

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX111418\
 Data File : VX005967.D
 Acq On : 14 Nov 2018 11:50
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 11/15/2018 1:04:50 PM

Quant Time: Nov 15 00:31:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	114868	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	154904	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	144711	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	85200	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	67008	50.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.48%	
35) Dibromofluoromethane	5.50	113	54804	52.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.04%	
50) Toluene-d8	8.71	98	189674	54.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.30%	
62) 4-Bromofluorobenzene	11.13	95	73596	58.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	50434	48.70	ug/l	99
3) Chloromethane	1.33	50	68590	50.46	ug/l	94
4) Vinyl Chloride	1.41	62	71317	52.27	ug/l	98
5) Bromomethane	1.64	94	42206	50.55	ug/l	100
6) Chloroethane	1.72	64	39626	48.67	ug/l	97
7) Trichlorofluoromethane	1.93	101	98129	54.18	ug/l	91
8) Diethyl Ether	2.19	74	37841	53.32	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	58312	55.98	ug/l	97
10) Methyl Iodide	2.51	142	64751	51.29	ug/l	99
11) Tert butyl alcohol	3.07	59	83792	221.50	ug/l	99
12) 1,1-Dichloroethene	2.37	96	49597	48.85	ug/l	94
13) Acrolein	2.30	56	53656	293.83	ug/l	96
14) Allyl chloride	2.73	41	115457	50.92	ug/l	100
15) Acrylonitrile	3.15	53	208508	265.96	ug/l	96
16) Acetone	2.45	43	180146	253.36	ug/l	100
17) Carbon Disulfide	2.57	76	142283	46.98	ug/l #	94
18) Methyl Acetate	2.78	43	106711	56.19	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	187066	53.98	ug/l	99
20) Methylene Chloride	2.86	84	58726	50.28	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	55359	51.69	ug/l	83
22) Diisopropyl ether	3.86	45	214134	53.91	ug/l #	81
23) Vinyl Acetate	3.82	43	959693	281.77	ug/l	98
24) 1,1-Dichloroethane	3.71	63	109539	51.69	ug/l	98
25) 2-Butanone	4.70	43	285708	255.59	ug/l	93
26) 2,2-Dichloropropane	4.59	77	87999	56.60	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	58278	49.28	ug/l	95
28) Bromochloromethane	5.02	49	52889	55.84	ug/l	99
29) Tetrahydrofuran	5.16	42	173742	242.07	ug/l	99
30) Chloroform	5.22	83	99694	48.76	ug/l	94
31) Cyclohexane	5.58	56	87173	47.39	ug/l	92
32) 1,1,1-Trichloroethane	5.51	97	88952	52.16	ug/l	98
36) 1,1-Dichloropropene	5.80	75	72785	48.74	ug/l	97
37) Ethyl Acetate	4.85	43	97229	49.51	ug/l	99
38) Carbon Tetrachloride	5.78	117	76845	51.40	ug/l	89

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	84739	55.99	ug/l	98
40) Benzene	6.14	78	211757	48.64	ug/l	98
41) Methacrylonitrile	5.06	41	57714	54.39	ug/l	99
42) 1,2-Dichloroethane	6.20	62	78539	50.37	ug/l	99
43) Isopropyl Acetate	6.46	43	143052	50.27	ug/l	99
44) Trichloroethene	7.21	130	58035	52.49	ug/l	77
45) 1,2-Dichloropropane	7.52	63	55726	52.74	ug/l	99
46) Dibromomethane	7.66	93	35232	53.14	ug/l	98
47) Bromodichloromethane	7.90	83	70661	56.39	ug/l	97
48) Methyl methacrylate	7.77	41	71853	56.24	ug/l	98
49) 1,4-Dioxane	7.75	88	27610	1002.83	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	479477	267.37	ug/l	100
52) Toluene	8.79	92	127079	52.23	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	80261	54.28	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	86087	57.12	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	52461	48.38	ug/l	99
56) Ethyl methacrylate	9.18	69	83561	51.50	ug/l	99
57) 1,3-Dichloropropane	9.37	76	89339	49.03	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	245896	277.21	ug/l	99
59) 2-Hexanone	9.49	43	389296	246.27	ug/l	99
60) Dibromochloromethane	9.59	129	57845	49.36	ug/l	99
61) 1,2-Dibromoethane	9.67	107	54960	45.84	ug/l	100
64) Tetrachloroethene	9.34	164	58060	47.12	ug/l	99
65) Chlorobenzene	10.14	112	144677	49.91	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	54086	53.66	ug/l	100
67) Ethyl Benzene	10.25	91	254317	54.71	ug/l	100
68) m/p-Xylenes	10.36	106	195475	110.24	ug/l	98
69) o-Xylene	10.70	106	92518	58.19	ug/l	98
70) Styrene	10.71	104	157177	59.92	ug/l	99
71) Bromoform	10.86	173	48212	57.06	ug/l	99
73) Isopropylbenzene	11.02	105	260069	52.78	ug/l	100
74) N-amyl acetate	10.90	43	128452	46.55	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	86757	47.97	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	85497m	49.28	ug/l	
77) Bromobenzene	11.26	156	67584	48.67	ug/l	99
78) n-propylbenzene	11.36	91	308246	53.09	ug/l	99
79) 2-Chlorotoluene	11.42	91	179664	51.19	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	226067	53.99	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	28512	52.38	ug/l	99
82) 4-Chlorotoluene	11.51	91	216831	52.42	ug/l	100
83) tert-Butylbenzene	11.77	119	219662	51.86	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	232376	50.29	ug/l	99
85) sec-Butylbenzene	11.94	105	272026	52.52	ug/l	100
86) p-Isopropyltoluene	12.07	119	248209	54.10	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	129299	48.51	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	131899	48.34	ug/l	99
89) n-Butylbenzene	12.39	91	229571	53.99	ug/l	99
90) Hexachloroethane	12.60	117	40050	52.28	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	128885	48.27	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	22463	50.90	ug/l	98

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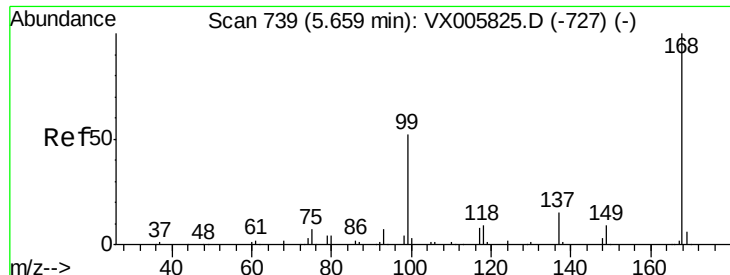
Manual Integrations
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MMDadoda
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	99876	53.14	ug/l	100
94) Hexachlorobutadiene	13.78	225	51606	52.27	ug/l	99
95) Naphthalene	13.83	128	294813	48.14	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	99747	52.09	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005967.D

Acq: 14 Nov 2018 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:168 Resp: 114868

Ion Ratio Lower Upper

168 100

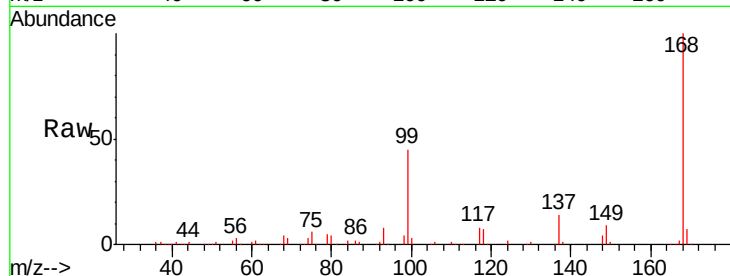
99 45.2 40.7 61.1

Manual Integrations

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11/15/2018 1:04:50 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

40000

30000

20000

10000

0

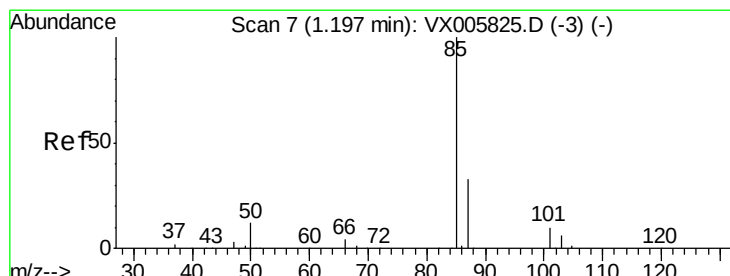
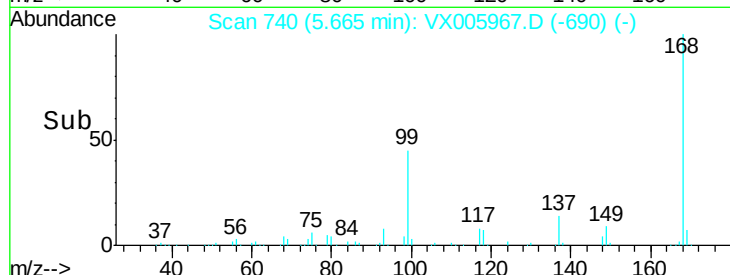
5.50

5.60

5.70

5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 48.70 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX005967.D

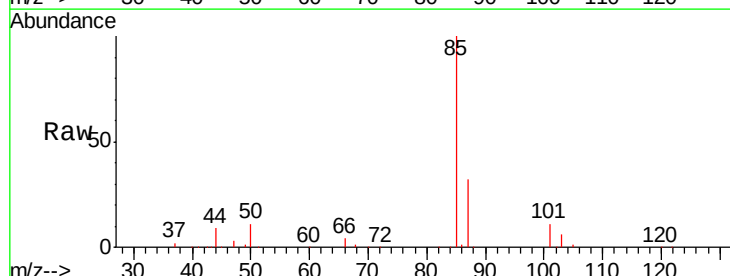
Acq: 14 Nov 2018 11:50

Tgt Ion: 85 Resp: 50434

Ion Ratio Lower Upper

85 100

87 32.3 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

40000

30000

20000

10000

0

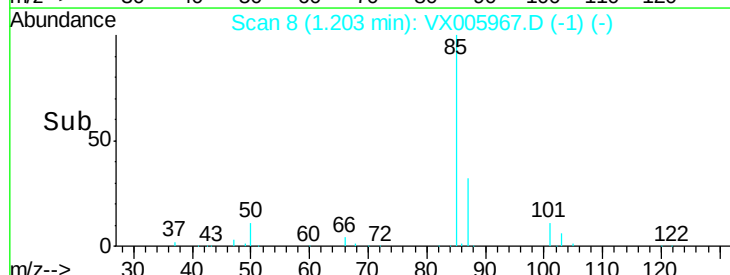
1.15

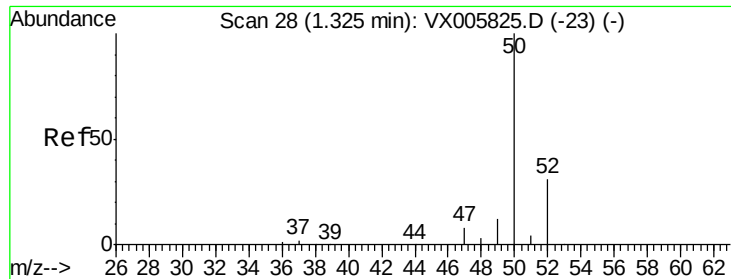
1.20

1.25

1.30

Time-->





#3

Chloromethane

Concen: 50.46 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX005967.D

Acq: 14 Nov 2018 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 50 Resp: 68590

Ion Ratio Lower Upper

50 100

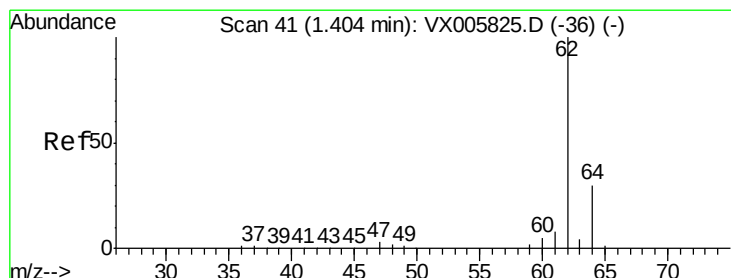
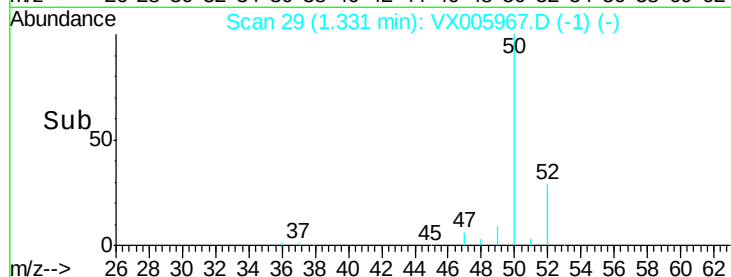
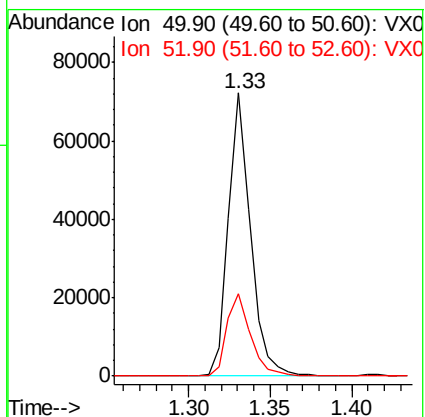
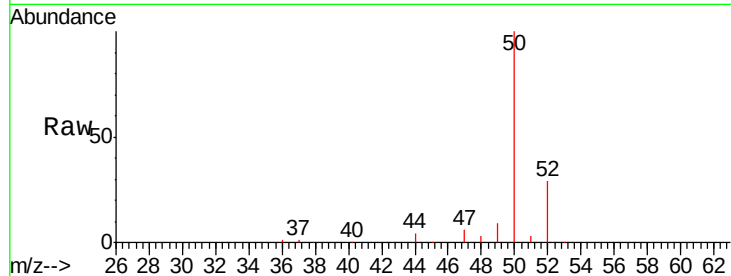
52 29.3 26.2 39.2

Manual Integrations

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11/15/2018 1:04:50 PM



#4

Vinyl Chloride

Concen: 52.27 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.01 min

Lab File: VX005967.D

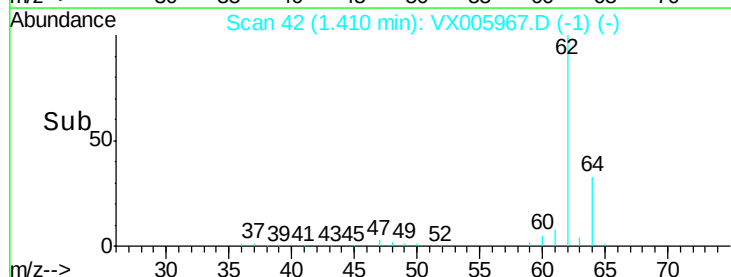
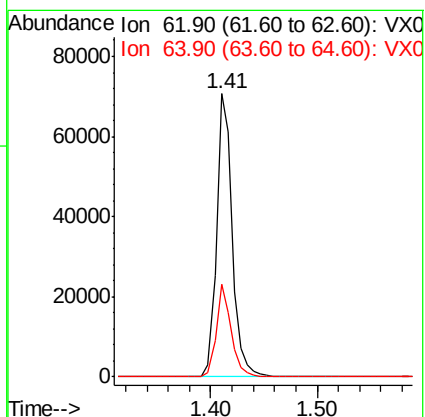
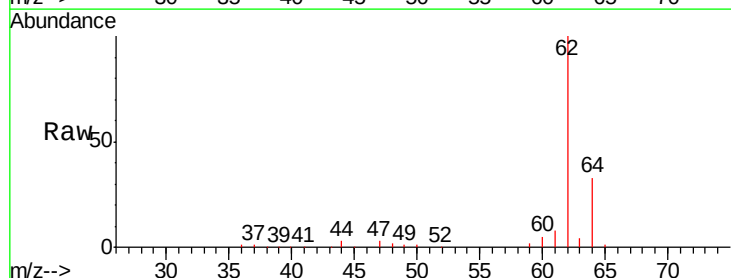
Acq: 14 Nov 2018 11:50

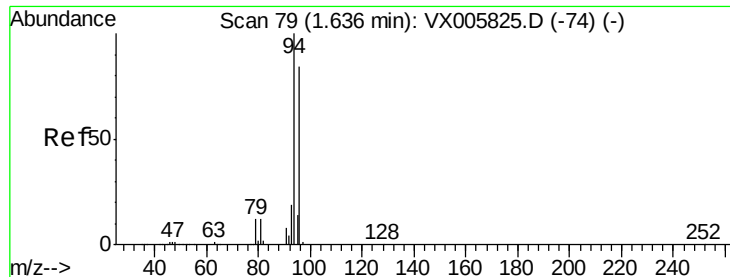
Tgt Ion: 62 Resp: 71317

Ion Ratio Lower Upper

62 100

64 32.9 25.3 37.9





#5

Bromomethane

Concen: 50.55 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX005967.D

Acq: 14 Nov 2018 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 94 Resp: 42206

Ion Ratio Lower Upper

94 100

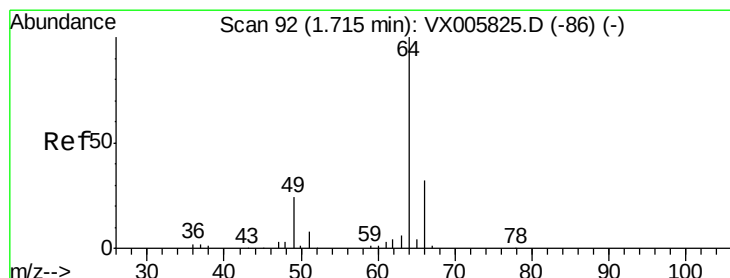
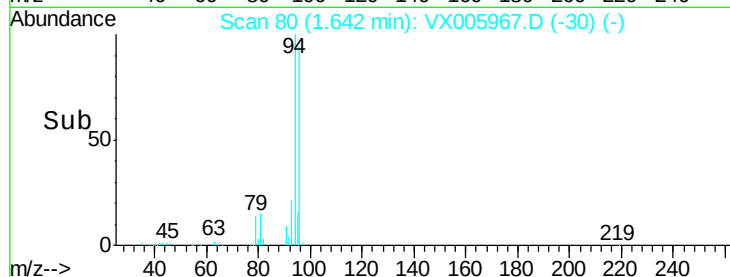
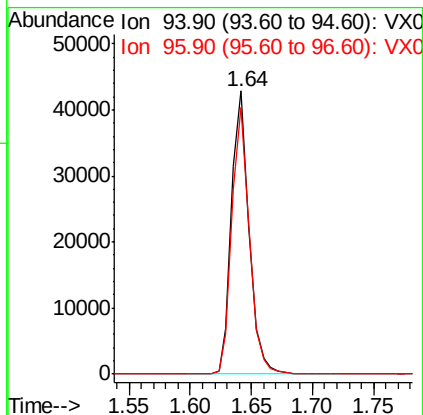
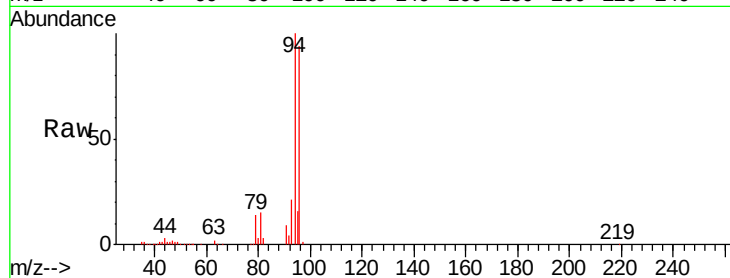
96 94.2 75.2 112.8

Manual Integrations

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11/15/2018 1:04:50 PM



#6

Chloroethane

Concen: 48.67 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX005967.D

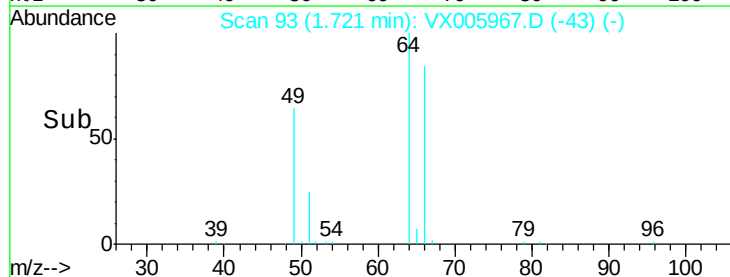
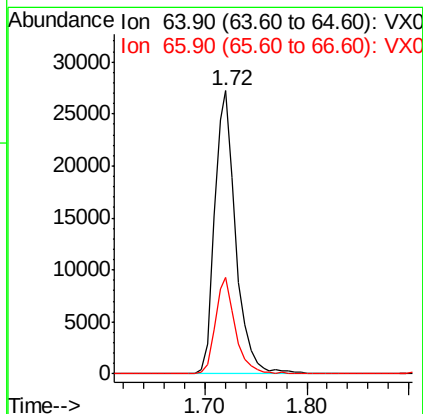
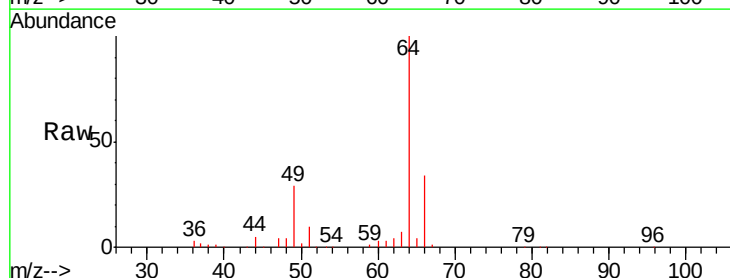
Acq: 14 Nov 2018 11:50

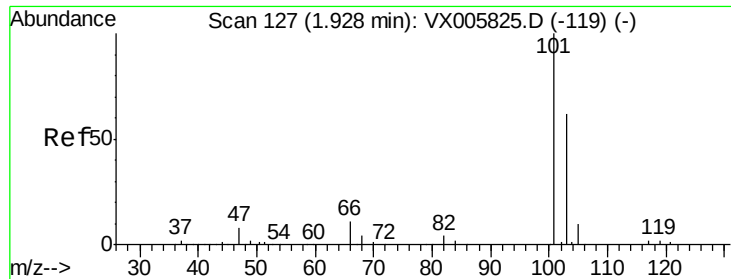
Tgt Ion: 64 Resp: 39626

Ion Ratio Lower Upper

64 100

66 34.1 25.8 38.6





#7

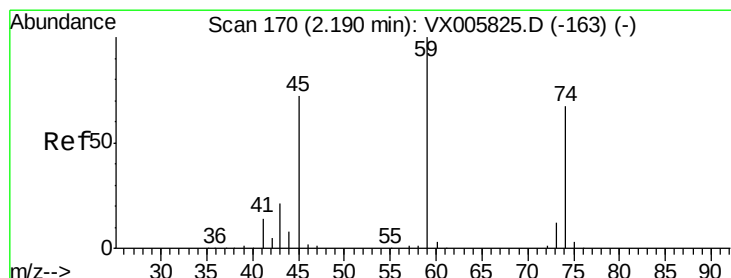
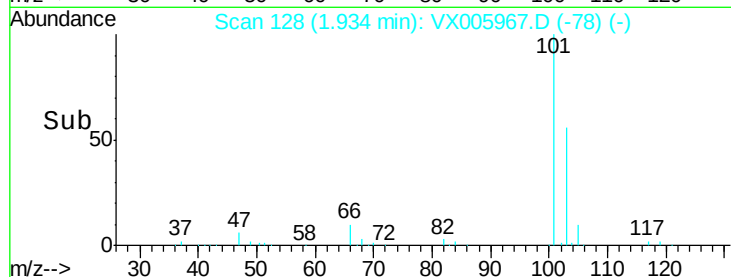
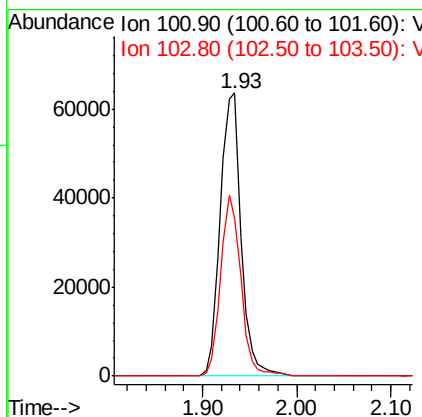
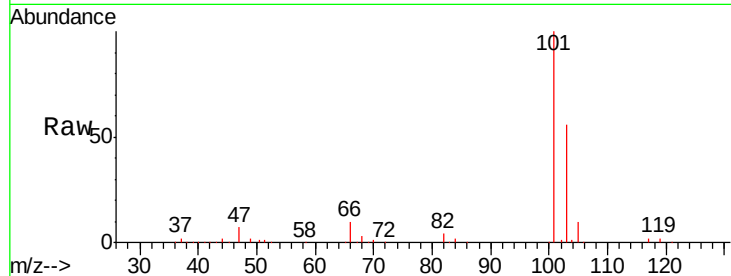
Trichlorofluoromethane
 Concen: 54.18 ug/l
 RT: 1.93 min Scan# 128
 Delta R.T. 0.01 min
 Lab File: VX005967.D
 Acq: 14 Nov 2018 11:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 101 Resp: 98129
 Ion Ratio Lower Upper
 101 100
 103 55.7 50.0 75.0

Manual Integrations
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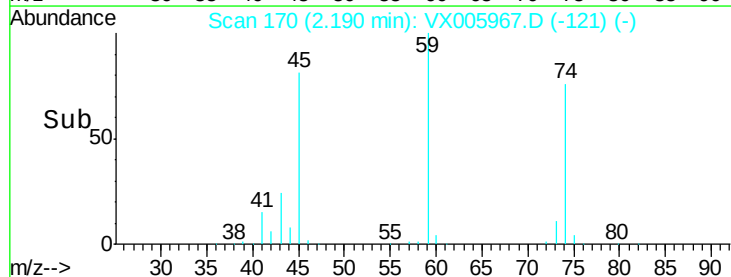
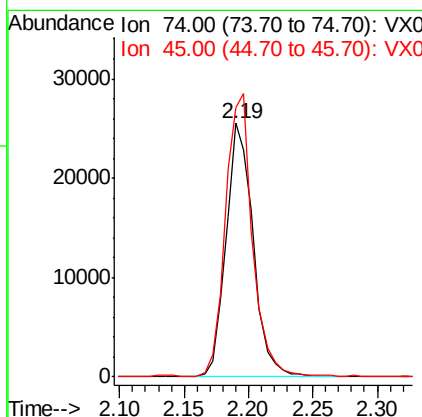
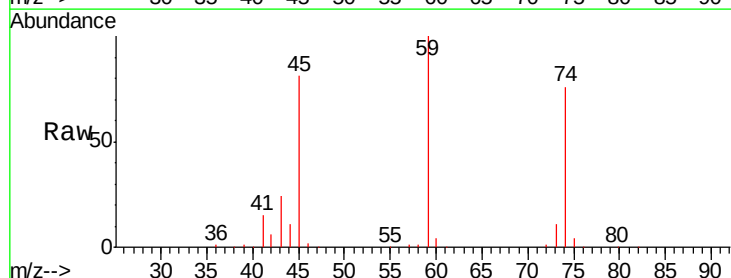
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 11/15/2018 1:04:50 PM

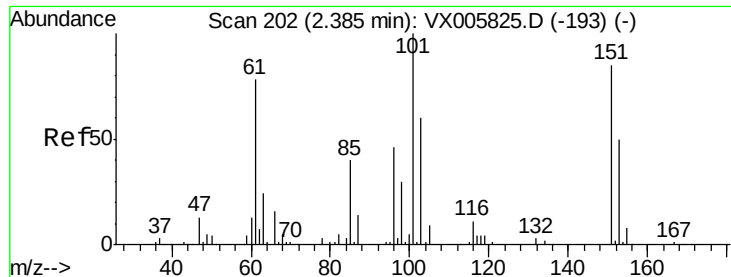


#8

Diethyl Ether
 Concen: 53.32 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX005967.D
 Acq: 14 Nov 2018 11:50

Tgt Ion: 74 Resp: 37841
 Ion Ratio Lower Upper
 74 100
 45 110.5 54.1 162.3





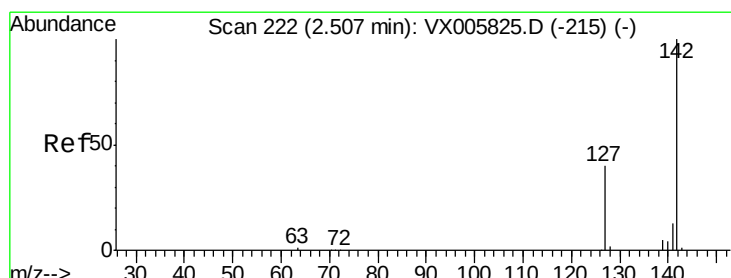
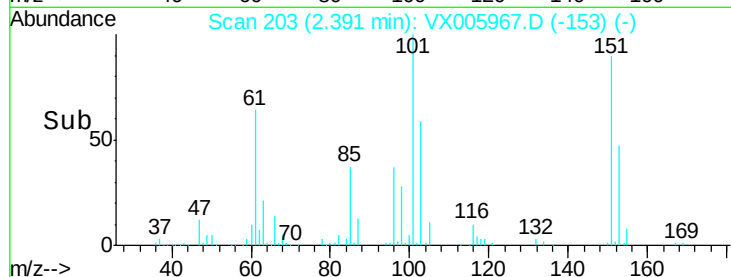
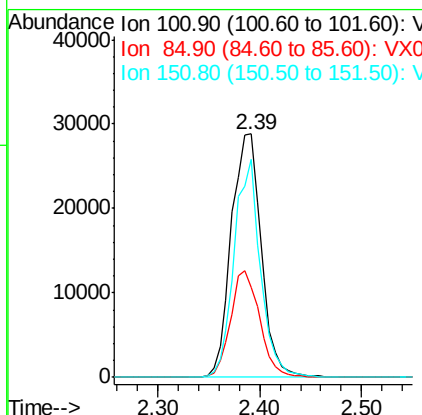
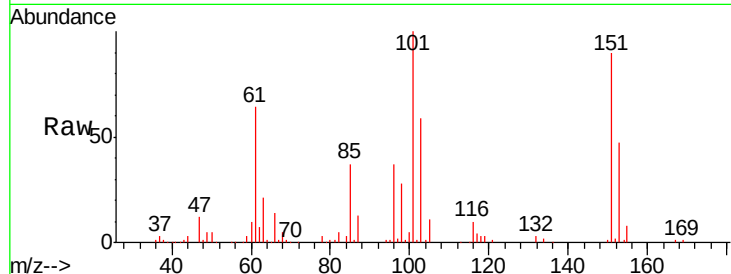
#9
1,1,2-Trichlorotrifluoroethane
Concen: 55.98 ug/l
RT: 2.39 min Scan# 203
Delta R.T. 0.01 min
Lab File: VX005967.D
Acq: 14 Nov 2018 11:50

Instrument :
MSVOA_X
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Tgt Ion	Ratio	Resp	Lower	Upper
101	100	58312		
85	42.6	35.0	52.4	
151	79.1	66.2	99.2	

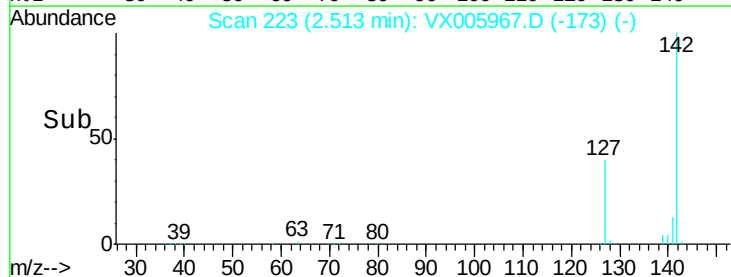
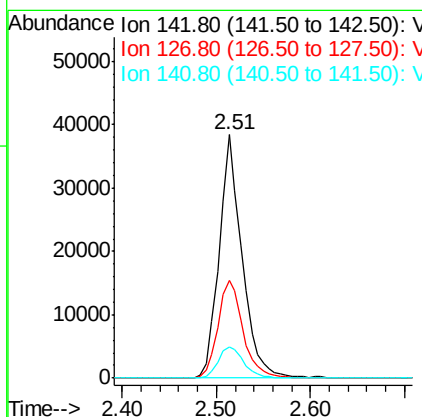
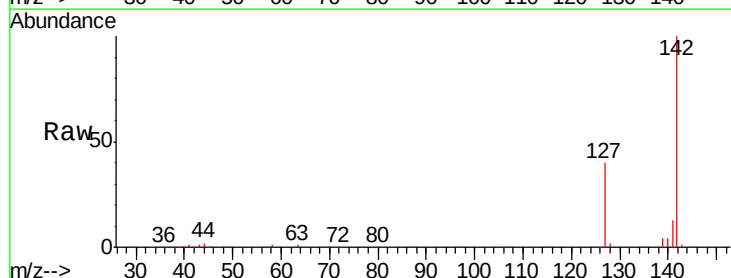
Manual Integrations
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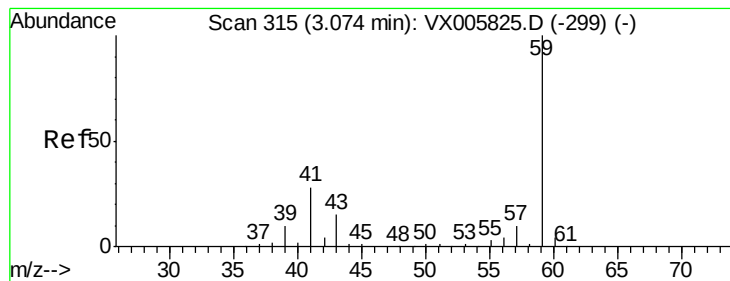
MMDadoda
11/15/2018 1:04:50 PM



#10
Methyl Iodide
Concen: 51.29 ug/l
RT: 2.51 min Scan# 223
Delta R.T. 0.01 min
Lab File: VX005967.D
Acq: 14 Nov 2018 11:50

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	64751		
127	44.1	36.0	54.0	
141	14.4	11.7	17.5	





