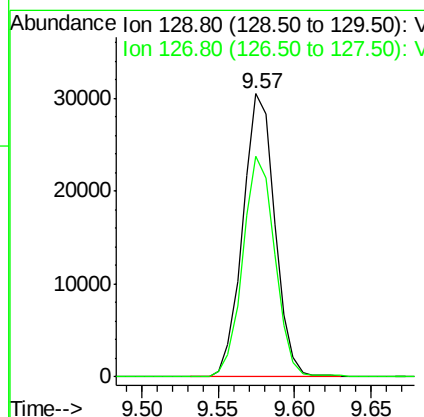
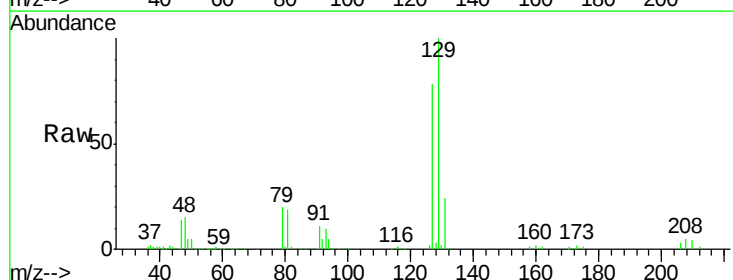
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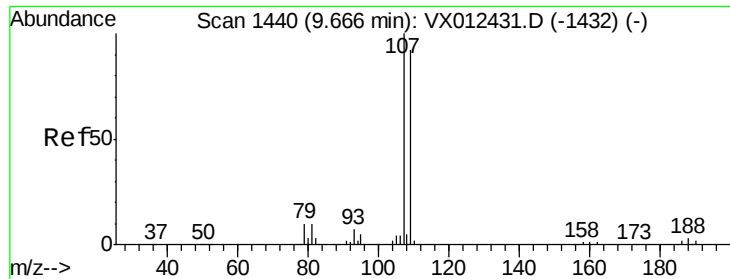
MMDadoda
9/20/2019 11:43:32 AM



#60
Dibromochloromethane
Concen: 20.803 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX012520.D
Acq: 19 Sep 2019 12:04

Tgt Ion: 129 Resp: 44236
Ion Ratio Lower Upper
129 100
127 78.1 38.9 116.6





#61

1,2-Dibromoethane

Concen: 21.892 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX012520.D

Acq: 19 Sep 2019 12:04

Instrument :

MSVOA_X

ClientSampleId :

VX0919WBS01

Tot Ion: 107 Resp: 41739

Ion Ratio Lower Upper

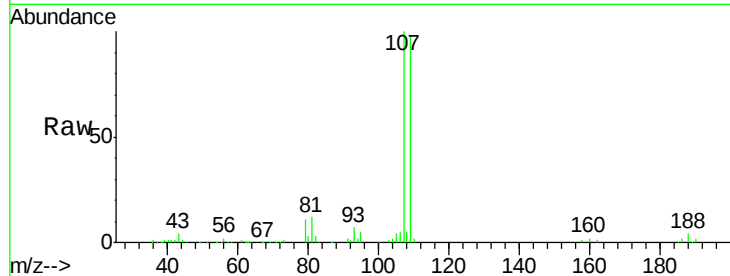
107 100

109 94.9 74.7 112.1

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

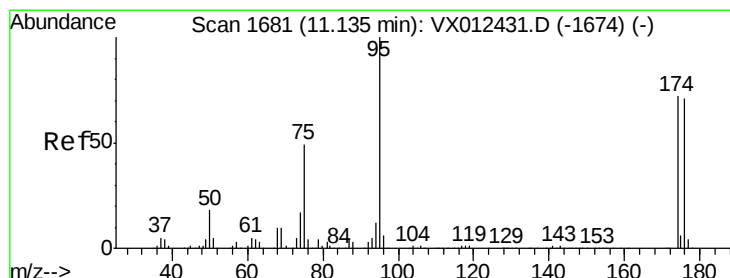
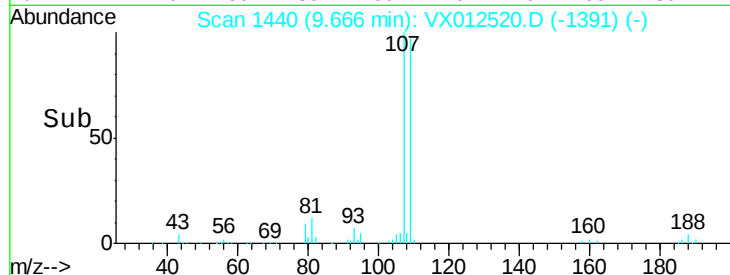
30000

20000

10000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 48.420 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX012520.D

Acq: 19 Sep 2019 12:04

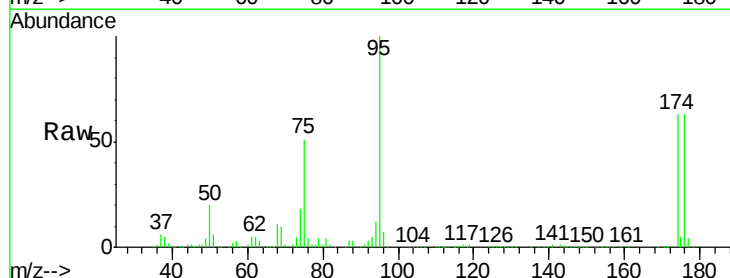
Tgt Ion: 95 Resp: 146551

Ion Ratio Lower Upper

95 100

174 69.9 0.0 140.0

176 68.0 0.0 135.4



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.13

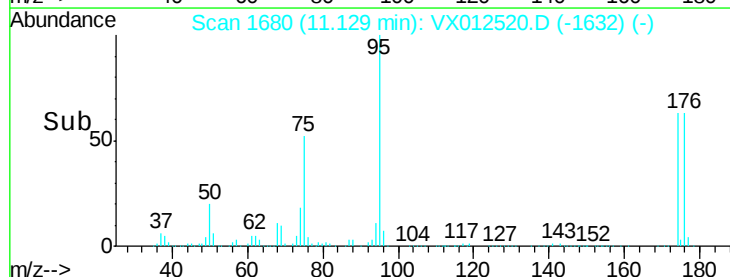
150000

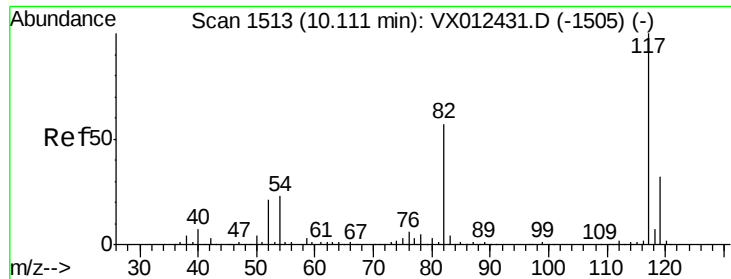
100000

50000

0

Time-->





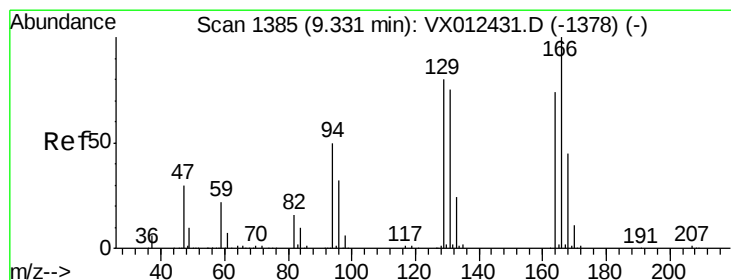
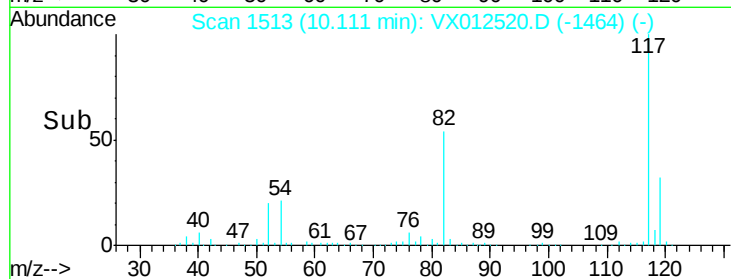
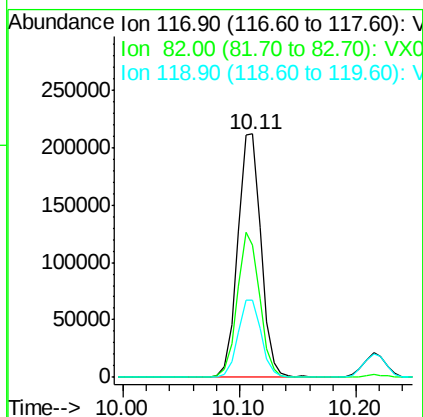
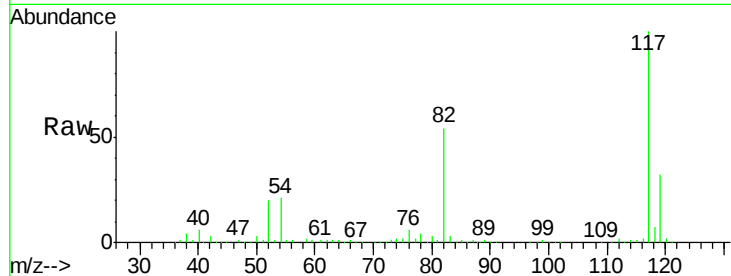
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012520.D
Acq: 19 Sep 2019 12:04

Instrument :
MSVOA_X
ClientSampleId :
VX0919WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.4	45.9	68.9
119	31.7	25.3	37.9

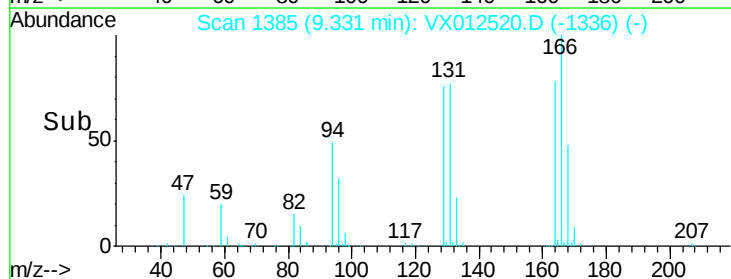
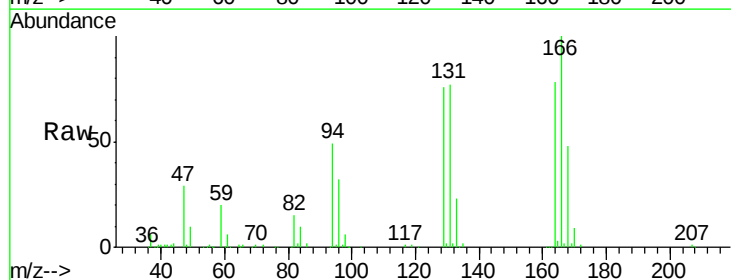
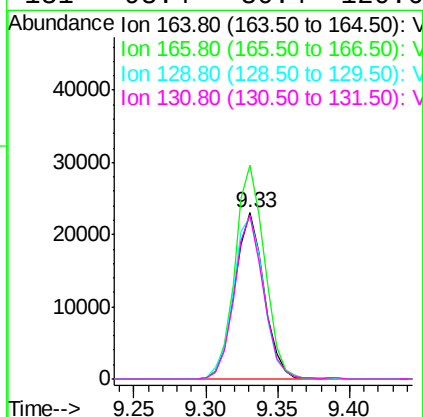
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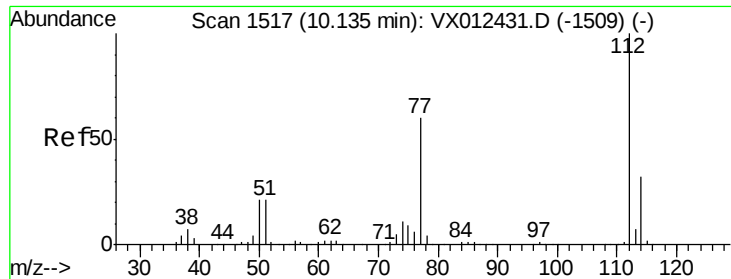
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#64
Tetrachloroethene
Concen: 24.401 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012520.D
Acq: 19 Sep 2019 12:04

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.4	107.8	161.6
129	97.9	86.2	129.2
131	98.4	80.4	120.6





