

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX081418\
 Data File : VX004028.D
 Acq On : 14 Aug 2018 13:44
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICSVX081418

Manual Integrations
 APPROVED

MMDadoda
 8/28/2018 5:39:59 PM

Quant Time: Aug 28 17:28:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 13:27:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	289345	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	447855	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	439292	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	275999	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	221963	54.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.90%	
35) Dibromofluoromethane	5.50	113	181516	54.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.30%	
50) Toluene-d8	8.71	98	699989	51.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.02%	
62) 4-Bromofluorobenzene	11.14	95	269835	54.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	125065	44.40	ug/l	99
3) Chloromethane	1.32	50	180137	52.12	ug/l	99
4) Vinyl Chloride	1.40	62	174946	46.78	ug/l	99
5) Bromomethane	1.64	94	110670	58.43	ug/l	100
6) Chloroethane	1.72	64	125639	51.11	ug/l	99
7) Trichlorofluoromethane	1.93	101	231821	44.19	ug/l	100
8) Diethyl Ether	2.18	74	122804	53.62	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	139618	42.66	ug/l	99
10) Methyl Iodide	2.51	142	168086	48.28	ug/l	99
11) Tert butyl alcohol	3.04	59	229667	279.76	ug/l	100
12) 1,1-Dichloroethene	2.37	96	144009	47.31	ug/l	96
13) Acrolein	2.29	56	148059	265.13	ug/l	100
14) Allyl chloride	2.73	41	290113	50.09	ug/l	97
15) Acrylonitrile	3.14	53	553938	270.63	ug/l	100
16) Acetone	2.43	43	527520	248.88	ug/l	99
17) Carbon Disulfide	2.57	76	413600	47.91	ug/l	100
18) Methyl Acetate	2.77	43	237928	50.51	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	599631	55.91	ug/l	99
20) Methylene Chloride	2.86	84	187252	54.10	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	174162	50.38	ug/l	99
22) Diisopropyl ether	3.86	45	592359	52.19	ug/l	95
23) Vinyl Acetate	3.82	43	2574016	276.14	ug/l	100
24) 1,1-Dichloroethane	3.70	63	333769	51.92	ug/l	100
25) 2-Butanone	4.70	43	866109	251.14	ug/l	99
26) 2,2-Dichloropropane	4.58	77	238565	46.68	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	199570	51.34	ug/l	98
28) Bromochloromethane	5.02	49	158979	53.90	ug/l	99
29) Tetrahydrofuran	5.15	42	445110	252.62	ug/l	98
30) Chloroform	5.21	83	320229	51.04	ug/l	98
31) Cyclohexane	5.57	56	241007	42.77	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	256045	48.84	ug/l	99
36) 1,1-Dichloropropene	5.79	75	230572	45.24	ug/l	100
37) Ethyl Acetate	4.85	43	271465	48.92	ug/l	100
38) Carbon Tetrachloride	5.78	117	218773	44.18	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	235941	40.81	ug/l	98
40) Benzene	6.14	78	746518	48.78	ug/l	99
41) Methacrylonitrile	5.06	41	148855	47.89	ug/l	100
42) 1,2-Dichloroethane	6.20	62	266345	49.72	ug/l	100
43) Isopropyl Acetate	6.46	43	433650	53.01	ug/l	100
44) Trichloroethene	7.21	130	194576	46.84	ug/l	94
45) 1,2-Dichloropropane	7.52	63	195125	49.81	ug/l	99
46) Dibromomethane	7.66	93	129702	50.66	ug/l	99
47) Bromodichloromethane	7.90	83	246499	50.84	ug/l	99
48) Methyl methacrylate	7.77	41	224735	54.58	ug/l	99
49) 1,4-Dioxane	7.76	88	97212	1048.55	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1762232	262.73	ug/l	100
52) Toluene	8.79	92	483063	49.91	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	290961	55.55	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	311491	53.70	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	200652	50.21	ug/l	99
56) Ethyl methacrylate	9.18	69	304742	56.07	ug/l	99
57) 1,3-Dichloropropane	9.37	76	341040	51.43	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	794226	286.99	ug/l	99
59) 2-Hexanone	9.50	43	1340923	265.63	ug/l	100
60) Dibromochloromethane	9.59	129	202411	52.63	ug/l	100
61) 1,2-Dibromoethane	9.67	107	212100	52.06	ug/l	100
64) Tetrachloroethene	9.34	164	181497	43.59	ug/l	96
65) Chlorobenzene	10.14	112	551699	48.62	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	194291	50.20	ug/l	98
67) Ethyl Benzene	10.25	91	902059	50.20	ug/l	97
68) m/p-Xylenes	10.36	106	721247	102.50	ug/l	97
69) o-Xylene	10.70	106	351589	52.28	ug/l	97
70) Styrene	10.71	104	600738	53.08	ug/l	98
71) Bromoform	10.86	173	157788	51.41	ug/l	97
73) Isopropylbenzene	11.02	105	890864	47.70	ug/l	97
74) N-amyl acetate	6.46	43	433650	49.36	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	310960	47.67	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	286638m	51.79	ug/l	
77) Bromobenzene	11.26	156	253899	49.31	ug/l	100
78) n-propylbenzene	11.36	91	1033647	49.45	ug/l	100
79) 2-Chlorotoluene	11.42	91	628122	49.31	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	751562	49.14	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	93890	52.51	ug/l	98
82) 4-Chlorotoluene	11.51	91	752599	49.98	ug/l	99
83) tert-Butylbenzene	11.77	119	739634	47.97	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	802630	50.67	ug/l	99
85) sec-Butylbenzene	11.94	105	837540	46.41	ug/l	99
86) p-Isopropyltoluene	12.07	119	787636	48.21	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	470403	47.90	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	484445	47.93	ug/l	99
89) n-Butylbenzene	12.39	91	646247	50.20	ug/l	99
90) Hexachloroethane	12.60	117	108301	44.30	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	461639	52.13	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	56772	49.52	ug/l	98

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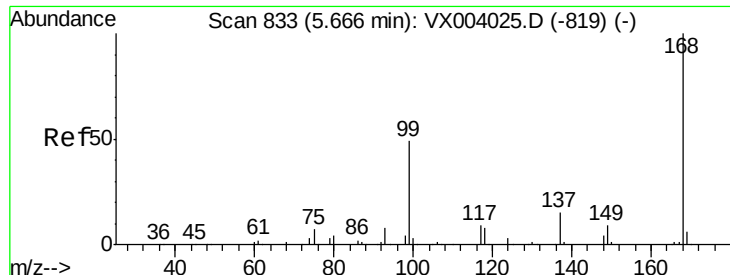
Manual Integrations
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MMDadoda
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	292389	48.30	ug/l	99
94) Hexachlorobutadiene	13.79	225	122131	40.25	ug/l	98
95) Naphthalene	13.83	128	1012998	52.44	ug/l	98
96) 1,2,3-Trichlorobenzene	14.02	180	313493	47.49	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX004028.D

Acq: 14 Aug 2018 13:44

Instrument :

MSVOA_X

ClientSampleId :