#11

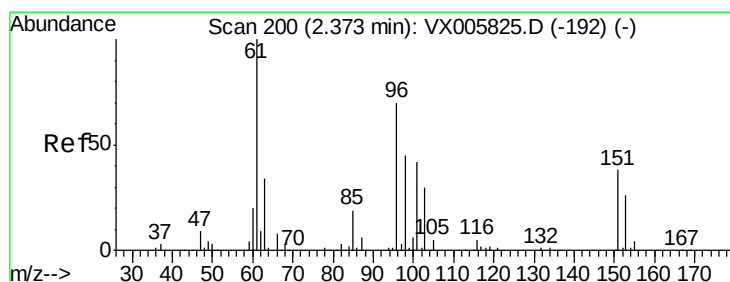
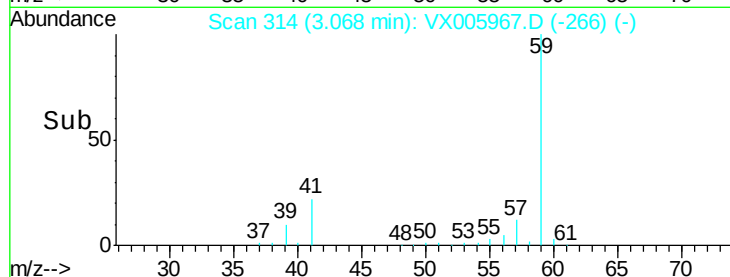
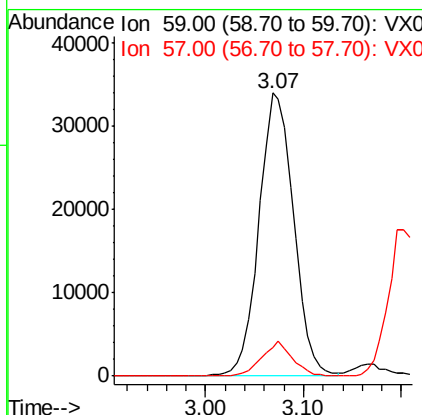
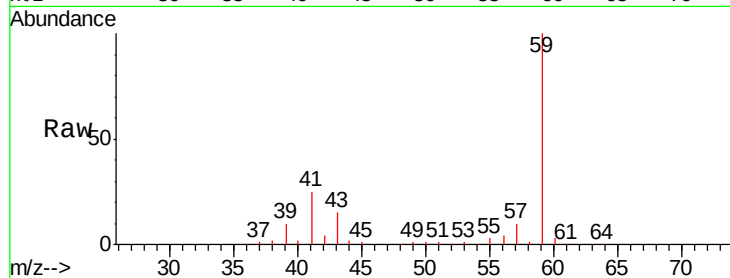
Tert butyl alcohol
Concen: 221.50 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX005967.D
Acq: 14 Nov 2018 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
59	100		
57	10.9	8.5	12.7

Manual Integrations
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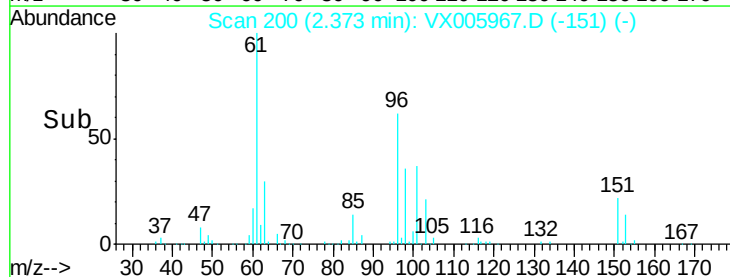
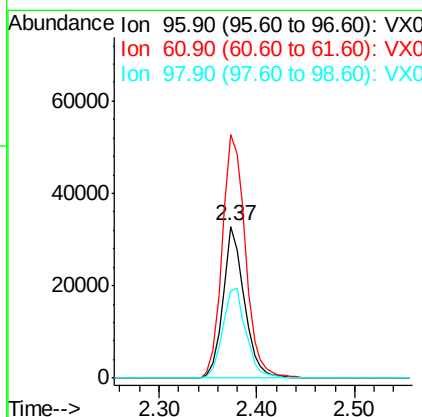
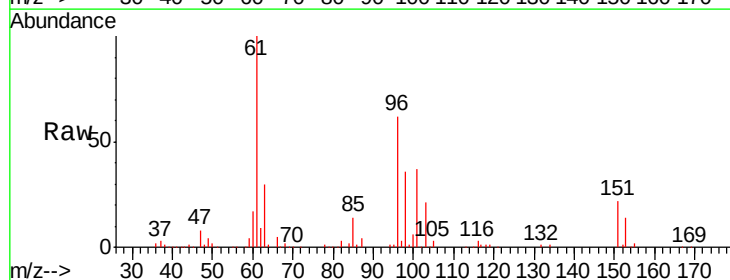
MMDadoda
11/15/2018 1:04:50 PM

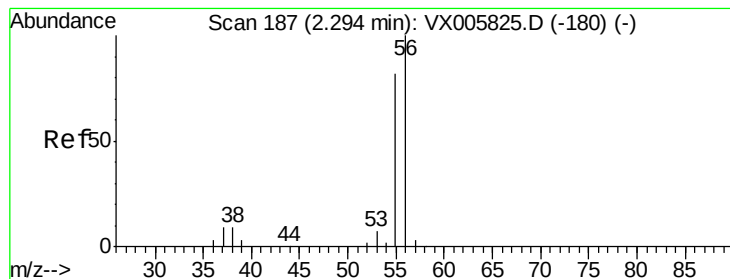


#12

1,1-Dichloroethene
Concen: 48.85 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX005967.D
Acq: 14 Nov 2018 11:50

Tgt Ion	Ratio	Lower	Upper
96	100		
61	160.5	131.8	197.8
98	57.3	53.4	80.2





#13

Acrolein

Concen: 293.83 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX005967.D

Acq: 14 Nov 2018 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 53656

Ion Ratio Lower Upper

56 100

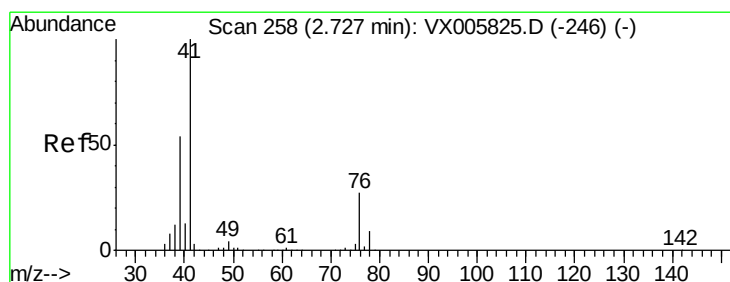
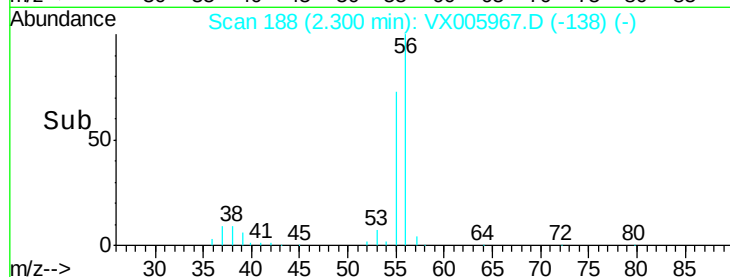
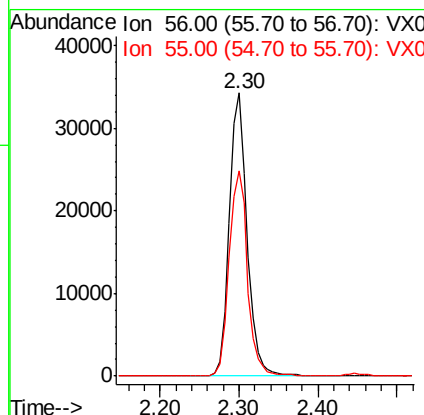
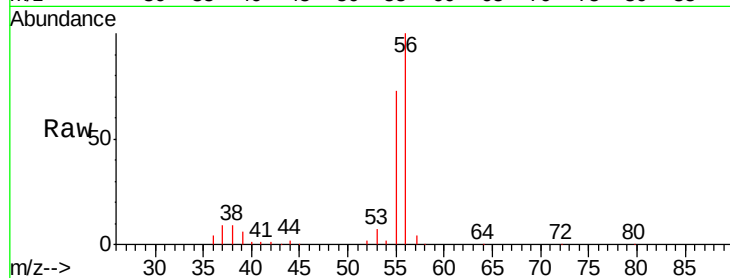
55 75.2 57.3 85.9

Manual Integrations

APPROVED

MMDadoda

11/15/2018 1:04:50 PM



#14

Allyl chloride

Concen: 50.92 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX005967.D

Acq: 14 Nov 2018 11:50

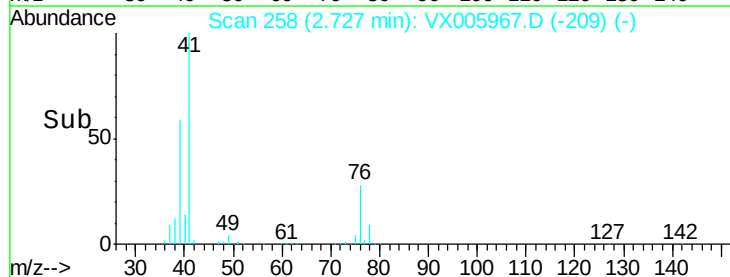
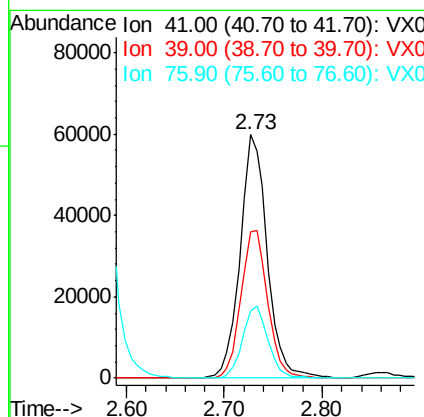
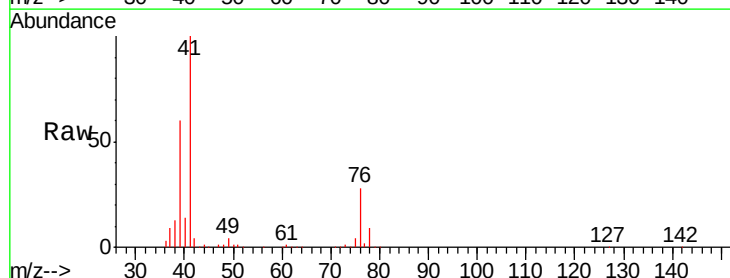
Tgt Ion: 41 Resp: 115457

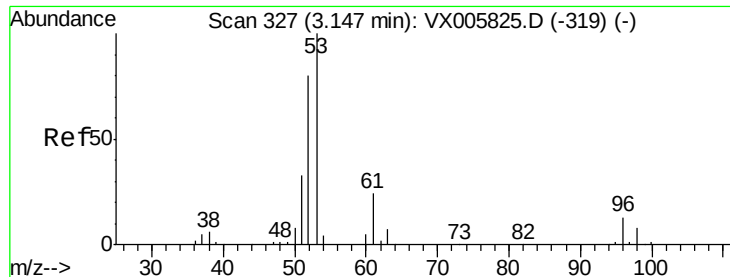
Ion Ratio Lower Upper

41 100

39 60.4 48.2 72.4

76 27.8 21.9 32.9





#15

Acrylonitrile

Concen: 265.96 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.01 min

Lab File: VX005967.D

Acq: 14 Nov 2018 11:50

Instrument :

MSVOA_X

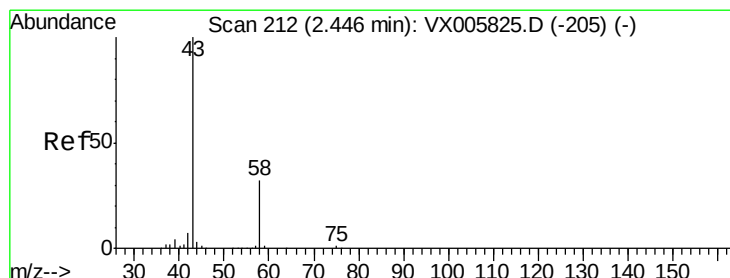
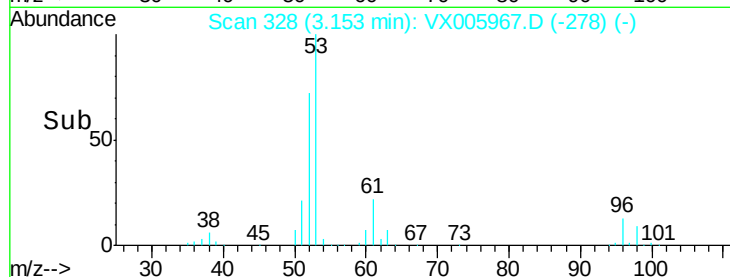
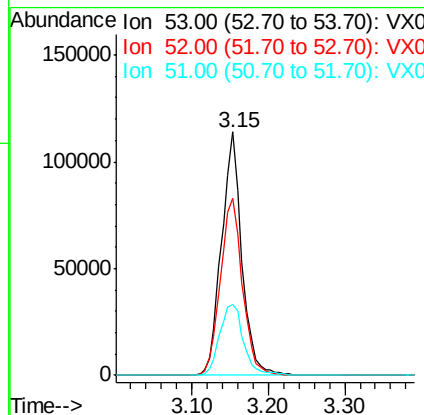
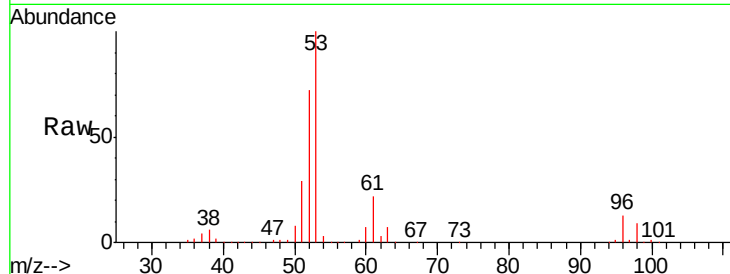
ClientSampleId :

VSTDCCC050

Tgt Ion:	53	Resp:	208508
Ion Ratio	Lower	Upper	
53	100		
52	78.9	66.6	99.8
51	34.3	28.4	42.6

Manual Integrations
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11/15/2018 1:04:50 PM



#16

Acetone

Concen: 253.36 ug/l

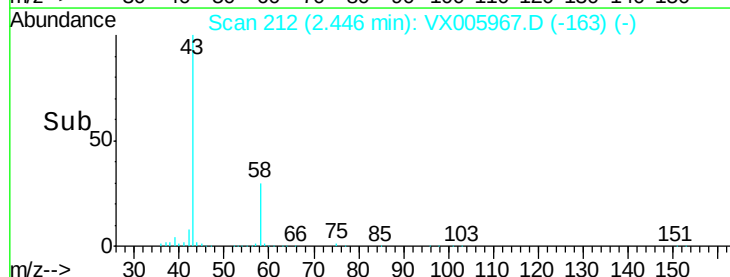
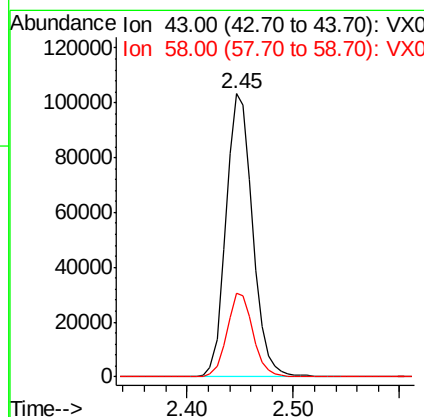
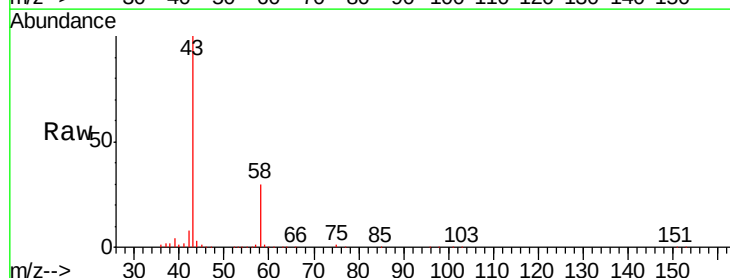
RT: 2.45 min Scan# 212

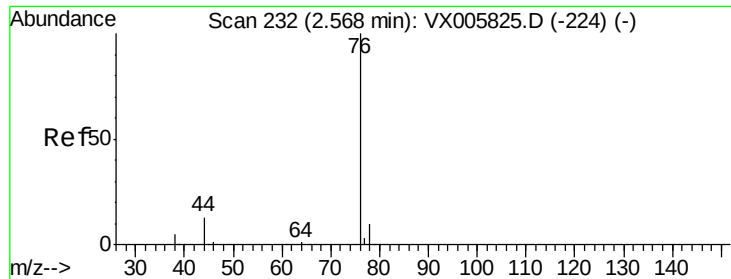
Delta R.T. -0.00 min

Lab File: VX005967.D

Acq: 14 Nov 2018 11:50

Tgt Ion:	43	Resp:	180146
Ion Ratio	Lower	Upper	
43	100		
58	29.7	23.8	35.6





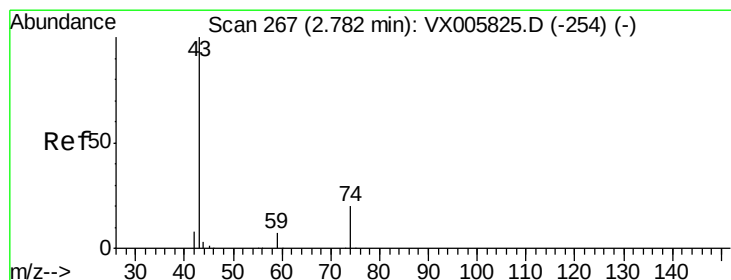
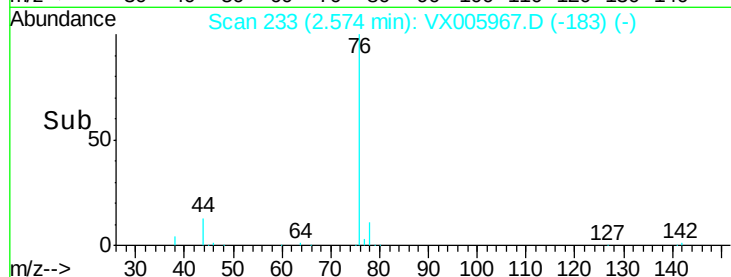
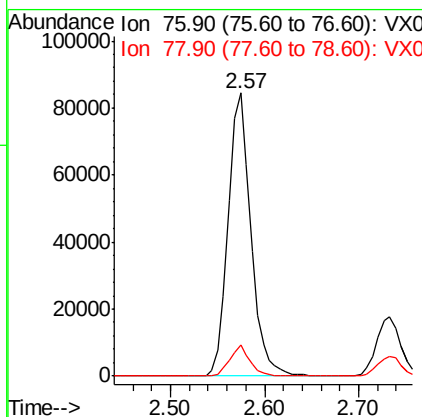
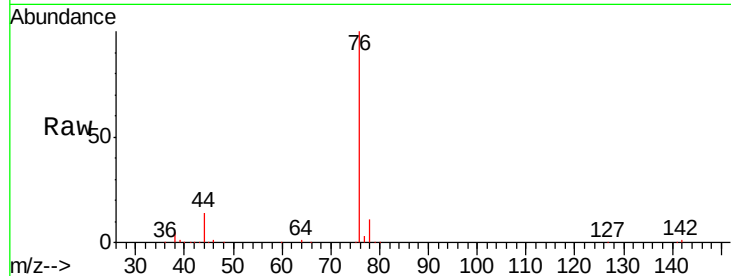
#17
Carbon Disulfide
Concen: 46.98 ug/l
RT: 2.57 min Scan# 233
Delta R.T. 0.01 min
Lab File: VX005967.D
Acq: 14 Nov 2018 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 142283
Ion Ratio Lower Upper
76 100
78 11.1 7.3 10.9#

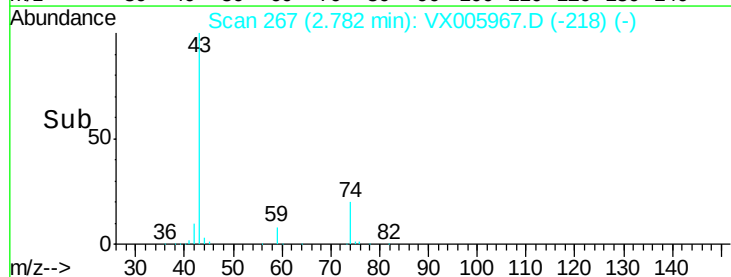
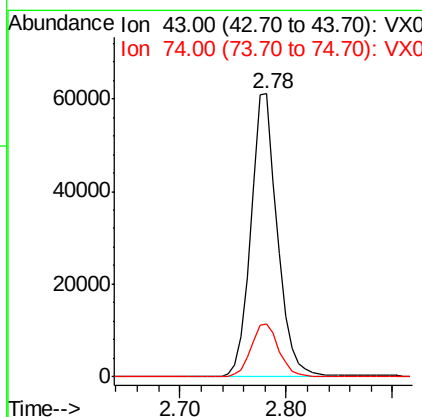
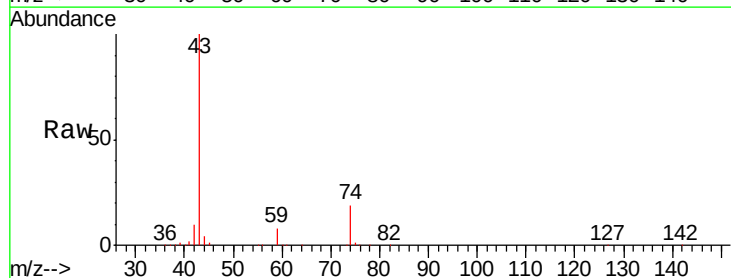
Manual Integrations
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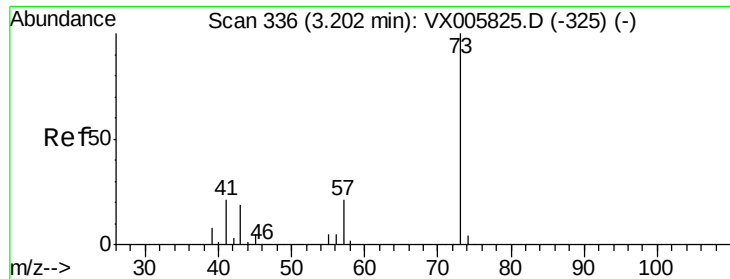
MMDadoda
11/15/2018 1:04:50 PM



#18
Methyl Acetate
Concen: 56.19 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX005967.D
Acq: 14 Nov 2018 11:50

Tgt Ion: 43 Resp: 106711
Ion Ratio Lower Upper
43 100
74 20.1 16.8 25.2





#19

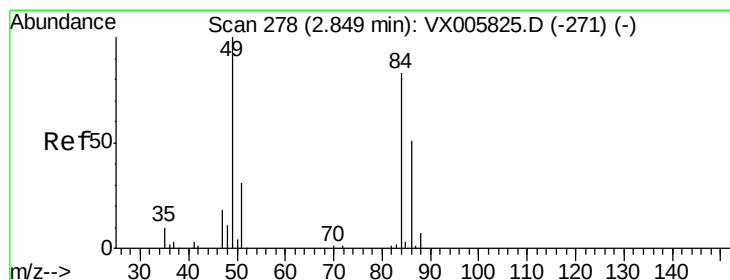
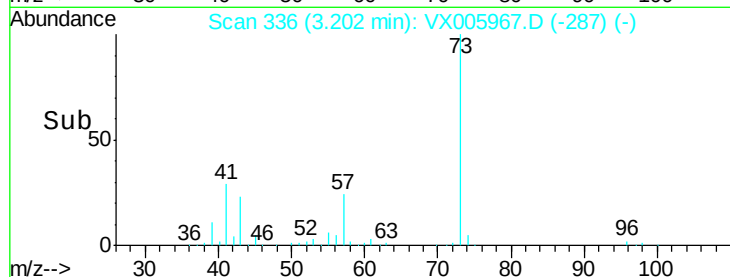
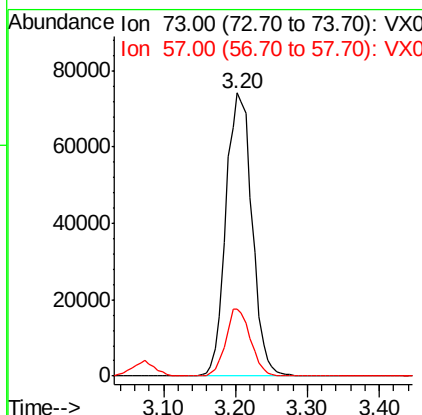
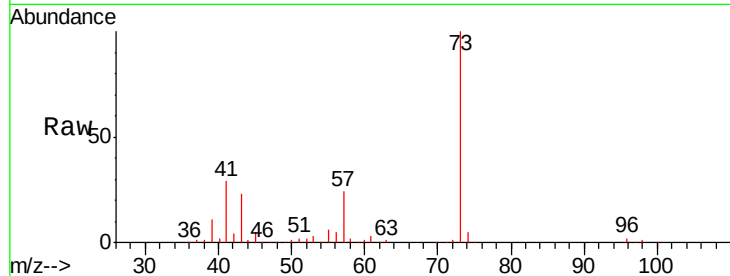
Methyl tert-butyl Ether
 Concen: 53.98 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. -0.00 min
 Lab File: VX005967.D
 Acq: 14 Nov 2018 11:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 73 Resp: 187066
 Ion Ratio Lower Upper
 73 100
 57 23.7 18.8 28.2

Manual Integrations
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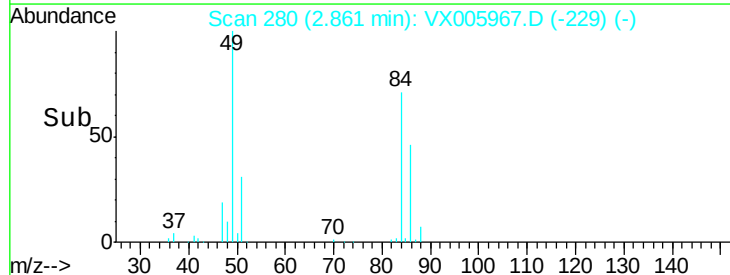
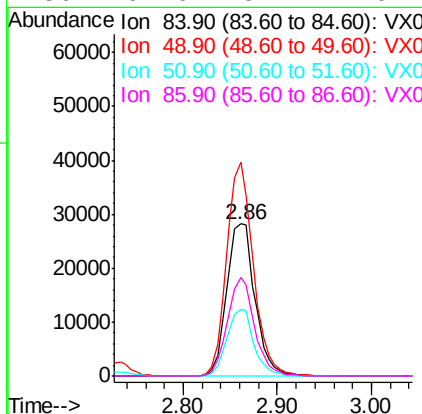
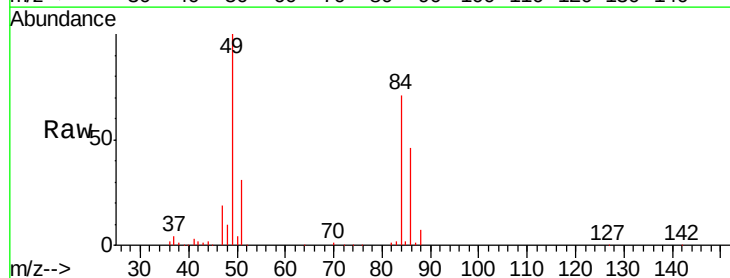
MMDadoda
 11/15/2018 1:04:50 PM

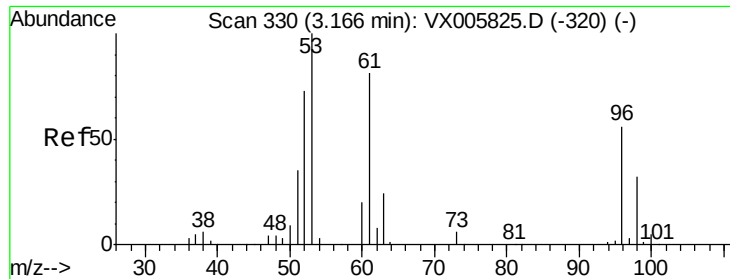


#20

Methylene Chloride
 Concen: 50.28 ug/l
 RT: 2.86 min Scan# 280
 Delta R.T. 0.01 min
 Lab File: VX005967.D
 Acq: 14 Nov 2018 11:50

Tgt Ion: 84 Resp: 58726
 Ion Ratio Lower Upper
 84 100
 49 140.4 109.5 164.3
 51 43.9 33.3 49.9
 86 64.6 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 51.69 ug/l

RT: 3.17 min Scan# 331

Delta R.T. 0.01 min

Lab File: VX005967.D

Acq: 14 Nov 2018 11:50

Instrument :

MSVOA_X

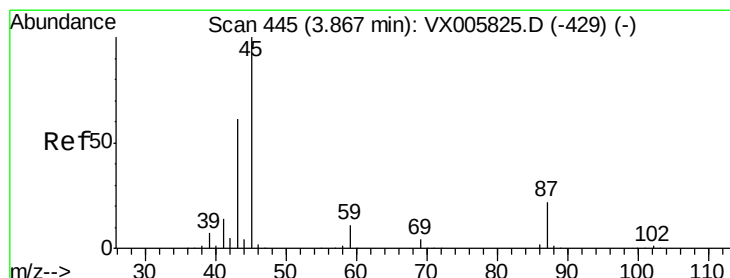
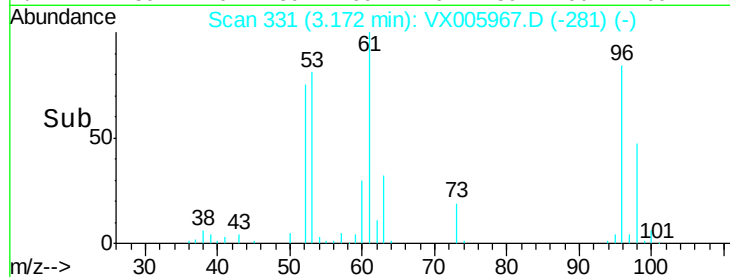
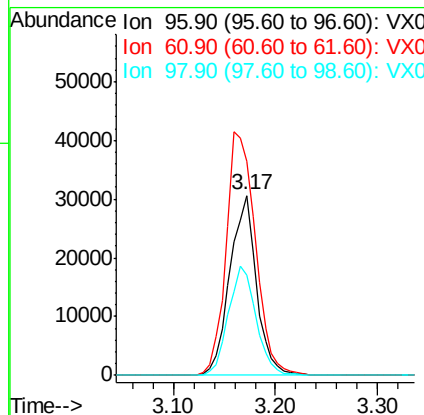
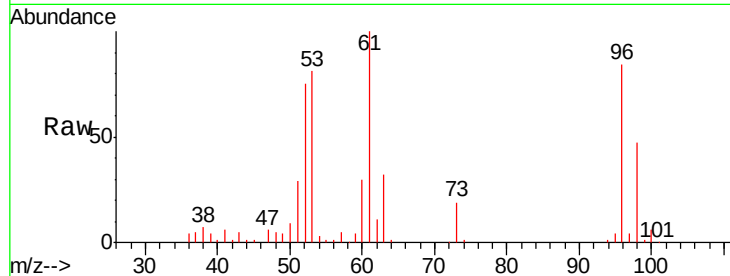
ClientSampleId :

VSTDCCC050

Tgt Ion:	96	Resp:	55359
Ion	Ratio	Lower	Upper
96	100		
61	119.3	115.6	173.4
98	55.8	50.2	75.2

Manual Integrations
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MMDadoda
11/15/2018 1:04:50 PM



#22

Diisopropyl ether

Concen: 53.91 ug/l

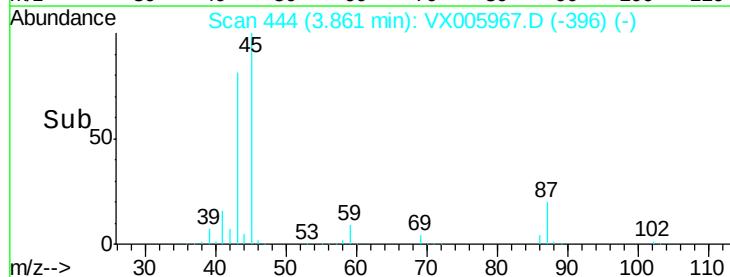
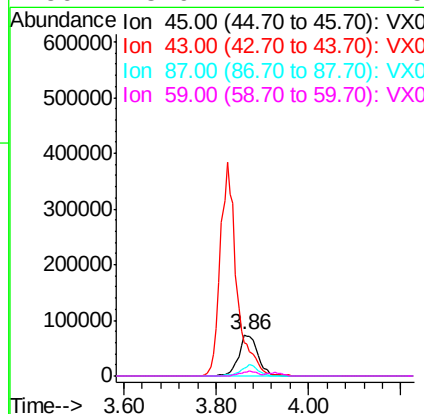
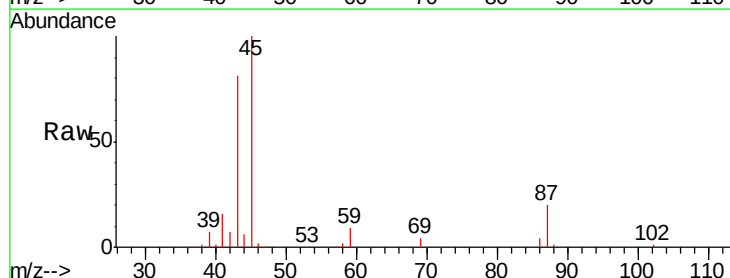
RT: 3.86 min Scan# 444

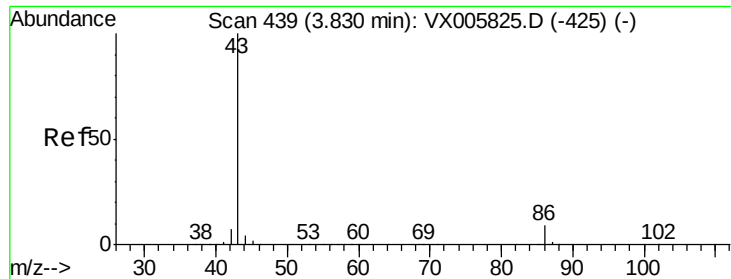
Delta R.T. -0.01 min

Lab File: VX005967.D

Acq: 14 Nov 2018 11:50

Tgt Ion:	45	Resp:	214134
Ion	Ratio	Lower	Upper
45	100		
43	80.6	47.4	71.2#
87	20.0	15.9	23.9
59	8.9	7.7	11.5