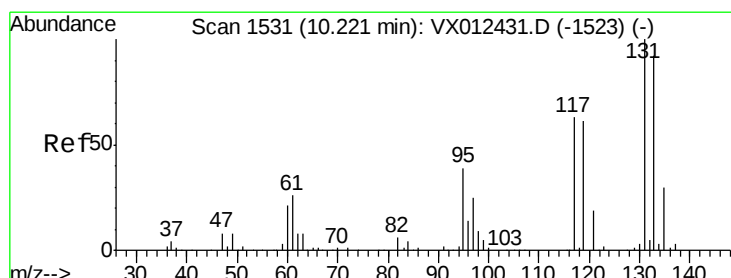
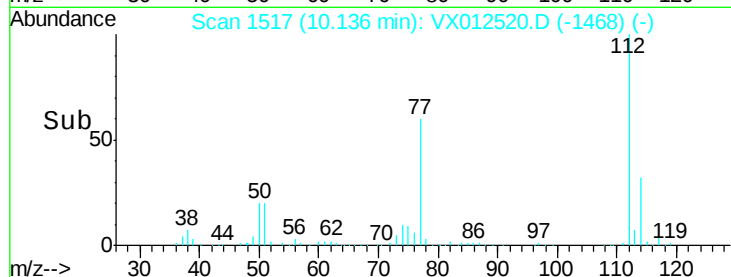
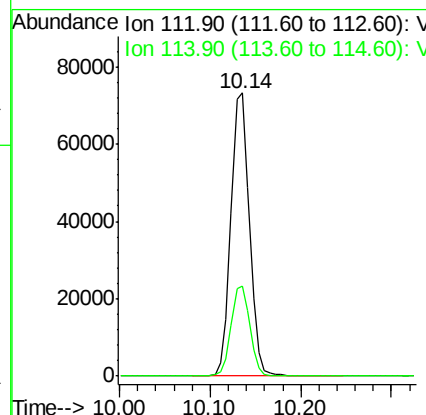
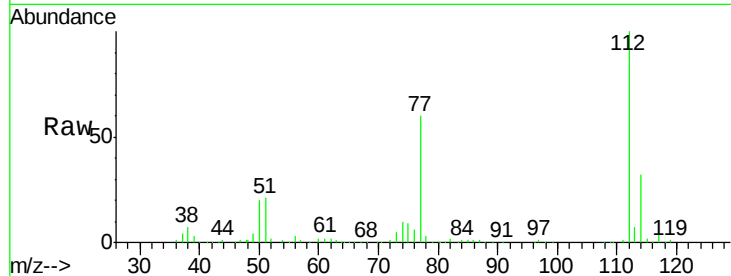
#65
Chlorobenzene
Concen: 21.426 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX012520.D
Acq: 19 Sep 2019 12:04

Instrument :
MSVOA_X
ClientSampleId :
VX0919WBS01

Tot Ion:112 Resp: 104370
Ion Ratio Lower Upper
112 100
114 32.0 25.4 38.0

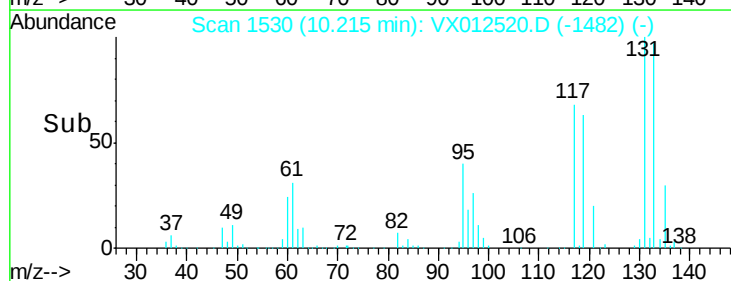
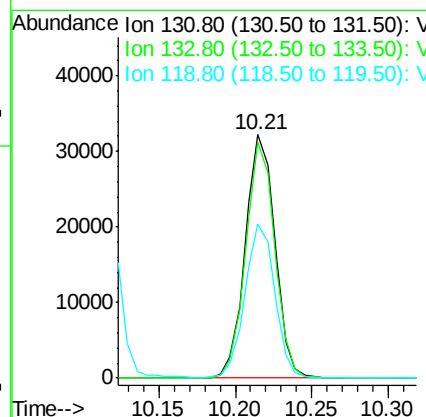
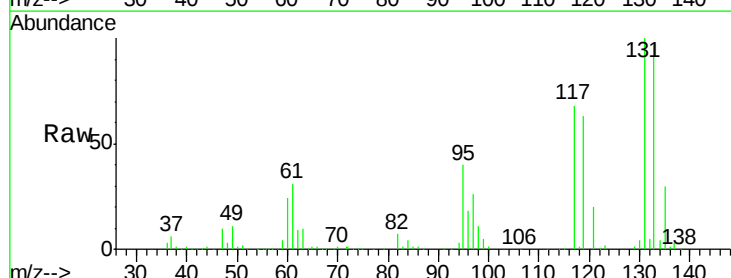
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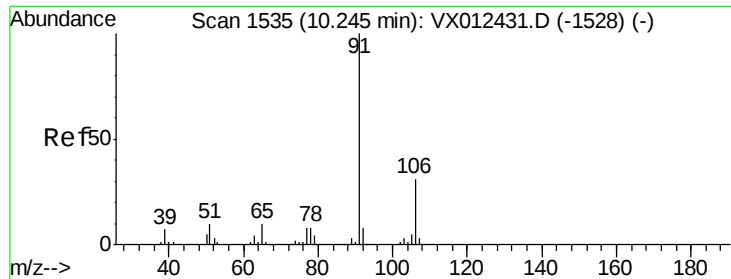
MMDadoda
9/20/2019 11:43:32 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 21.463 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.01 min
Lab File: VX012520.D
Acq: 19 Sep 2019 12:04

Tgt Ion:131 Resp: 43392
Ion Ratio Lower Upper
131 100
133 94.8 47.6 142.9
119 63.9 31.3 93.8





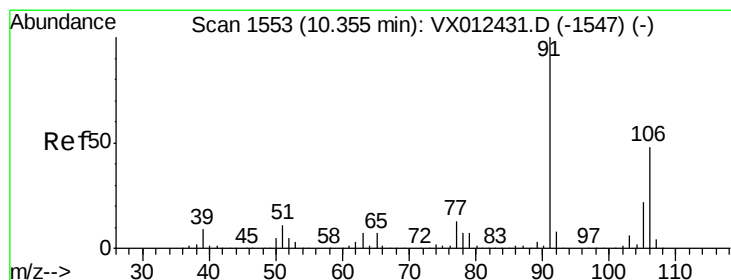
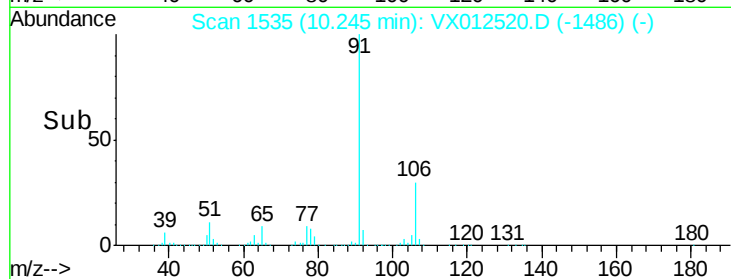
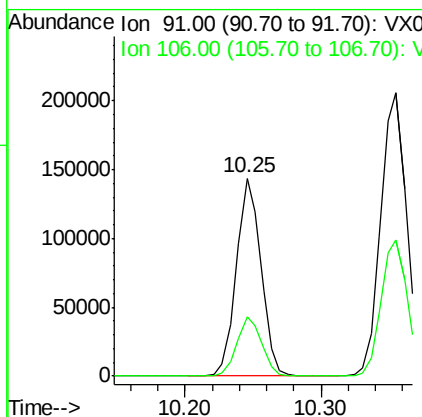
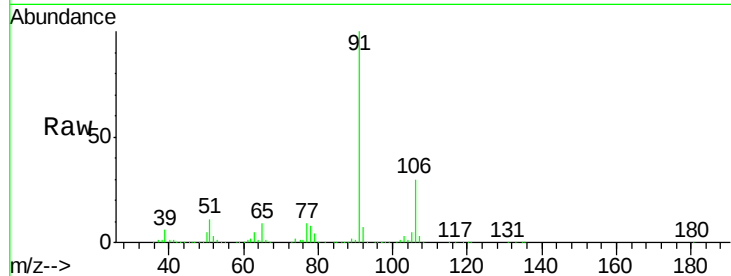
#67
Ethyl Benzene
Concen: 21.684 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX012520.D
Acq: 19 Sep 2019 12:04

Instrument :
MSVOA_X
ClientSampleId :
VX0919WBS01

Tot Ion: 91 Resp: 181479
Ion Ratio Lower Upper
91 100
106 30.1 24.6 37.0

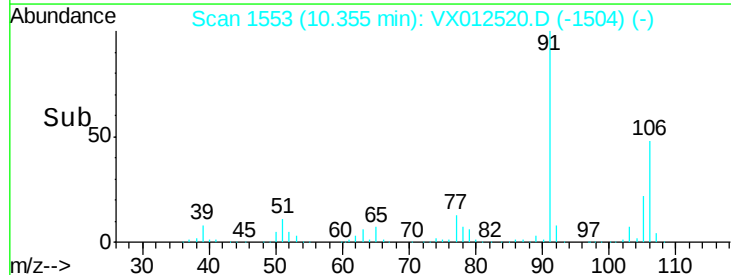
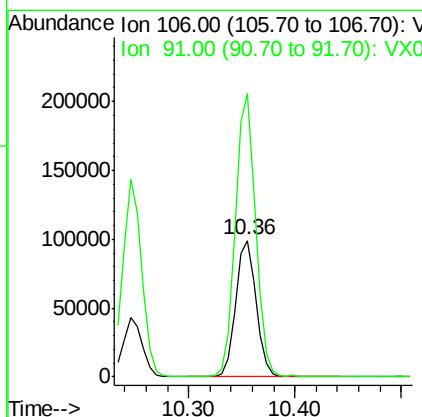
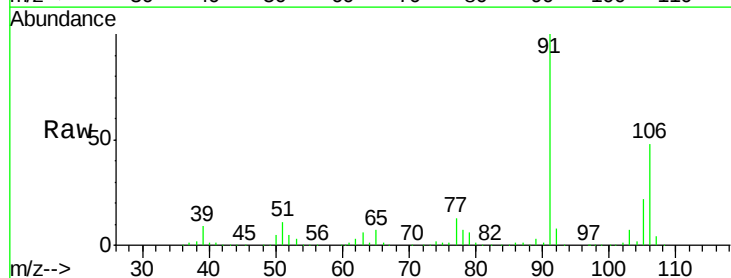
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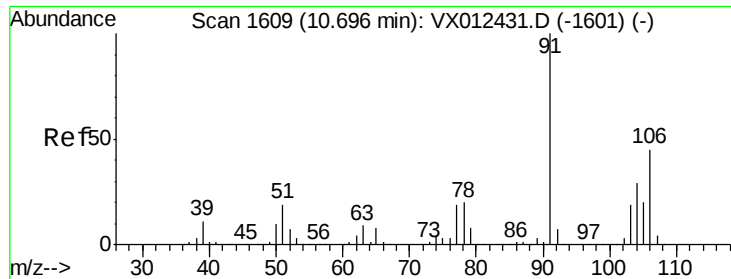
MMDadoda
9/20/2019 11:43:32 AM



#68
m/p-Xylenes
Concen: 43.772 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX012520.D
Acq: 19 Sep 2019 12:04