ICVVX081418

Tot Ion:168 Resp: 289345

Ion Ratio Lower Upper

168 100

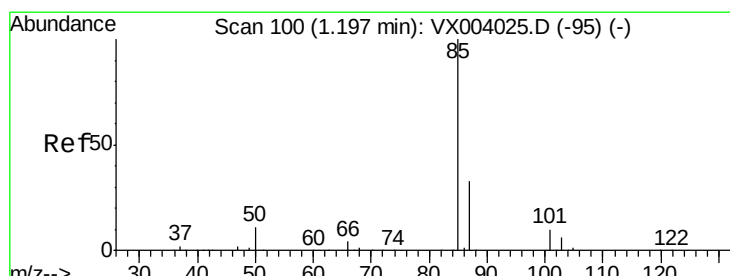
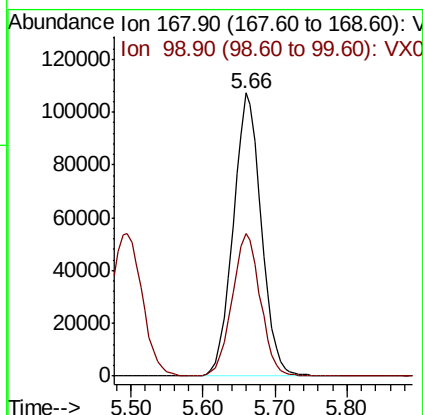
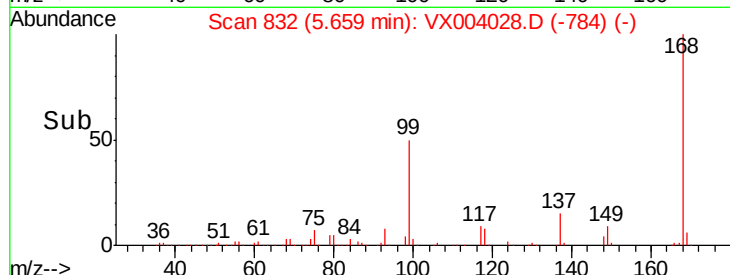
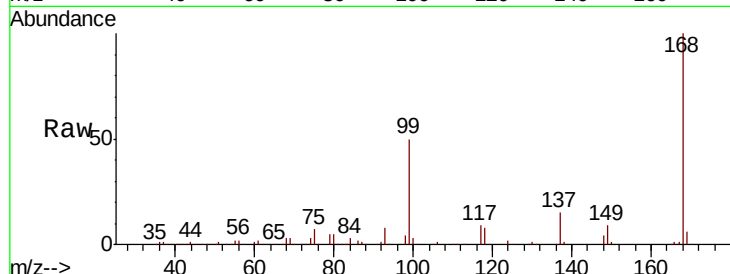
99 50.1 40.1 60.1

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 44.40 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX004028.D

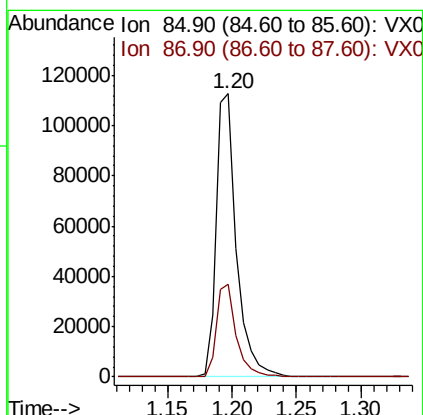
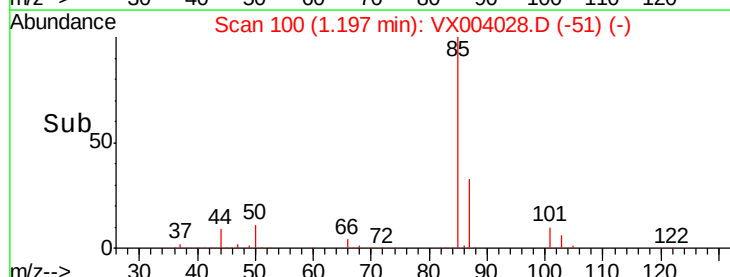
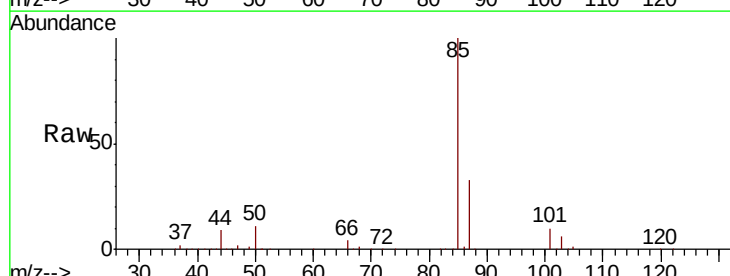
Acq: 14 Aug 2018 13:44

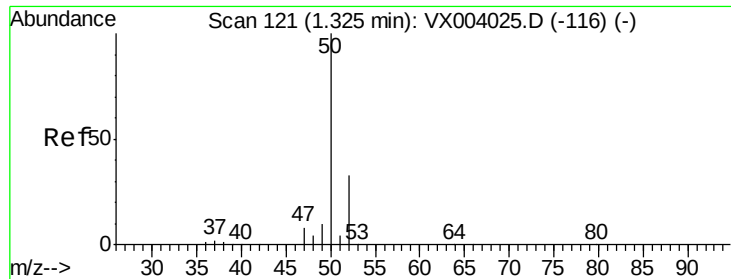
Tgt Ion: 85 Resp: 125065

Ion Ratio Lower Upper

85 100

87 32.5 16.0 48.0





#3

Chloromethane

Concen: 52.12 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX004028.D

Acq: 14 Aug 2018 13:44

Instrument :

MSVOA_X

ClientSampleId :

ICVVX081418

Tot Ion: 50 Resp: 180137

Ion Ratio Lower Upper

50 100

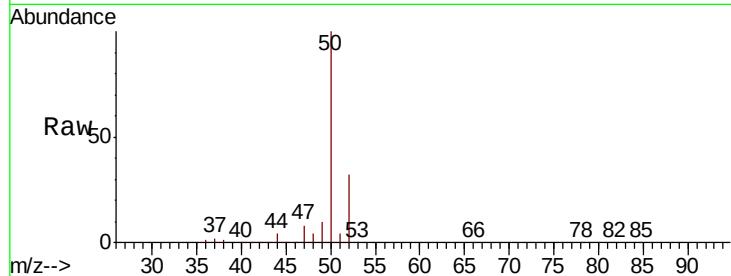
52 32.4 26.6 39.8

Manual Integrations

APPROVED

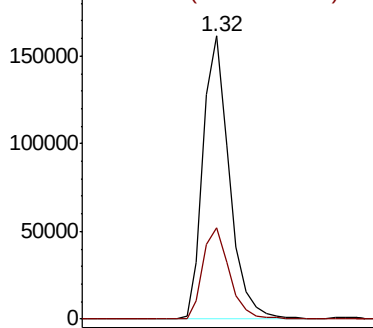
MMDadoda

8/28/2018 5:39:59 PM

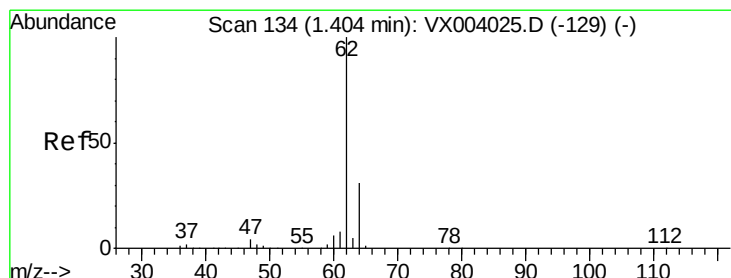
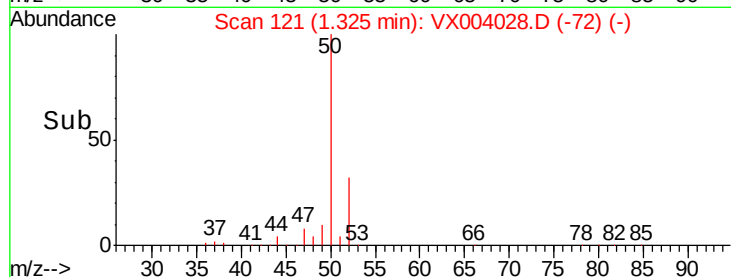


Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



Time-->



#4

Vinyl Chloride

Concen: 46.78 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX004028.D

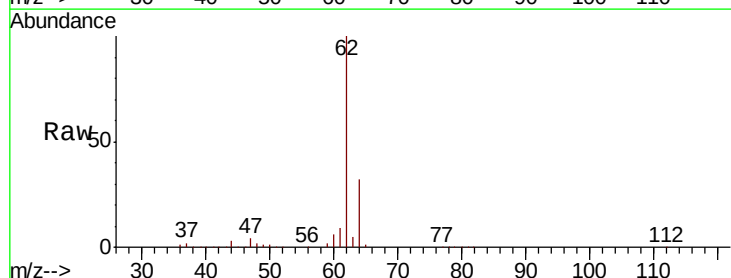
Acq: 14 Aug 2018 13:44

Tgt Ion: 62 Resp: 174946

Ion Ratio Lower Upper

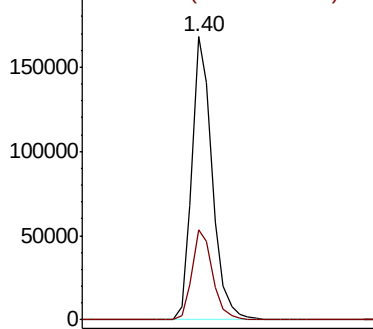
62 100

64 31.9 26.0 39.0

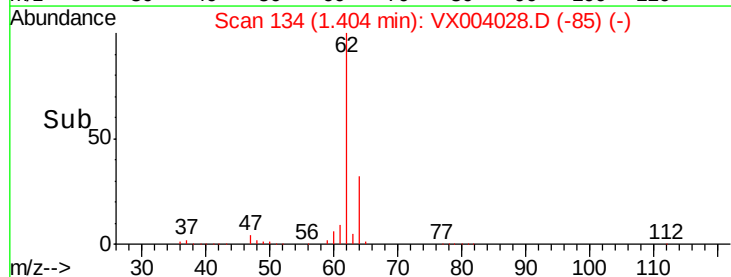


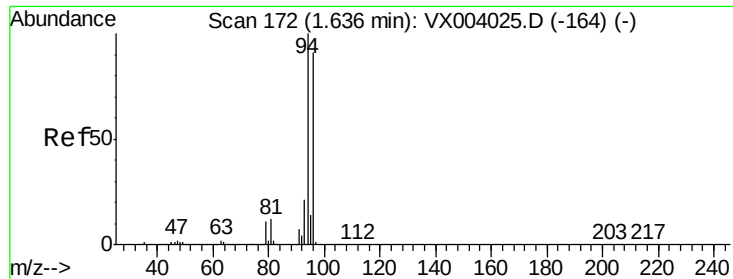
Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



Time-->





#5

Bromomethane

Concen: 58.43 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX004028.D

Acq: 14 Aug 2018 13:44

Instrument :

MSVOA_X

ClientSampleId :

ICVVX081418

Tot Ion: 94 Resp: 110670

Ion Ratio Lower Upper

94 100

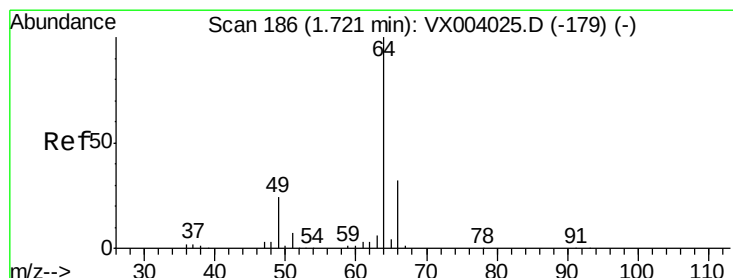
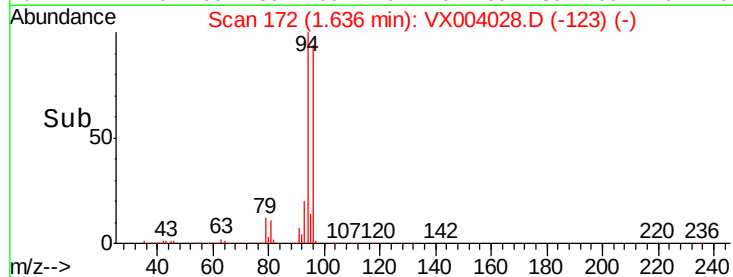
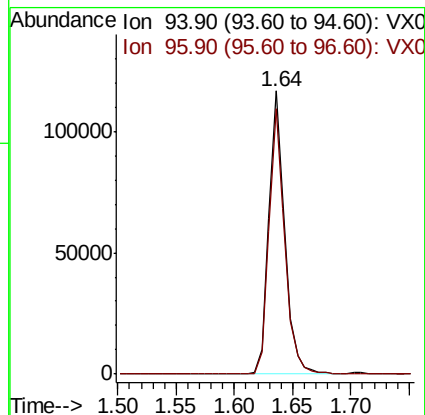
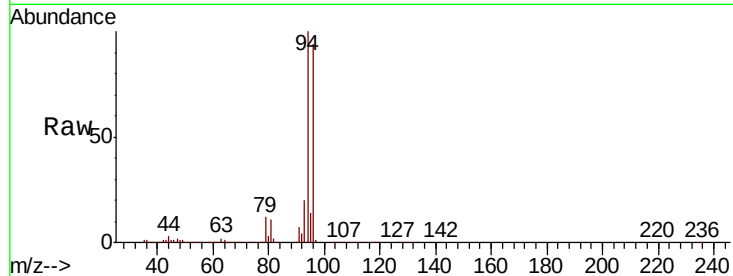
96 93.9 75.2 112.8

Manual Integrations

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#6

Chloroethane

Concen: 51.11 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX004028.D

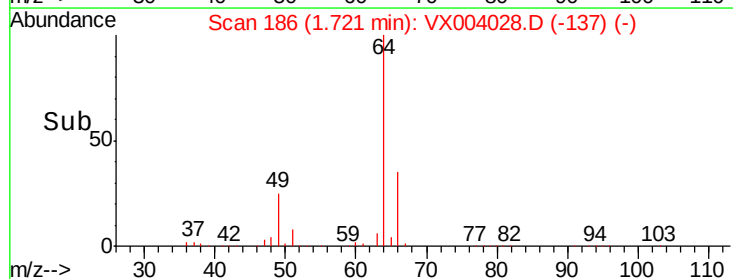
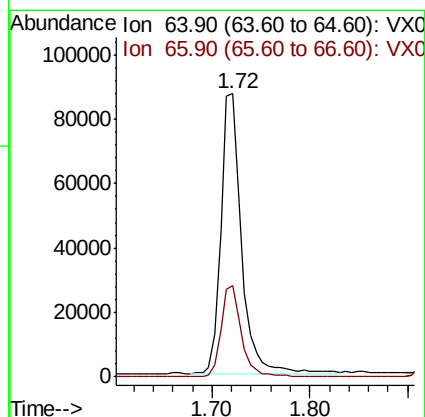
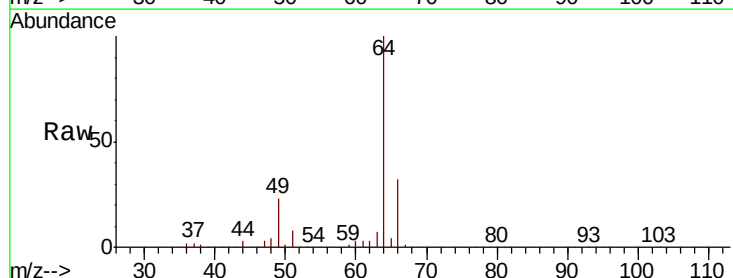
Acq: 14 Aug 2018 13:44