#23

Vinyl Acetate

Concen: 281.77 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.01 min

Lab File: VX005967.D

Acq: 14 Nov 2018 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 959693

Ion Ratio Lower Upper

43 100

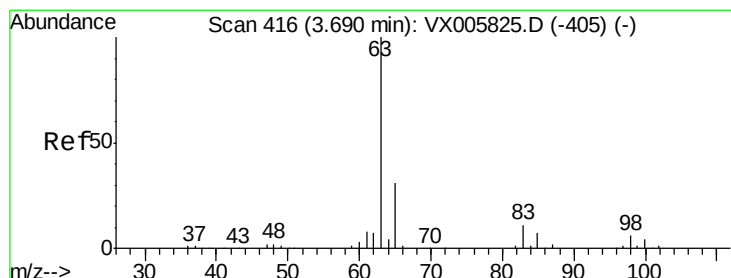
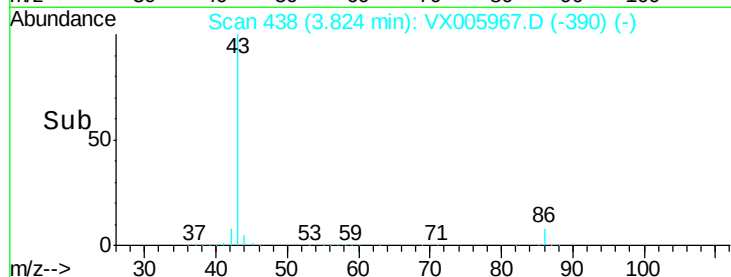
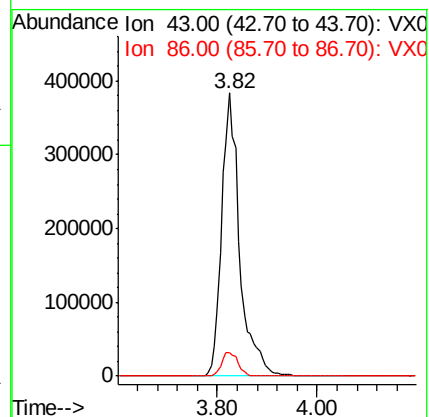
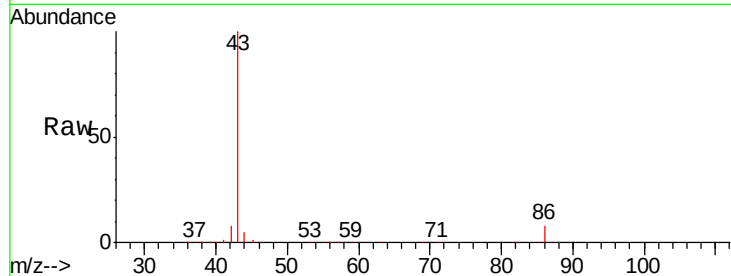
86 8.4 7.4 11.2

Manual Integrations

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MMDadoda

11/15/2018 1:04:50 PM



#24

1,1-Dichloroethane

Concen: 51.69 ug/l

RT: 3.71 min Scan# 419

Delta R.T. 0.02 min

Lab File: VX005967.D

Acq: 14 Nov 2018 11:50

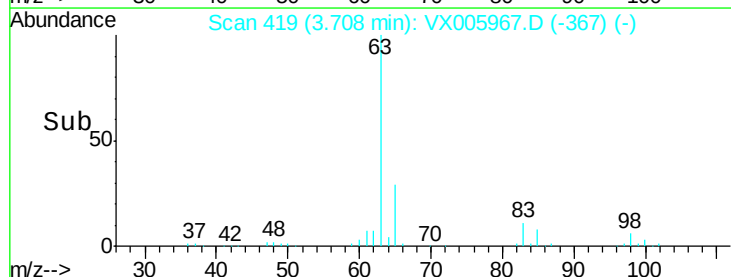
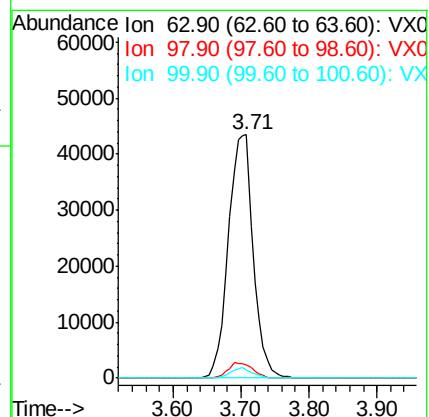
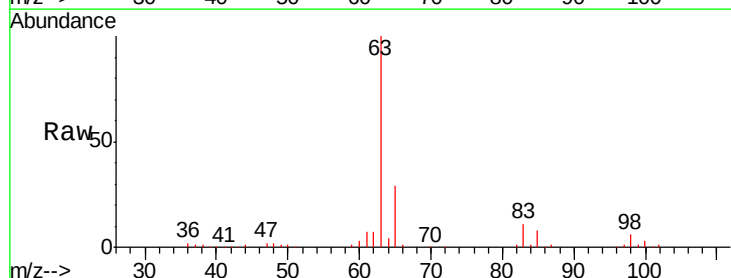
Tgt Ion: 63 Resp: 109539

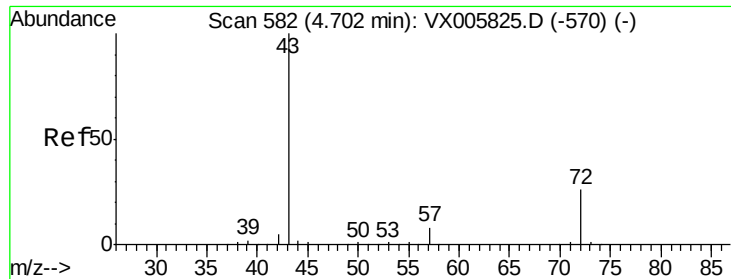
Ion Ratio Lower Upper

63 100

98 5.5 3.2 9.6

100 3.5 2.1 6.2





#25

2-Butanone

Concen: 255.59 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX005967.D

Acq: 14 Nov 2018 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 285708

Ion Ratio Lower Upper

43 100

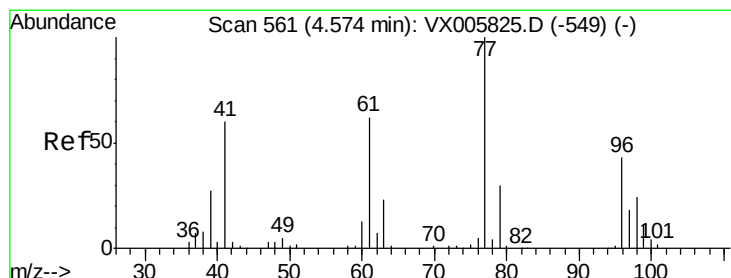
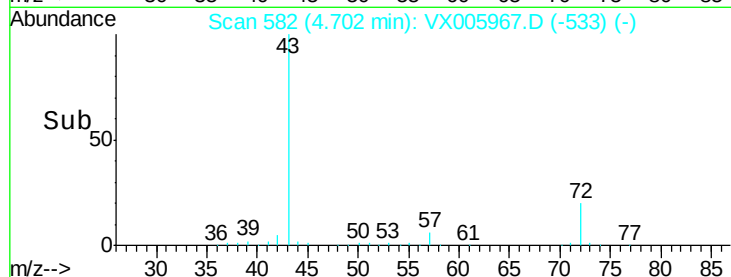
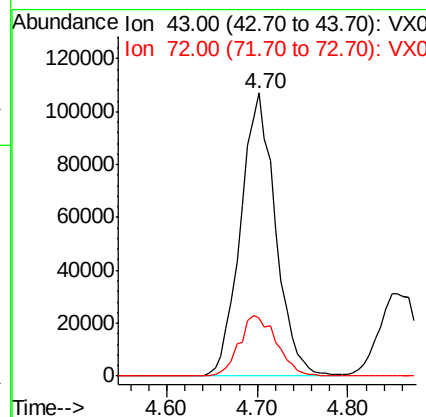
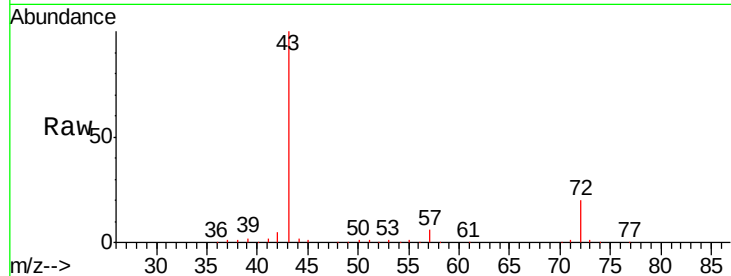
72 20.3 19.2 28.8

Manual Integrations

APPROVED

MMDadoda

11/15/2018 1:04:50 PM



#26

2,2-Dichloropropane

Concen: 56.60 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX005967.D

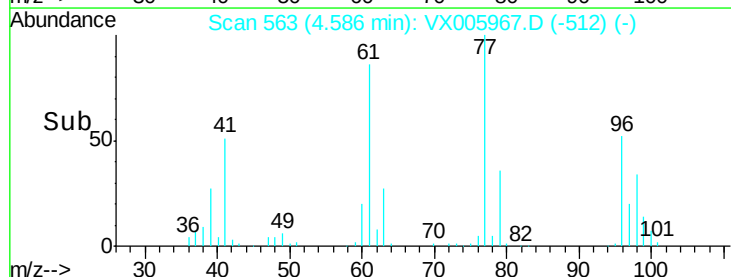
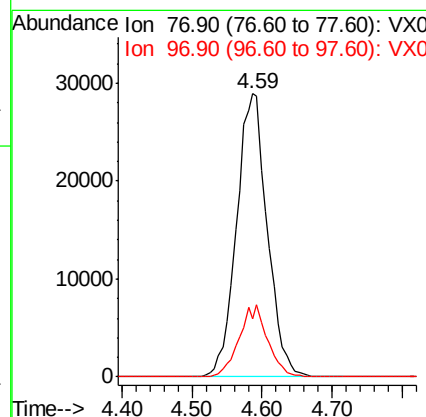
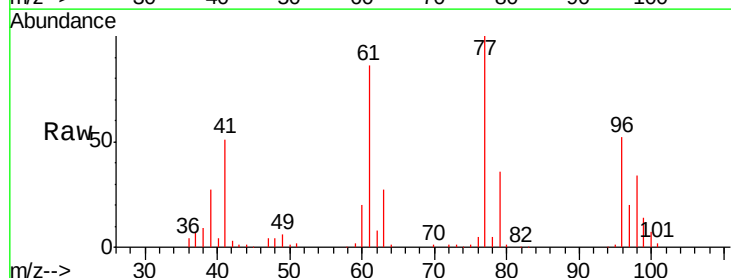
Acq: 14 Nov 2018 11:50

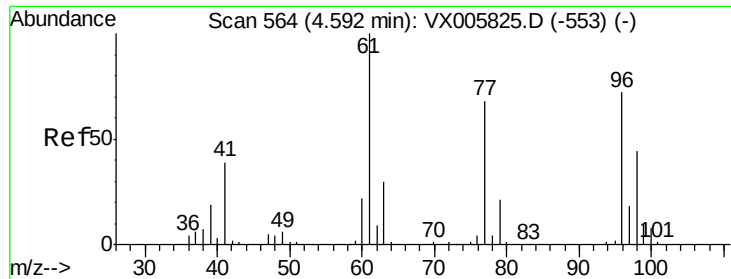
Tgt Ion: 77 Resp: 87999

Ion Ratio Lower Upper

77 100

97 23.4 11.5 34.5





#27

cis-1,2-Dichloroethene

Concen: 49.28 ug/l

RT: 4.59 min Scan# 564

Delta R.T. -0.00 min

Lab File: VX005967.D

Acq: 14 Nov 2018 11:50

Instrument :

MSVOA_X

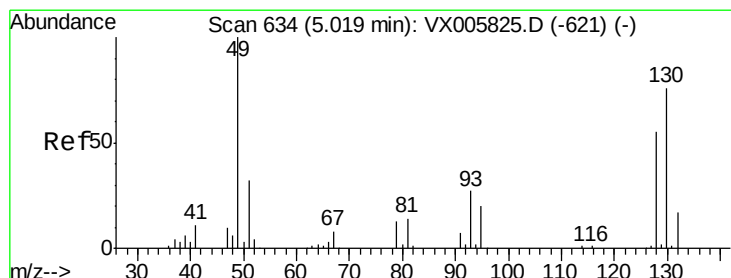
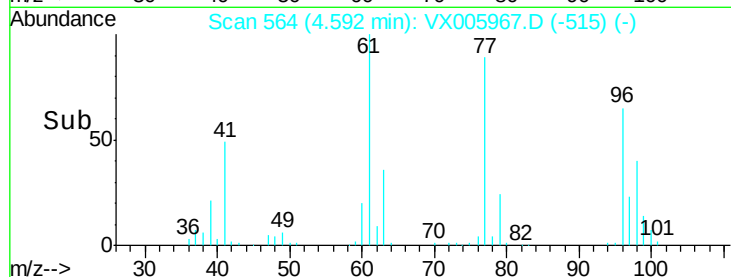
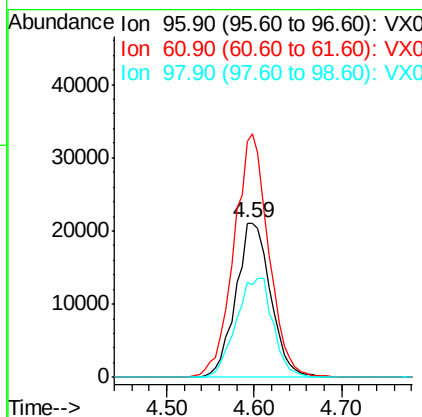
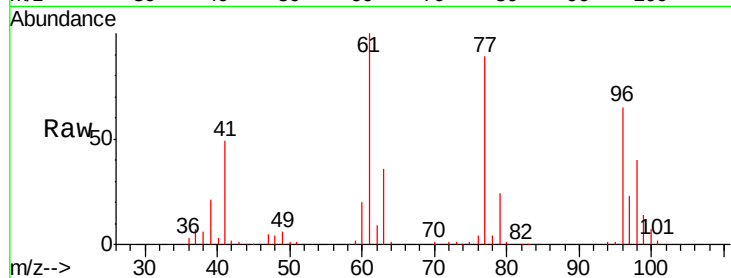
ClientSampleId :

VSTDCCC050

Tgt Ion:	96	Resp:	58278
Ion	Ratio	Lower	Upper
96	100		
61	157.7	0.0	304.6
98	68.2	0.0	127.4

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#28

Bromochloromethane

Concen: 55.84 ug/l

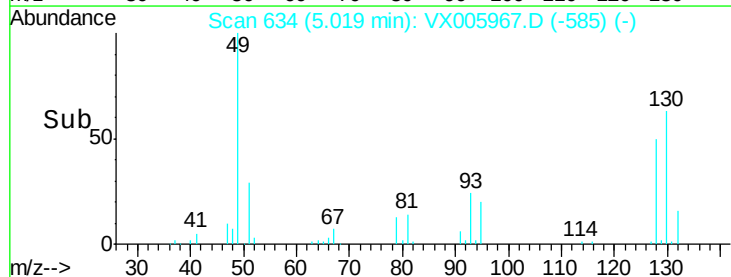
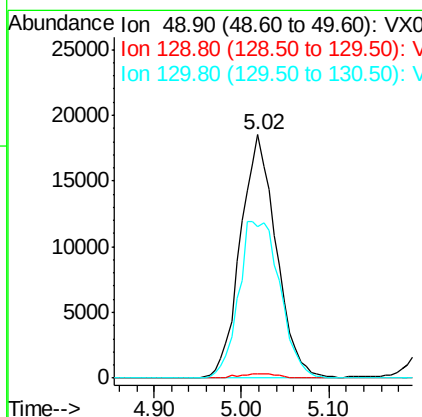
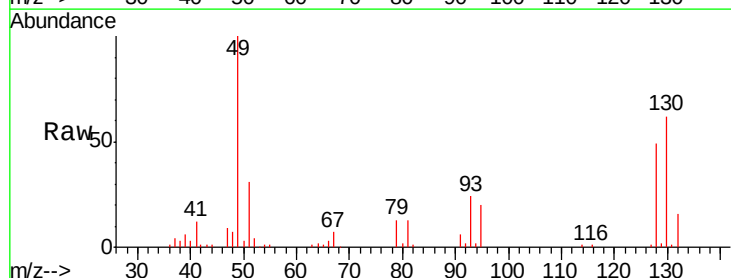
RT: 5.02 min Scan# 634

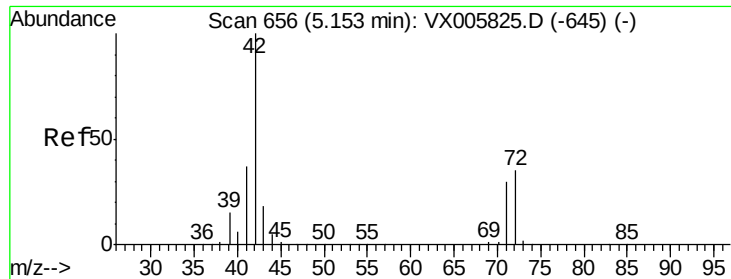
Delta R.T. -0.00 min

Lab File: VX005967.D

Acq: 14 Nov 2018 11:50

Tgt Ion:	49	Resp:	52889
Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.0
130	74.2	58.9	88.3





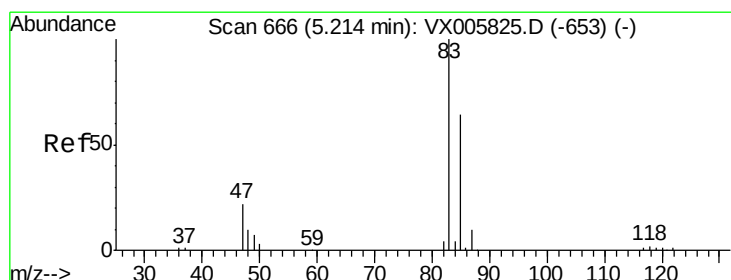
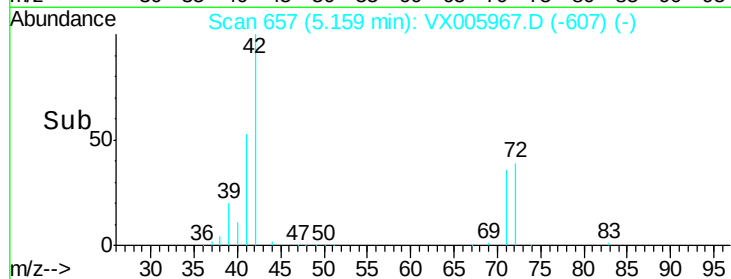
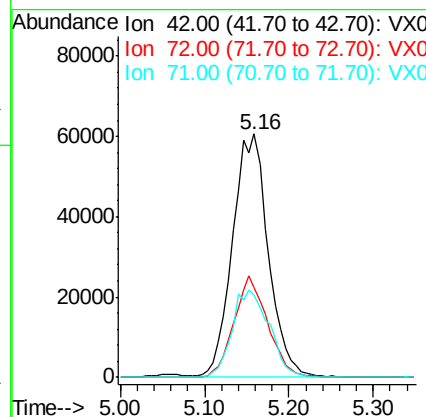
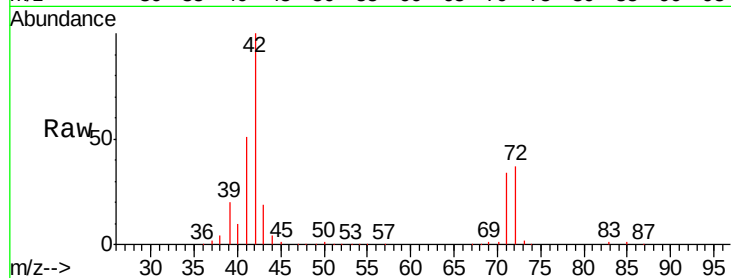
#29
Tetrahydrofuran
Concen: 242.07 ug/l
RT: 5.16 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX005967.D
Acq: 14 Nov 2018 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
42	100		
72	39.8	32.0	48.0
71	37.8	29.8	44.8

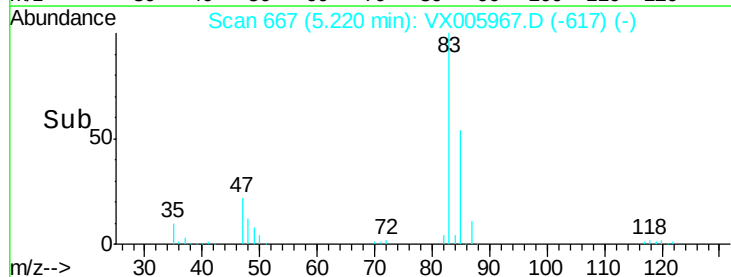
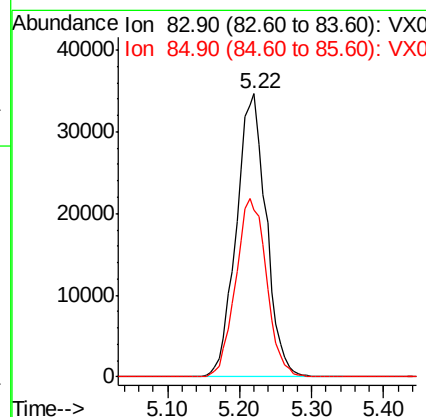
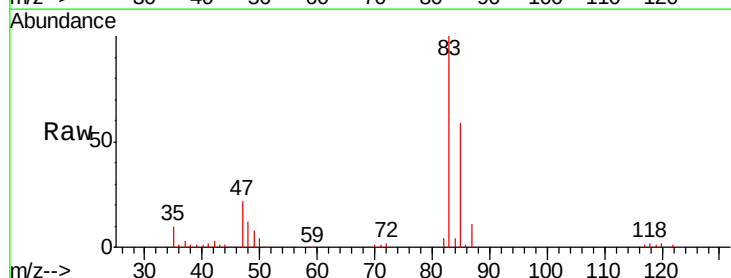
Manual Integrations
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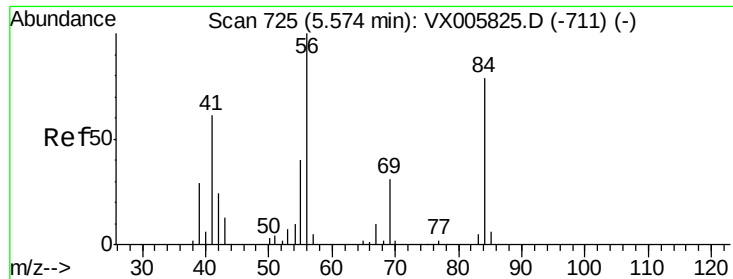
MMDadoda
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#30
Chloroform
Concen: 48.76 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX005967.D
Acq: 14 Nov 2018 11:50

Tgt Ion	Ratio	Lower	Upper
83	100		
85	58.9	50.6	76.0





#31

Cyclohexane

Concen: 47.39 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.01 min

Lab File: VX005967.D

Acq: 14 Nov 2018 11:50

Instrument :

MSVOA_X

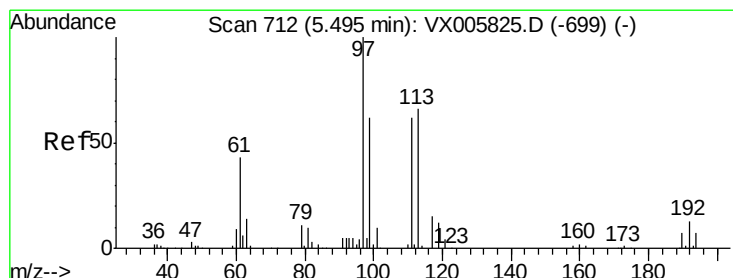
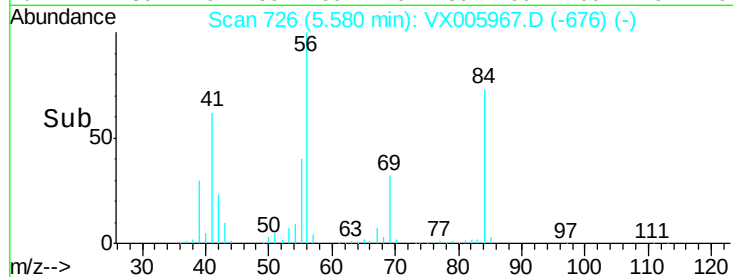
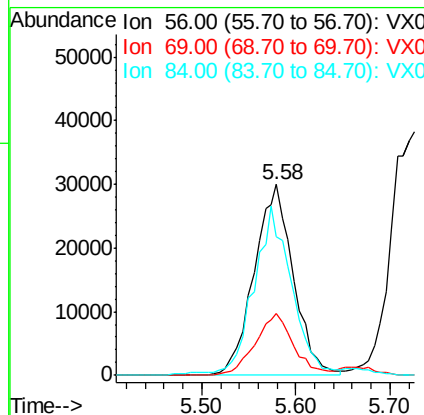
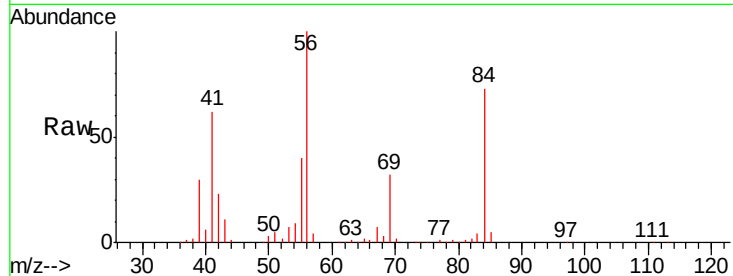
ClientSampleId :

VSTDCCC050

Tgt Ion:	56	Resp:	87173
Ion	Ratio	Lower	Upper
56	100		
69	32.2	22.6	34.0
84	70.9	62.7	94.1

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 52.16 ug/l

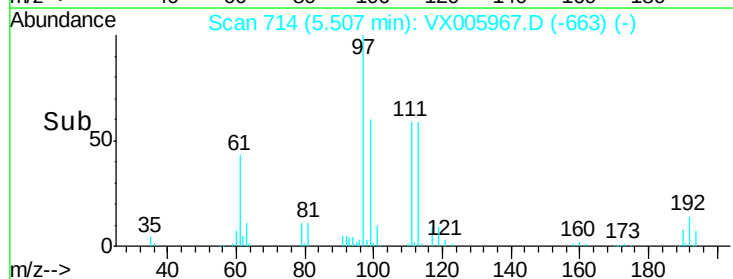
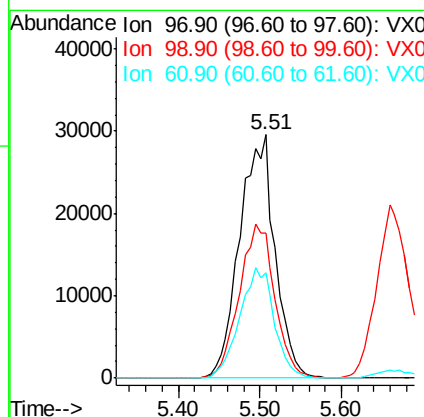
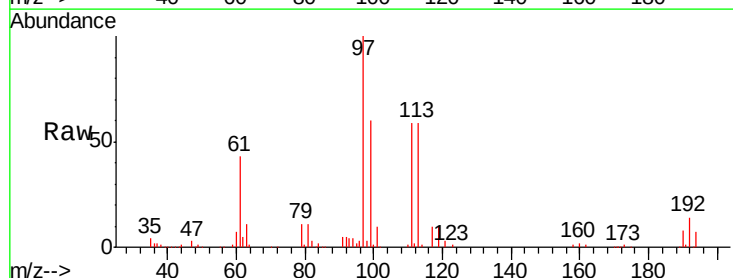
RT: 5.51 min Scan# 714

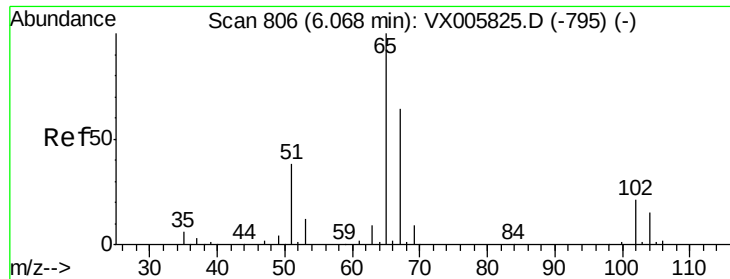
Delta R.T. 0.01 min

Lab File: VX005967.D

Acq: 14 Nov 2018 11:50

Tgt Ion:	97	Resp:	88952
Ion	Ratio	Lower	Upper
97	100		
99	63.6	52.3	78.5
61	44.5	35.2	52.8





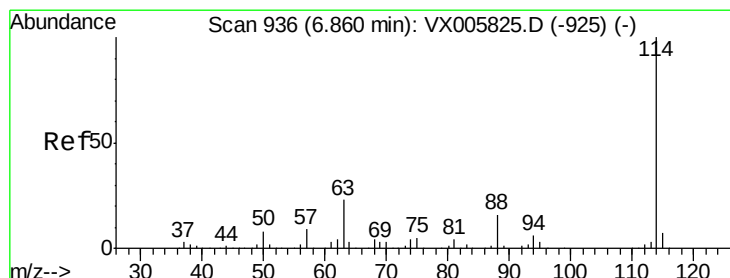
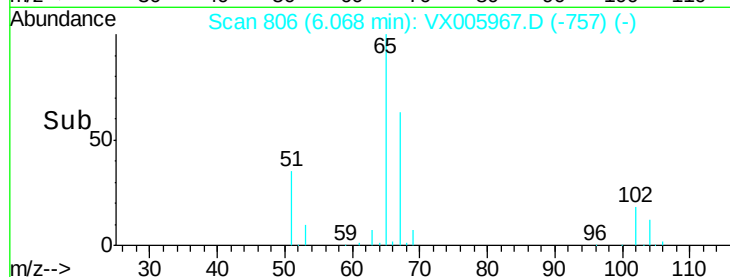
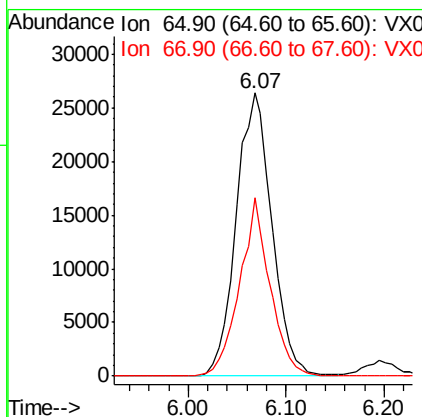
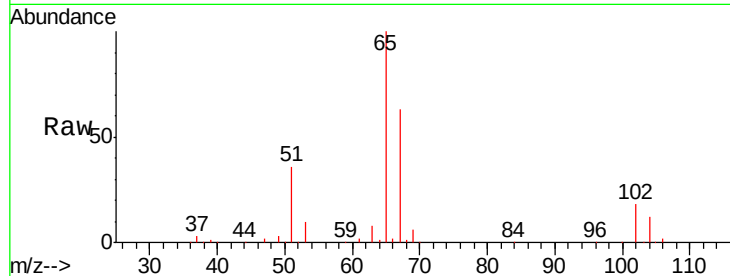
#33
 1,2-Dichloroethane-d4
 Concen: 50.74 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX005967.D
 Acq: 14 Nov 2018 11:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 65 Resp: 67008
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 105.0

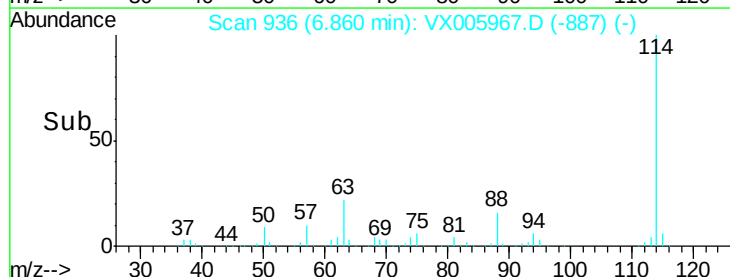
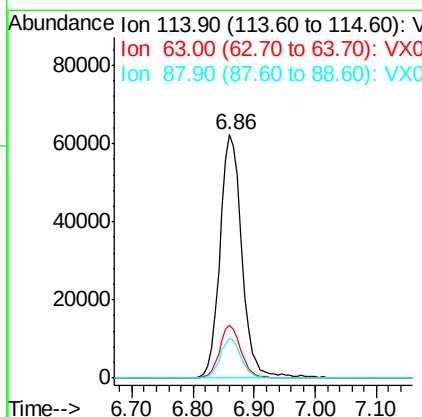
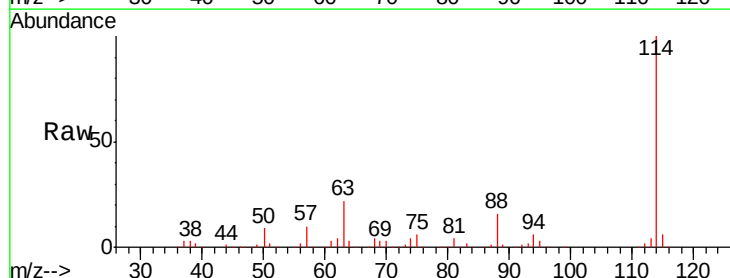
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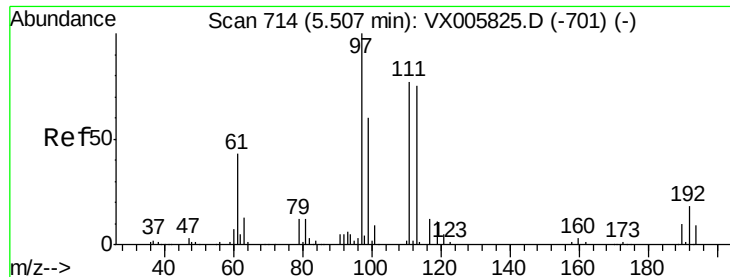
MMDadoda
 11/15/2018 1:04:50 PM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX005967.D
 Acq: 14 Nov 2018 11:50