Tgt Ion: 106 Resp: 133290
Ion Ratio Lower Upper
106 100
91 206.0 166.6 250.0





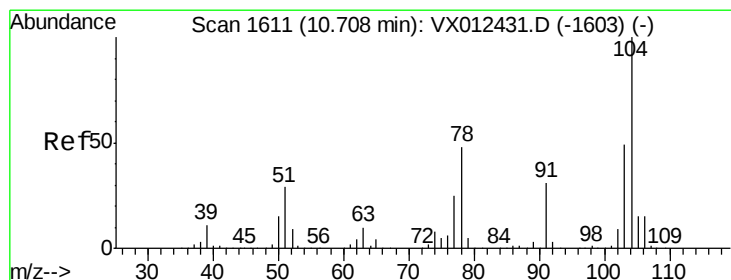
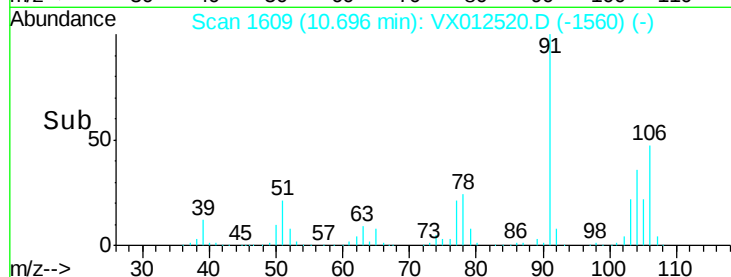
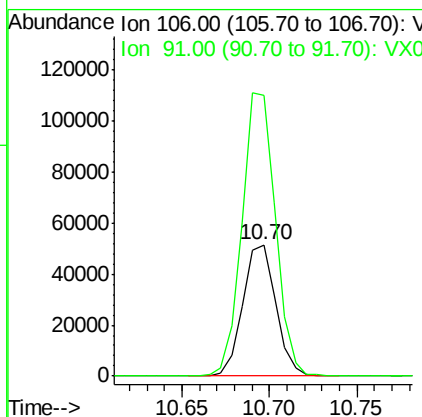
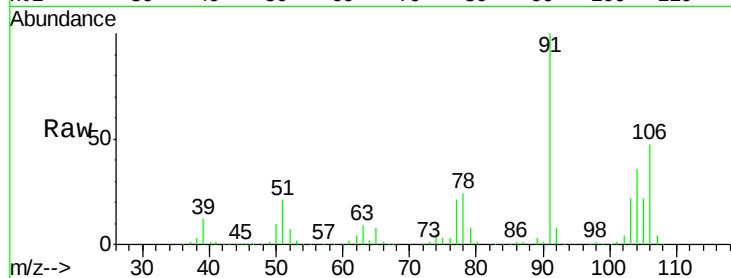
#69
o-Xylene
Concen: 21.638 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012520.D
Acq: 19 Sep 2019 12:04

Instrument :
MSVOA_X
ClientSampleId :
VX0919WBS01

Tot Ion:106 Resp: 67763
Ion Ratio Lower Upper
106 100
91 218.2 109.4 328.2

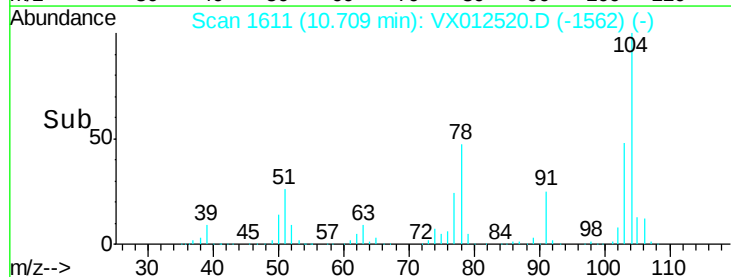
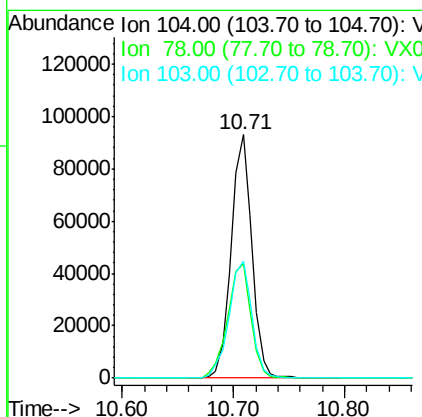
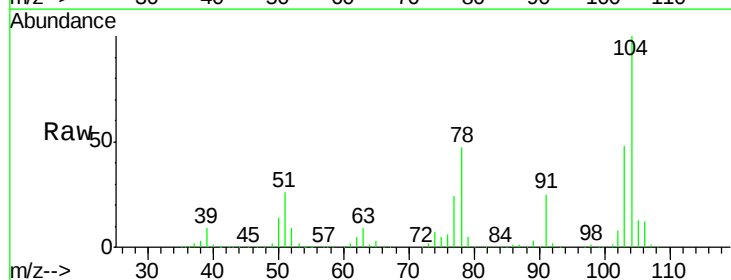
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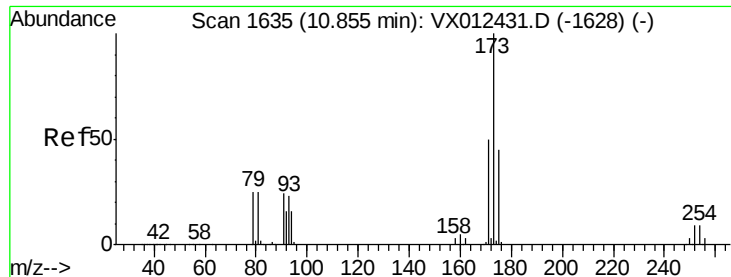
MMDadoda
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#70
Styrene
Concen: 21.513 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX012520.D
Acq: 19 Sep 2019 12:04

Tgt Ion:104 Resp: 119200
Ion Ratio Lower Upper
104 100
78 53.4 43.4 65.2
103 53.1 43.3 64.9





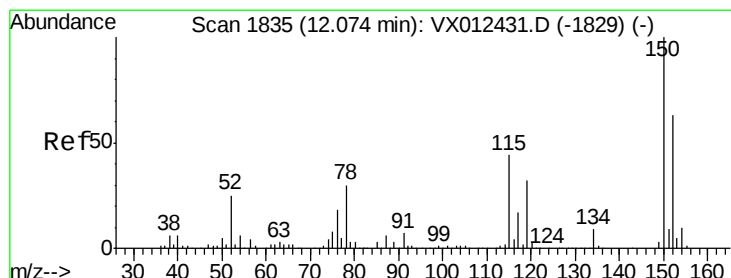
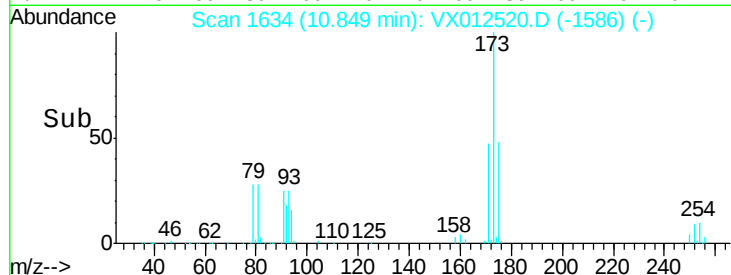
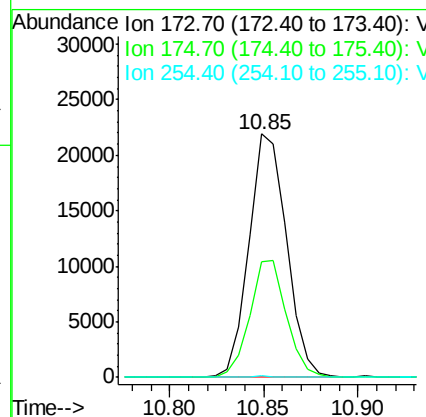
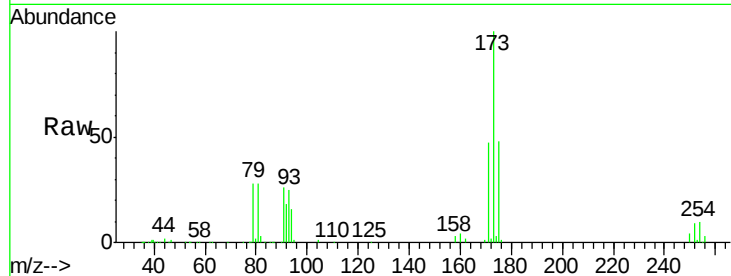
#71
Bromoform
Concen: 19.333 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VX012520.D
Acq: 19 Sep 2019 12:04

Instrument :
MSVOA_X
ClientSampleId :
VX0919WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	46.9	23.7	71.1
254	0.1	0.1	0.1

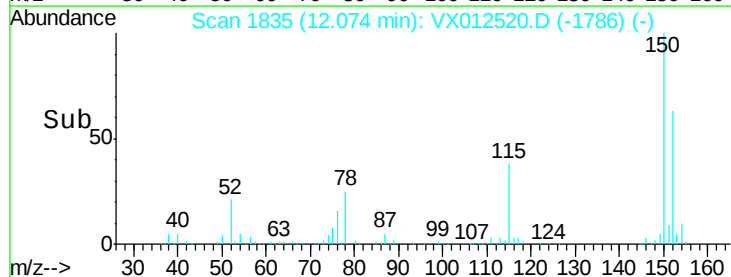
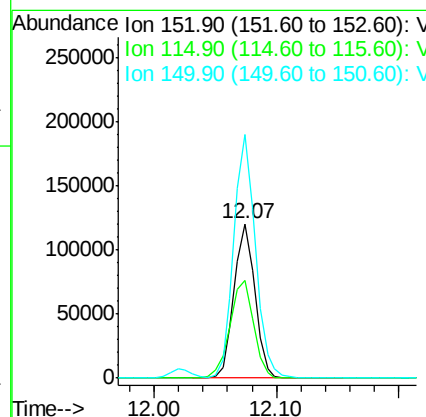
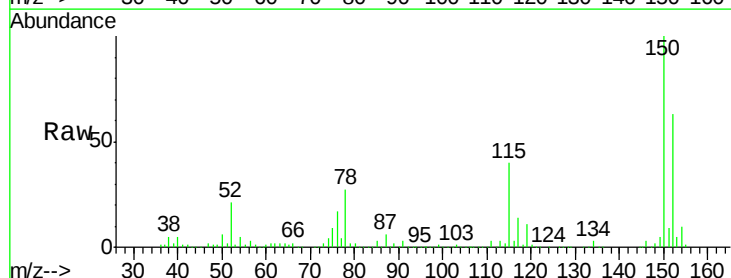
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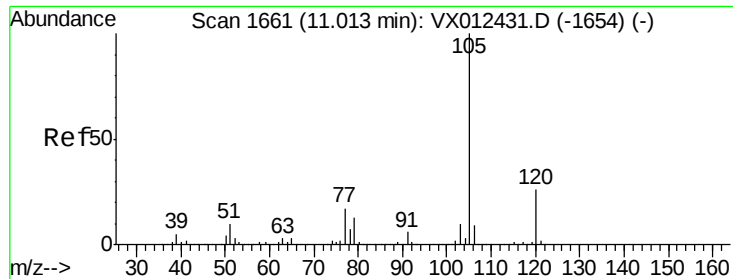
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX012520.D
Acq: 19 Sep 2019 12:04

Tgt Ion	Ratio	Lower	Upper
152	100		
115	71.9	44.1	132.3
150	163.8	0.0	343.8





#73

Isopropylbenzene

Concen: 21.704 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX012520.D

Acq: 19 Sep 2019 12:04

Instrument :

MSVOA_X

ClientSampleId :

VX0919WBS01

Tot Ion: 105 Resp: 192356

Ion Ratio Lower Upper

105 100

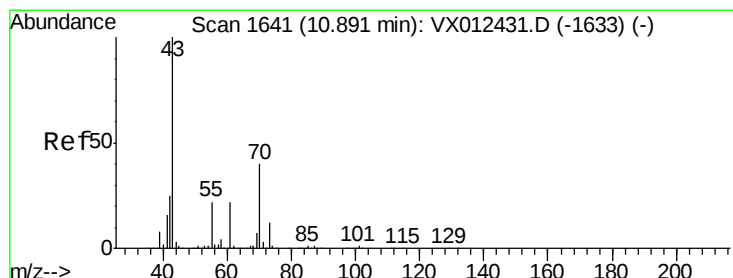
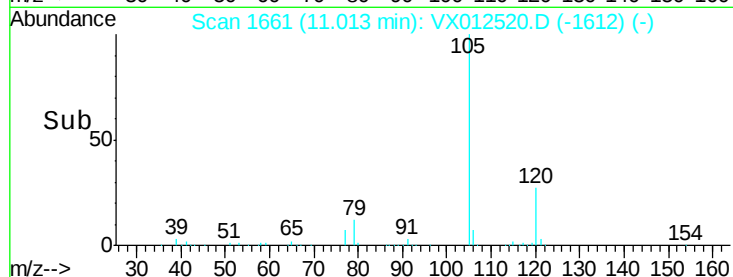
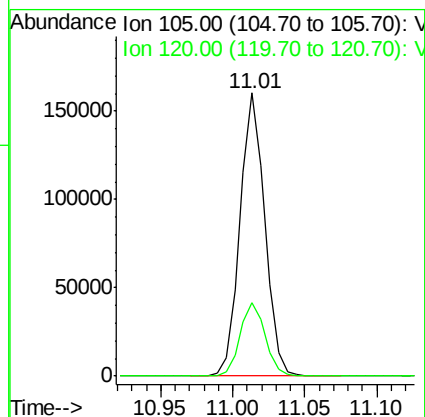
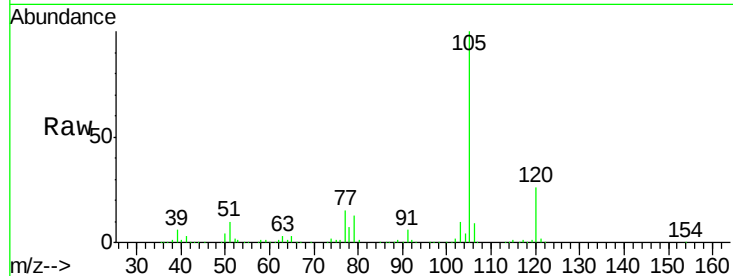
120 26.2 12.9 38.7