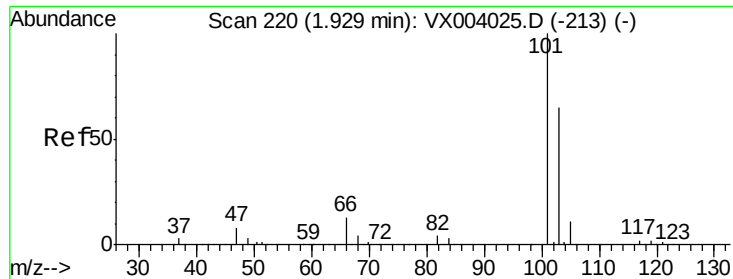
Tgt Ion: 64 Resp: 125639

Ion Ratio Lower Upper

64 100

66 32.3 26.5 39.7





#7

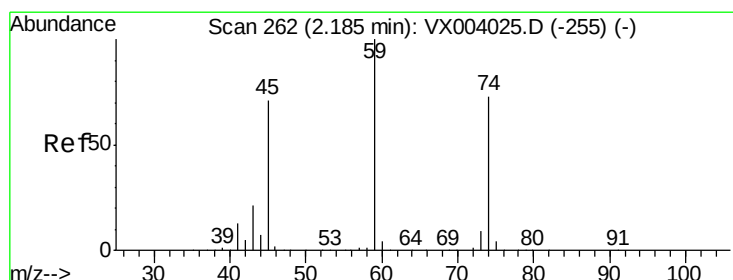
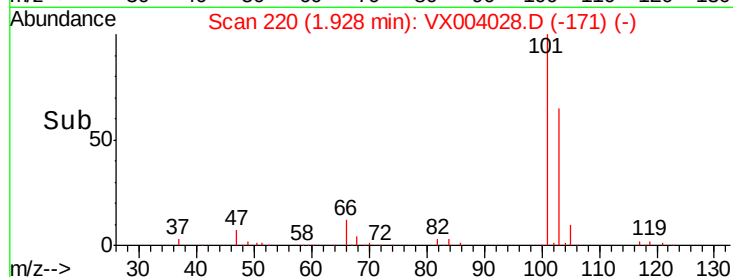
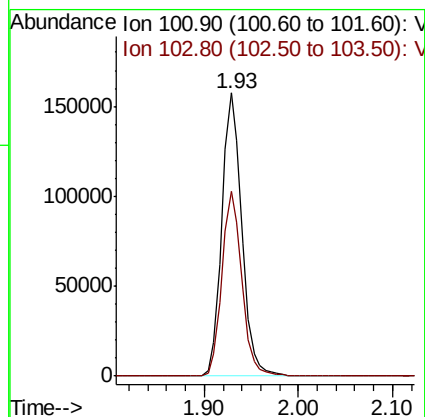
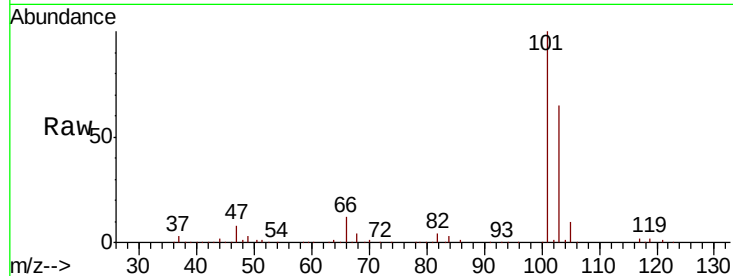
Trichlorofluoromethane
Concen: 44.19 ug/l
RT: 1.93 min Scan# 220
Delta R.T. -0.00 min
Lab File: VX004028.D
Acq: 14 Aug 2018 13:44

Instrument :
MSVOA_X
ClientSampleId :
ICVVX081418

Tot Ion	Ratio	Resp	Lower	Upper
101	100	231821		
103	65.4	52.3	78.5	

Manual Integrations
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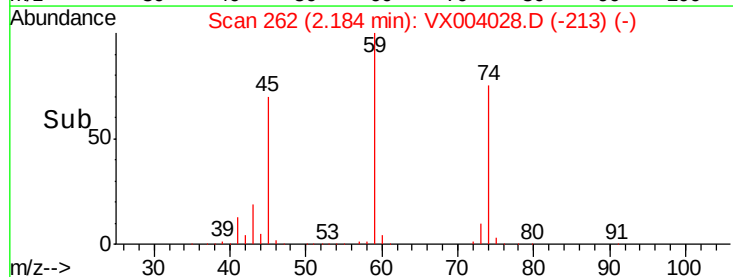
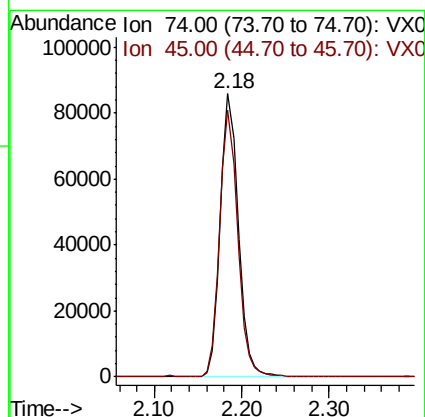
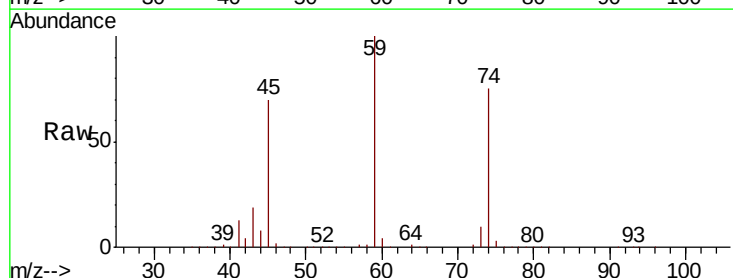
MMDadoda
8/28/2018 5:39:59 PM

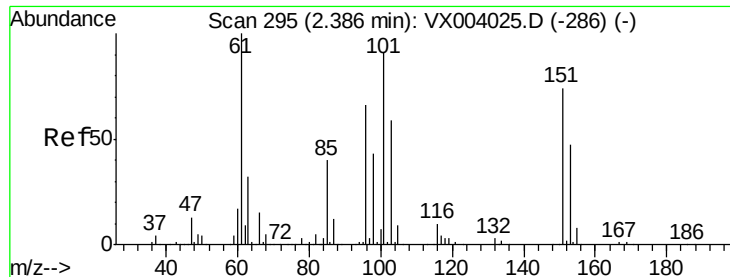


#8

Diethyl Ether
Concen: 53.62 ug/l
RT: 2.18 min Scan# 262
Delta R.T. -0.00 min
Lab File: VX004028.D
Acq: 14 Aug 2018 13:44

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	122804		
45	94.2	48.3	144.9	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 42.66 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX004028.D

Acq: 14 Aug 2018 13:44

Instrument :

MSVOA_X

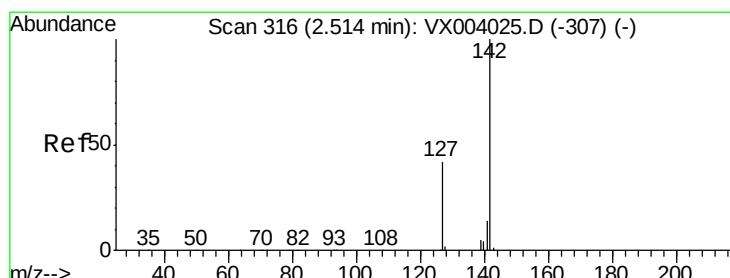
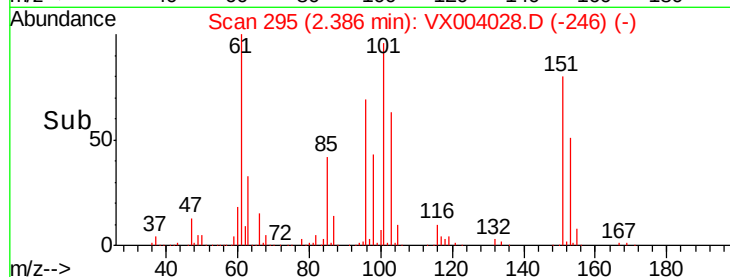
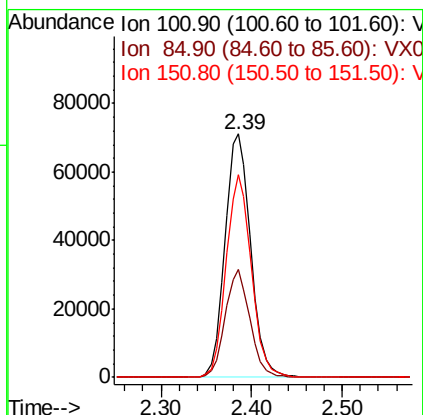
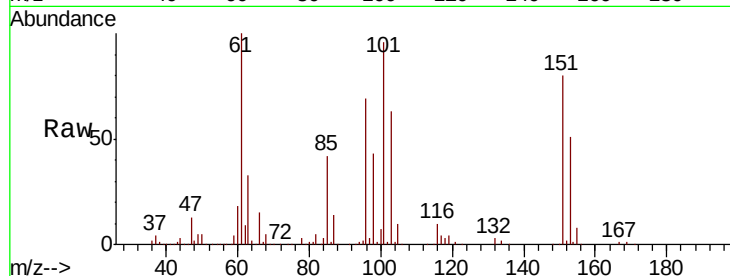
ClientSampleId :