Tgt Ion: 114 Resp: 154904
 Ion Ratio Lower Upper
 114 100
 63 21.9 0.0 42.8
 88 16.4 0.0 31.2





#35

Dibromofluoromethane

Concen: 52.02 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.01 min

Lab File: VX005967.D

Acq: 14 Nov 2018 11:50

Instrument :

MSVOA_X

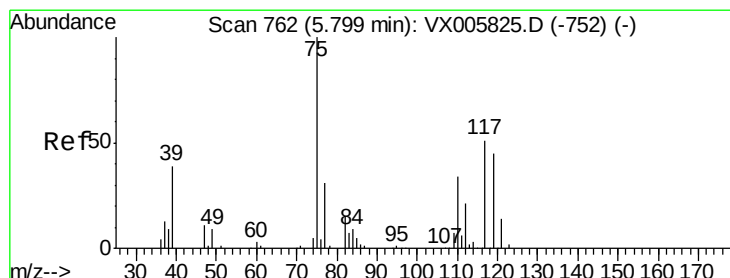
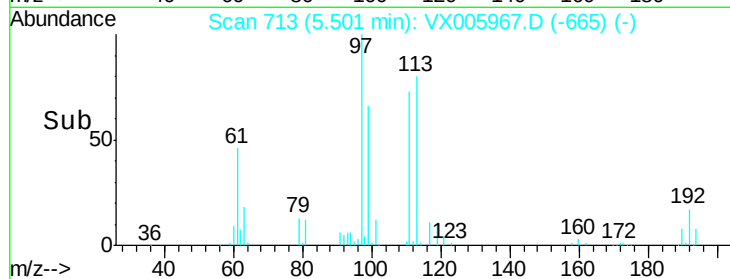
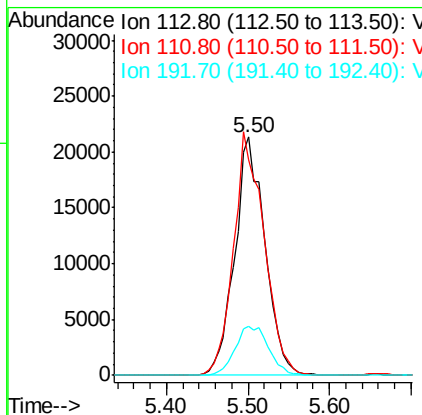
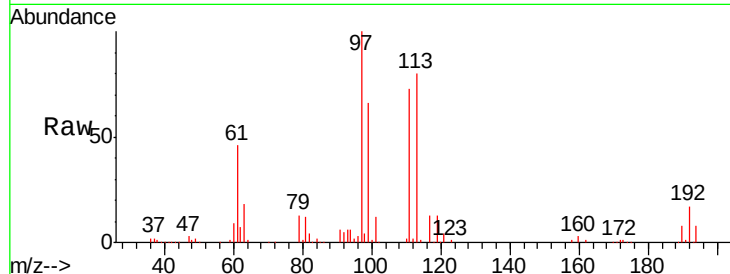
ClientSampleId :

VSTDCCC050

Tgt Ion:	113	Resp:	54804
Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.3	123.5
192	22.9	17.9	26.9

Manual Integrations
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11/15/2018 1:04:50 PM



#36

1,1-Dichloropropene

Concen: 48.74 ug/l

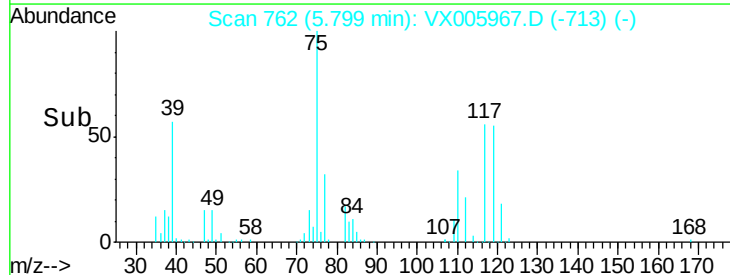
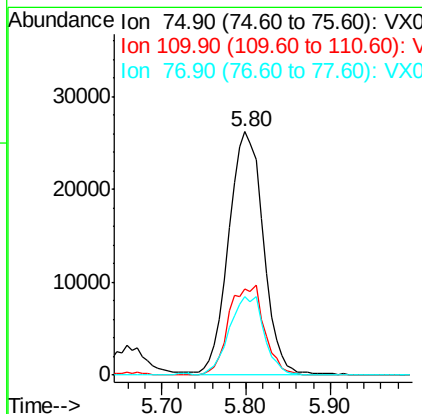
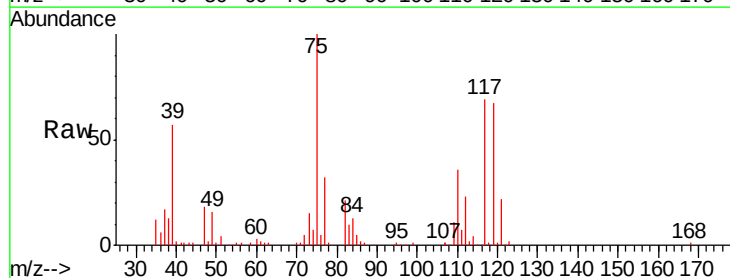
RT: 5.80 min Scan# 762

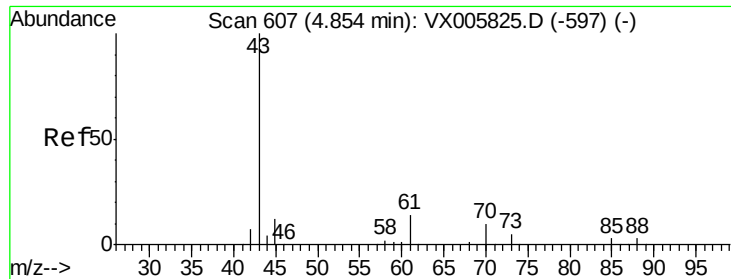
Delta R.T. -0.00 min

Lab File: VX005967.D

Acq: 14 Nov 2018 11:50

Tgt Ion:	75	Resp:	72785
Ion	Ratio	Lower	Upper
75	100		
110	37.9	17.4	52.2
77	33.0	25.8	38.6





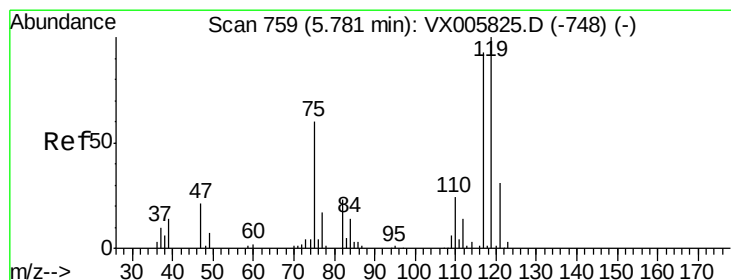
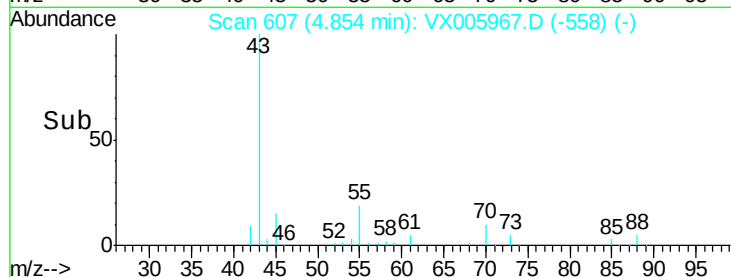
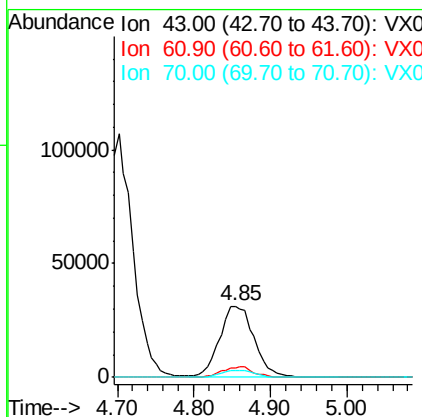
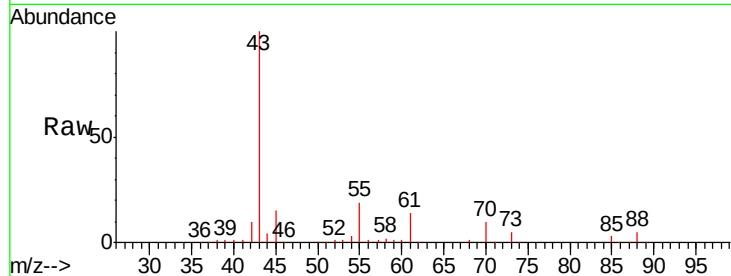
#37
Ethyl Acetate
Concen: 49.51 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX005967.D
Acq: 14 Nov 2018 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.8	10.8	16.2
70	9.9	7.8	11.8

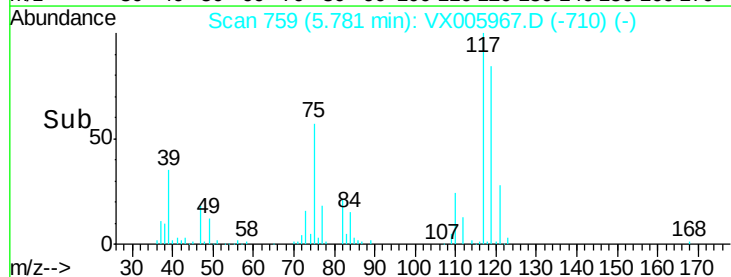
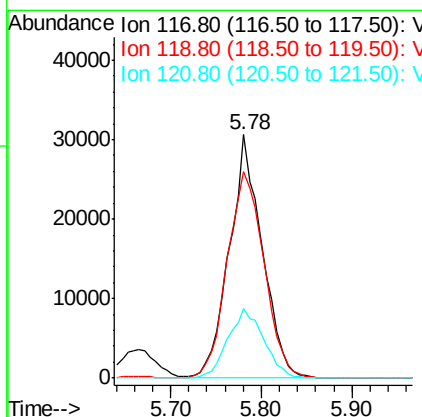
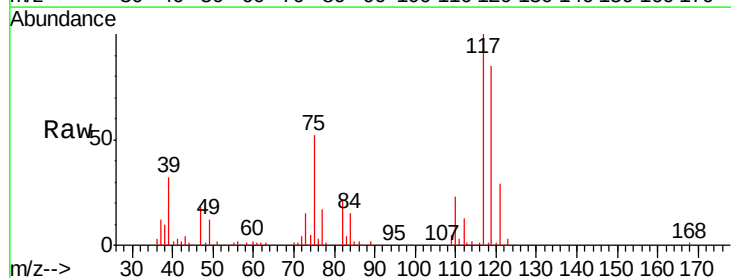
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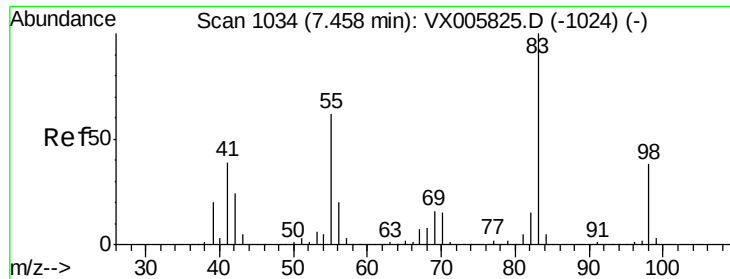
MMDadoda
11/15/2018 1:04:50 PM



#38
Carbon Tetrachloride
Concen: 51.40 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX005967.D
Acq: 14 Nov 2018 11:50

Tgt Ion	Ratio	Lower	Upper
117	100		
119	84.6	78.1	117.1
121	28.7	24.6	36.8





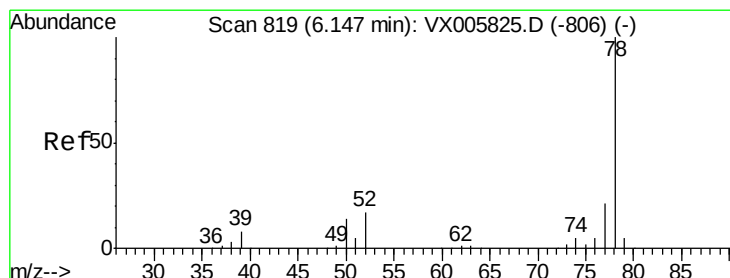
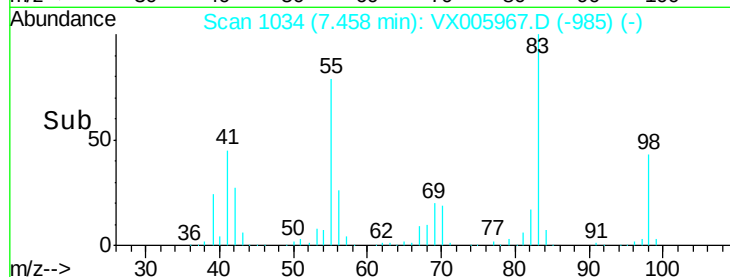
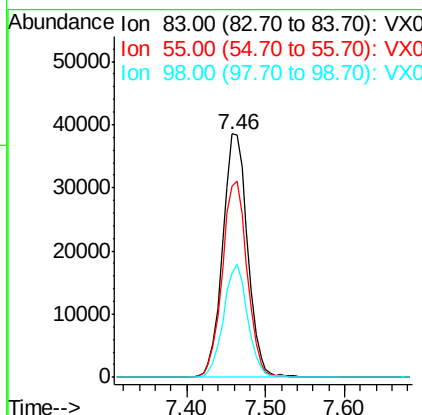
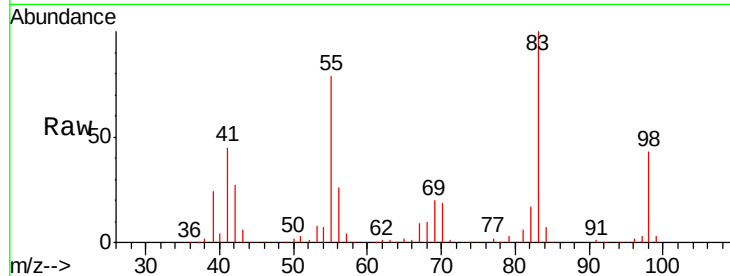
#39
Methylcyclohexane
Concen: 55.99 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VX005967.D
Acq: 14 Nov 2018 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
83	100		
55	78.5	63.7	95.5
98	42.9	36.2	54.2

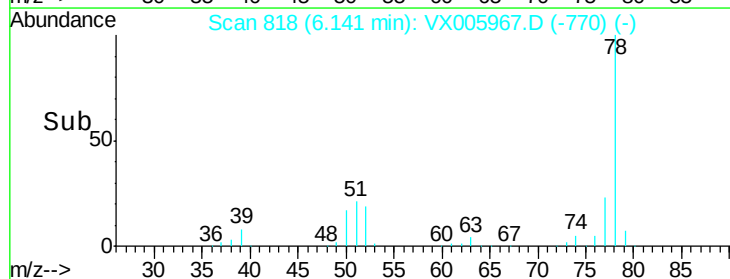
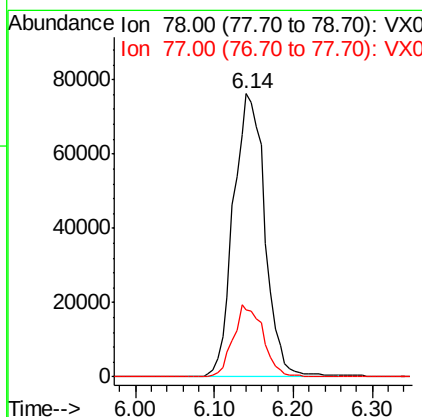
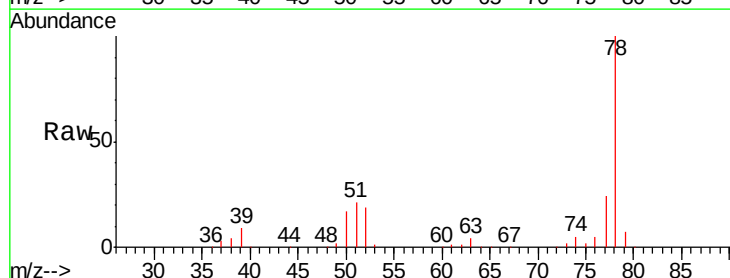
Manual Integrations
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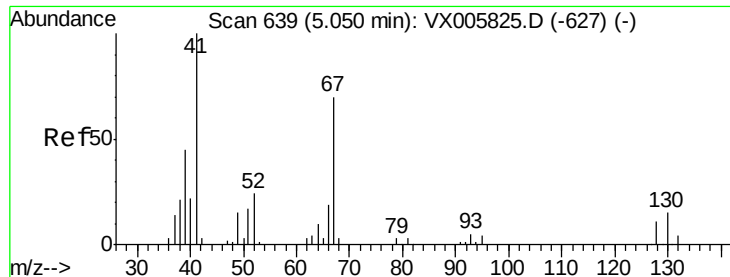
MMDadoda
11/15/2018 1:04:50 PM



#40
Benzene
Concen: 48.64 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX005967.D
Acq: 14 Nov 2018 11:50

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.4	27.6





#41

Methacrylonitrile

Concen: 54.39 ug/l

RT: 5.06 min Scan# 641

Delta R.T. 0.01 min

Lab File: VX005967.D

Acq: 14 Nov 2018 11:50

Instrument :

MSVOA_X

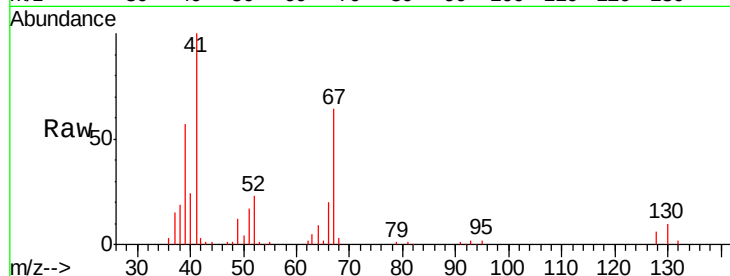
ClientSampleId :

VSTDCCC050

Tgt Ion:	41	Resp:	57714
Ion	Ratio	Lower	Upper
41	100		
39	52.9	42.2	63.2
67	65.9	53.4	80.0
52	27.2	23.4	35.2

Manual Integrations
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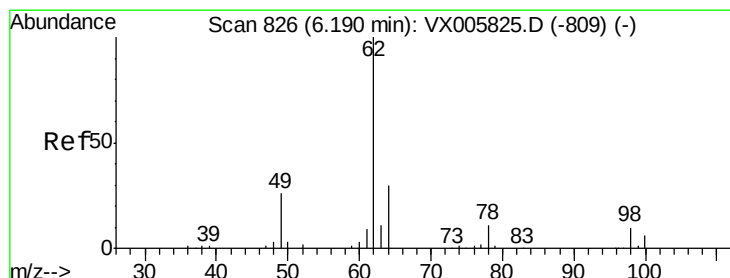
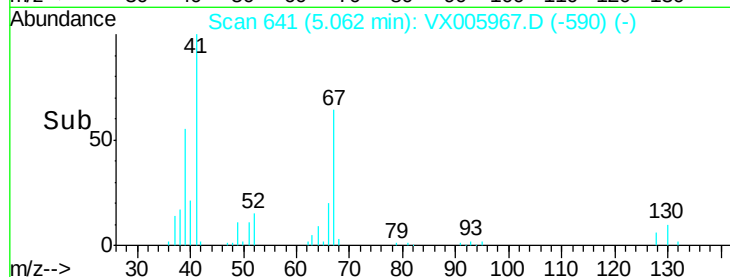
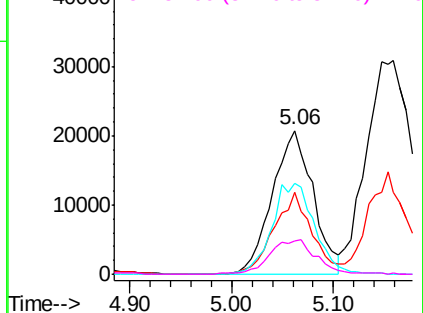


Abundance Ion 41.00 (40.70 to 41.70): VX005825.D (-627) (-)

Ion 39.00 (38.70 to 39.70): VX005825.D (-627) (-)

Ion 67.00 (66.70 to 67.70): VX005825.D (-627) (-)

Ion 52.00 (51.70 to 52.70): VX005825.D (-627) (-)



#42

1,2-Dichloroethane

Concen: 50.37 ug/l

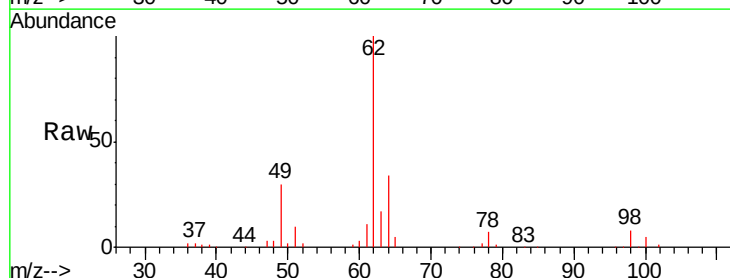
RT: 6.20 min Scan# 827

Delta R.T. 0.01 min

Lab File: VX005967.D

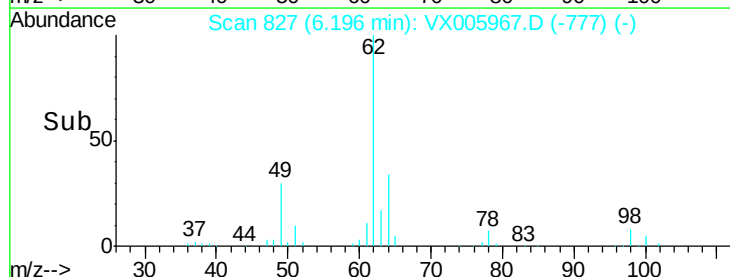
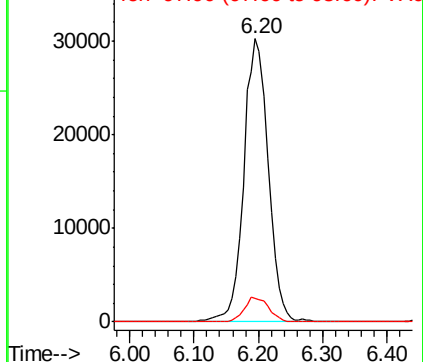
Acq: 14 Nov 2018 11:50

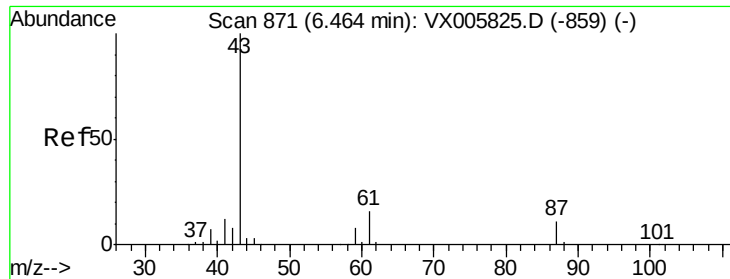
Tgt Ion:	62	Resp:	78539
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	17.8



Abundance Ion 61.90 (61.60 to 62.60): VX005825.D (-809) (-)

Ion 97.90 (97.60 to 98.60): VX005825.D (-809) (-)





#43

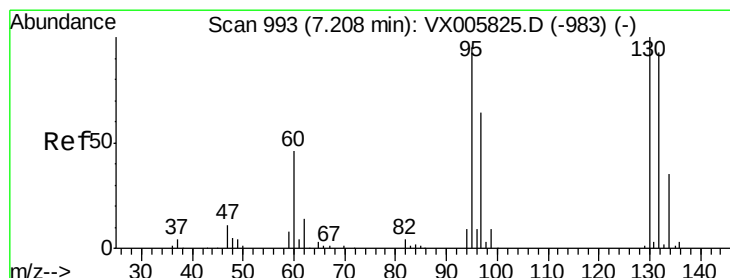
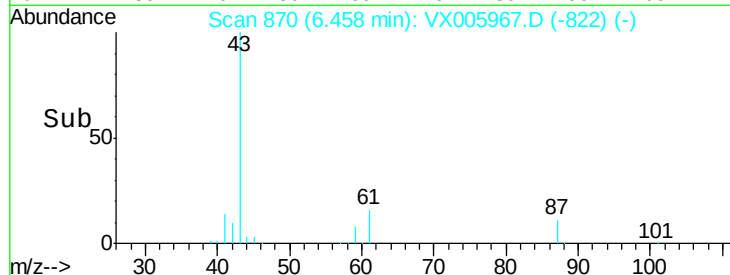
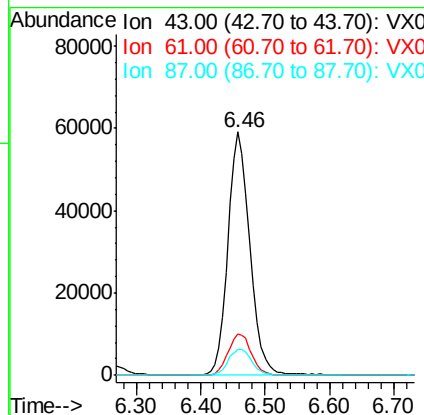
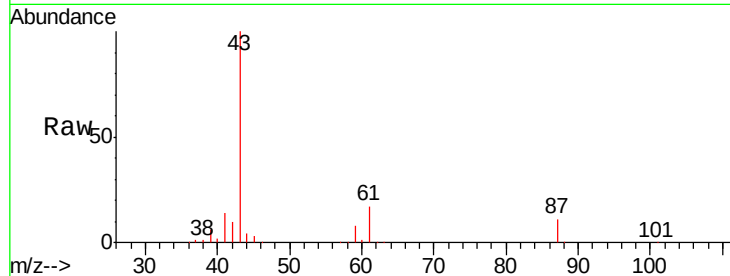
Isopropyl Acetate
 Concen: 50.27 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. -0.01 min
 Lab File: VX005967.D
 Acq: 14 Nov 2018 11:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
43	100		
61	18.1	14.6	22.0
87	11.5	9.6	14.4

Manual Integrations
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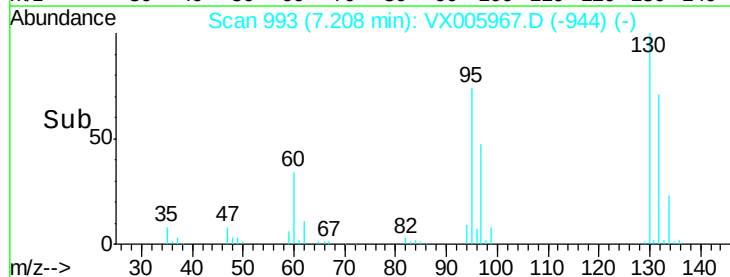
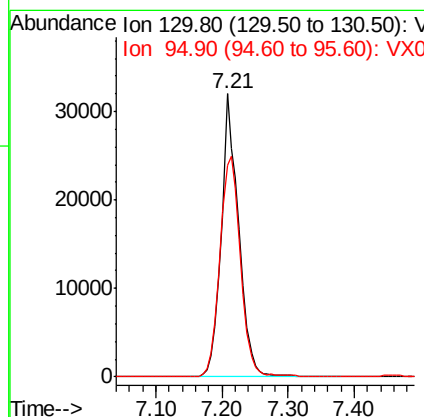
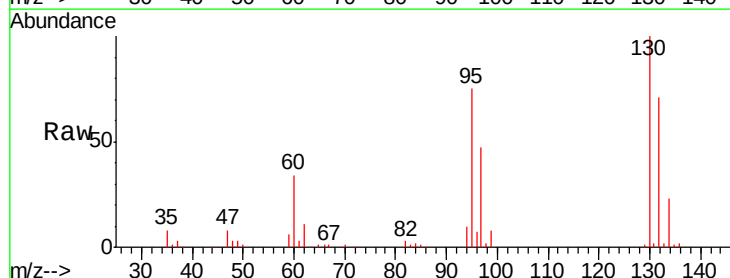
MMDadoda
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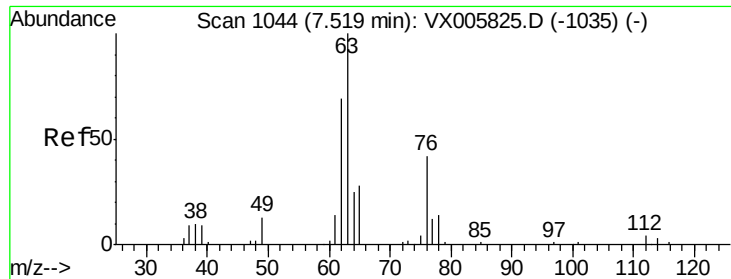


#44

Trichloroethene
 Concen: 52.49 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. -0.00 min
 Lab File: VX005967.D
 Acq: 14 Nov 2018 11:50

Tgt Ion	Ratio	Lower	Upper
130	100		
95	74.6	0.0	194.2





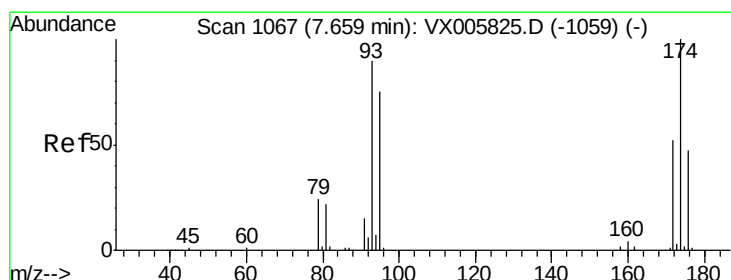
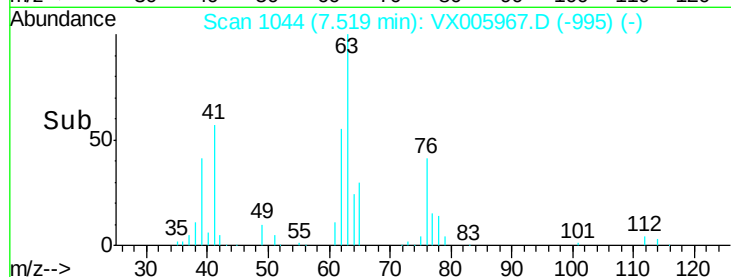
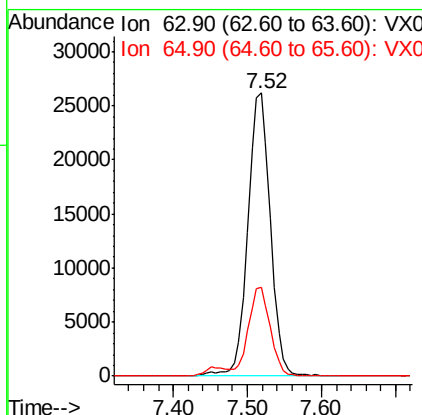
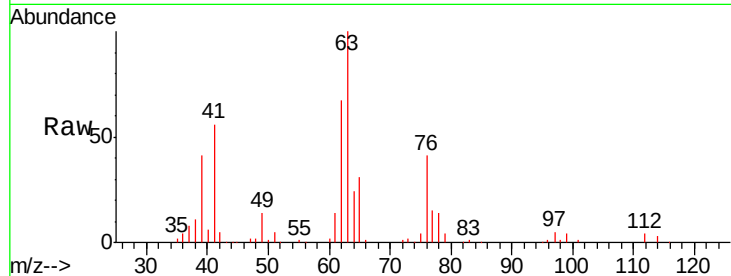
#45
 1,2-Dichloropropane
 Concen: 52.74 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: VX005967.D
 Acq: 14 Nov 2018 11:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 63 Resp: 55726
 Ion Ratio Lower Upper
 63 100
 65 31.5 24.8 37.2

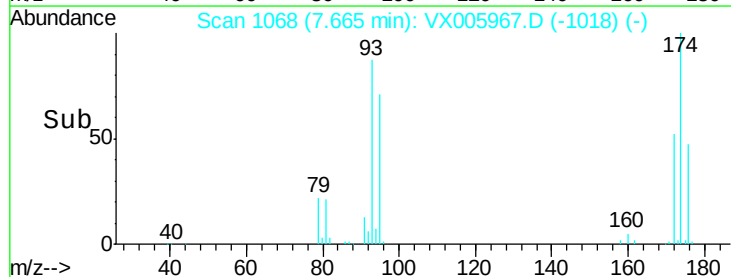
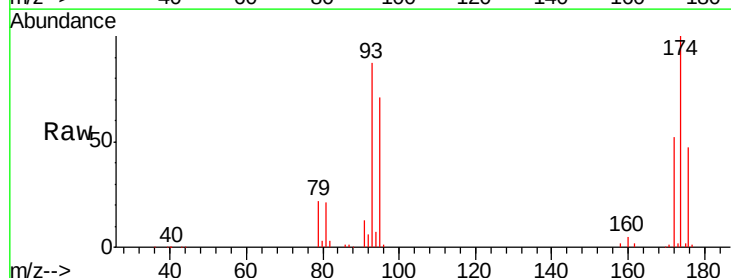
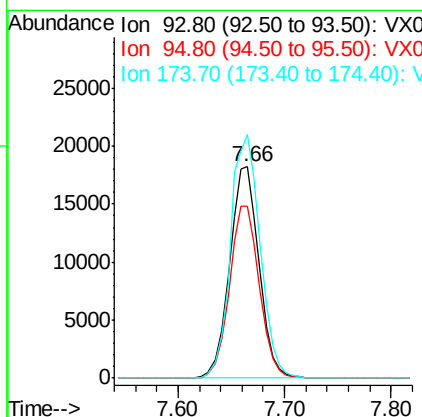
Manual Integrations
 APPROVED

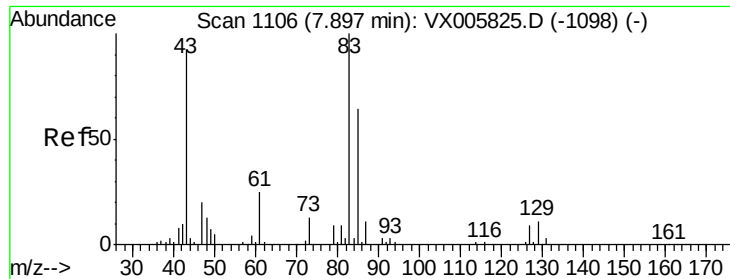
MMDadoda
 11/15/2018 1:04:50 PM



#46
 Dibromomethane
 Concen: 53.14 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: VX005967.D
 Acq: 14 Nov 2018 11:50