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#74

N-ethyl acetate

Concen: 20.186 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX012520.D

Acq: 19 Sep 2019 12:04

Tgt Ion: 43 Resp: 96317

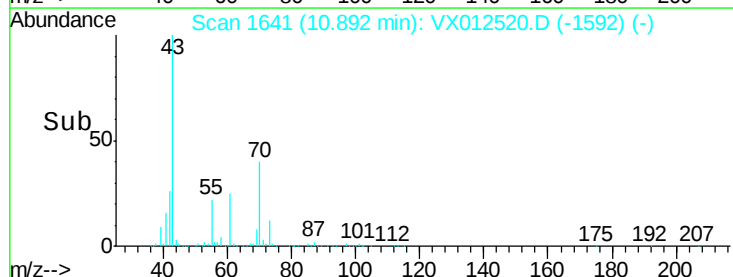
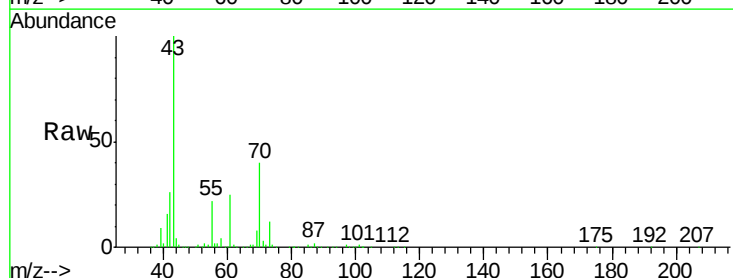
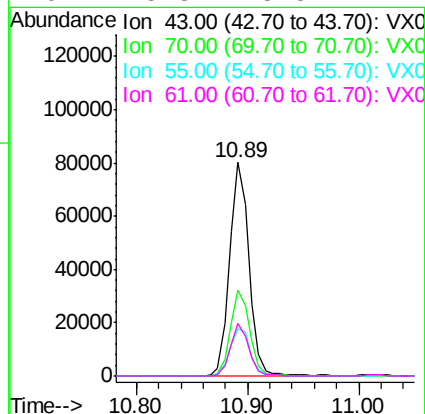
Ion Ratio Lower Upper

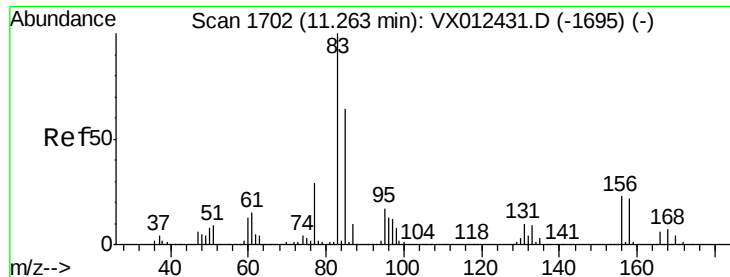
43 100

70 40.2 32.4 48.6

55 23.8 18.2 27.4

61 23.3 18.5 27.7





#75

1,1,2,2-Tetrachloroethane

Concen: 20.090 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX012520.D

Acq: 19 Sep 2019 12:04

Instrument :

MSVOA_X

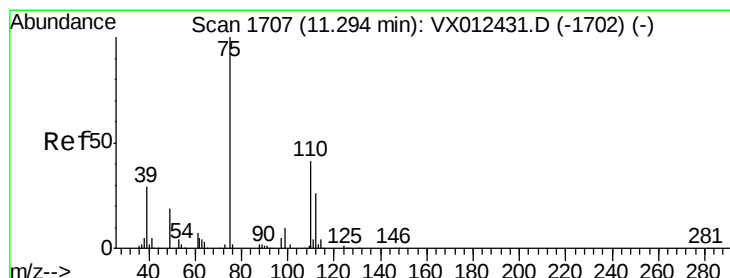
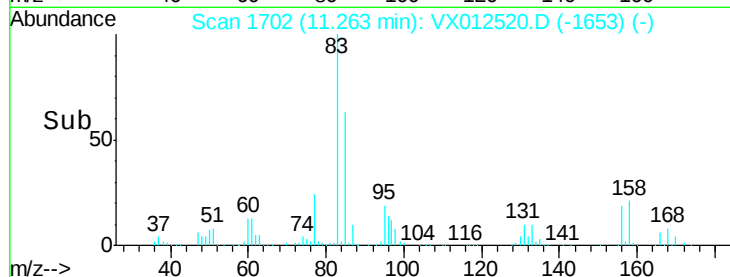
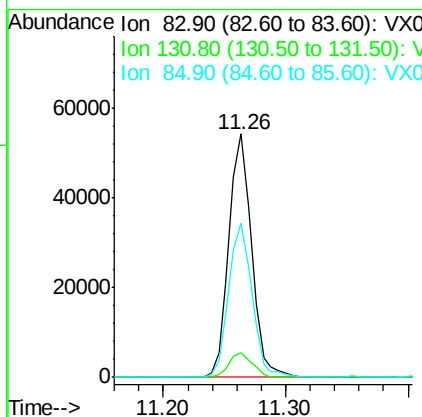
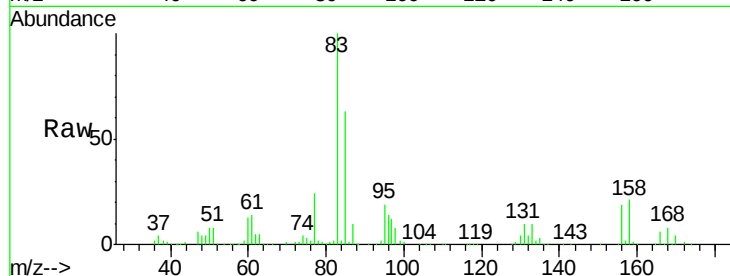
ClientSampleId :

VX0919WBS01

Tot Ion:	83	Resp:	69845
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.2	15.6
85	65.1	32.0	96.0

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#76

1,2,3-Trichloropropane

Concen: 21.284 ug/l m

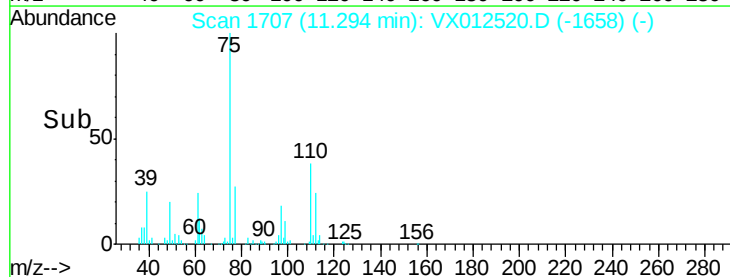
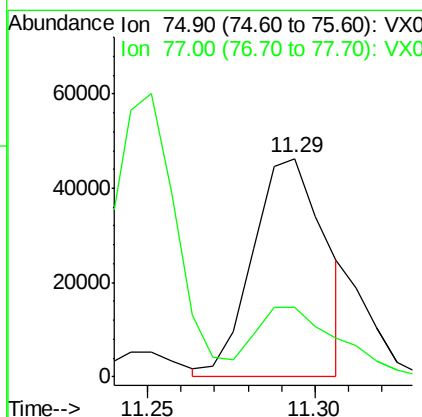
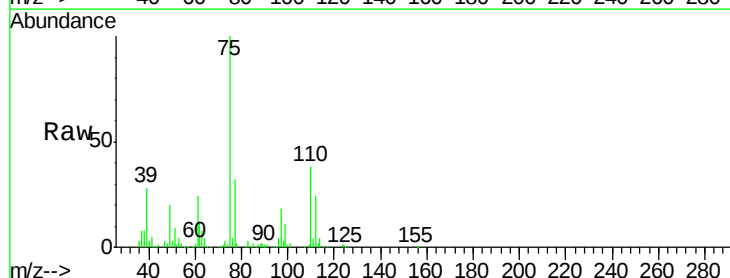
RT: 11.29 min Scan# 1707

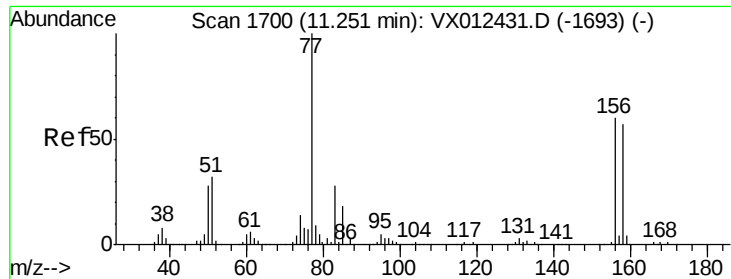
Delta R.T. 0.00 min

Lab File: VX012520.D

Acq: 19 Sep 2019 12:04

Tgt Ion:	75	Resp:	69061
Ion Ratio	Lower	Upper	
75	100		
77	36.8	19.7	59.0





#77

Bromobenzene

Concen: 21.851 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX012520.D

Acq: 19 Sep 2019 12:04

Instrument :

MSVOA_X

ClientSampleId :

VX0919WBS01

Tot Ion:156 Resp: 47231

Ion Ratio Lower Upper

156 100

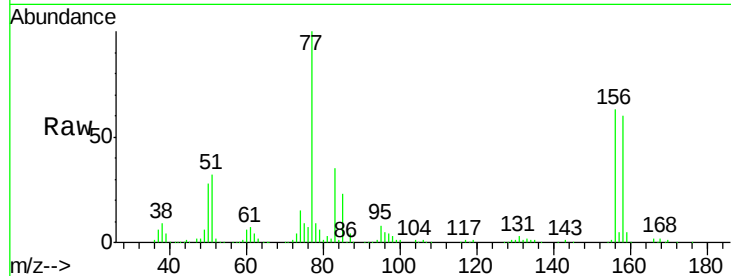
77 170.1 87.3 261.8

158 97.1 48.5 145.6

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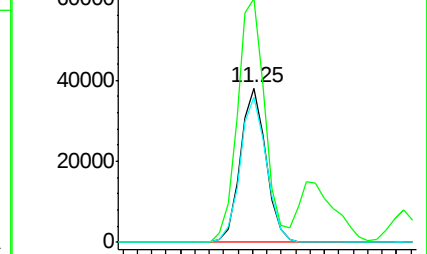
9/20/2019 11:43:32 AM



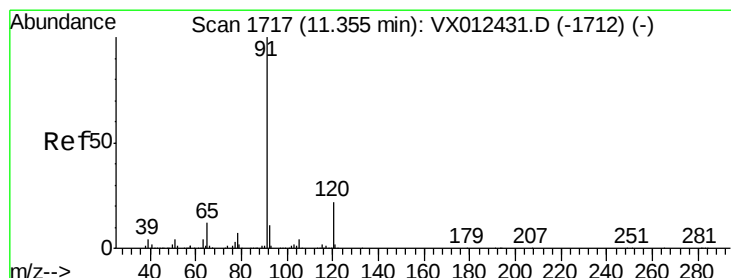
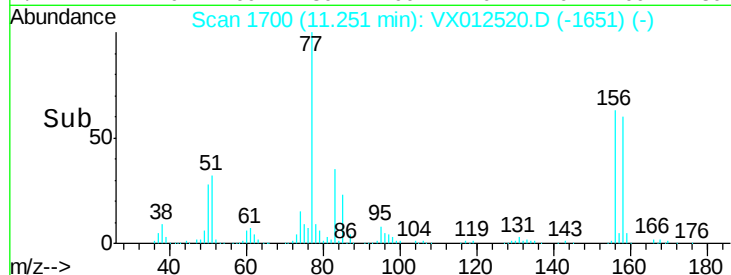
Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