ICVVX081418

Tot Ion:	101	Resp:	139618
Ion Ratio	Lower	Upper	
101	100		
85	42.5	34.2	51.4
151	81.8	65.0	97.4

Manual Integrations
APPROVED

MMDadoda
8/28/2018 5:39:59 PM



#10

Methyl Iodide

Concen: 48.28 ug/l

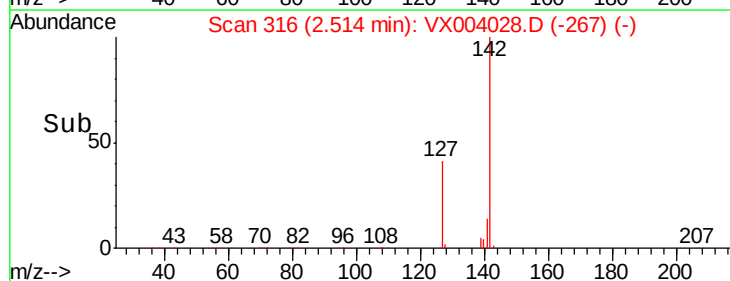
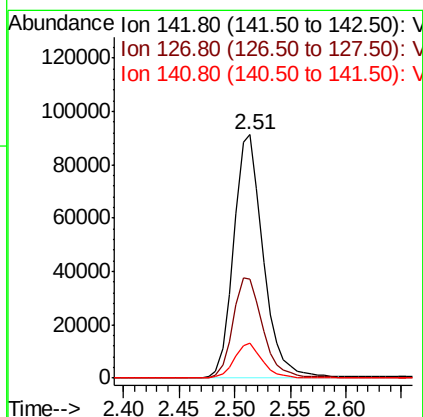
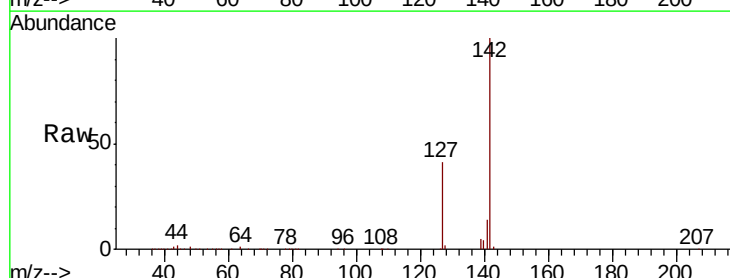
RT: 2.51 min Scan# 316

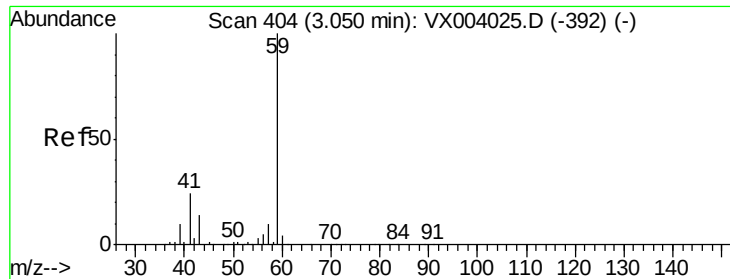
Delta R.T. 0.00 min

Lab File: VX004028.D

Acq: 14 Aug 2018 13:44

Tgt Ion:	142	Resp:	168086
Ion Ratio	Lower	Upper	
142	100		
127	42.0	33.1	49.7
141	13.9	11.1	16.7





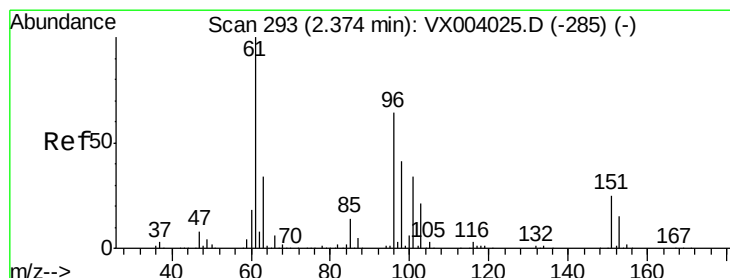
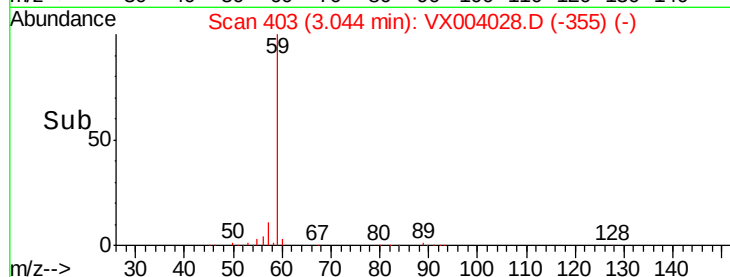
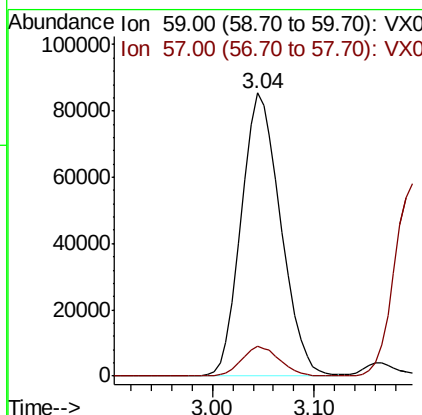
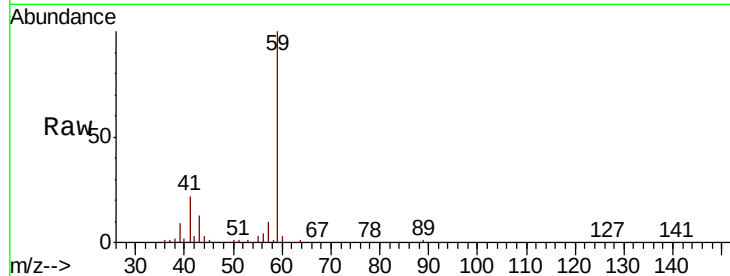
#11
Tert butyl alcohol
Concen: 279.76 ug/l
RT: 3.04 min Scan# 403
Delta R.T. -0.01 min
Lab File: VX004028.D
Acq: 14 Aug 2018 13:44

Instrument :
MSVOA_X
ClientSampleId :
ICVVX081418

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.1	12.1

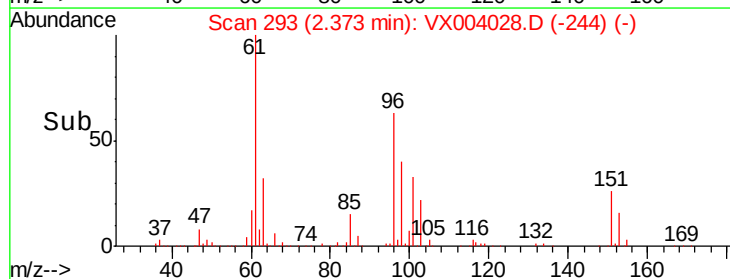
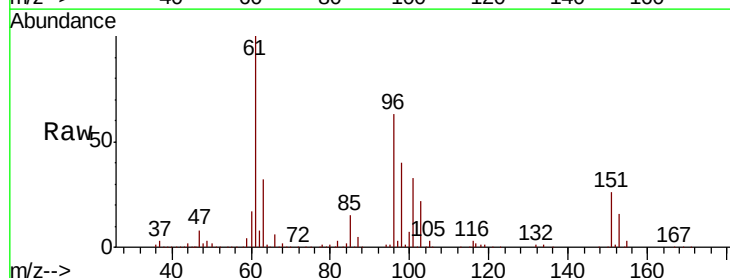
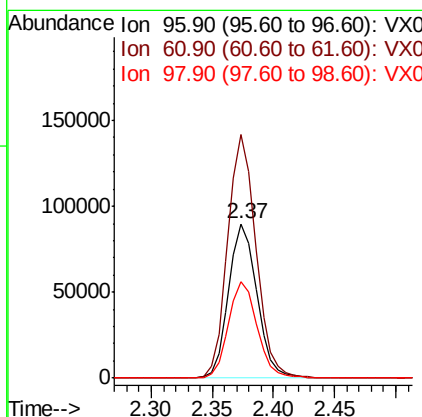
Manual Integrations
APPROVED