Tgt Ion: 93 Resp: 35232
 Ion Ratio Lower Upper
 93 100
 95 82.7 67.4 101.0
 174 116.1 91.5 137.3





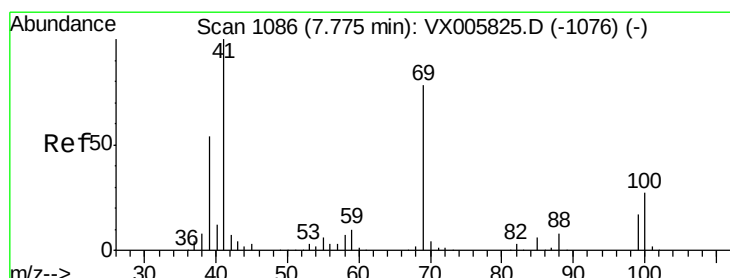
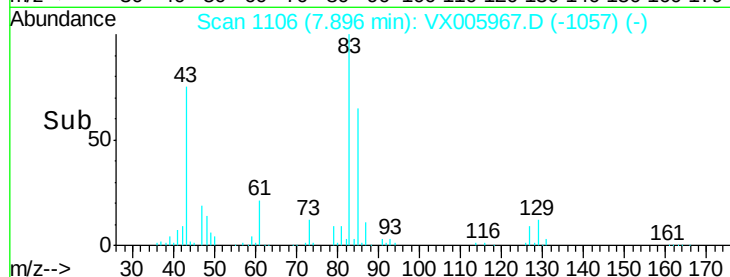
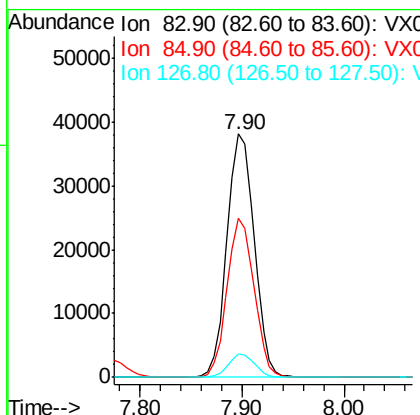
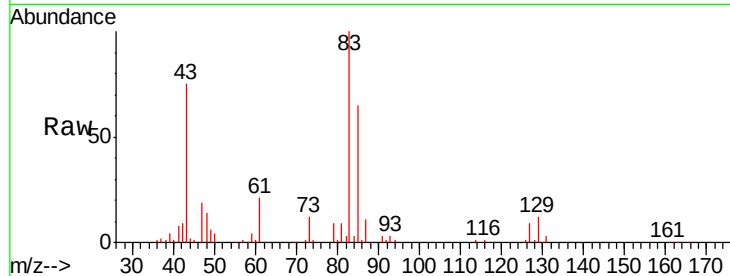
#47
 Bromodichloromethane
 Concen: 56.39 ug/l
 RT: 7.90 min Scan# 1106
 Delta R.T. -0.00 min
 Lab File: VX005967.D
 Acq: 14 Nov 2018 11:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.4	50.2	75.4
127	9.4	6.9	10.3

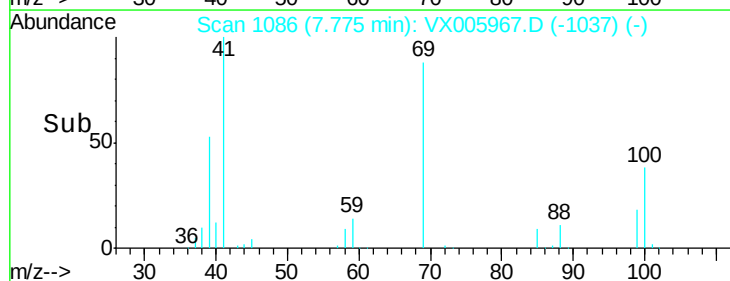
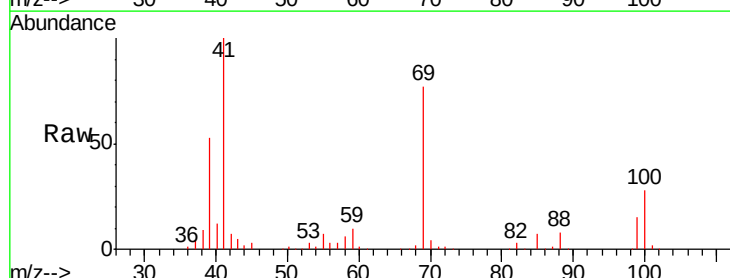
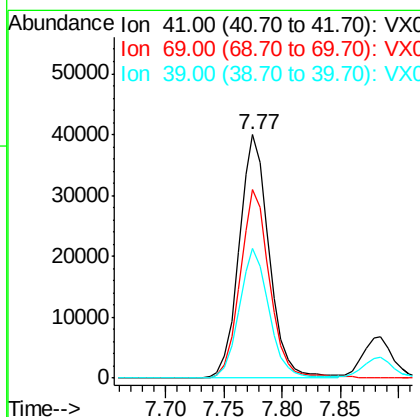
Manual Integrations
 APPROVED

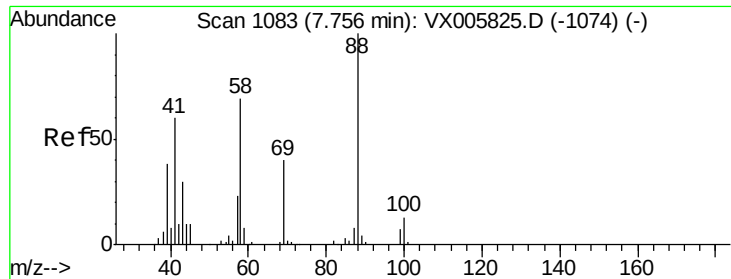
MMDadoda
 11/15/2018 1:04:50 PM



#48
 Methyl methacrylate
 Concen: 56.24 ug/l
 RT: 7.77 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX005967.D
 Acq: 14 Nov 2018 11:50

Tgt Ion	Ratio	Lower	Upper
41	100		
69	76.1	63.2	94.8
39	52.9	42.2	63.2





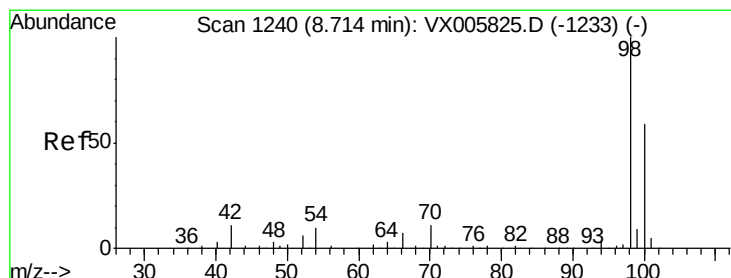
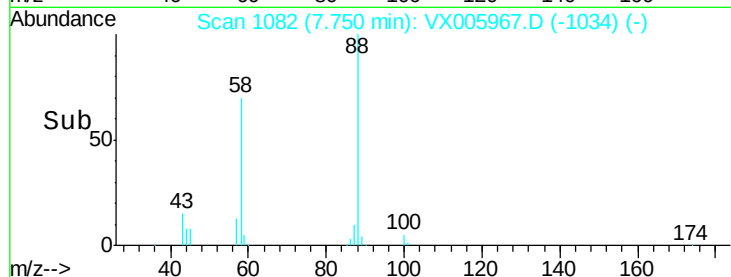
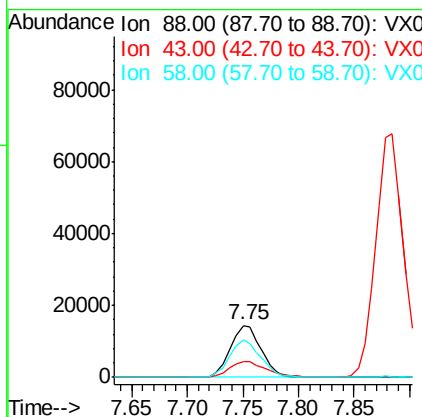
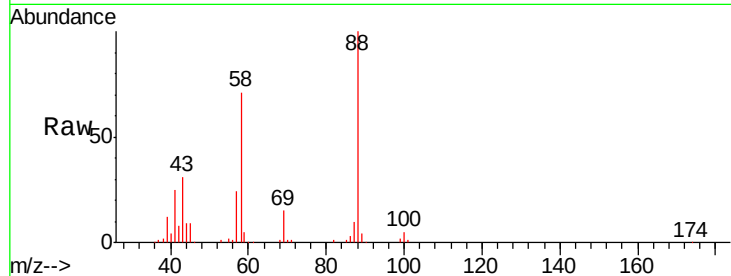
#49
1,4-Dioxane
Concen: 1002.83 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.01 min
Lab File: VX005967.D
Acq: 14 Nov 2018 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
88	100		
43	37.8	27.4	41.0
58	73.1	59.4	89.2

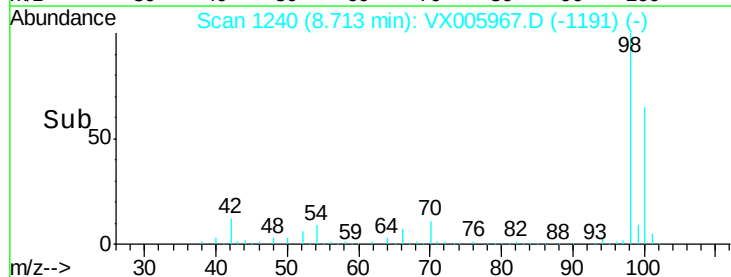
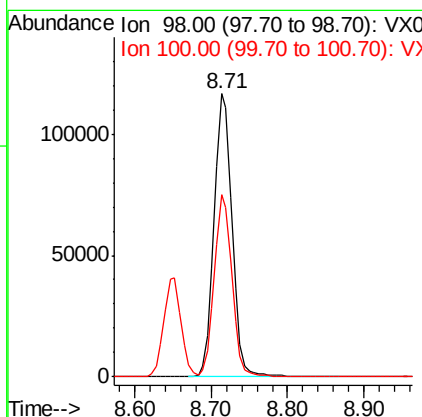
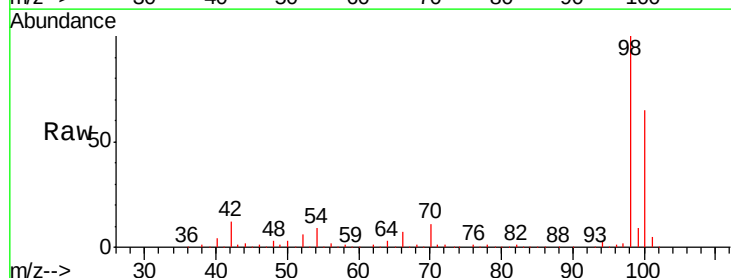
Manual Integrations
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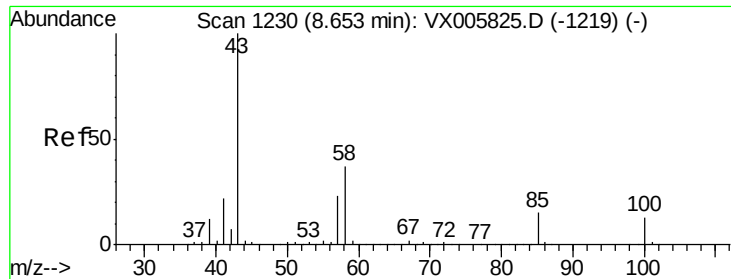
MMDadoda
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#50
Toluene-d8
Concen: 54.15 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005967.D
Acq: 14 Nov 2018 11:50

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.1	51.3	76.9





#51

4-Methyl-2-Pentanone

Concen: 267.37 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.01 min

Lab File: VX005967.D

Acq: 14 Nov 2018 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 479477

Ion Ratio Lower Upper

43 100

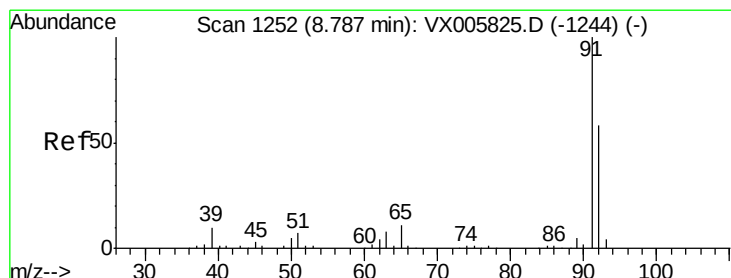
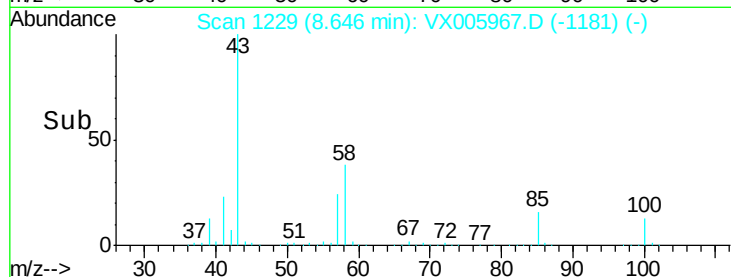
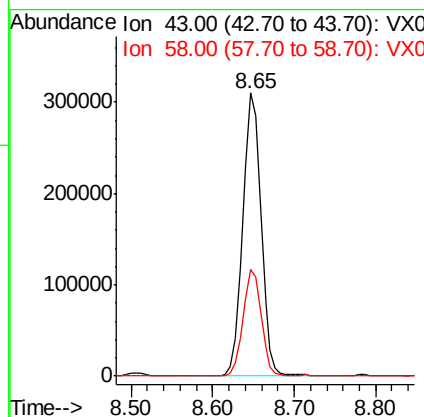
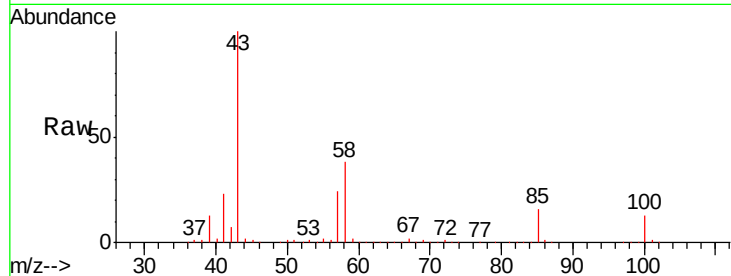
58 37.3 29.7 44.5

Manual Integrations

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MMDadoda

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#52

Toluene

Concen: 52.23 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX005967.D

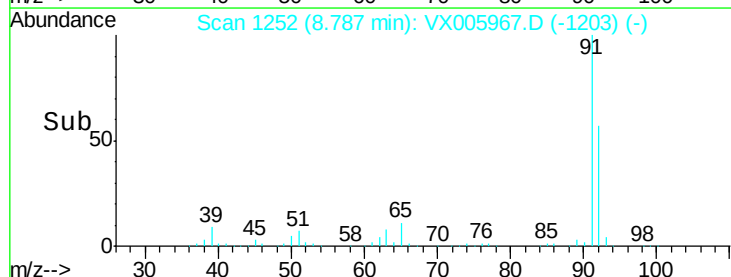
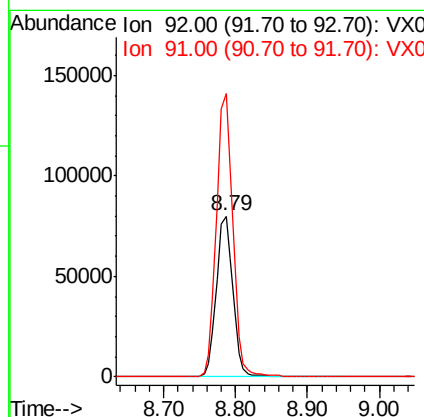
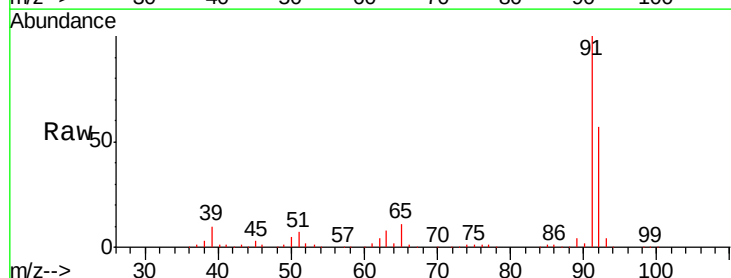
Acq: 14 Nov 2018 11:50

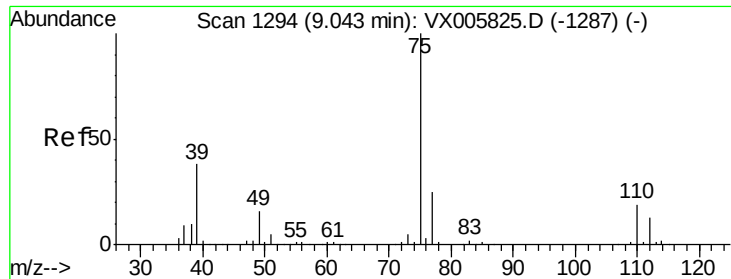
Tgt Ion: 92 Resp: 127079

Ion Ratio Lower Upper

92 100

91 176.0 140.4 210.6





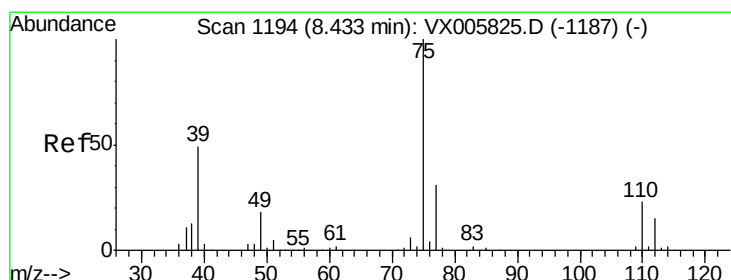
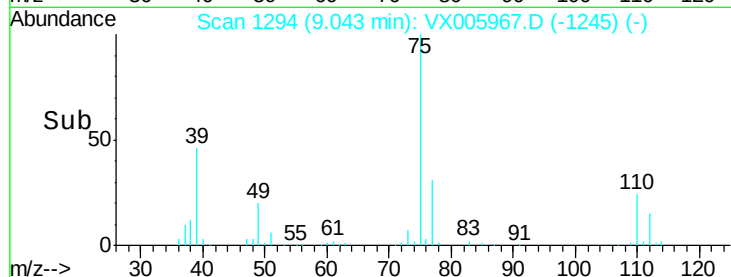
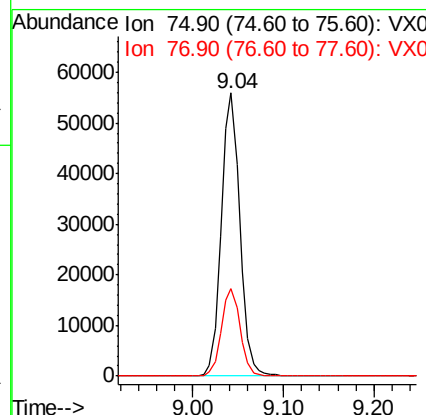
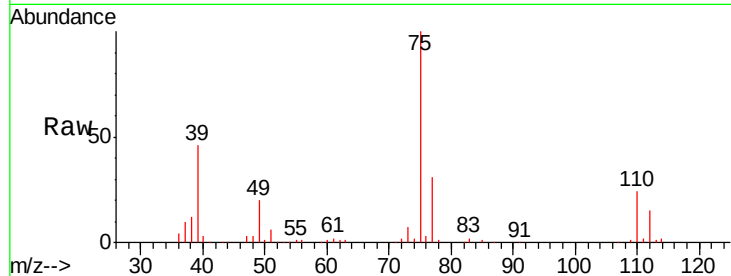
#53
t-1,3-Dichloropropene
Concen: 54.28 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX005967.D
Acq: 14 Nov 2018 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 80261
Ion Ratio Lower Upper
75 100
77 31.1 25.4 38.2

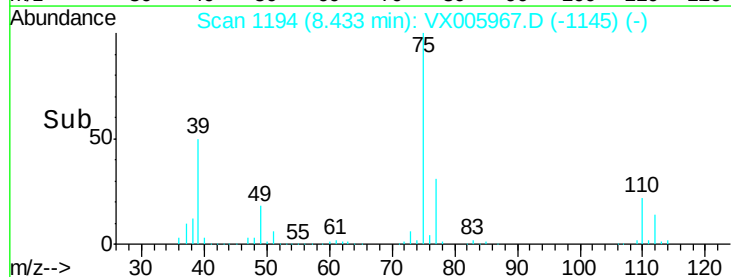
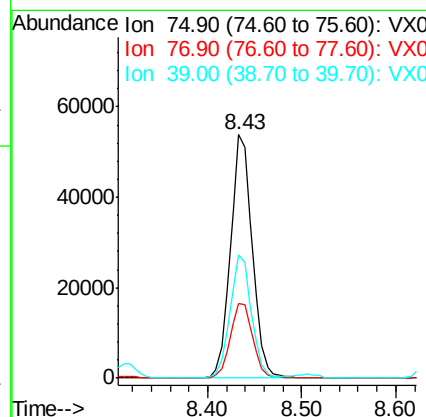
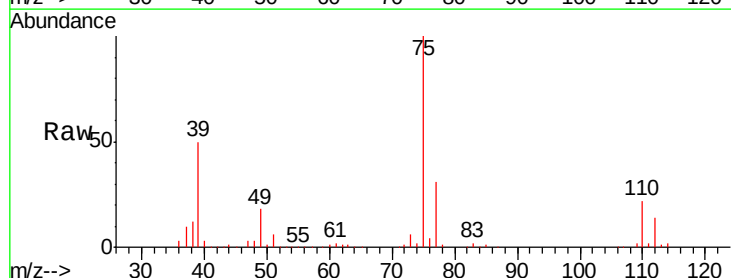
Manual Integrations
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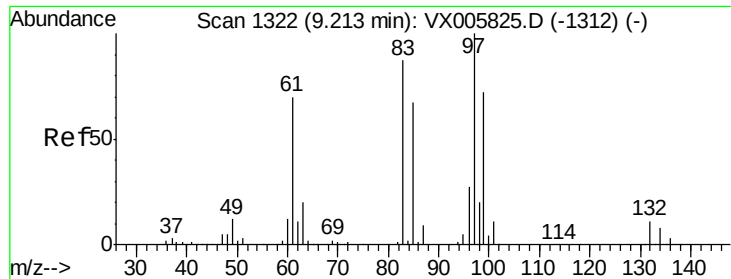
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 57.12 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX005967.D
Acq: 14 Nov 2018 11:50

Tgt Ion: 75 Resp: 86087
Ion Ratio Lower Upper
75 100
77 30.9 25.2 37.8
39 50.3 38.2 57.2





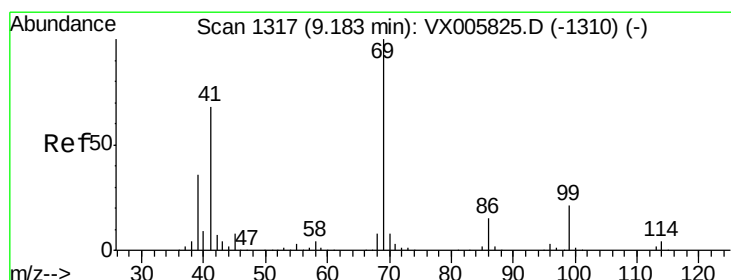
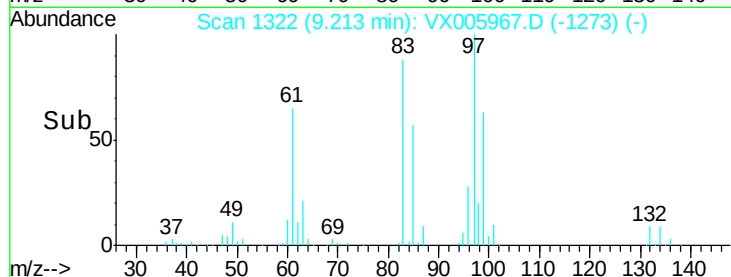
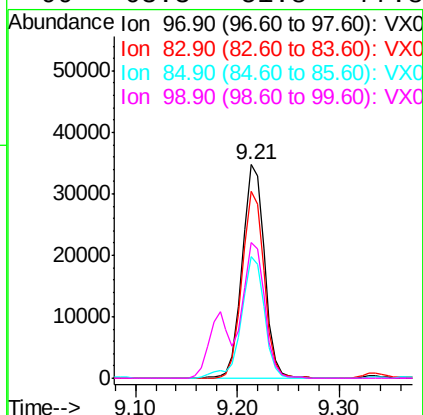
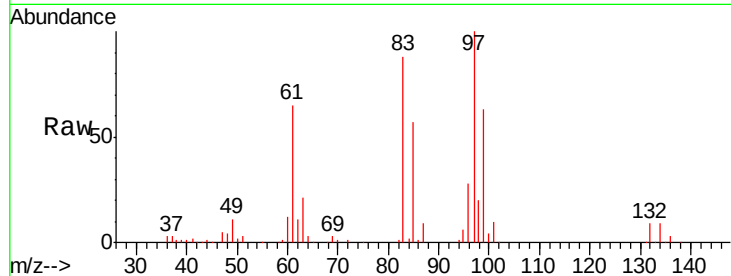
#55
 1,1,2-Trichloroethane
 Concen: 48.38 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX005967.D
 Acq: 14 Nov 2018 11:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
97	100		
83	87.5	70.7	106.1
85	57.1	45.8	68.6
99	63.3	51.8	77.8

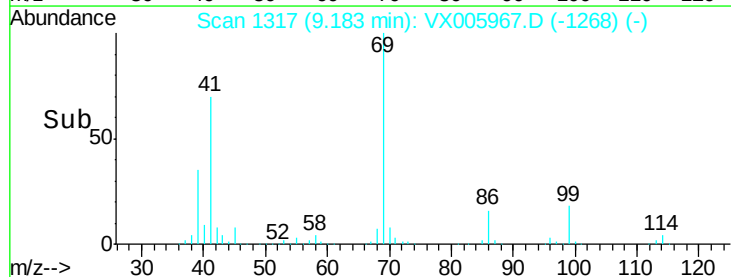
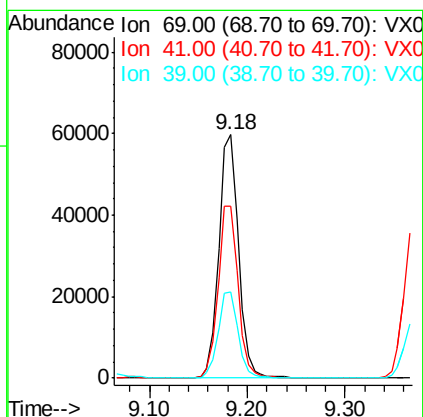
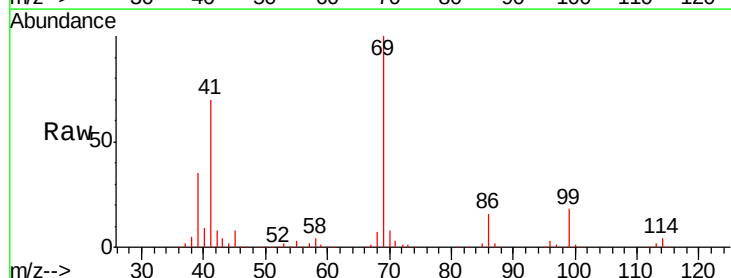
Manual Integrations
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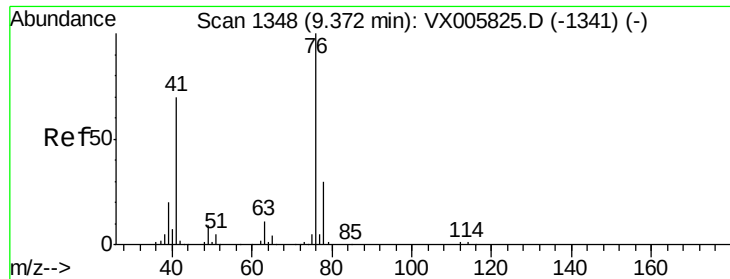
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#56
 Ethyl methacrylate
 Concen: 51.50 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX005967.D
 Acq: 14 Nov 2018 11:50

Tgt Ion	Ratio	Lower	Upper
69	100		
41	72.3	57.0	85.6
39	36.0	28.3	42.5





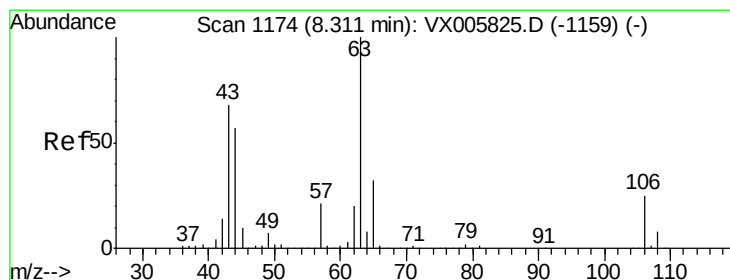
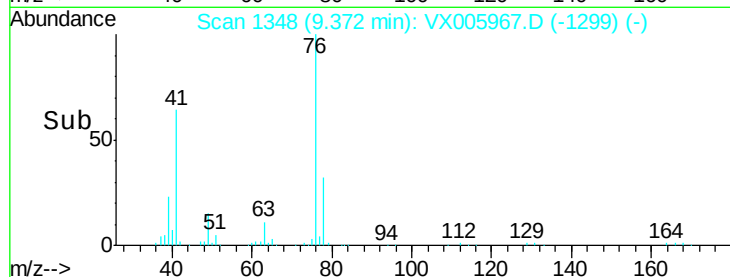
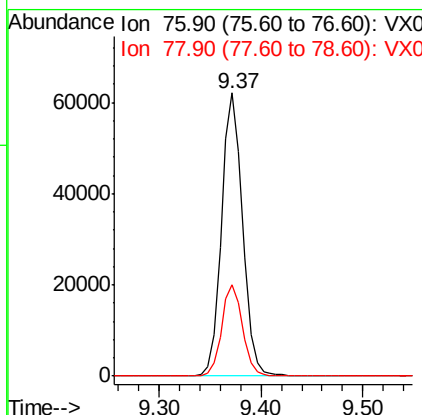
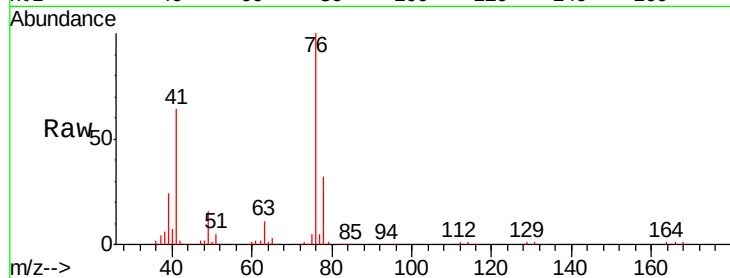
#57
 1,3-Dichloropropane
 Concen: 49.03 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX005967.D
 Acq: 14 Nov 2018 11:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 76 Resp: 89339
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.3 37.9

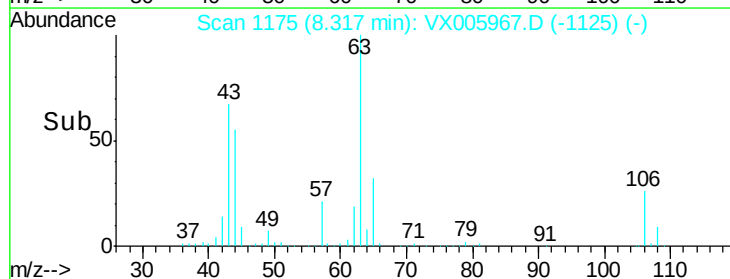
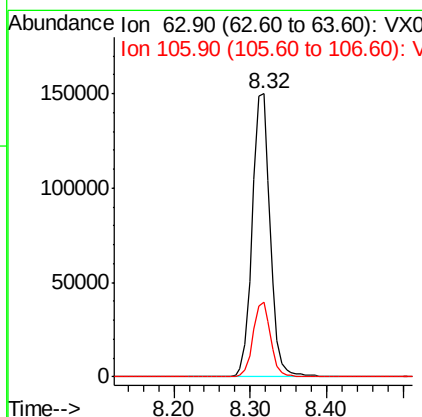
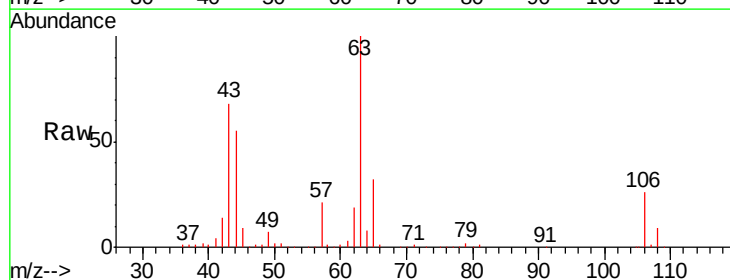
Manual Integrations
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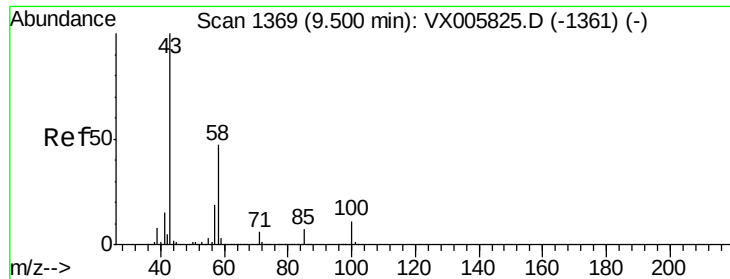
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#58
 2-Chloroethyl Vinyl ether
 Concen: 277.21 ug/l
 RT: 8.32 min Scan# 1175
 Delta R.T. 0.01 min
 Lab File: VX005967.D
 Acq: 14 Nov 2018 11:50