Time-->



#78

n-propylbenzene

Concen: 21.827 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX012520.D

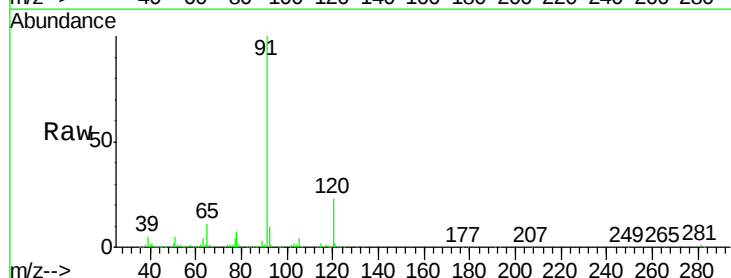
Acq: 19 Sep 2019 12:04

Tgt Ion: 91 Resp: 215611

Ion Ratio Lower Upper

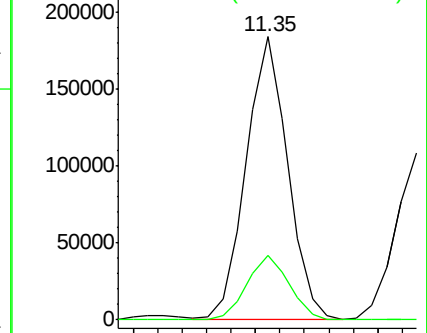
91 100

120 23.2 11.3 33.8

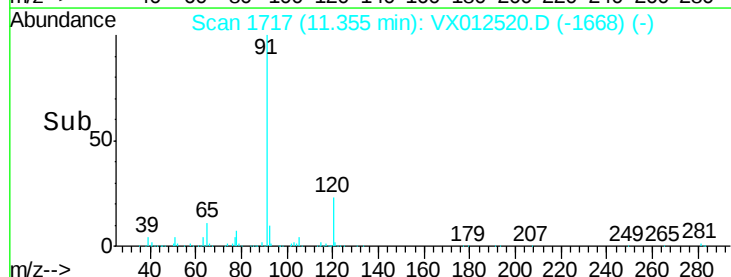


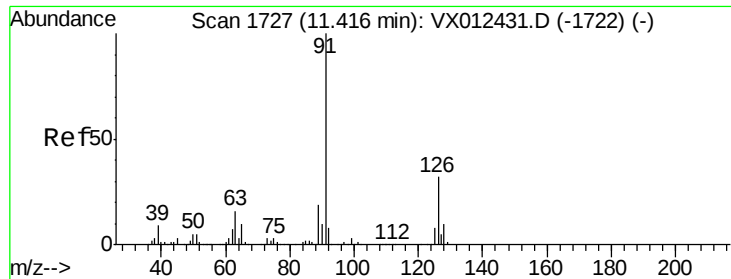
Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



Time-->





#79

2-Chlorotoluene

Concen: 21.126 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX012520.D

Acq: 19 Sep 2019 12:04

Instrument :

MSVOA_X

ClientSampleId :

VX0919WBS01

Tot Ion: 91 Resp: 135758

Ion Ratio Lower Upper

91 100

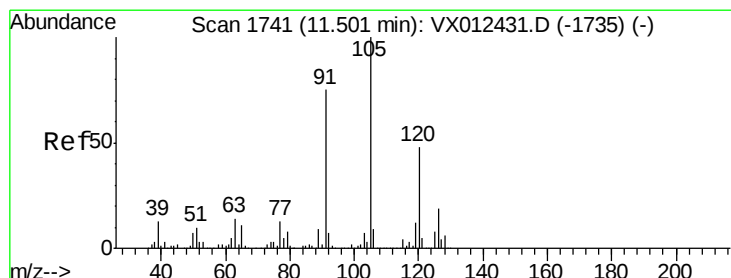
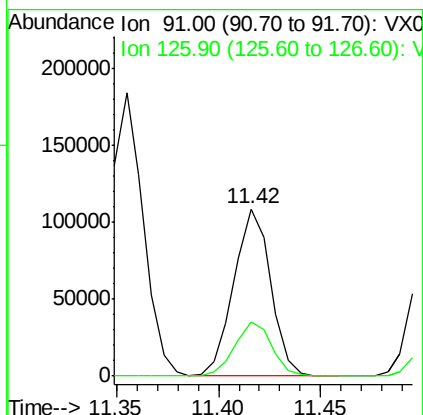
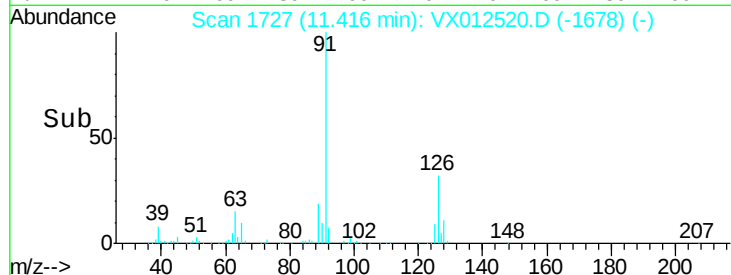
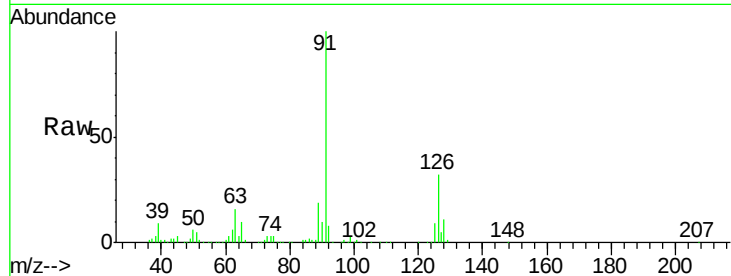
126 32.9 16.4 49.4

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#80

1,3,5-Trimethylbenzene

Concen: 21.838 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX012520.D

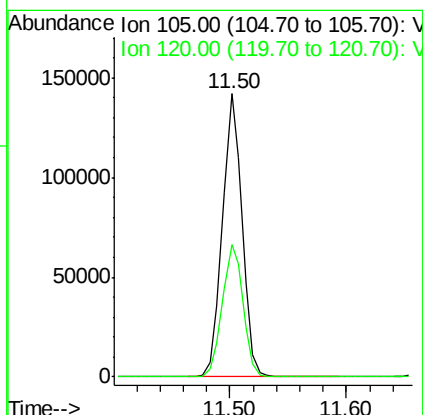
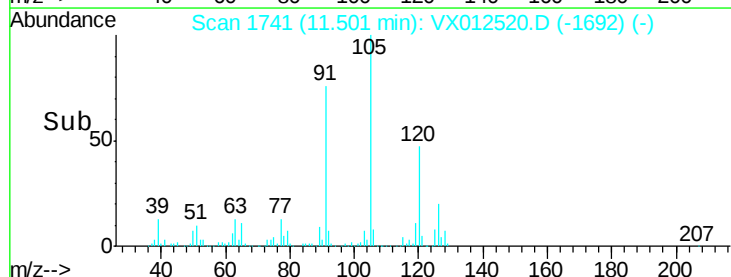
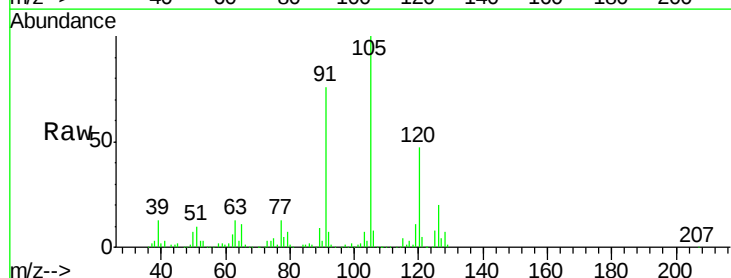
Acq: 19 Sep 2019 12:04

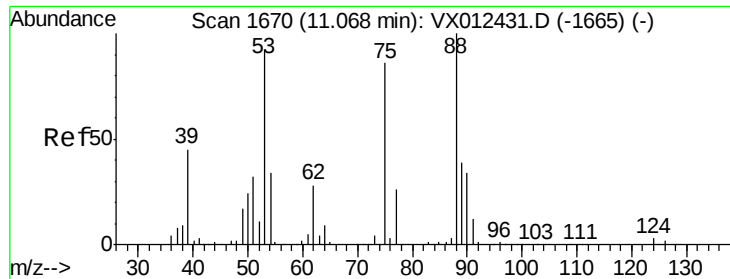
Tgt Ion: 105 Resp: 165060

Ion Ratio Lower Upper

105 100

120 49.3 24.3 72.8





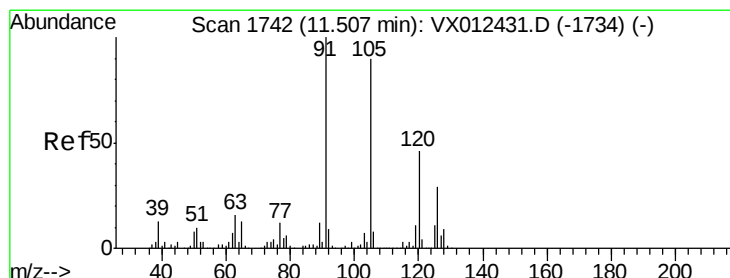
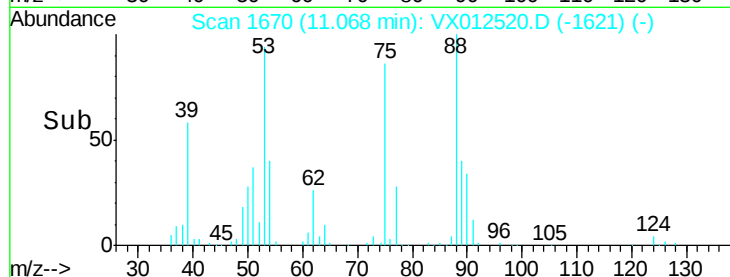
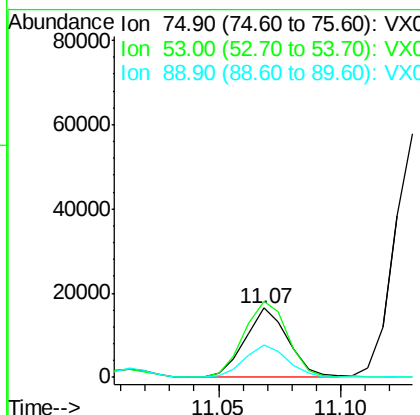
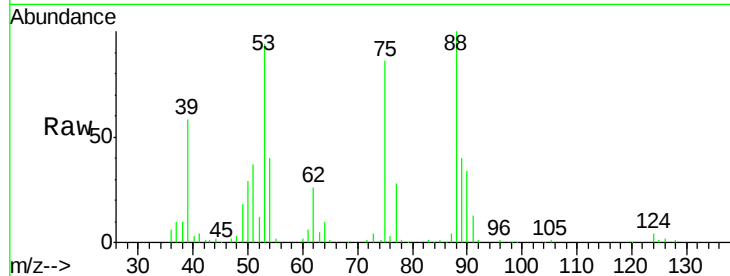
#81
trans-1,4-Dichloro-2-butene
Concen: 18.766 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX012520.D
Acq: 19 Sep 2019 12:04

Instrument :
MSVOA_X
ClientSampleId :
VX0919WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	116.9	83.6	125.4
89	47.0	36.3	54.5

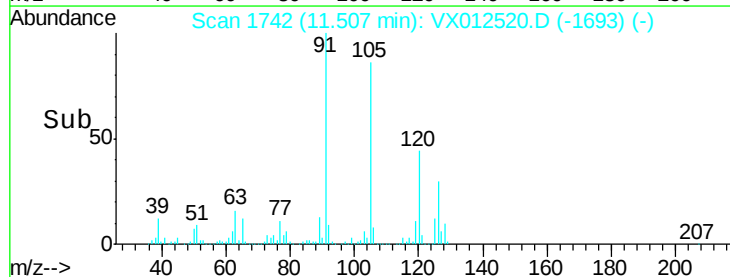
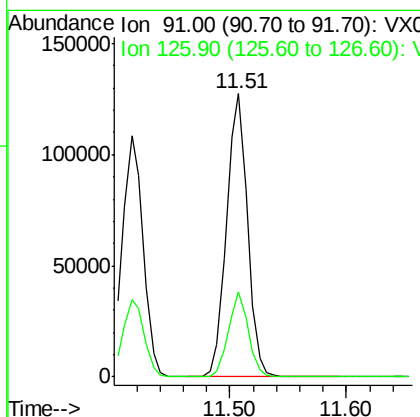
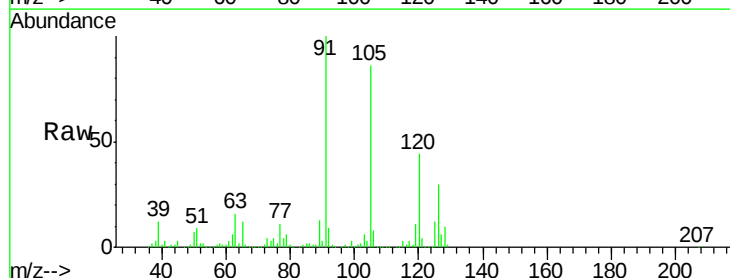
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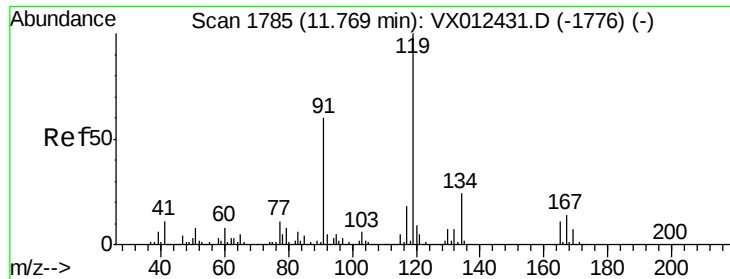
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#82
4-Chlorotoluene
Concen: 21.556 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX012520.D
Acq: 19 Sep 2019 12:04