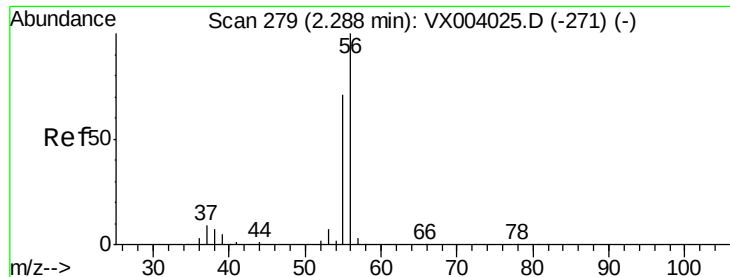
MMDadoda
8/28/2018 5:39:59 PM



#12
1,1-Dichloroethene
Concen: 47.31 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX004028.D
Acq: 14 Aug 2018 13:44

Tgt Ion	Ratio	Lower	Upper
96	100		
61	157.7	131.3	196.9
98	62.7	51.8	77.6





#13

Acrolein

Concen: 265.13 ug/l

RT: 2.29 min Scan# 279

Delta R.T. 0.00 min

Lab File: VX004028.D

Acq: 14 Aug 2018 13:44

Instrument :

MSVOA_X

ClientSampled :

ICVVX081418

Tot Ion: 56 Resp: 148059

Ion Ratio Lower Upper

56 100

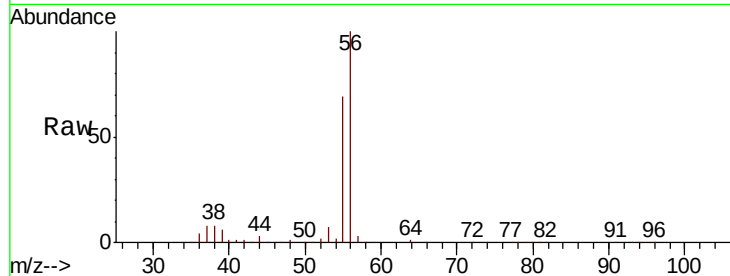
55 69.7 56.1 84.1

Manual Integrations

APPROVED

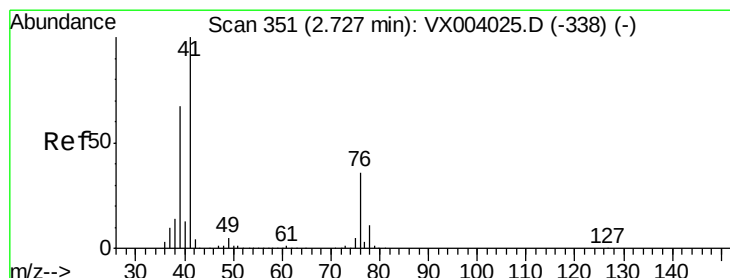
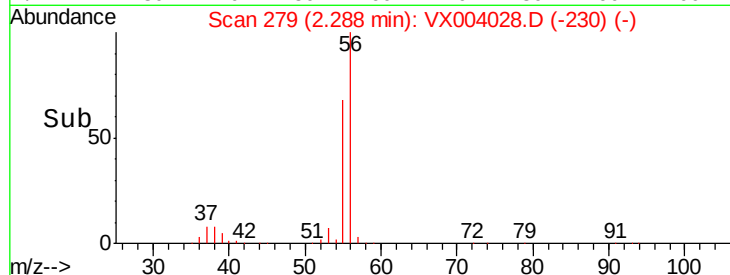
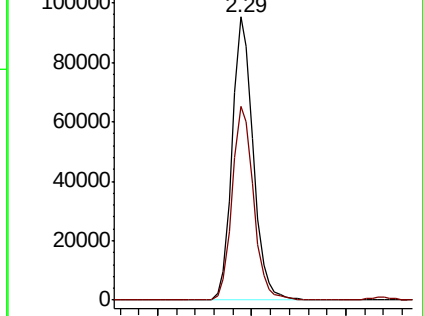
MMDadoda

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 50.09 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX004028.D

Acq: 14 Aug 2018 13:44

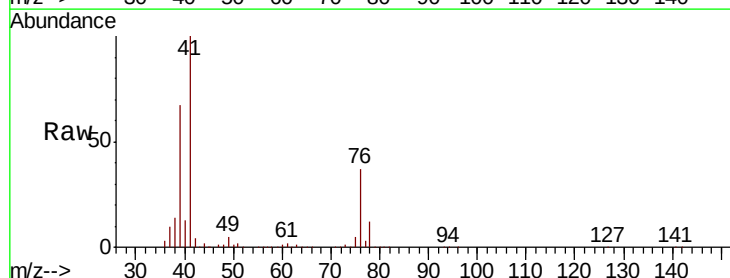
Tgt Ion: 41 Resp: 290113

Ion Ratio Lower Upper

41 100

39 62.3 47.4 71.0

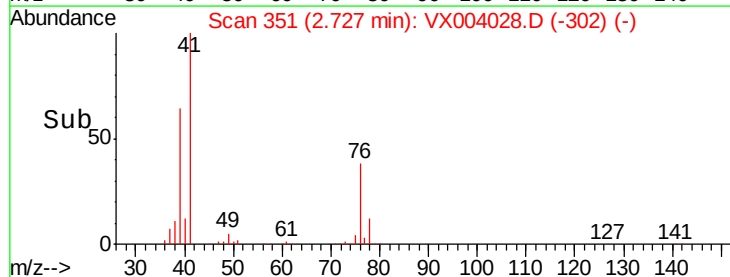
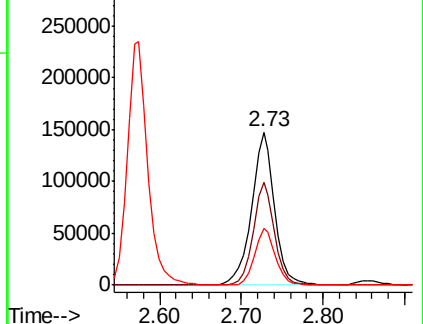
76 33.4 26.0 39.0

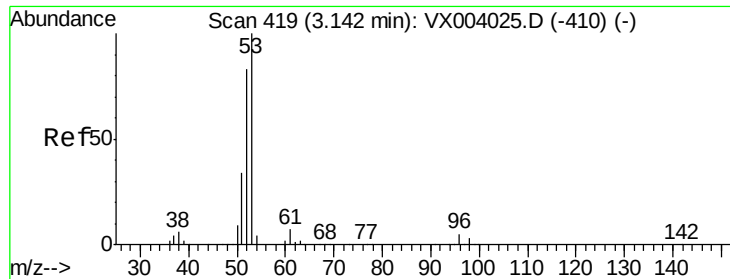


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 270.63 ug/l

RT: 3.14 min Scan# 419

Delta R.T. -0.00 min

Lab File: VX004028.D

Acq: 14 Aug 2018 13:44

Instrument :