Tgt Ion: 63 Resp: 245896
 Ion Ratio Lower Upper
 63 100
 106 26.1 21.3 31.9





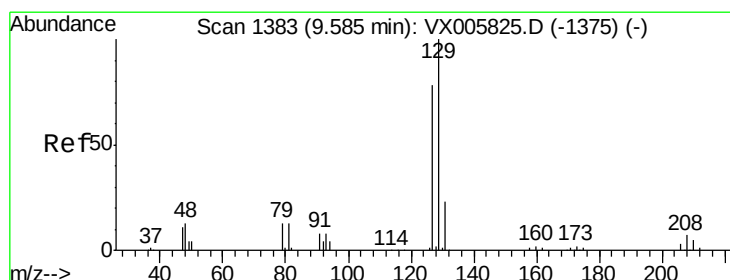
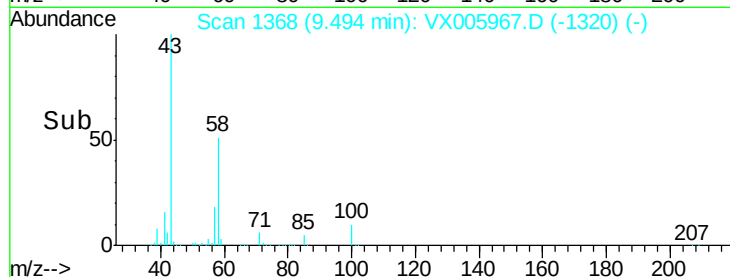
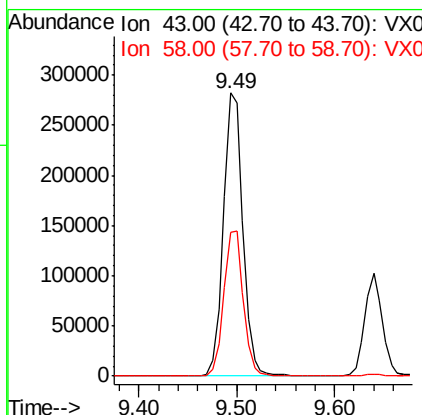
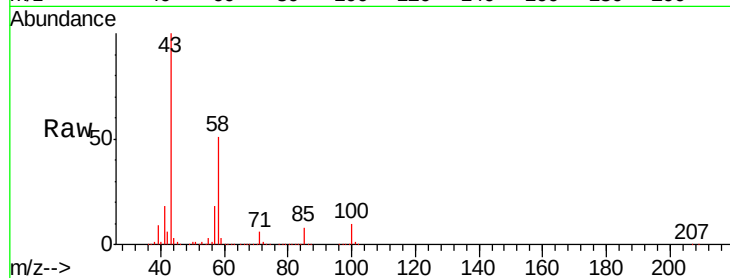
#59
2-Hexanone
Concen: 246.27 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VX005967.D
Acq: 14 Nov 2018 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 389296
Ion Ratio Lower Upper
43 100
58 51.5 25.9 77.8

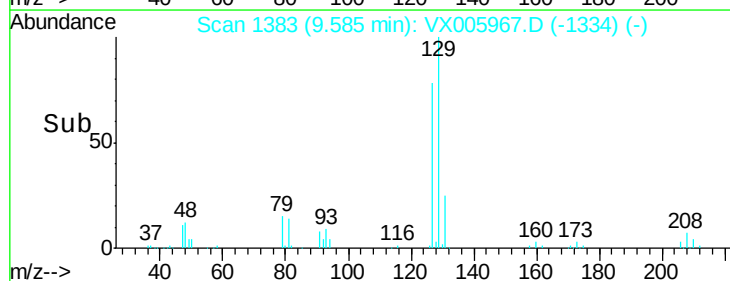
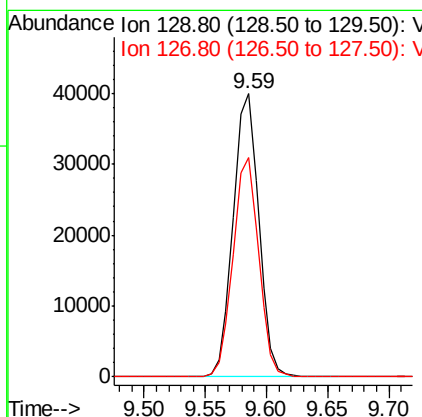
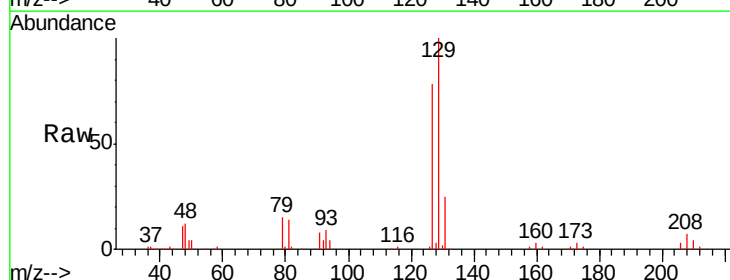
Manual Integrations
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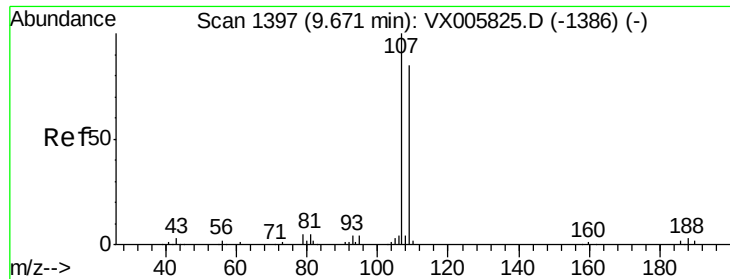
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#60
Dibromochloromethane
Concen: 49.36 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005967.D
Acq: 14 Nov 2018 11:50

Tgt Ion: 129 Resp: 57845
Ion Ratio Lower Upper
129 100
127 77.3 38.9 116.7





#61

1,2-Dibromoethane

Concen: 45.84 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX005967.D

Acq: 14 Nov 2018 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 107 Resp: 54960

Ion Ratio Lower Upper

107 100

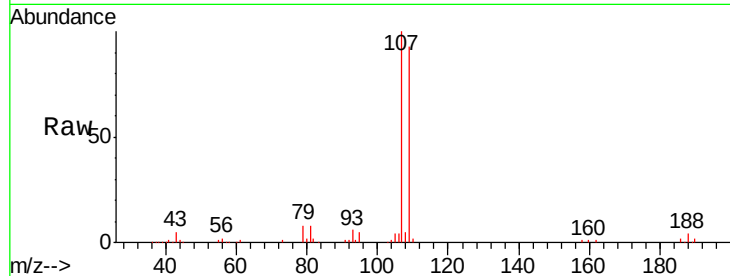
109 94.4 75.7 113.5

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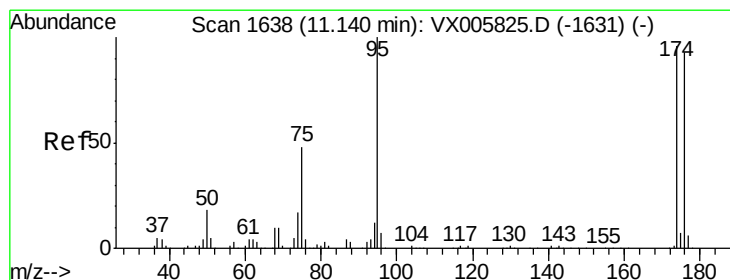
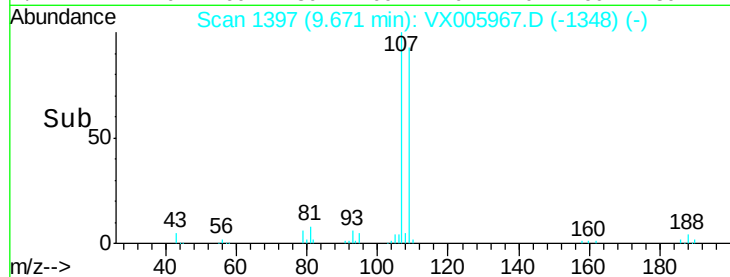
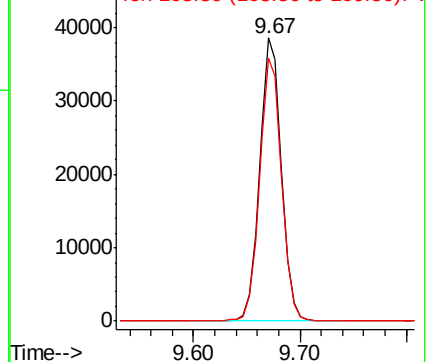
MMDadoda

11/15/2018 1:04:50 PM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 58.44 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX005967.D

Acq: 14 Nov 2018 11:50

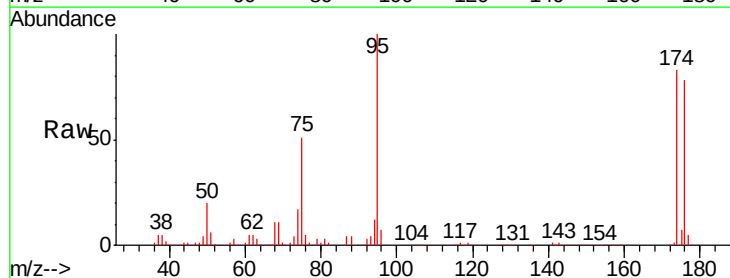
Tgt Ion: 95 Resp: 73596

Ion Ratio Lower Upper

95 100

174 90.8 0.0 184.4

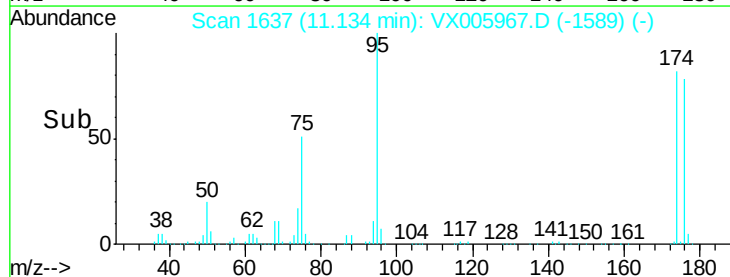
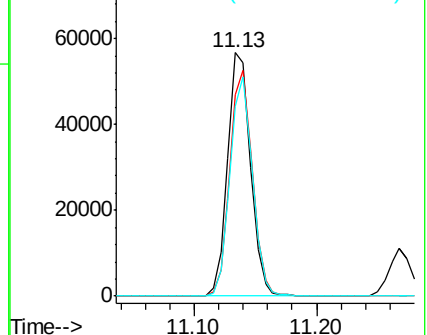
176 87.9 0.0 177.4

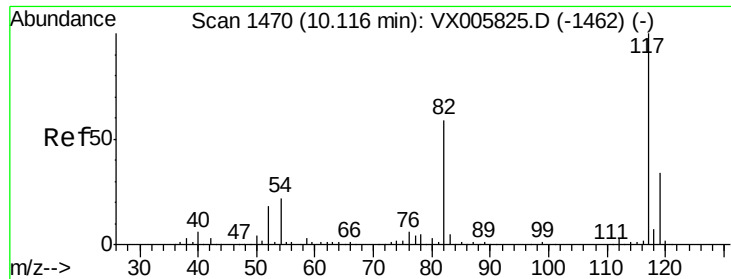


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





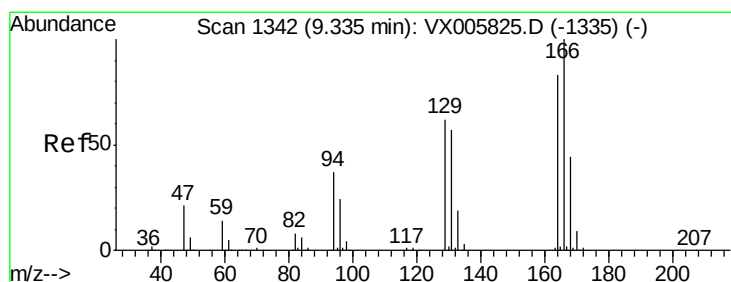
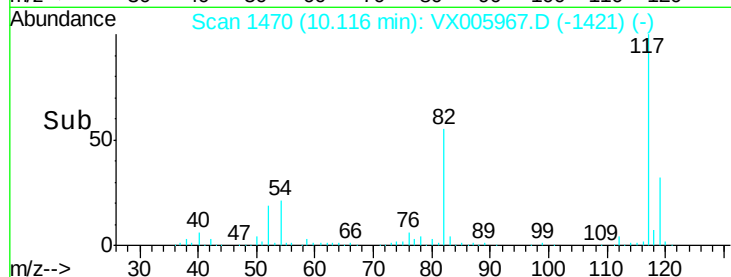
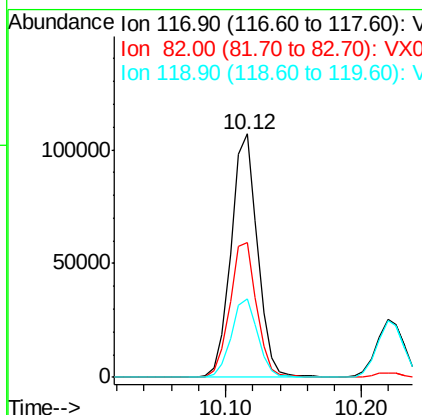
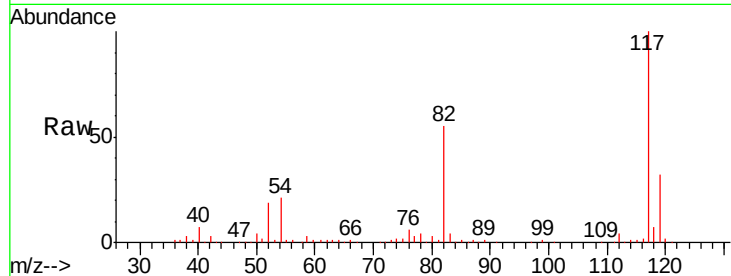
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005967.D
Acq: 14 Nov 2018 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	144711		
82	55.3	44.1	66.1	
119	32.5	26.2	39.2	

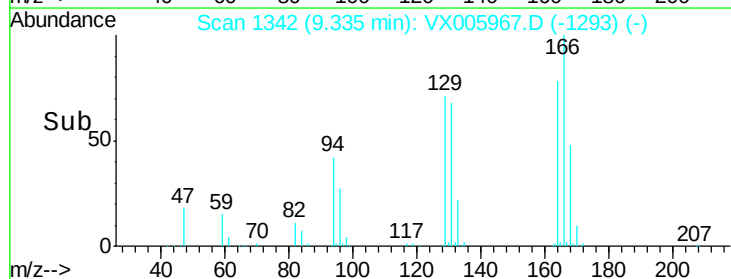
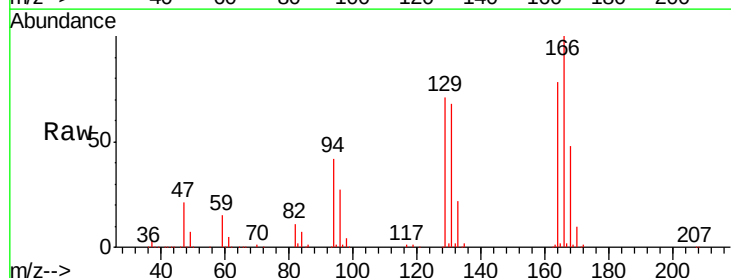
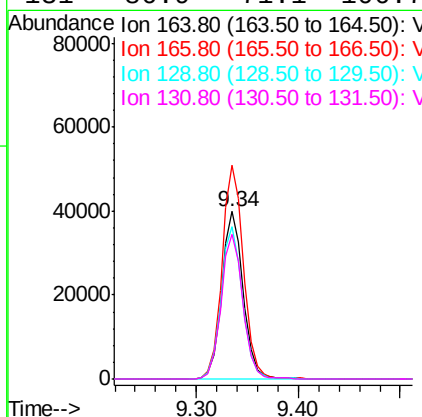
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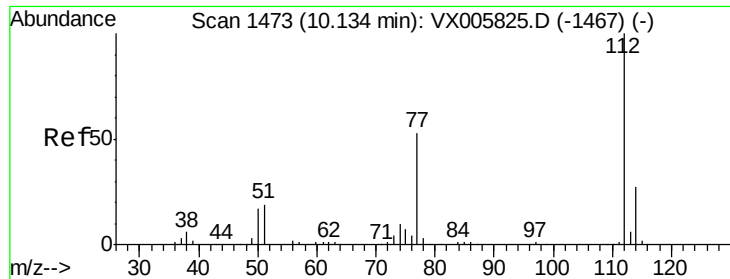
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#64
Tetrachloroethene
Concen: 47.12 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005967.D
Acq: 14 Nov 2018 11:50

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	58060		
166	127.8	101.9	152.9	
129	91.0	72.6	109.0	
131	86.9	71.1	106.7	





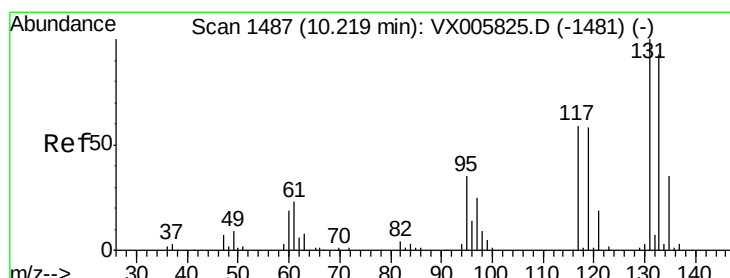
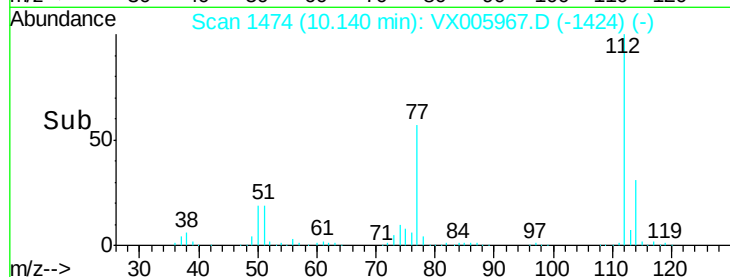
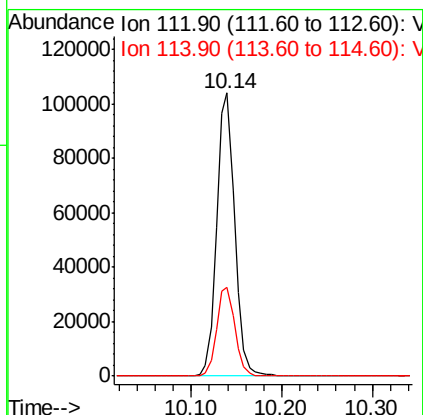
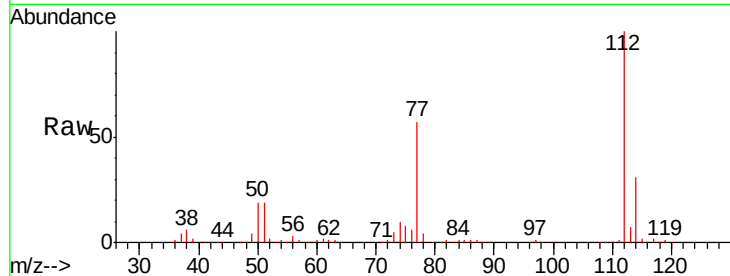
#65
Chlorobenzene
Concen: 49.91 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX005967.D
Acq: 14 Nov 2018 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 144677
Ion Ratio Lower Upper
112 100
114 31.4 25.8 38.6

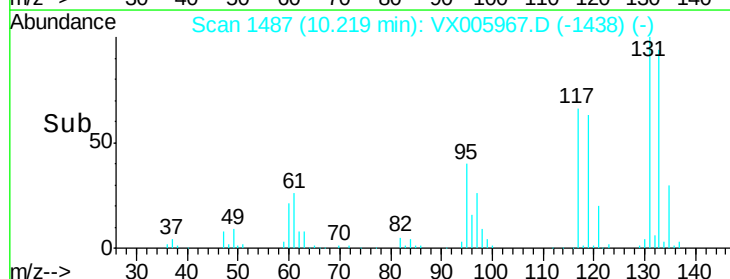
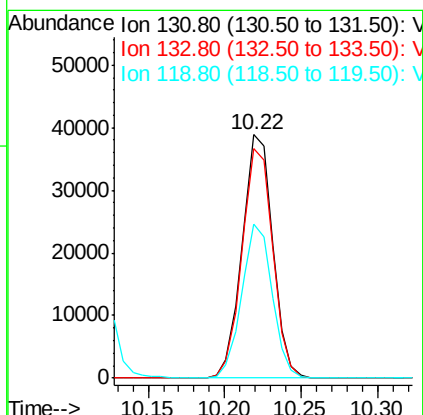
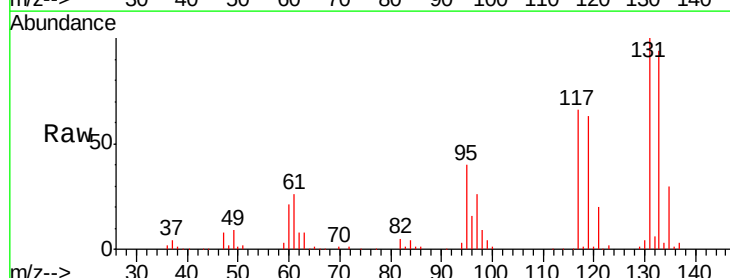
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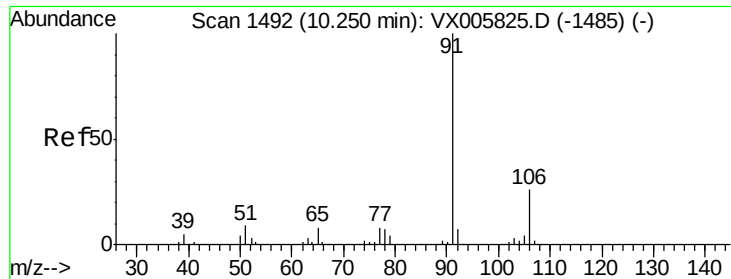
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11/15/2018 1:04:50 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 53.66 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX005967.D
Acq: 14 Nov 2018 11:50

Tgt Ion:131 Resp: 54086
Ion Ratio Lower Upper
131 100
133 95.1 47.5 142.5
119 62.7 31.8 95.3





#67

Ethyl Benzene

Concen: 54.71 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX005967.D

Acq: 14 Nov 2018 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

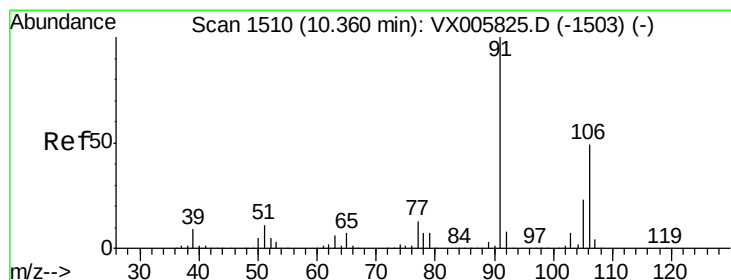
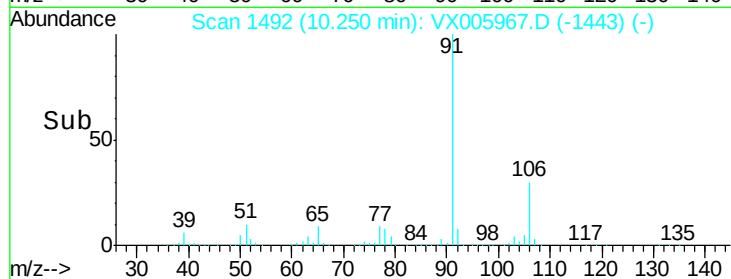
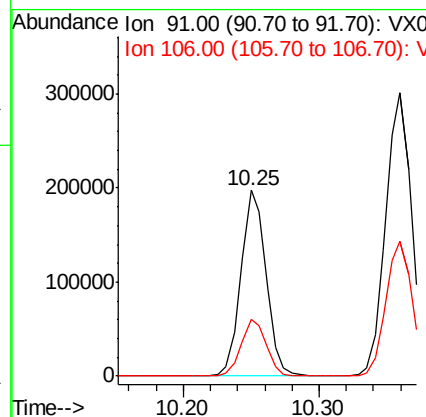
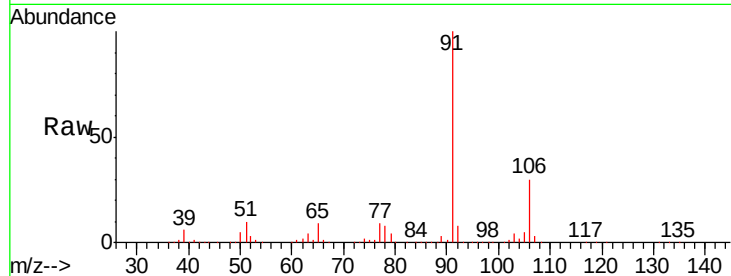
Tgt Ion: 91 Resp: 254317
Ion Ratio Lower Upper

91 100

106 30.3 24.4 36.6

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11/15/2018 1:04:50 PM



#68

m/p-Xylenes

Concen: 110.24 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

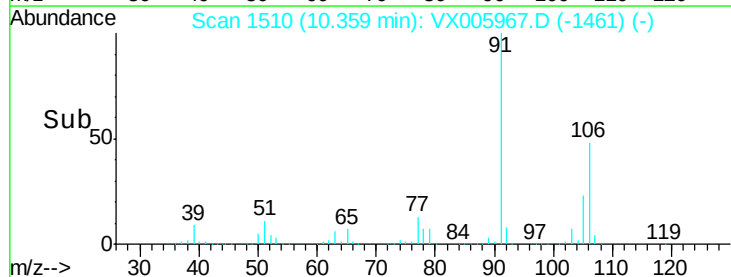
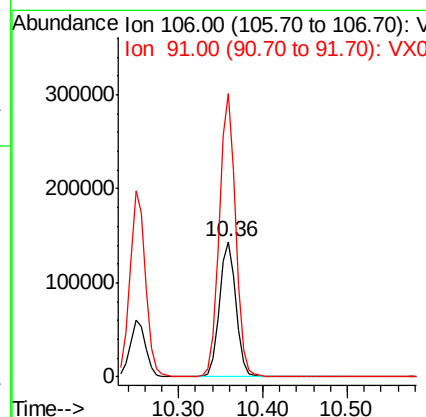
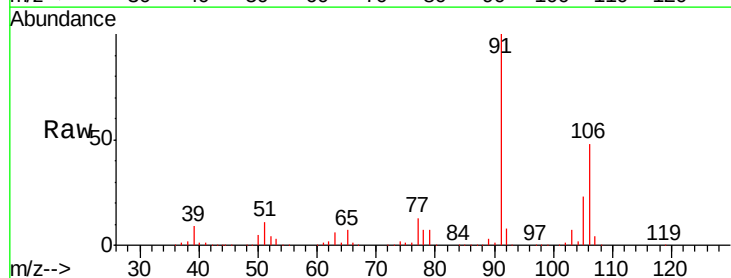
Lab File: VX005967.D

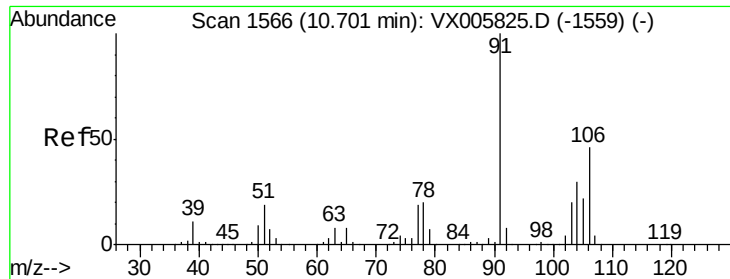
Acq: 14 Nov 2018 11:50

Tgt Ion: 106 Resp: 195475
Ion Ratio Lower Upper

106 100

91 208.0 164.2 246.4





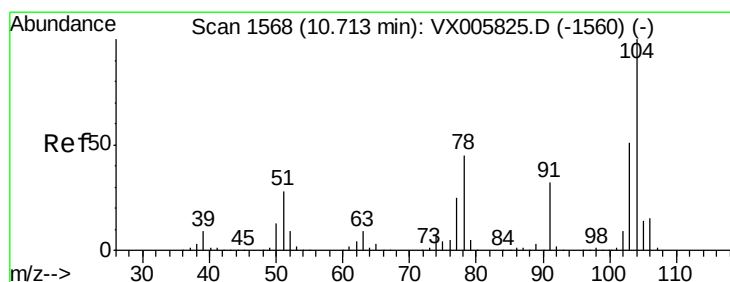
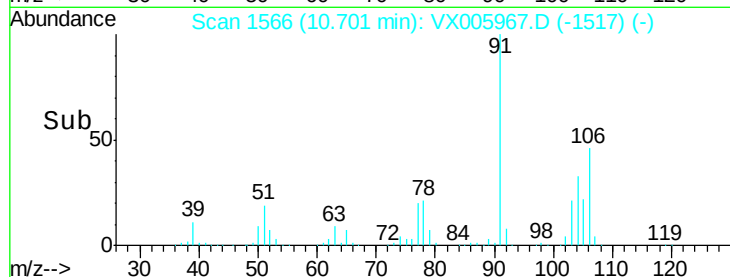
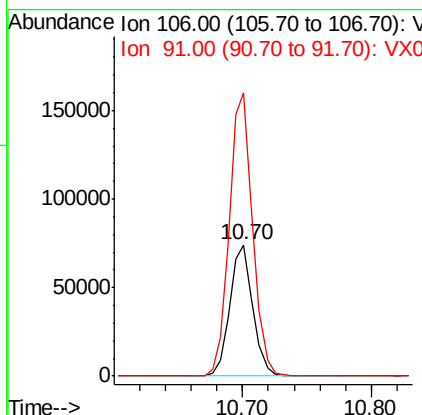
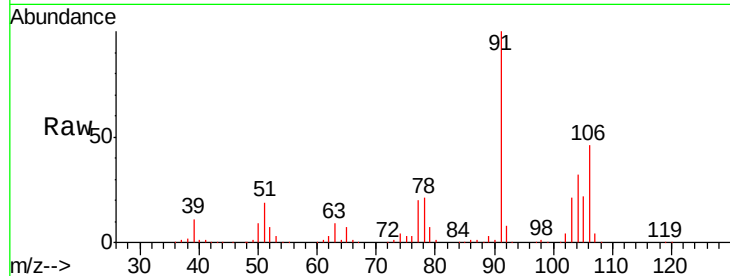
#69
o-Xylene
Concen: 58.19 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005967.D
Acq: 14 Nov 2018 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 92518
Ion Ratio Lower Upper
106 100
91 219.5 108.5 325.5

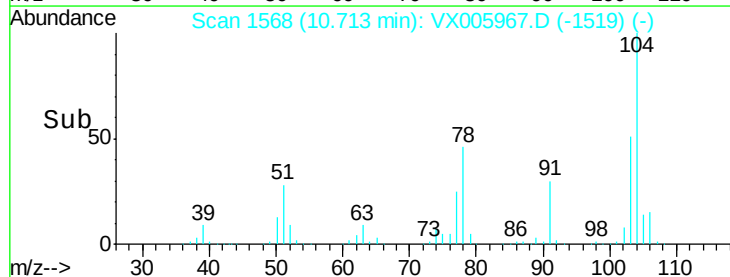
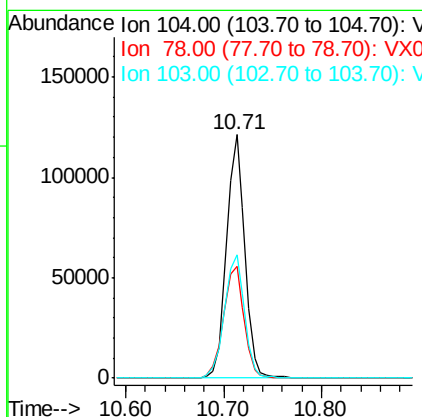
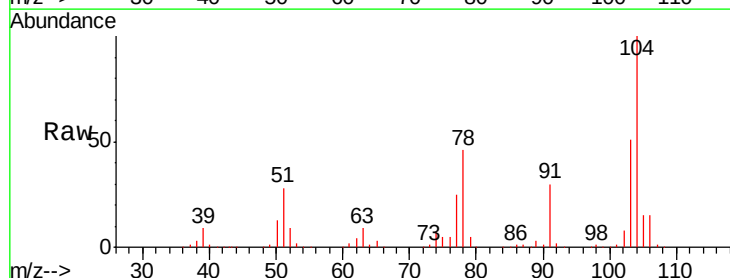
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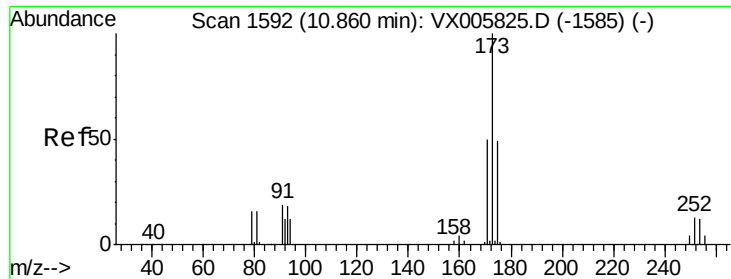
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11/15/2018 1:04:50 PM



#70
Styrene
Concen: 59.92 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005967.D
Acq: 14 Nov 2018 11:50

Tgt Ion:104 Resp: 157177
Ion Ratio Lower Upper
104 100
78 52.0 40.2 60.4
103 56.1 44.9 67.3





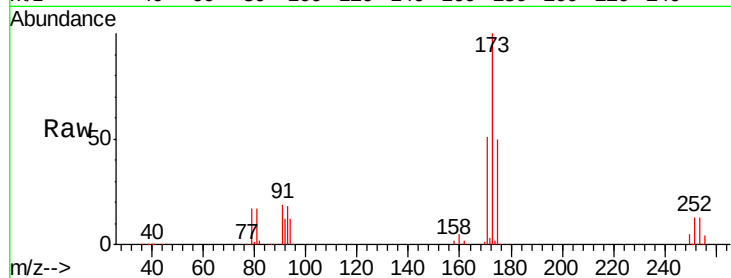
#71
Bromoform
Concen: 57.06 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VX005967.D
Acq: 14 Nov 2018 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