Tgt Ion	Ratio	Lower	Upper
91	100		
126	28.6	14.4	43.0





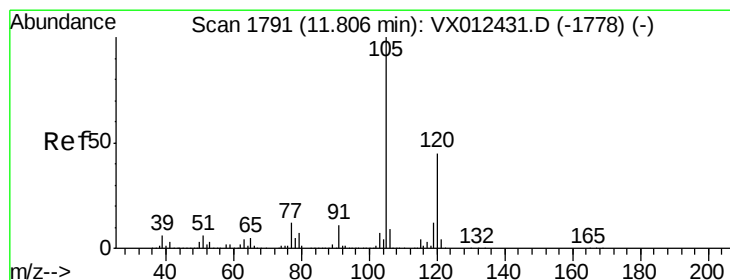
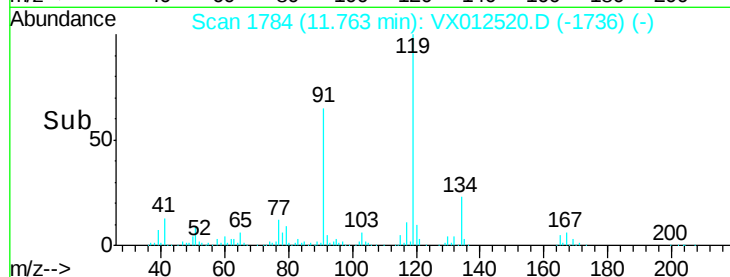
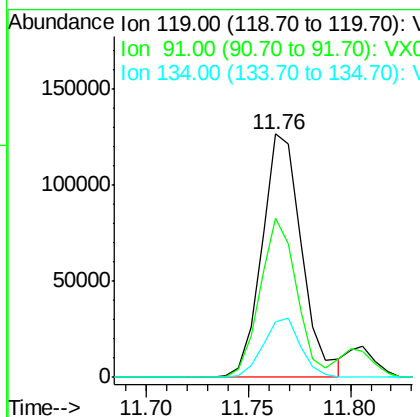
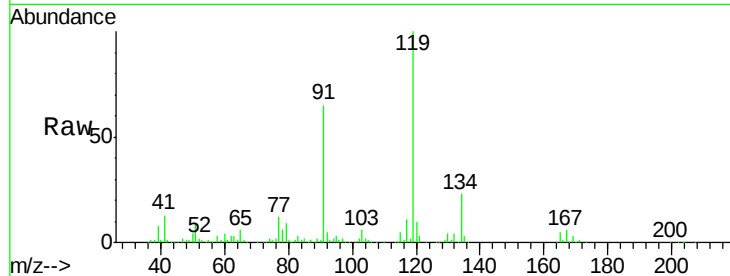
#83
 tert-Butylbenzene
 Concen: 21.163 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: VX012520.D
 Acq: 19 Sep 2019 12:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0919WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	171403		
91	60.2	30.0	90.0	
134	23.0	11.3	33.9	

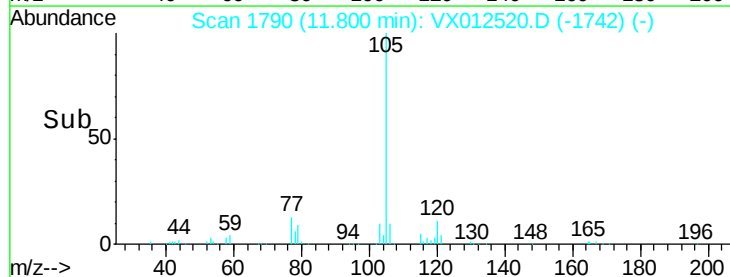
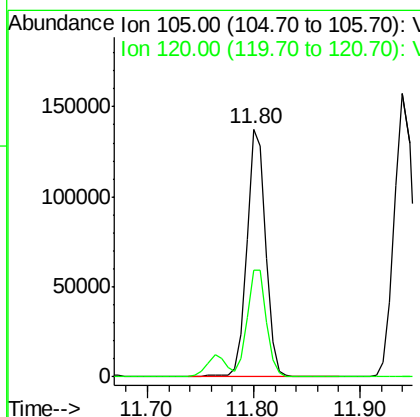
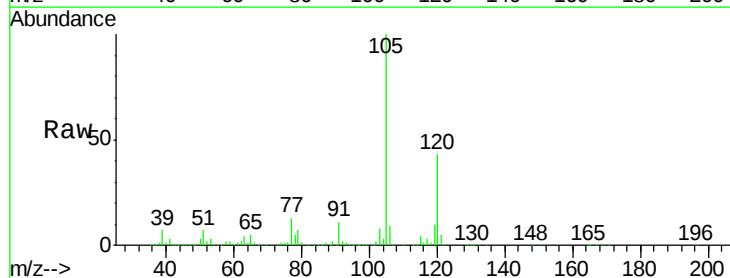
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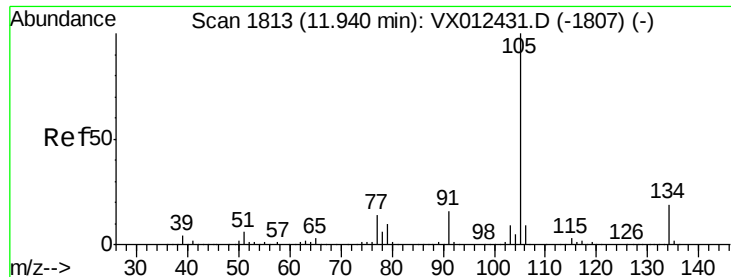
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#84
 1,2,4-Trimethylbenzene
 Concen: 21.931 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: VX012520.D
 Acq: 19 Sep 2019 12:04

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	170205		
120	43.8	22.2	66.6	





#85

sec-Butylbenzene

Concen: 21.549 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX012520.D

Acq: 19 Sep 2019 12:04

Instrument :

MSVOA_X

ClientSampleId :

VX0919WBS01

Tot Ion:105 Resp: 192321

Ion Ratio Lower Upper

105 100

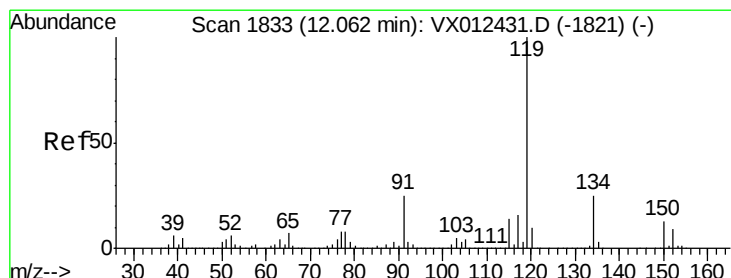
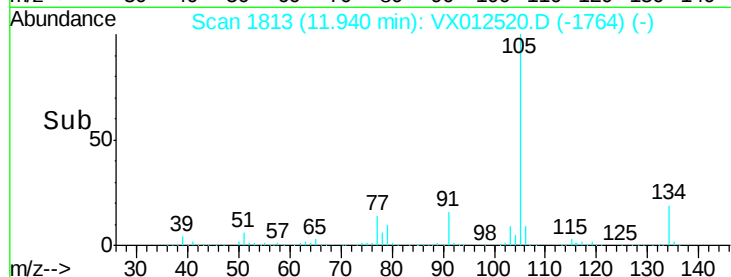
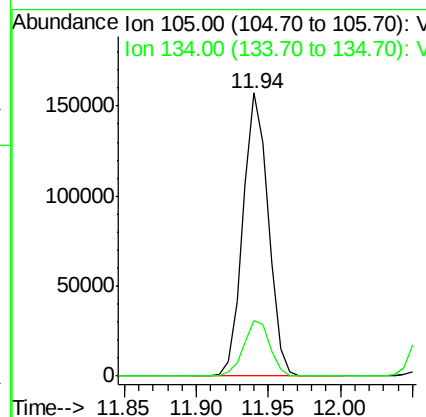
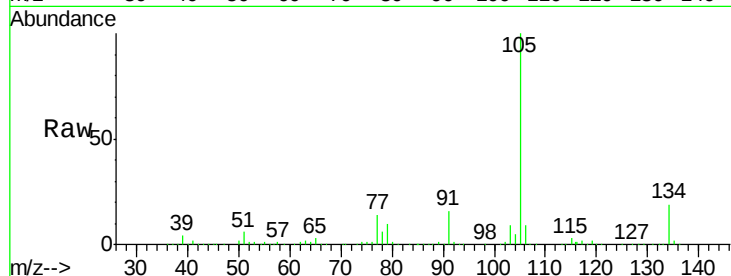
134 20.4 9.8 29.4

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#86

p-Isopropyltoluene

Concen: 21.495 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX012520.D

Acq: 19 Sep 2019 12:04

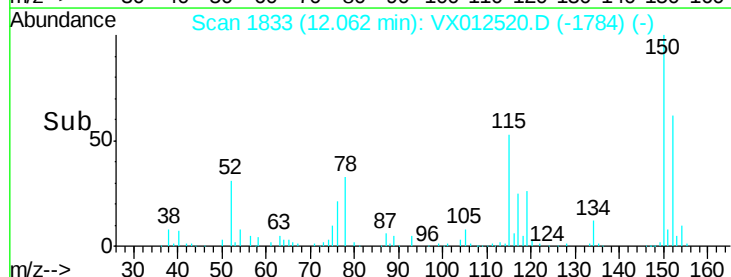
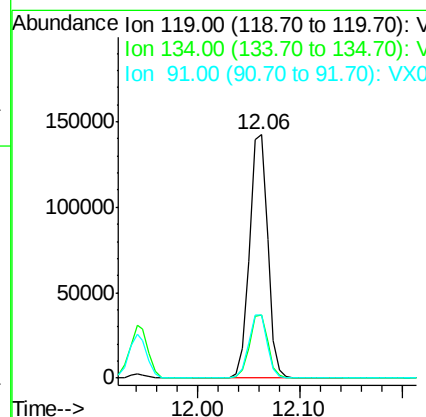
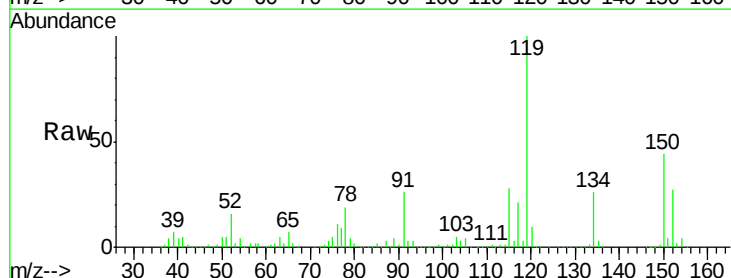
Tgt Ion:119 Resp: 176155