MSVOA_X

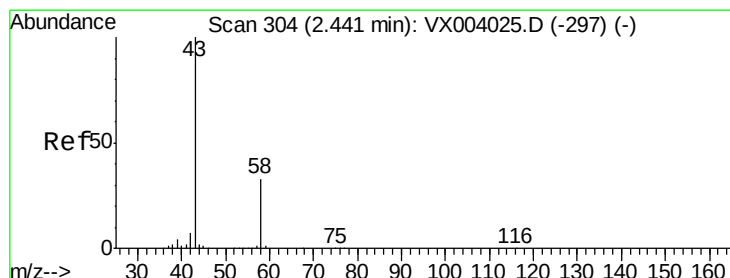
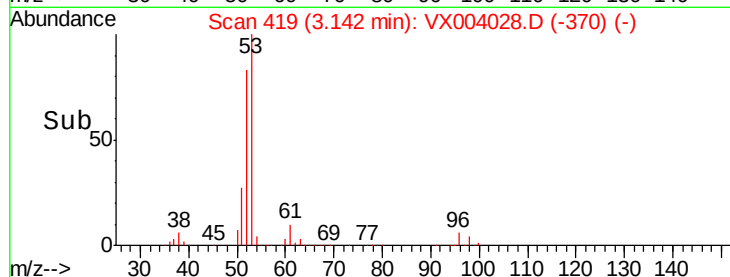
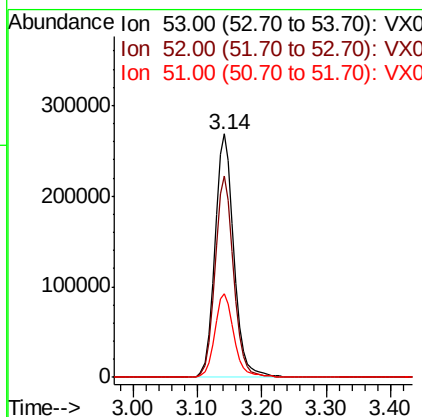
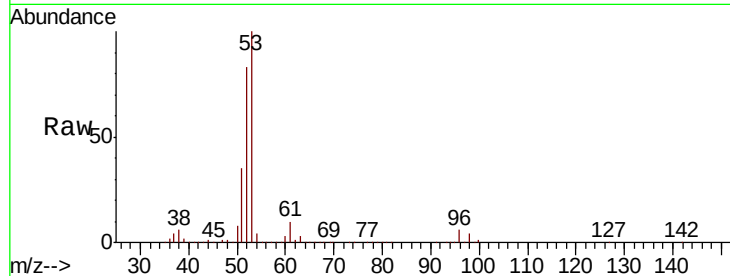
ClientSampleId :

ICVVX081418

Tot Ion:	53	Resp:	553938
Ion Ratio	Lower	Upper	
53	100		
52	81.4	65.3	97.9
51	34.9	27.9	41.9

Manual Integrations
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#16

Acetone

Concen: 248.88 ug/l

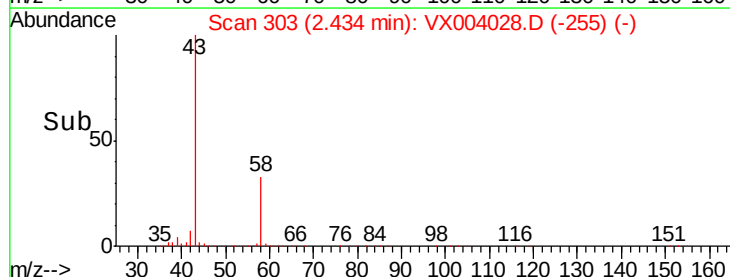
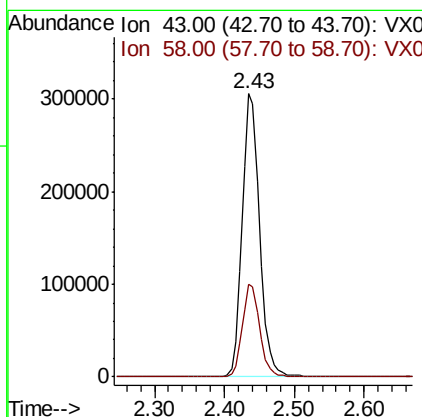
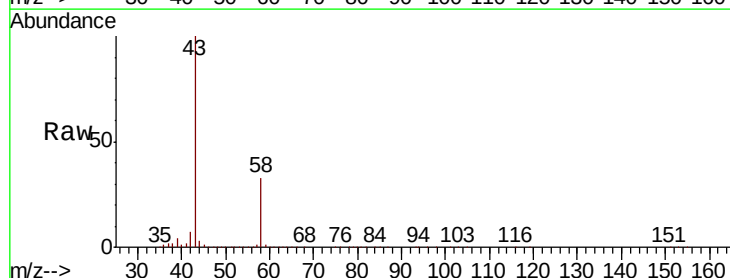
RT: 2.43 min Scan# 303

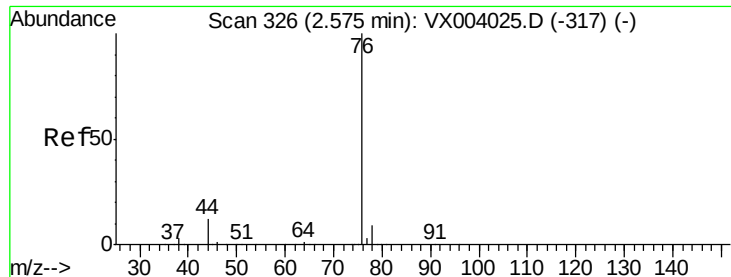
Delta R.T. -0.01 min

Lab File: VX004028.D

Acq: 14 Aug 2018 13:44

Tgt Ion:	43	Resp:	527520
Ion Ratio	Lower	Upper	
43	100		
58	32.6	26.4	39.6





#17

Carbon Disulfide

Concen: 47.91 ug/l

RT: 2.57 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX004028.D

Acq: 14 Aug 2018 13:44

Instrument :

MSVOA_X

ClientSampled :

ICVVX081418

Tot Ion: 76 Resp: 413600

Ion Ratio Lower Upper

76 100

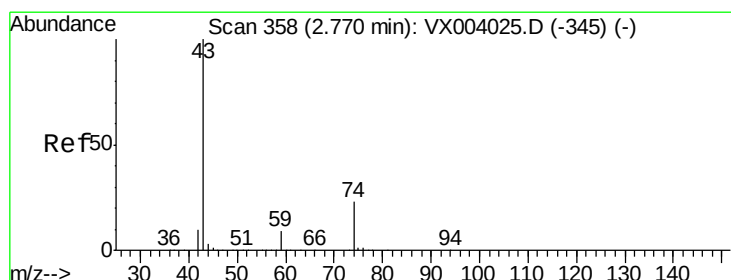
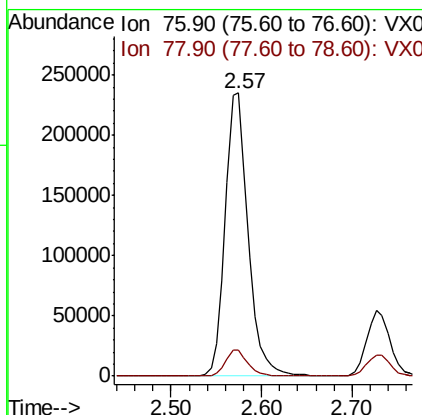
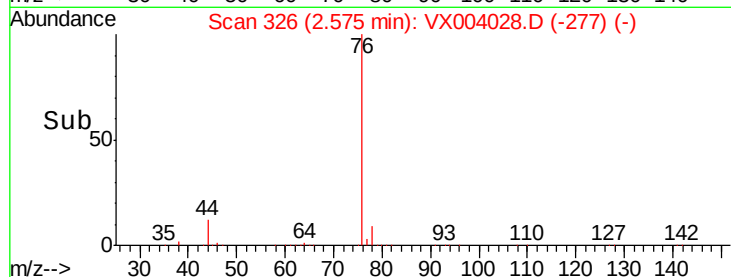
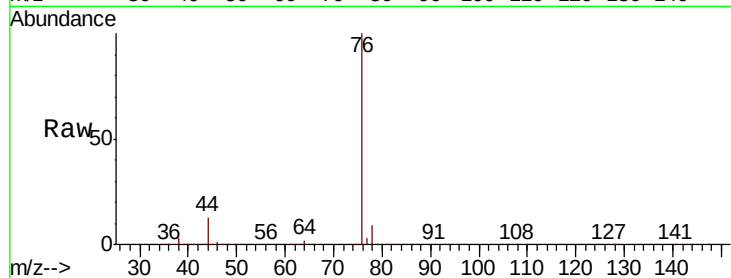
78 9.2 7.5 11.3