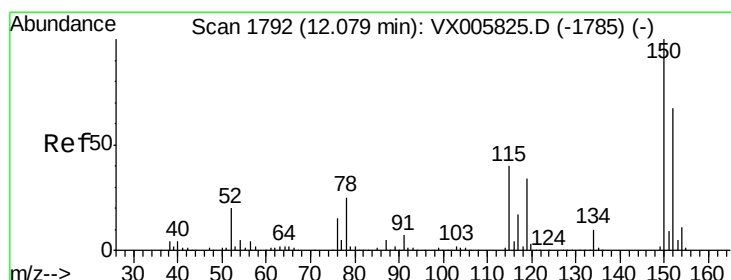
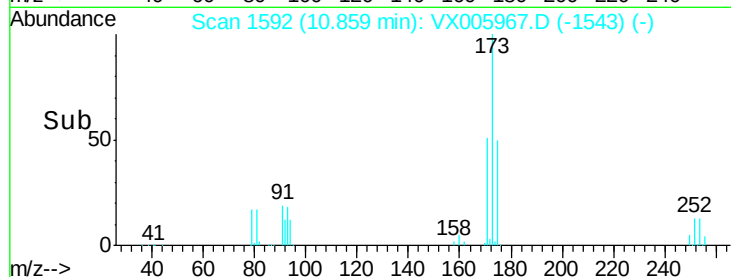
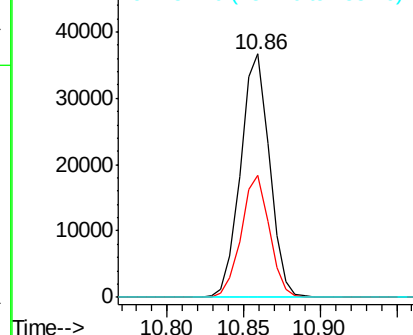
Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.7	24.8	74.3
254	0.2	0.2	0.2

Manual Integrations
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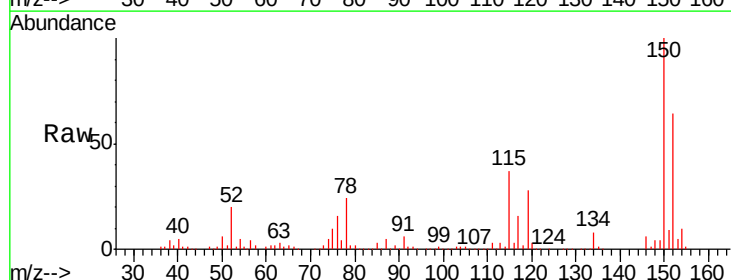


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

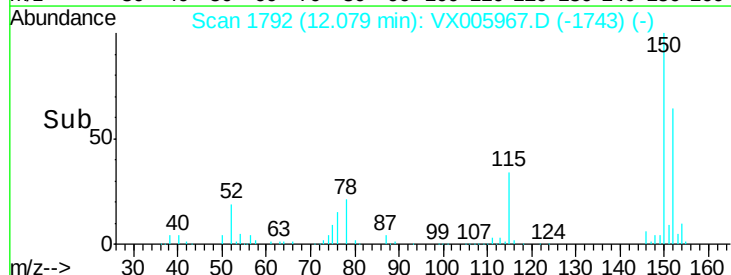
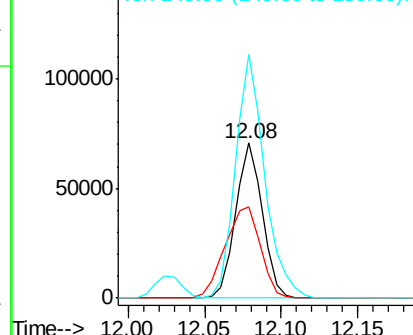


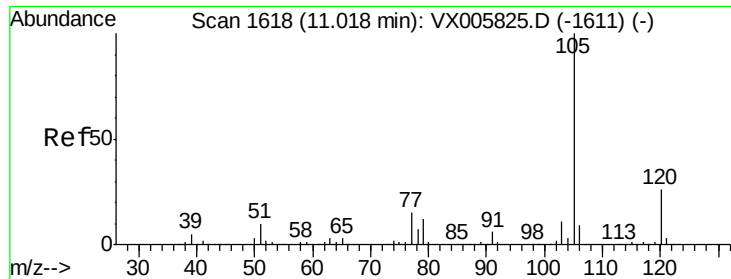
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005967.D
Acq: 14 Nov 2018 11:50

Tgt Ion	Ratio	Lower	Upper
152	100		
115	78.3	39.4	118.1
150	171.7	0.0	346.4



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





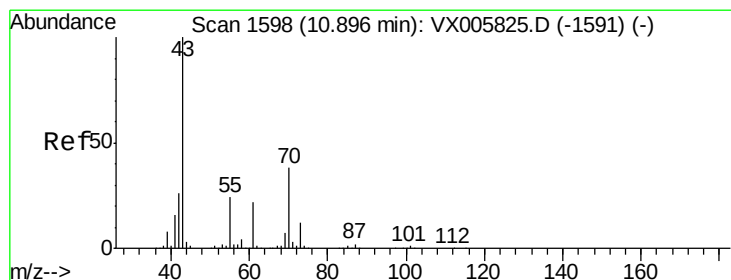
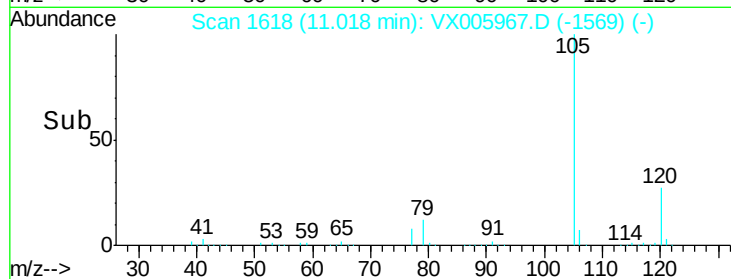
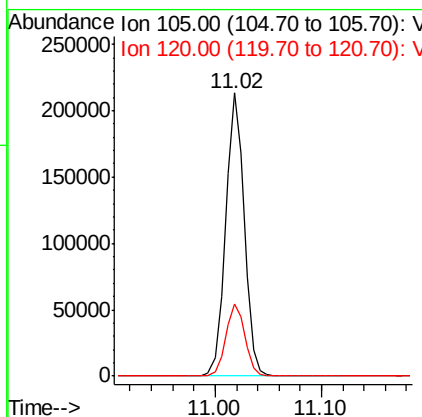
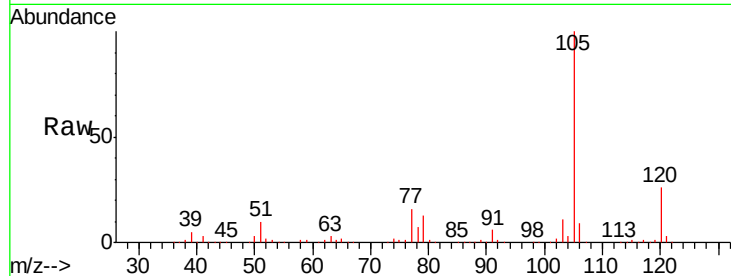
#73
Isopropylbenzene
Concen: 52.78 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX005967.D
Acq: 14 Nov 2018 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.1	13.1	39.3

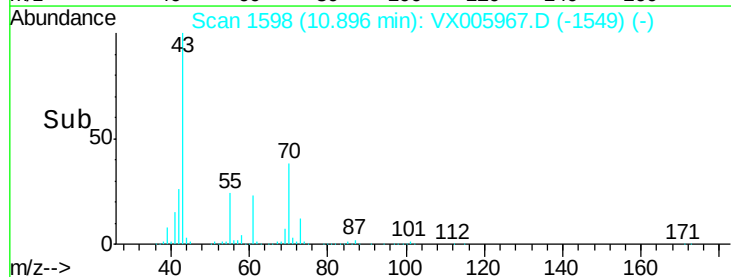
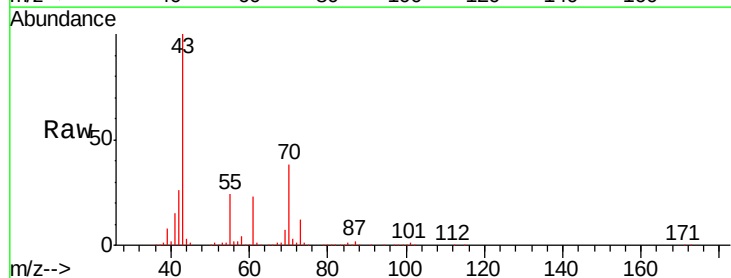
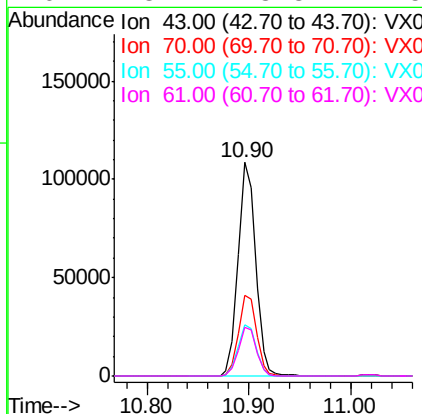
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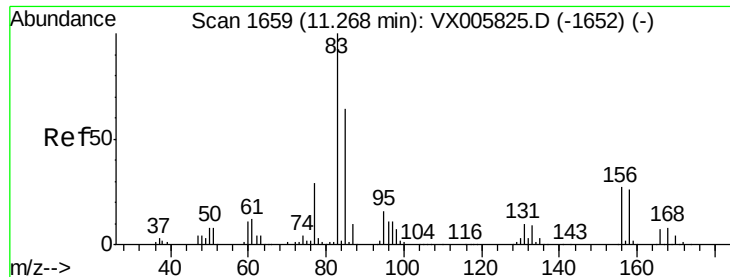
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#74
N-ethyl acetate
Concen: 46.55 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VX005967.D
Acq: 14 Nov 2018 11:50

Tgt Ion	Ratio	Lower	Upper
43	100		
70	38.7	31.6	47.4
55	24.6	19.7	29.5
61	23.1	18.3	27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 47.97 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005967.D

Acq: 14 Nov 2018 11:50

Instrument :

MSVOA_X

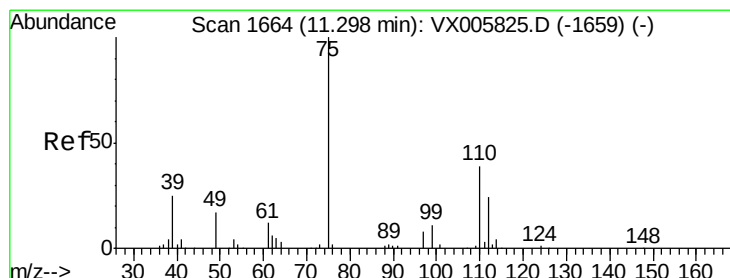
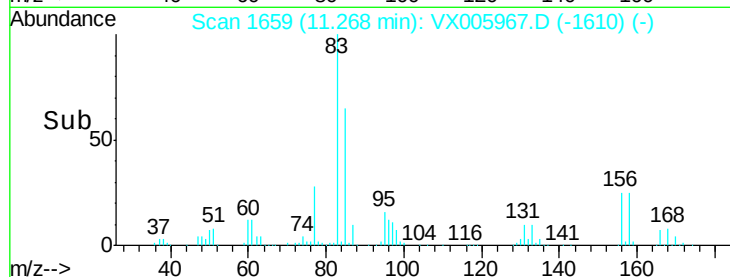
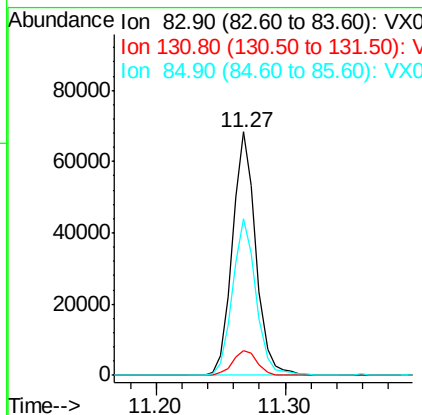
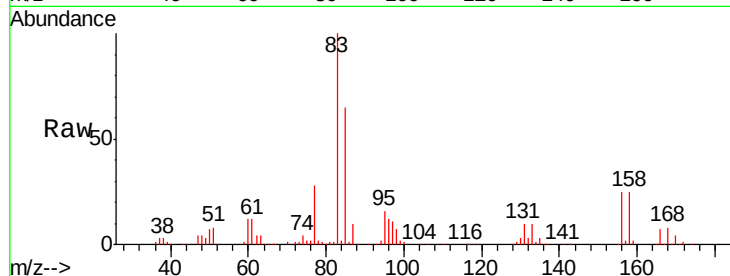
ClientSampleId :

VSTDCCC050

Tgt Ion:	83	Resp:	86757
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.3	15.9
85	64.9	32.0	96.2

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#76

1,2,3-Trichloropropane

Concen: 49.28 ug/l m

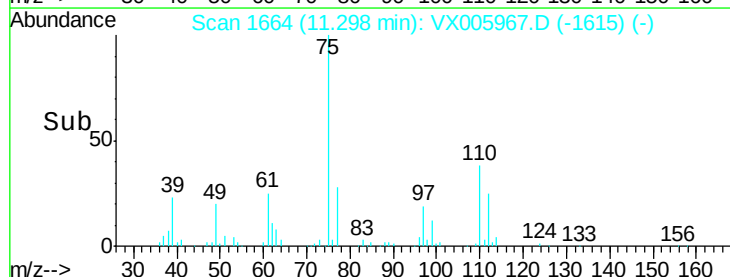
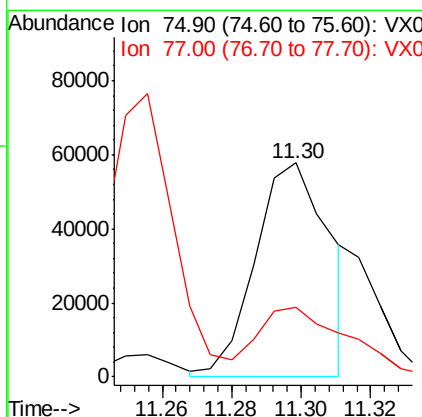
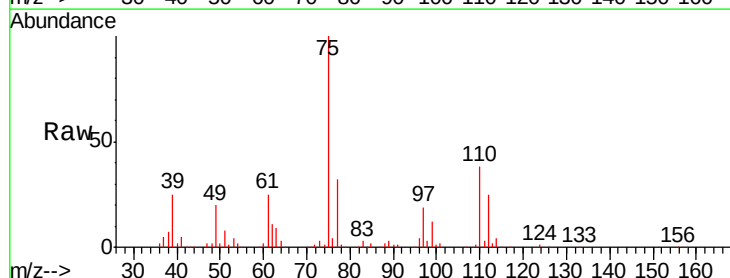
RT: 11.30 min Scan# 1664

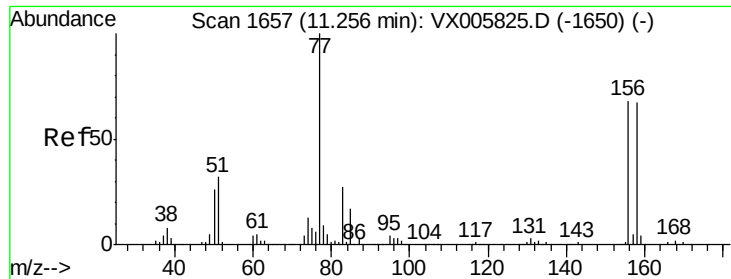
Delta R.T. -0.00 min

Lab File: VX005967.D

Acq: 14 Nov 2018 11:50

Tgt Ion:	75	Resp:	85497
Ion Ratio	Lower	Upper	
75	100		
77	39.5	20.5	61.6





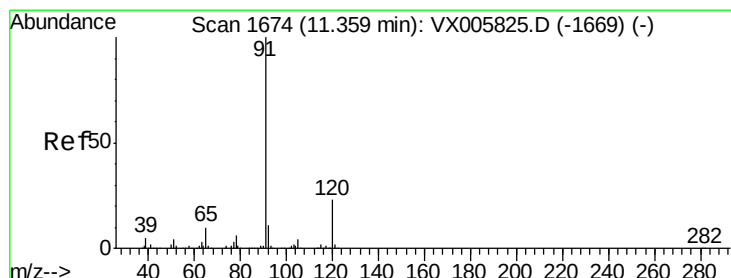
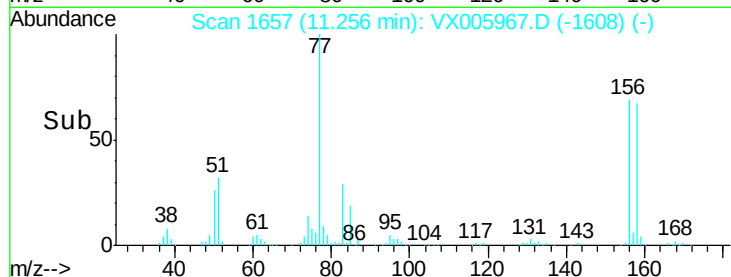
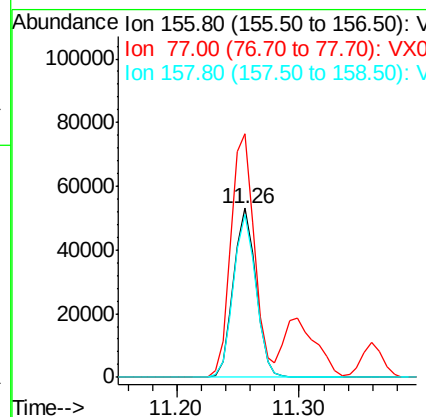
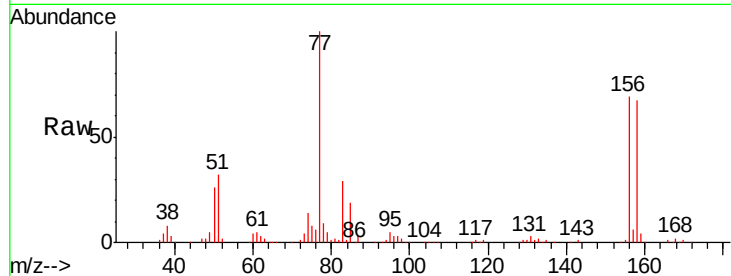
#77
Bromobenzene
Concen: 48.67 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. -0.00 min
Lab File: VX005967.D
Acq: 14 Nov 2018 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
156	100		
77	150.4	74.8	224.4
158	96.6	49.1	147.3

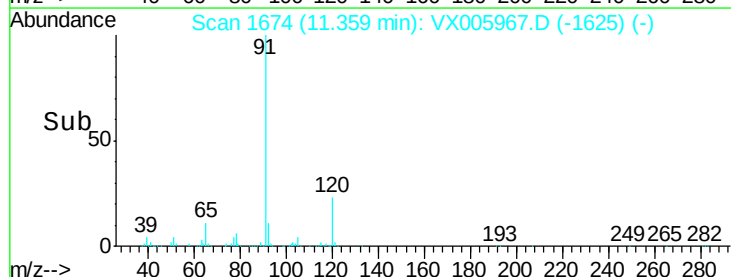
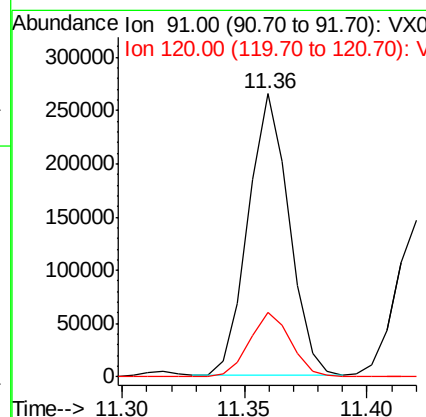
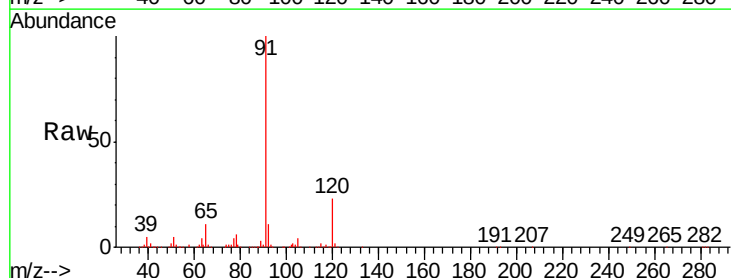
Manual Integrations
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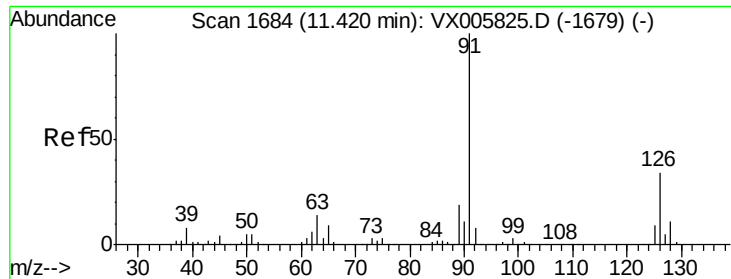
MMDadoda
11/15/2018 1:04:50 PM



#78
n-propylbenzene
Concen: 53.09 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VX005967.D
Acq: 14 Nov 2018 11:50

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.3	11.9	35.5





#79

2-Chlorotoluene

Concen: 51.19 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX005967.D

Acq: 14 Nov 2018 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 179664

Ion Ratio Lower Upper

91 100

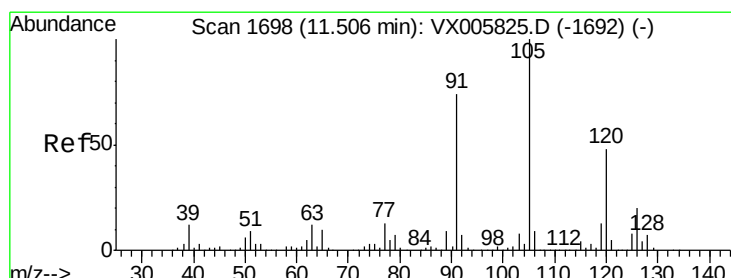
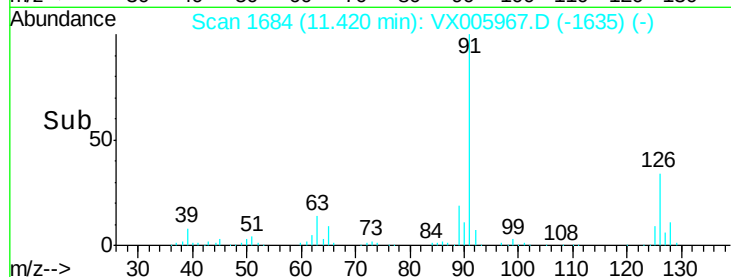
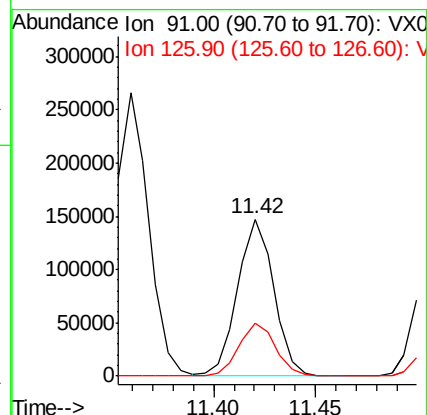
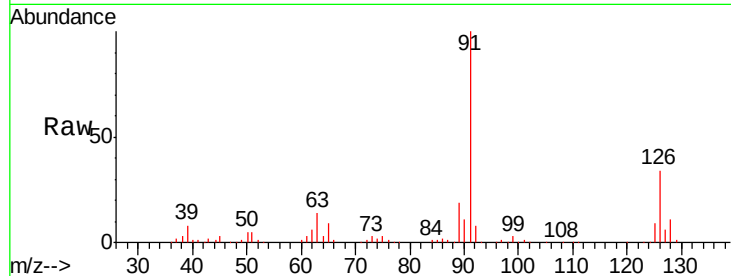
126 34.5 17.3 52.0

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 53.99 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX005967.D

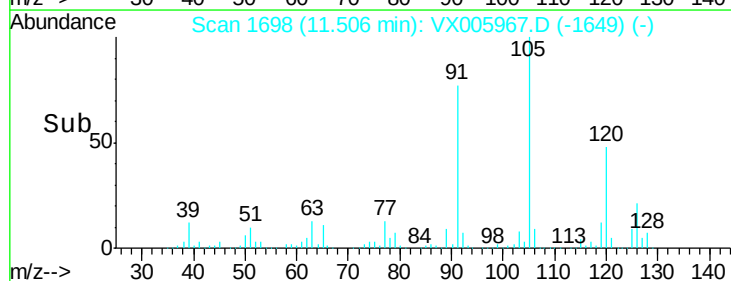
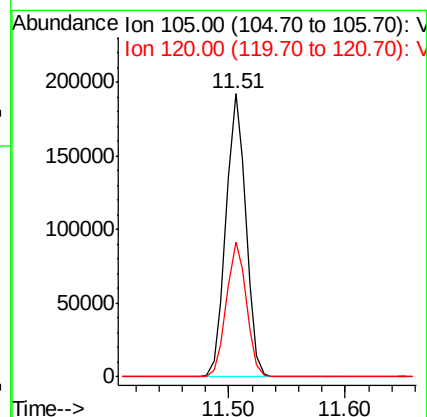
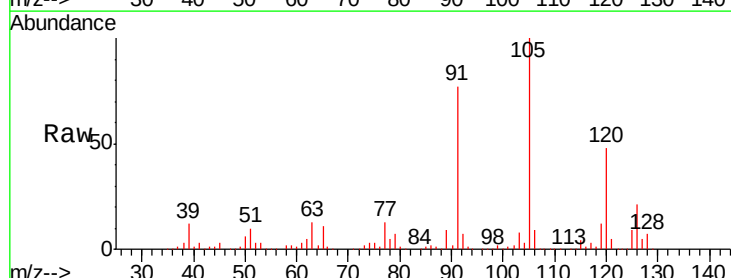
Acq: 14 Nov 2018 11:50

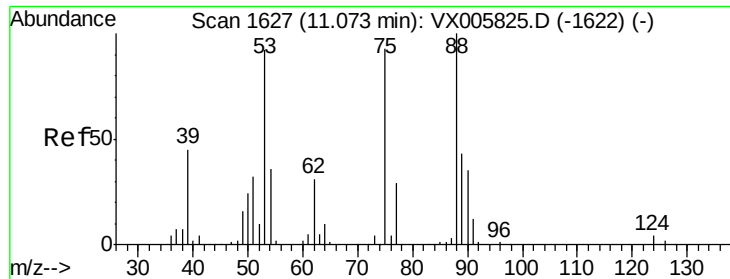
Tgt Ion: 105 Resp: 226067

Ion Ratio Lower Upper

105 100

120 48.0 24.1 72.2





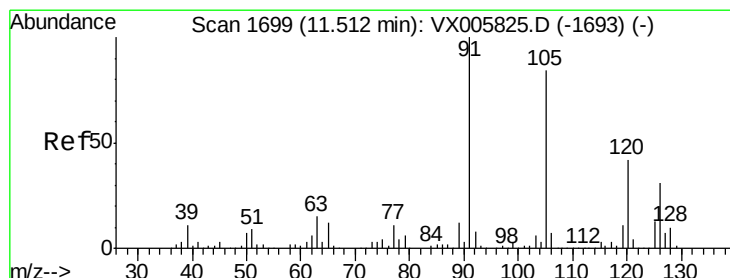
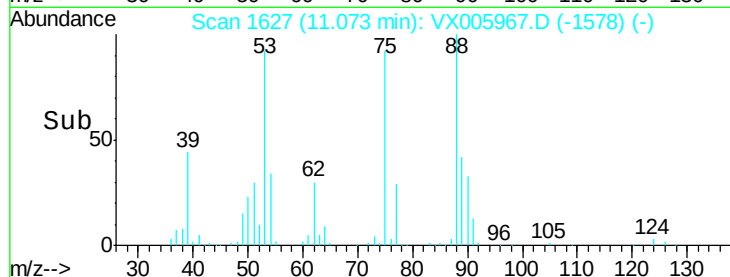
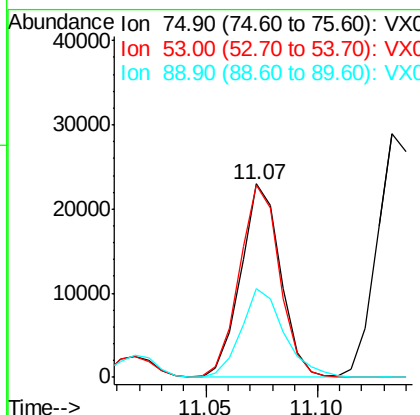
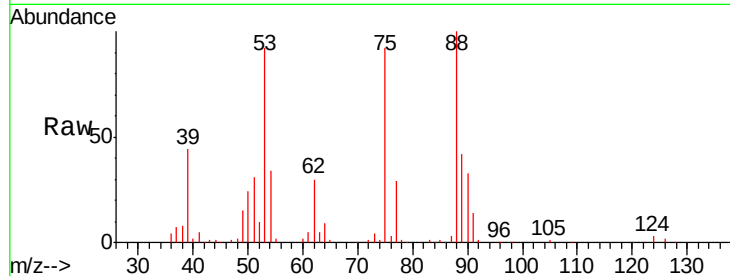
#81
trans-1,4-Dichloro-2-butene
Concen: 52.38 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX005967.D
Acq: 14 Nov 2018 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
75	100		
53	101.5	80.2	120.2
89	50.0	39.8	59.8

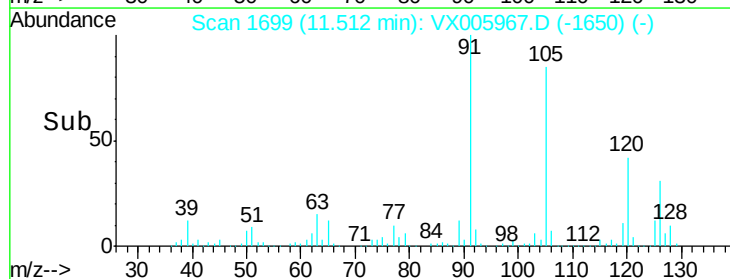
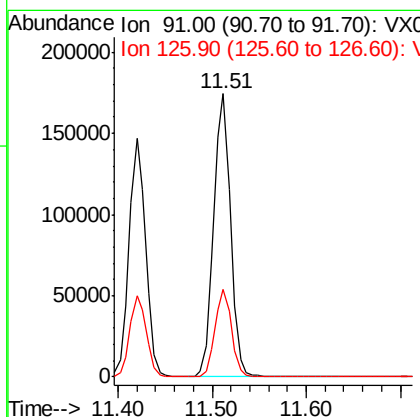
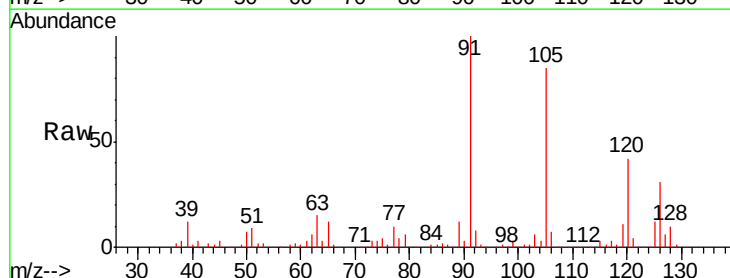
Manual Integrations
APPROVED

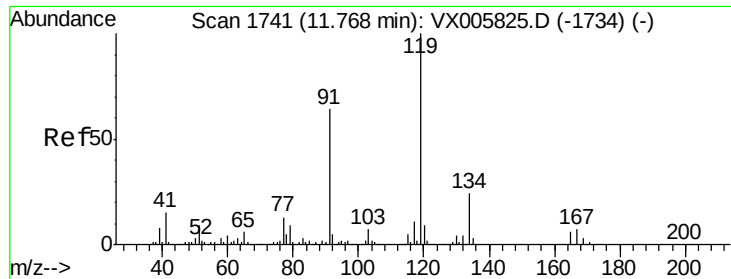
MMDadoda
11/15/2018 1:04:50 PM



#82
4-Chlorotoluene
Concen: 52.42 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX005967.D
Acq: 14 Nov 2018 11:50

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.2	15.2	45.6





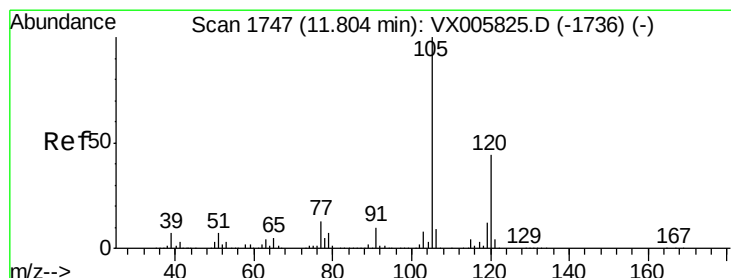
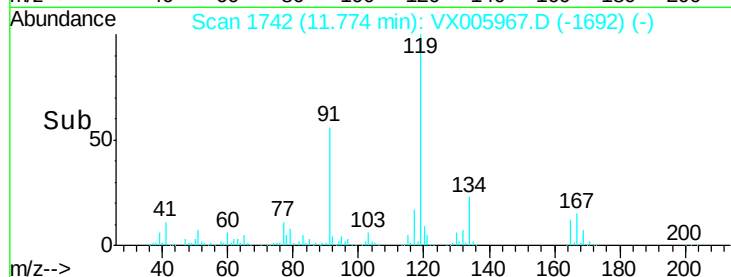
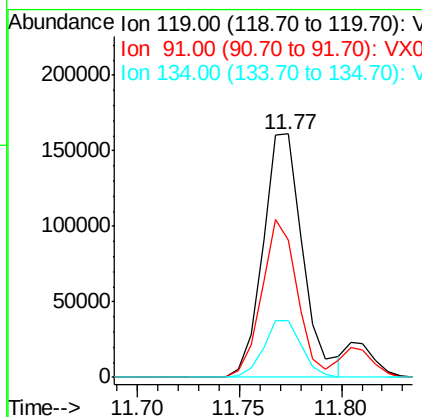
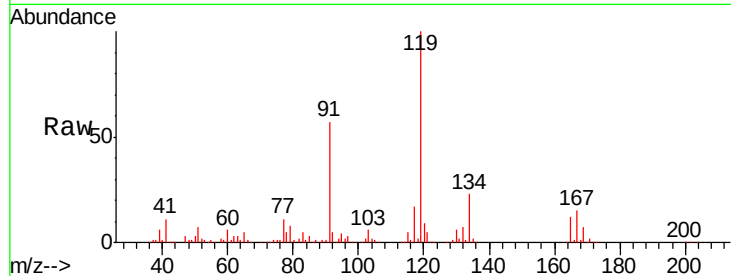
#83
 tert-Butylbenzene
 Concen: 51.86 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. 0.01 min
 Lab File: VX005967.D
 Acq: 14 Nov 2018 11:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	219662		
91	57.9	28.5	85.5	
134	22.3	11.3	33.8	