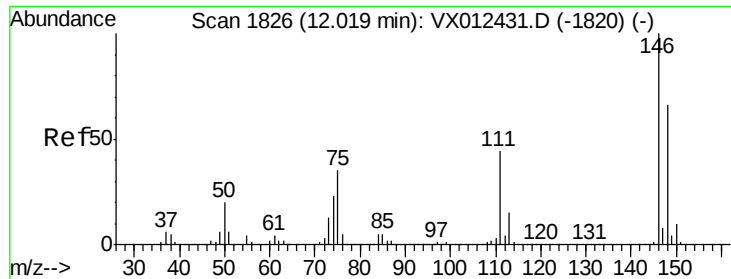
Ion Ratio Lower Upper

119 100

134 26.2 12.7 38.1

91 26.4 12.8 38.4





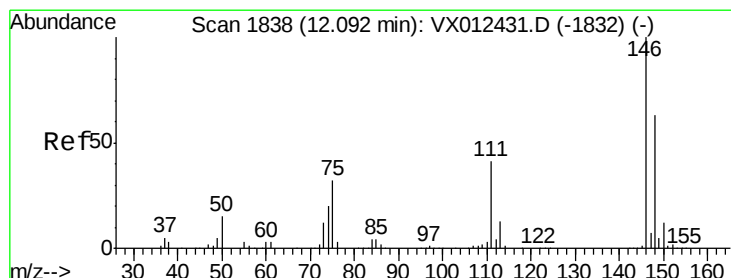
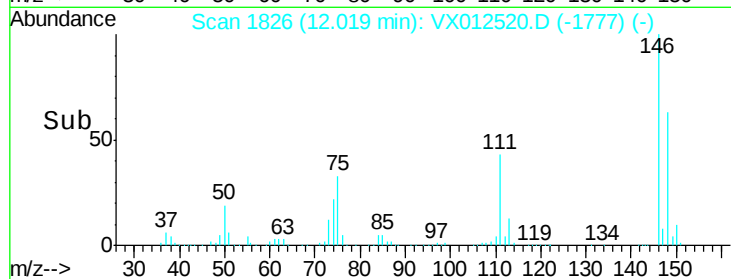
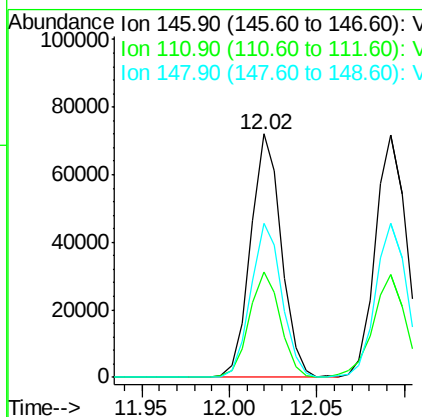
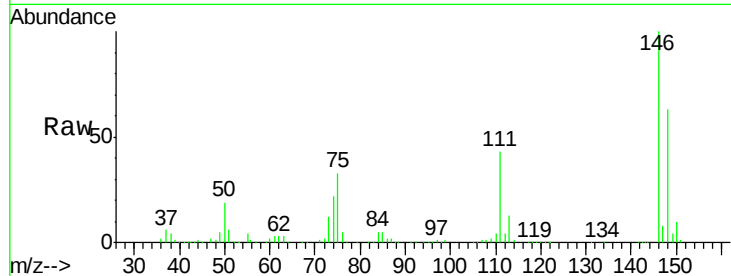
#87
 1,3-Dichlorobenzene
 Concen: 21.642 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX012520.D
 Acq: 19 Sep 2019 12:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0919WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.6	21.3	64.0
148	63.9	32.4	97.2

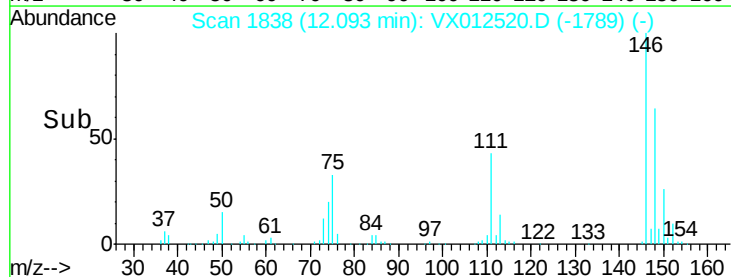
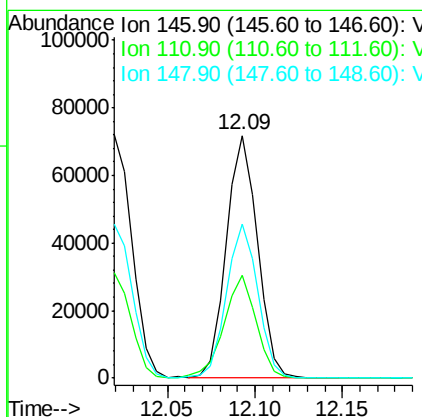
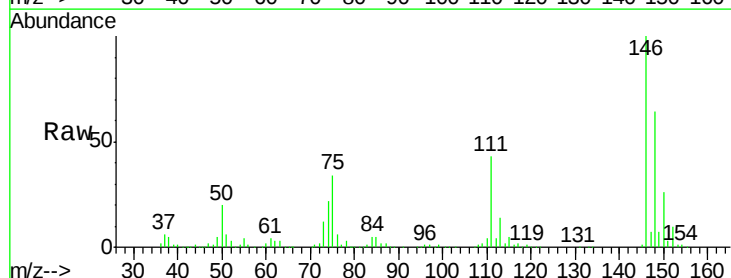
Manual Integrations
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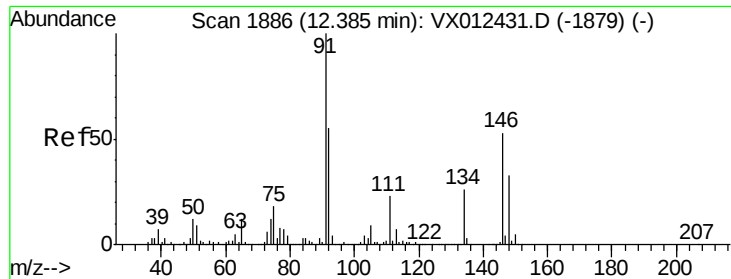
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#88
 1,4-Dichlorobenzene
 Concen: 21.372 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX012520.D
 Acq: 19 Sep 2019 12:04

Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.0	21.1	63.3
148	63.9	32.1	96.5





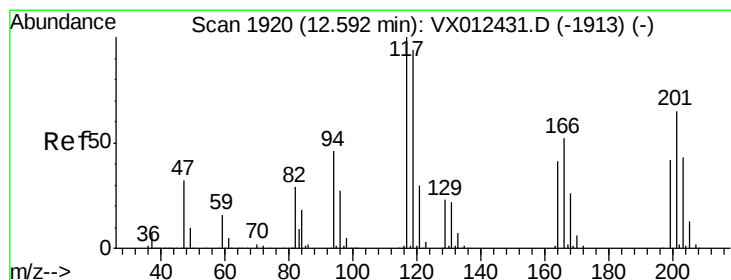
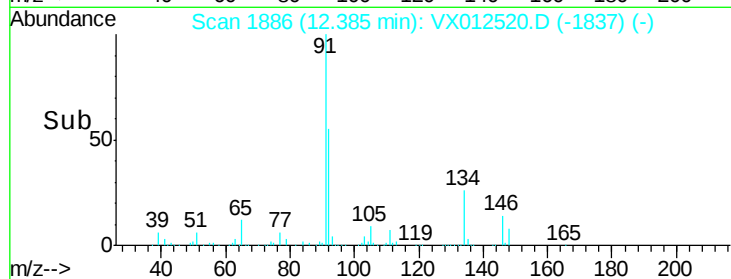
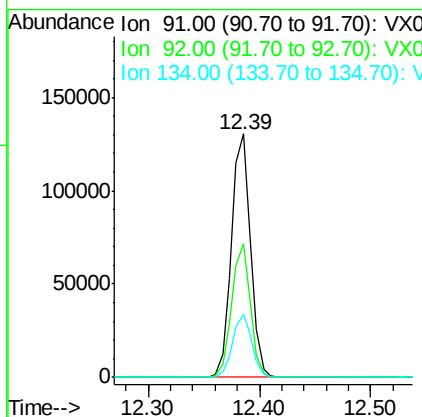
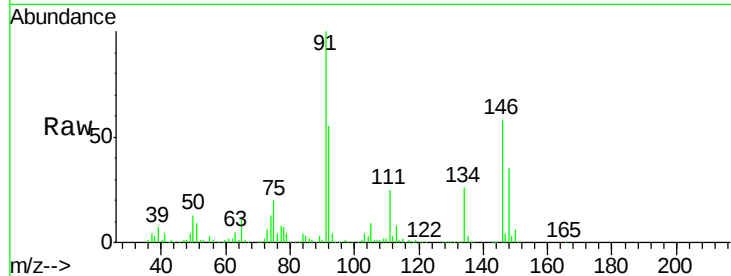
#89
n-Butylbenzene
Concen: 21.158 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX012520.D
Acq: 19 Sep 2019 12:04

Instrument :
MSVOA_X
ClientSampleId :
VX0919WBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	53.4	27.7	83.0	
134	25.9	12.9	38.6	

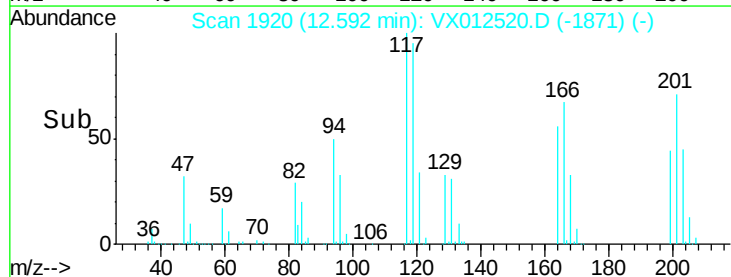
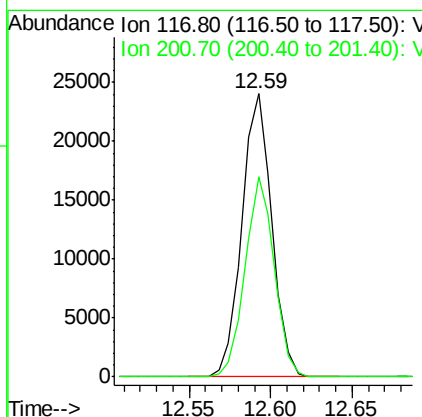
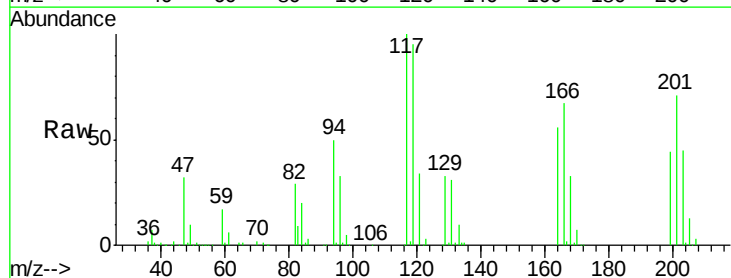
Manual Integrations
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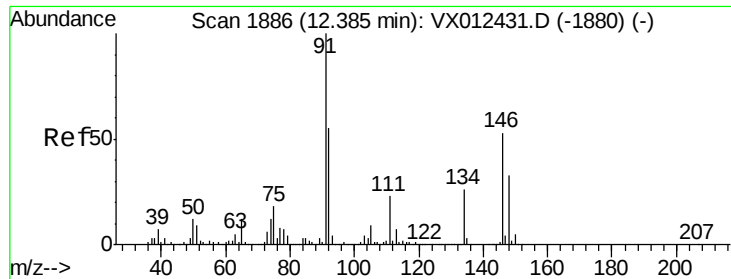
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#90
Hexachloroethane
Concen: 20.499 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX012520.D
Acq: 19 Sep 2019 12:04

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	68.6	33.3	99.8	





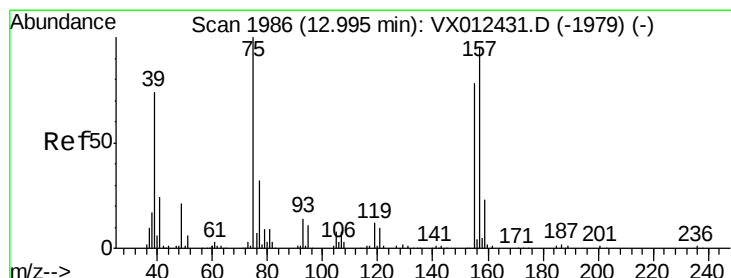
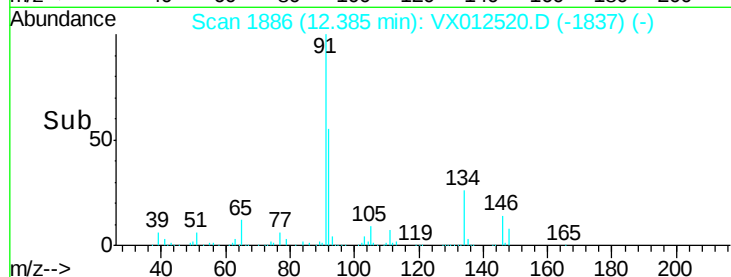
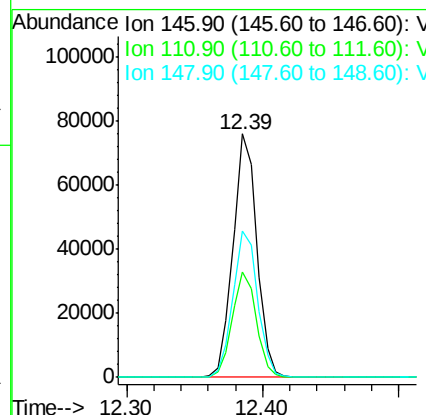
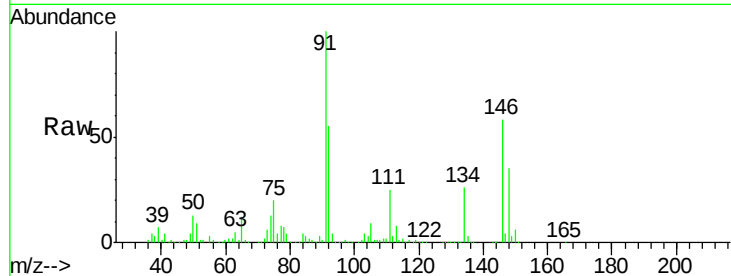
#91
 1,2-Dichlorobenzene
 Concen: 21.723 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX012520.D
 Acq: 19 Sep 2019 12:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0919WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.8	22.1	66.1
148	62.5	31.3	93.9