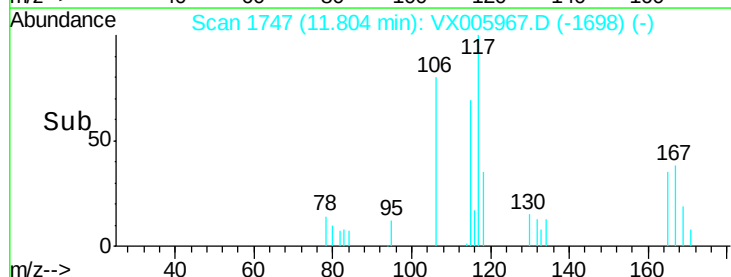
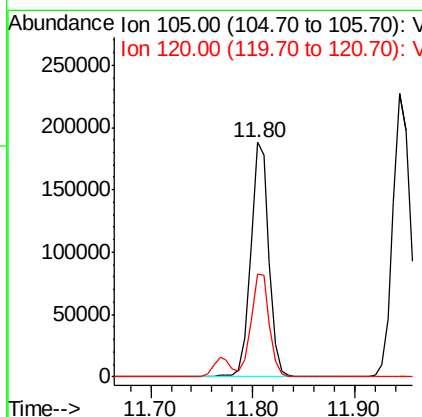
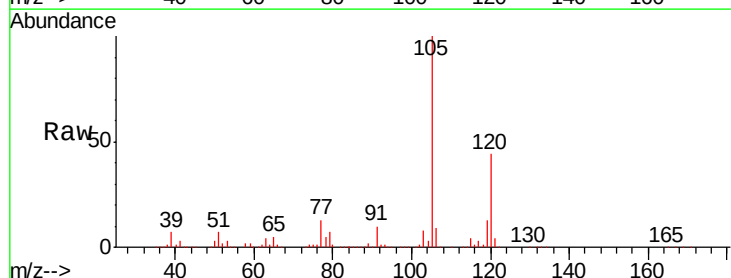
Manual Integrations
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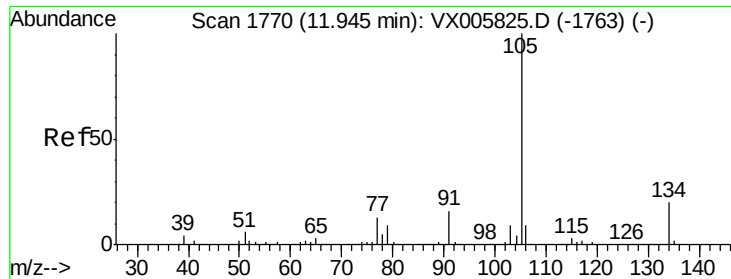
MMDadoda
 11/15/2018 1:04:50 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 50.29 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX005967.D
 Acq: 14 Nov 2018 11:50

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	232376		
120	44.2	22.4	67.0	





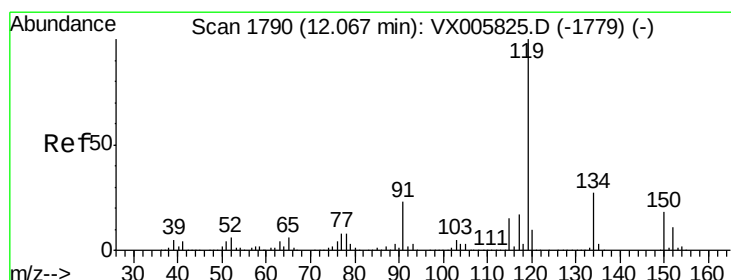
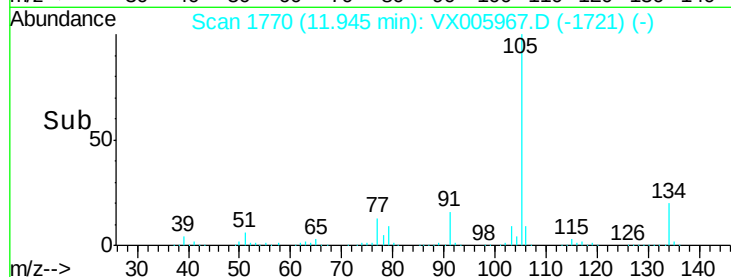
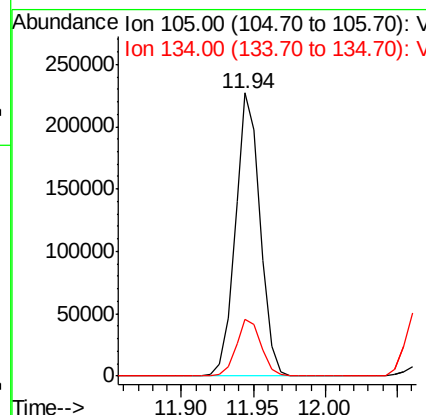
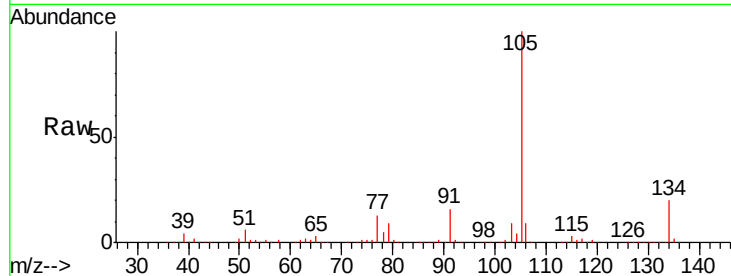
#85
 sec-Butylbenzene
 Concen: 52.52 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX005967.D
 Acq: 14 Nov 2018 11:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 272026
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.2 30.4

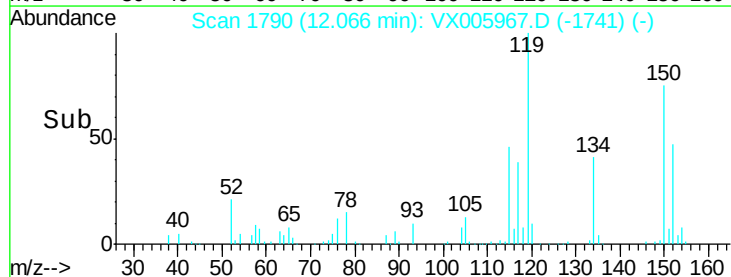
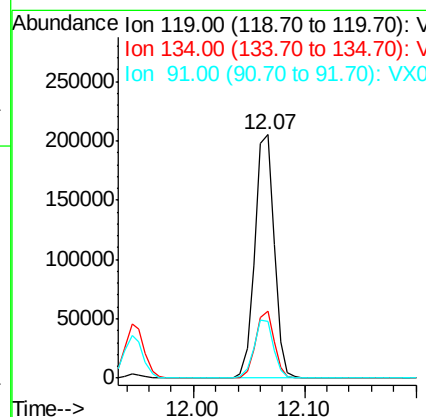
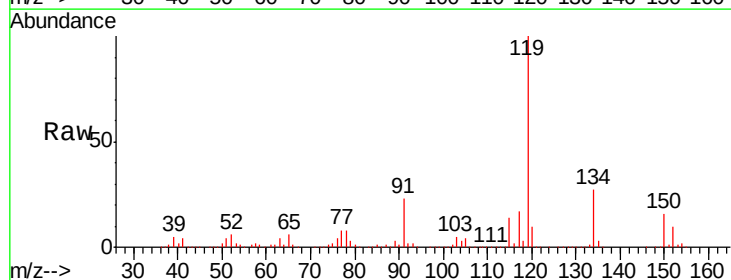
Manual Integrations
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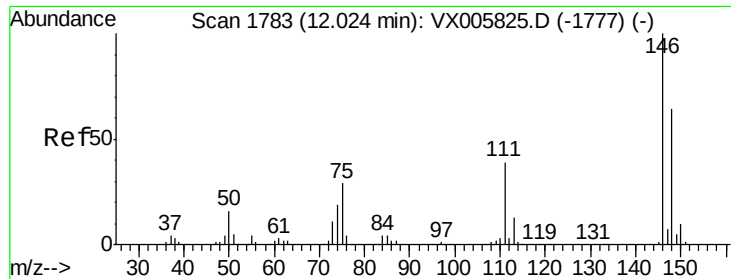
MMDadoda
 11/15/2018 1:04:50 PM



#86
 p-Isopropyltoluene
 Concen: 54.10 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX005967.D
 Acq: 14 Nov 2018 11:50

Tgt Ion:119 Resp: 248209
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.0 39.0
 91 23.9 11.4 34.2





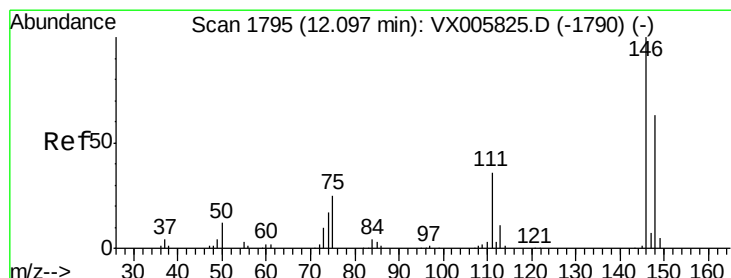
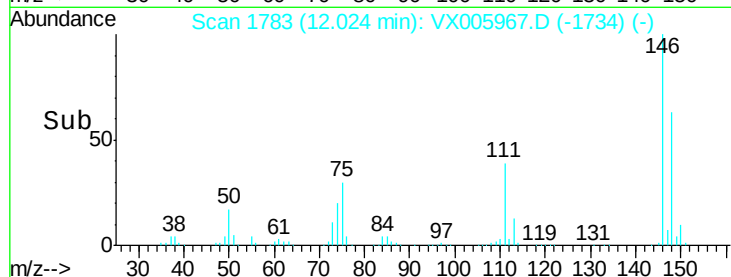
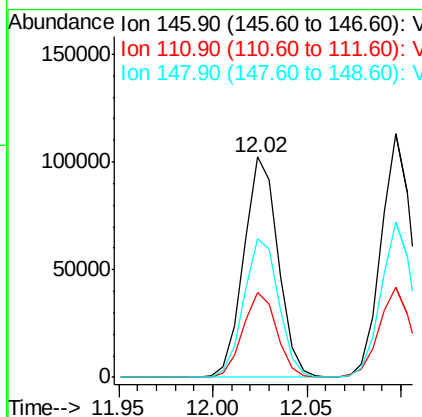
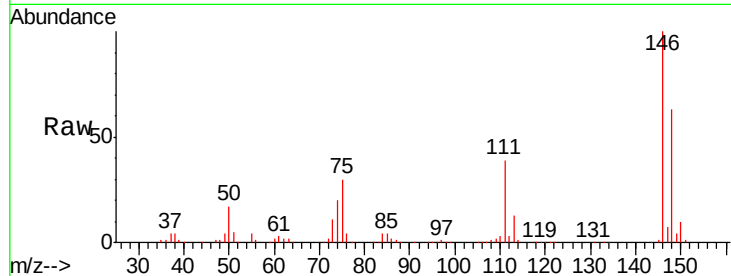
#87
 1,3-Dichlorobenzene
 Concen: 48.51 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX005967.D
 Acq: 14 Nov 2018 11:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.0	57.0
148	64.1	31.9	95.9

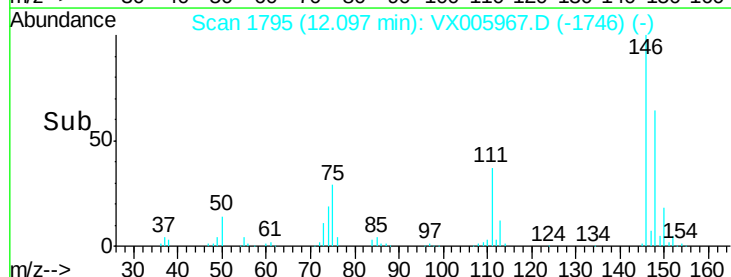
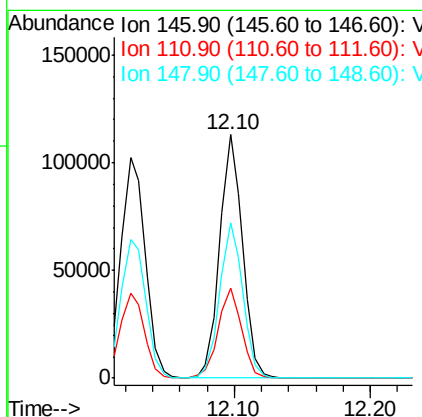
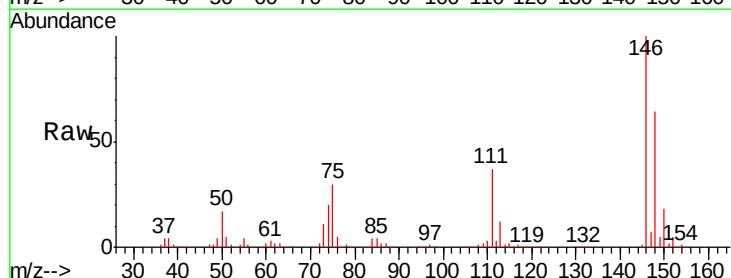
Manual Integrations
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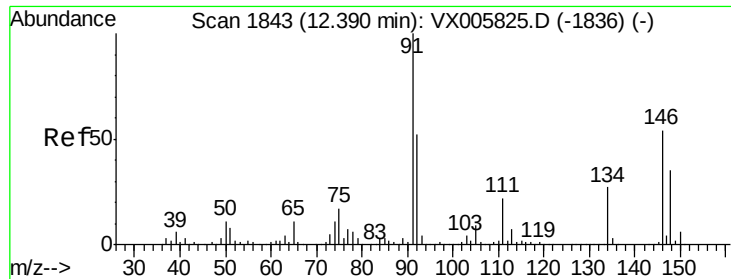
MMDadoda
 11/15/2018 1:04:50 PM



#88
 1,4-Dichlorobenzene
 Concen: 48.34 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX005967.D
 Acq: 14 Nov 2018 11:50

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.6	55.8
148	64.5	32.1	96.3





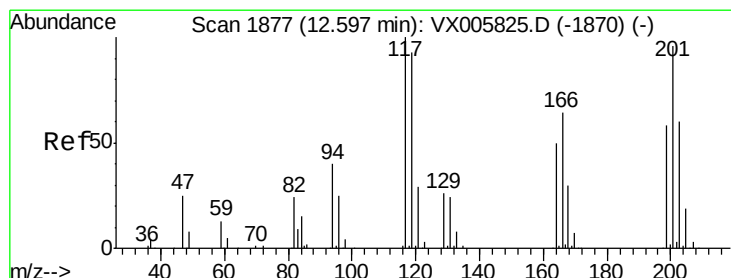
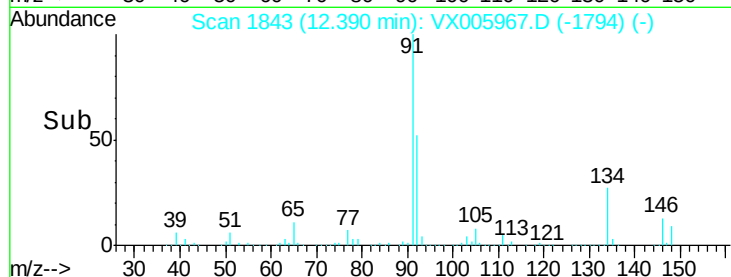
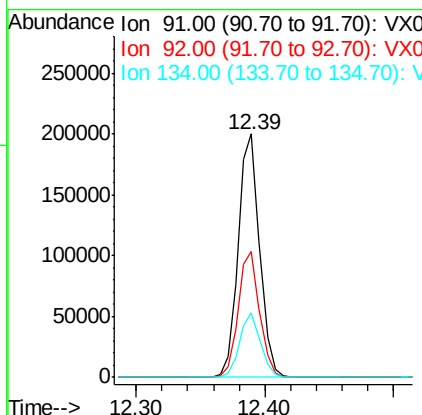
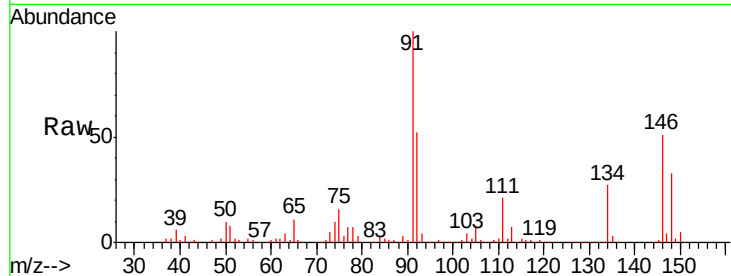
#89
n-Butylbenzene
Concen: 53.99 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX005967.D
Acq: 14 Nov 2018 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
91	100		
92	51.7	26.1	78.2
134	25.8	13.1	39.3

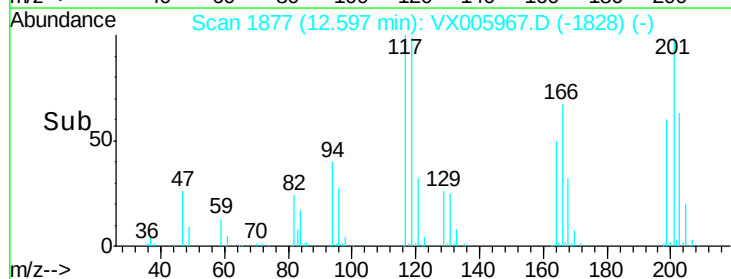
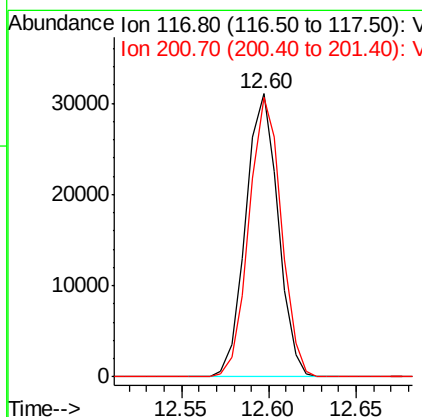
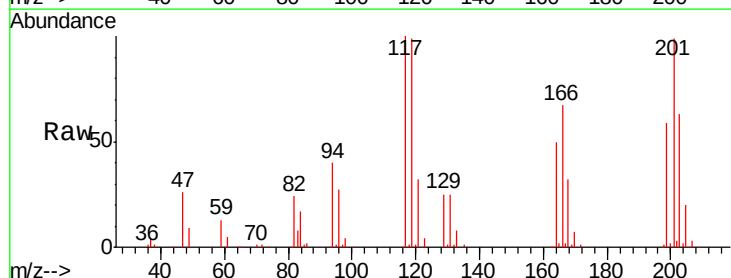
Manual Integrations
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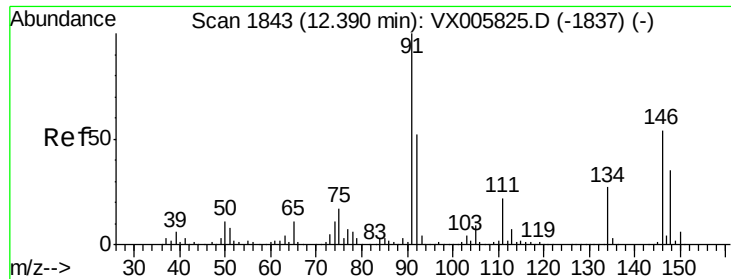
MMDadoda
11/15/2018 1:04:50 PM



#90
Hexachloroethane
Concen: 52.28 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX005967.D
Acq: 14 Nov 2018 11:50

Tgt Ion	Ratio	Lower	Upper
117	100		
201	97.9	47.9	143.6





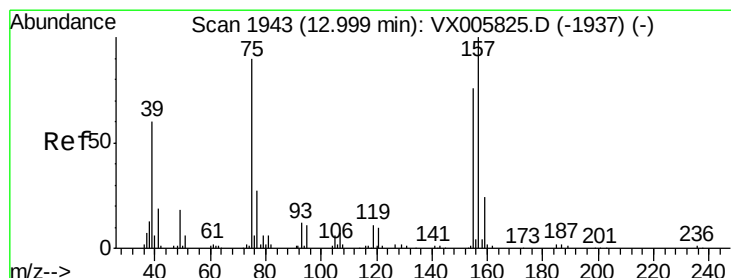
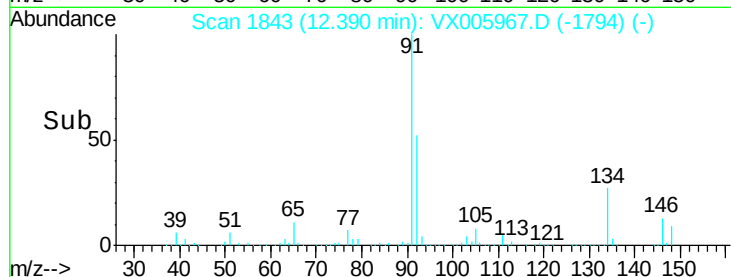
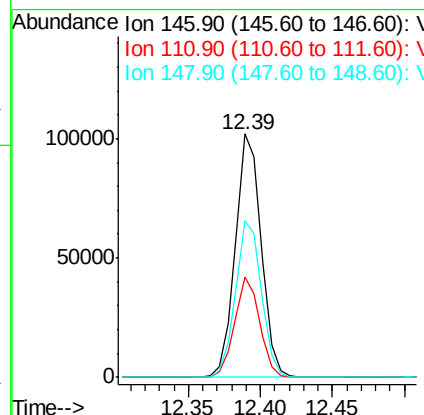
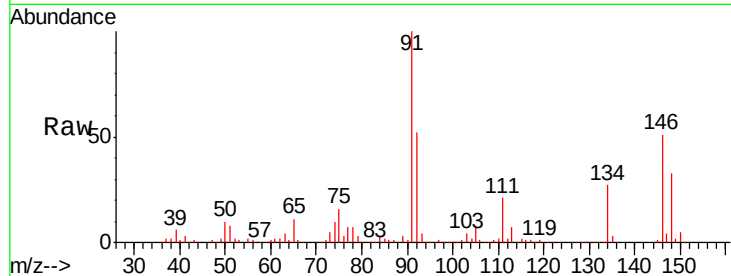
#91
 1,2-Dichlorobenzene
 Concen: 48.27 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX005967.D
 Acq: 14 Nov 2018 11:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	128885		
111	40.0	20.0	59.9	
148	64.7	32.2	96.6	

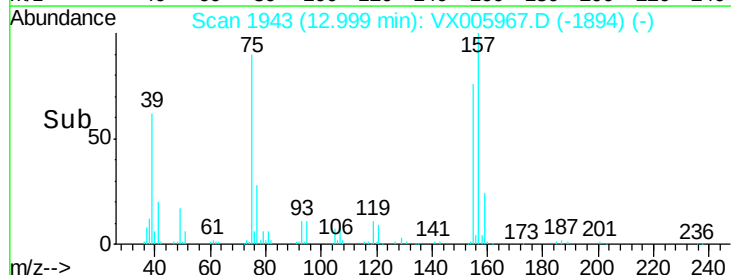
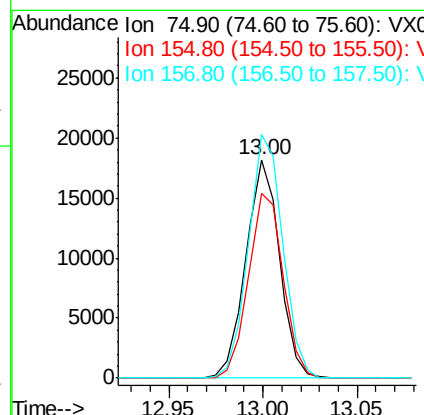
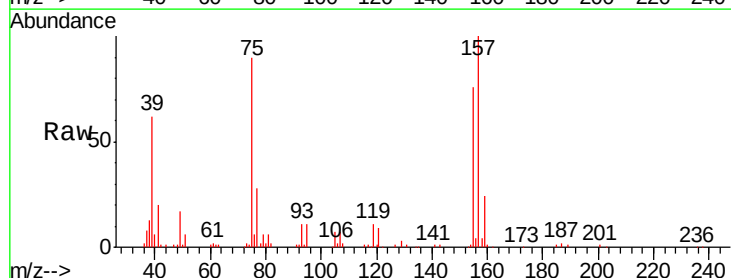
Manual Integrations
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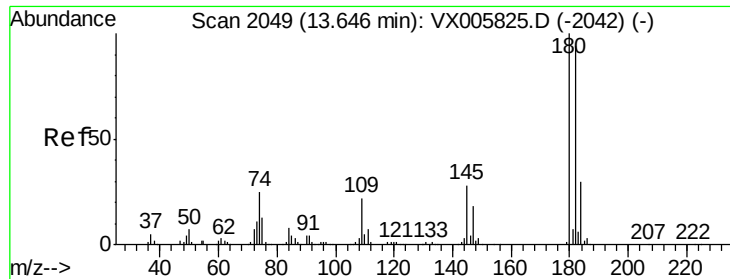
MMDadoda
 11/15/2018 1:04:50 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.90 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX005967.D
 Acq: 14 Nov 2018 11:50

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	22463		
155	87.5	45.4	136.1	
157	114.1	57.4	172.0	





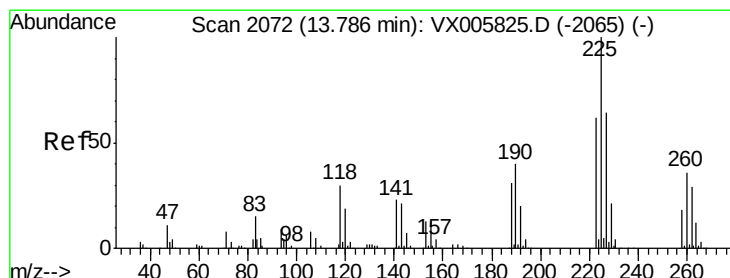
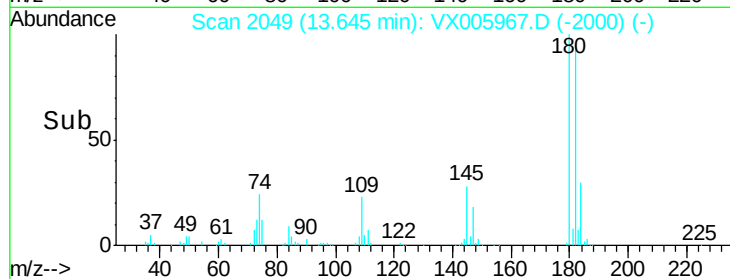
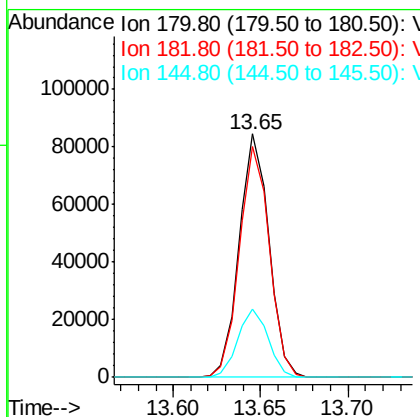
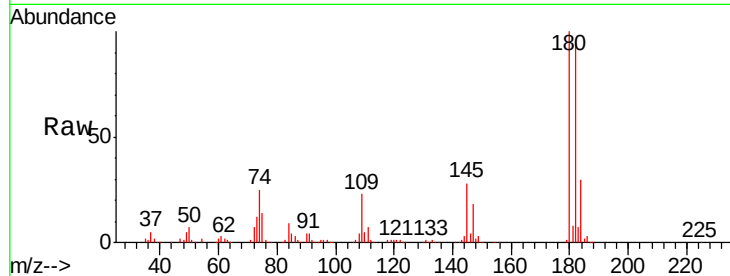
#93
 1,2,4-Trichlorobenzene
 Concen: 53.14 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005967.D
 Acq: 14 Nov 2018 11:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:	180	Resp:	99876
Ion Ratio	Lower	Upper	
180	100		
182	95.4	47.6	142.8
145	28.7	14.1	42.2

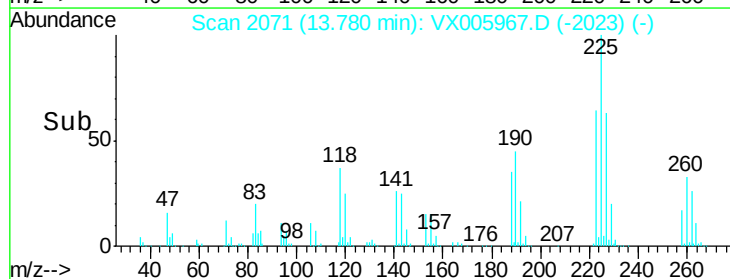
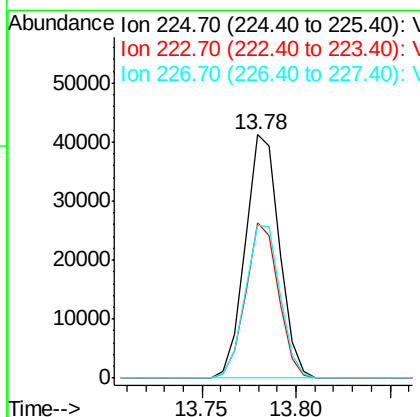
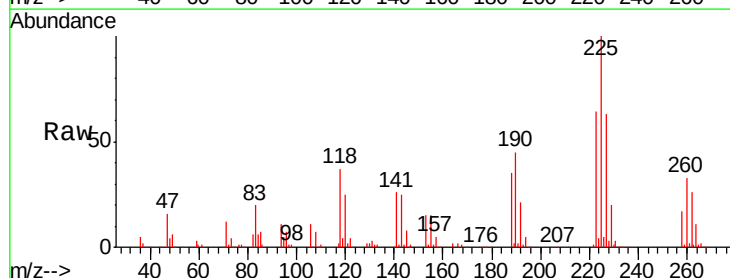
Manual Integrations
 APPROVED

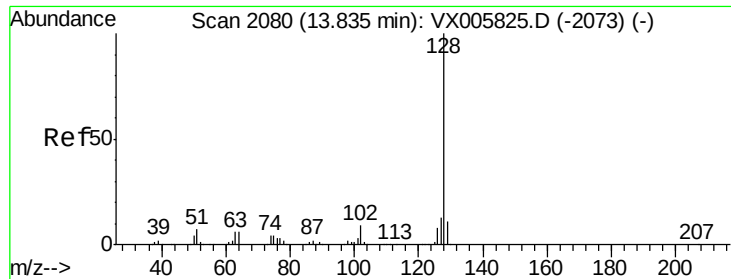
MMDadoda
 11/15/2018 1:04:50 PM



#94
 Hexachlorobutadiene
 Concen: 52.27 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VX005967.D
 Acq: 14 Nov 2018 11:50

Tgt Ion:	225	Resp:	51606
Ion Ratio	Lower	Upper	
225	100		
223	61.6	31.7	95.1
227	64.1	32.3	96.9





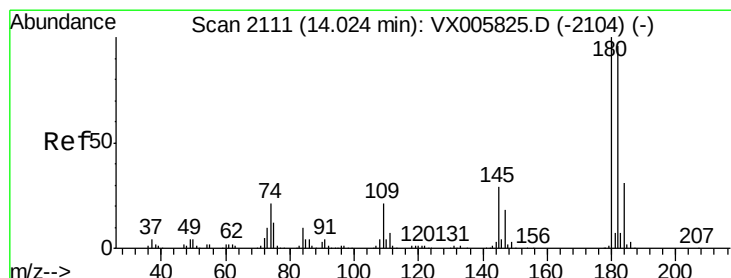
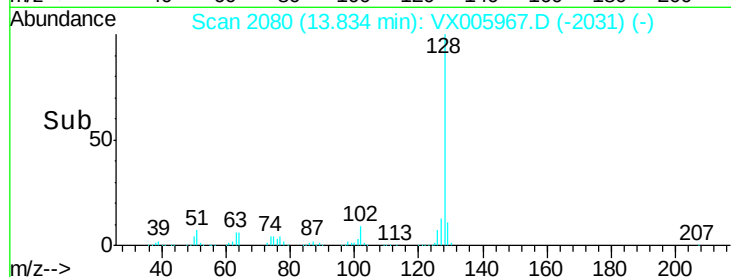
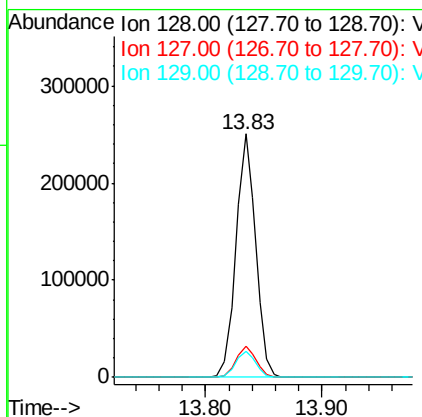
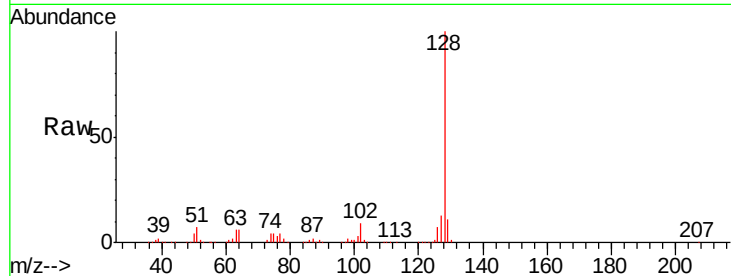
#95
Naphthalene
Concen: 48.14 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX005967.D
Acq: 14 Nov 2018 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	294813		
127	13.0	10.4	15.6	
129	10.9	8.7	13.1	

Manual Integrations
APPROVED

MMDadoda
11/15/2018 1:04:50 PM



#96
1,2,3-Trichlorobenzene
Concen: 52.09 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.01 min
Lab File: VX005967.D
Acq: 14 Nov 2018 11:50

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	99747		
182	97.0	48.0	144.2	
145	30.0	15.1	45.3	