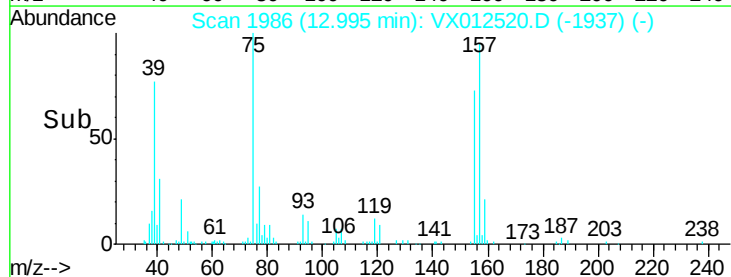
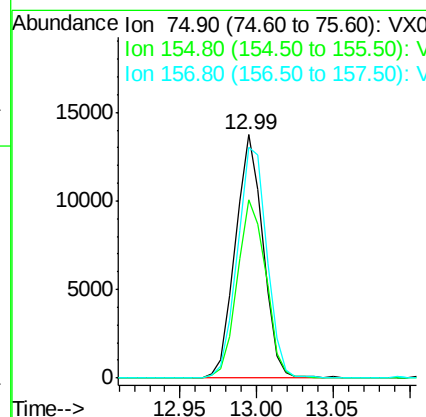
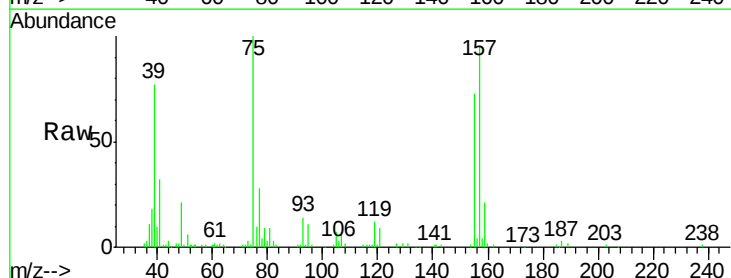
Manual Integrations
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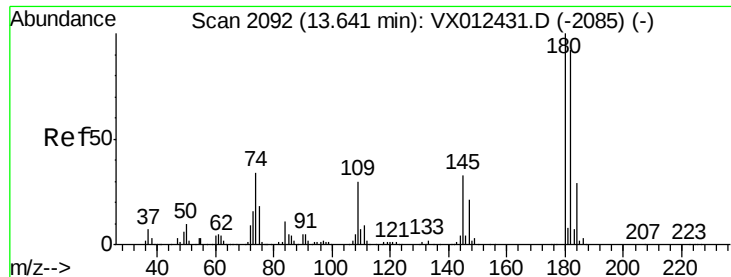
MMDadoda
 9/20/2019 11:43:32 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.105 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX012520.D
 Acq: 19 Sep 2019 12:04

Tgt Ion	Ratio	Lower	Upper
75	100		
155	76.1	38.6	115.8
157	101.3	50.6	151.9





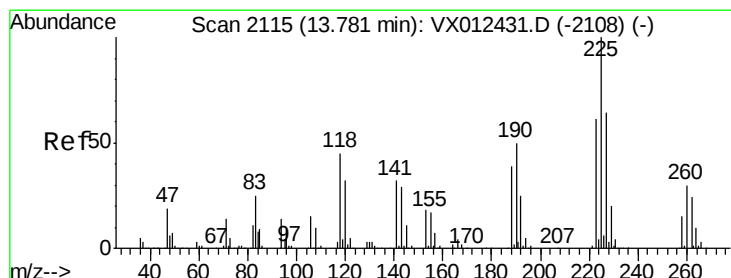
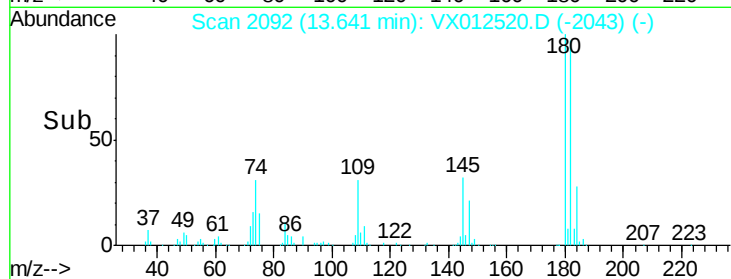
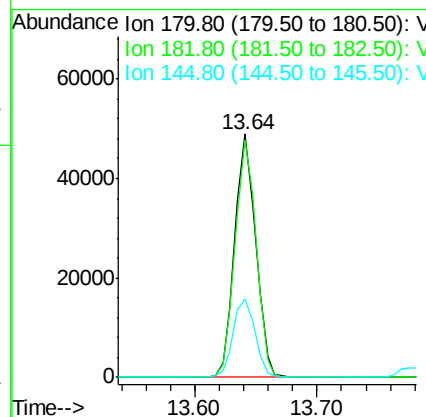
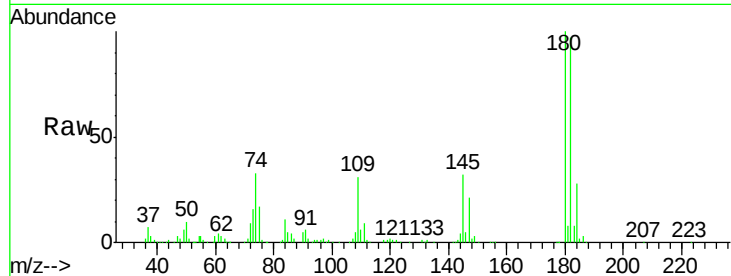
#93
 1,2,4-Trichlorobenzene
 Concen: 21.233 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX012520.D
 Acq: 19 Sep 2019 12:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0919WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	58120		
182	97.3	47.0	141.0	
145	33.6	16.8	50.4	

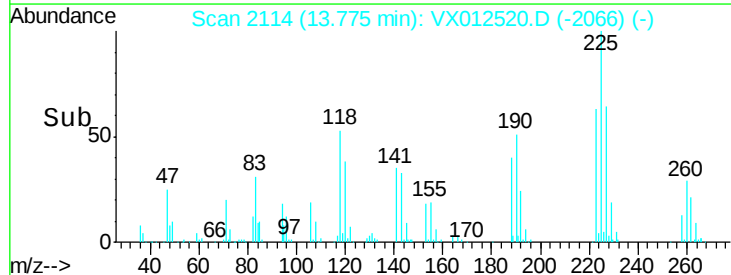
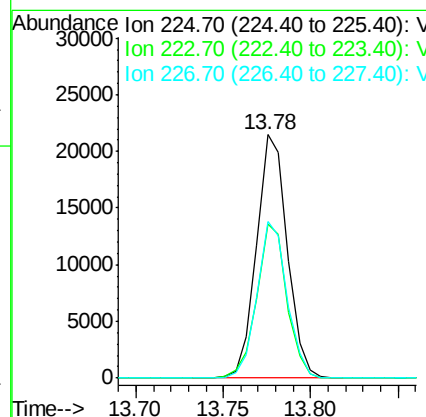
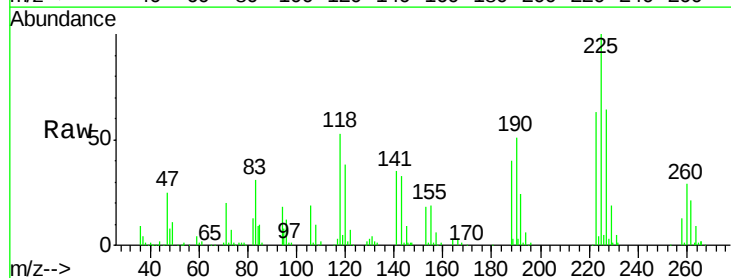
Manual Integrations
 APPROVED

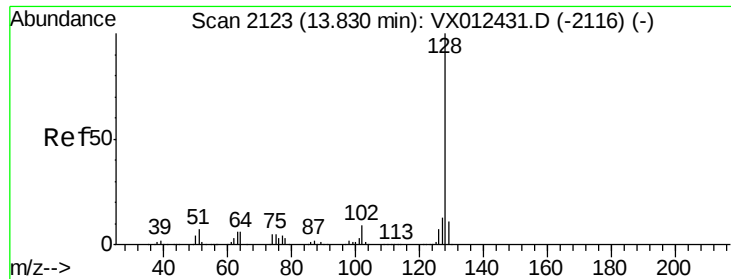
MMDadoda
 9/20/2019 11:43:32 AM



#94
 Hexachlorobutadiene
 Concen: 20.324 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.01 min
 Lab File: VX012520.D
 Acq: 19 Sep 2019 12:04

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	26220		
223	62.3	32.0	96.2	
227	62.6	31.9	95.5	





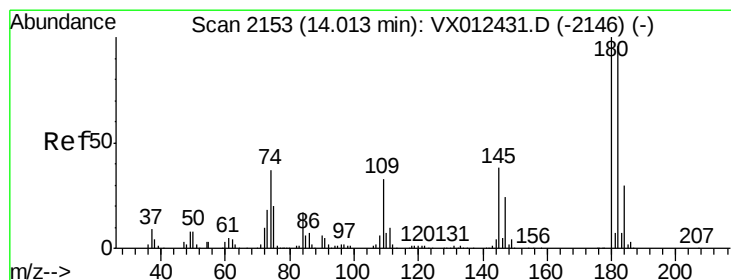
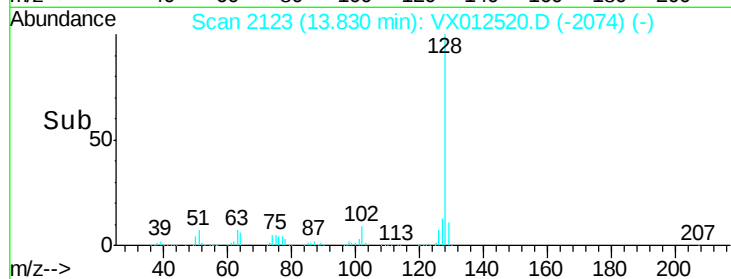
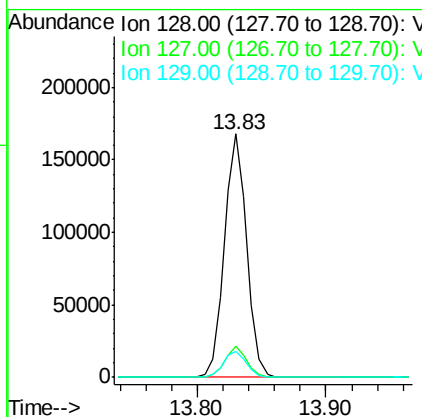
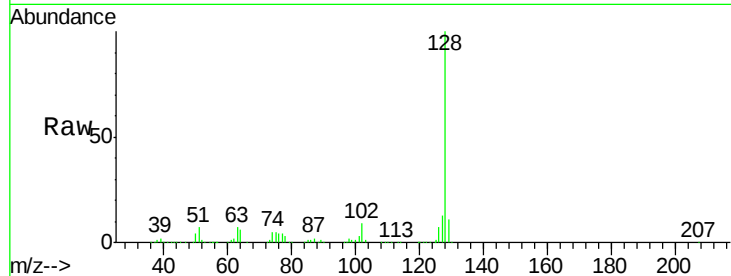
#95
Naphthalene
Concen: 20.984 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX012520.D
Acq: 19 Sep 2019 12:04

Instrument :
MSVOA_X
ClientSampleId :
VX0919WBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	204382		
127	12.6		10.2	15.4
129	11.0		8.8	13.2

Manual Integrations
APPROVED

MMDadoda
9/20/2019 11:43:32 AM



#96
1,2,3-Trichlorobenzene
Concen: 21.912 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX012520.D
Acq: 19 Sep 2019 12:04

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	61120		
182	94.7		47.1	141.3
145	34.5		18.0	54.0