Manual Integrations

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#18

Methyl Acetate

Concen: 50.51 ug/l

RT: 2.77 min Scan# 358

Delta R.T. -0.00 min

Lab File: VX004028.D

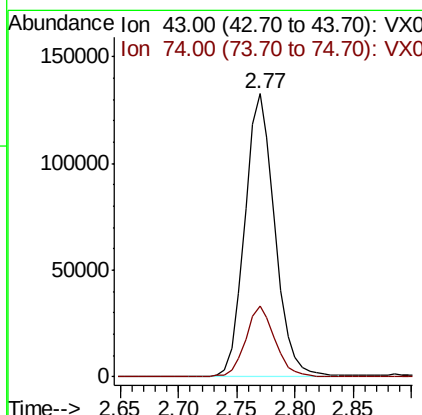
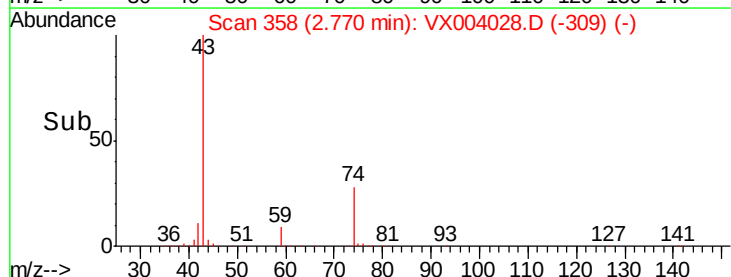
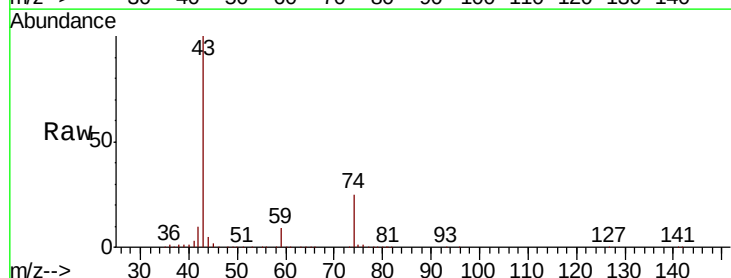
Acq: 14 Aug 2018 13:44

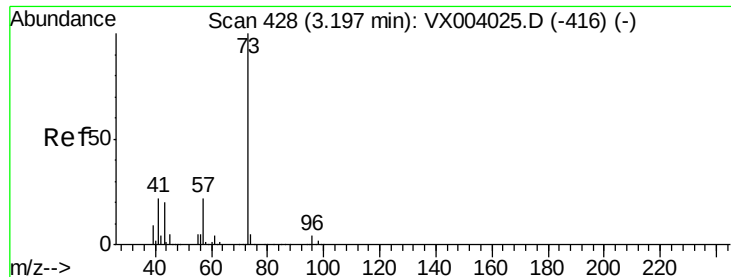
Tgt Ion: 43 Resp: 237928

Ion Ratio Lower Upper

43 100

74 24.7 18.9 28.3





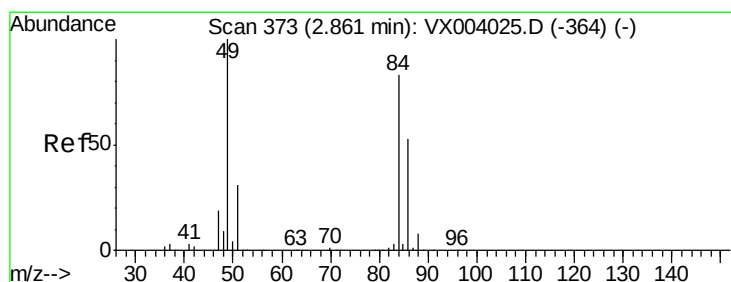
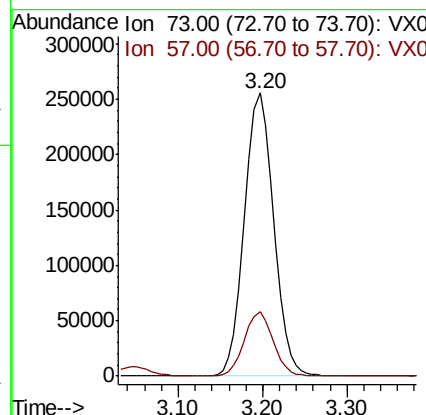
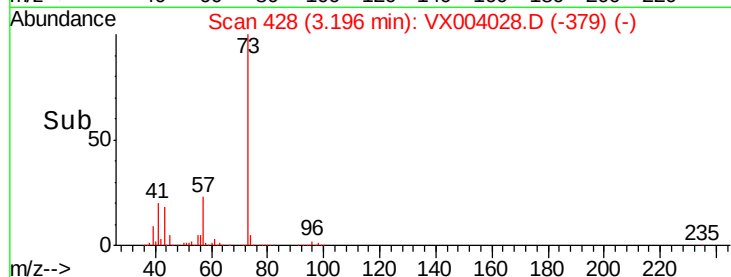
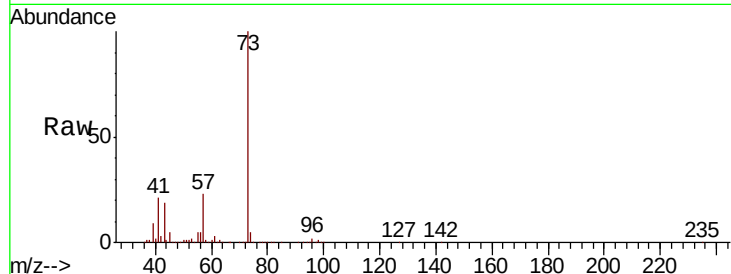
#19
Methyl tert-butyl Ether
Concen: 55.91 ug/l
RT: 3.20 min Scan# 428
Delta R.T. -0.00 min
Lab File: VX004028.D
Acq: 14 Aug 2018 13:44

Instrument :
MSVOA_X
ClientSampled :
ICVVX081418

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.7	18.0	27.0

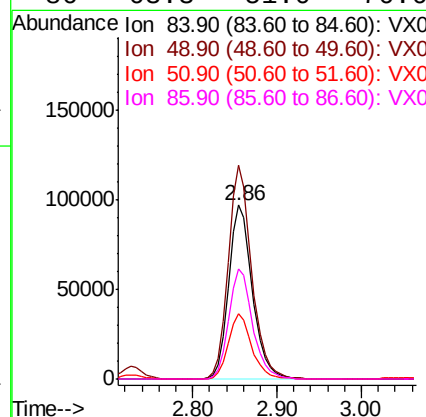
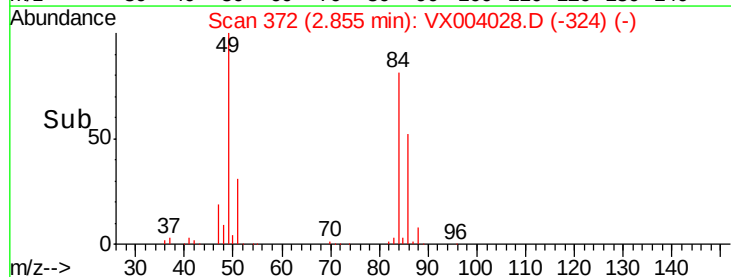
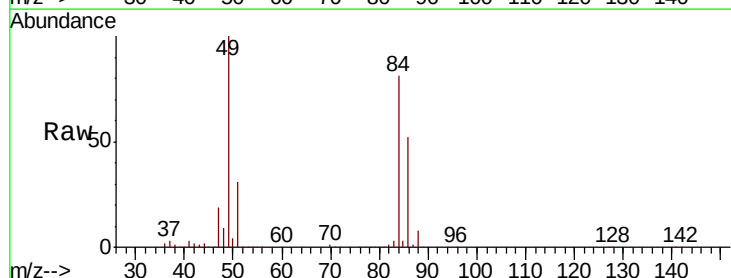
Manual Integrations
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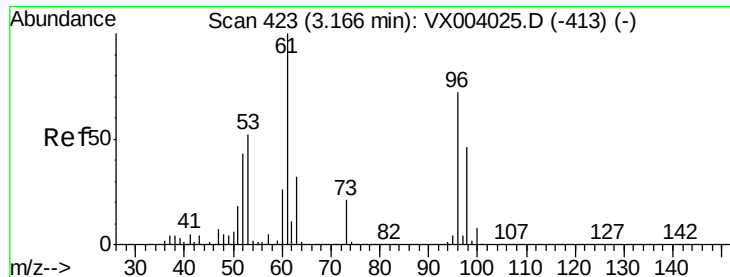
MMDadoda
8/28/2018 5:39:59 PM



#20
Methylene Chloride
Concen: 54.10 ug/l
RT: 2.86 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX004028.D
Acq: 14 Aug 2018 13:44

Tgt Ion	Ratio	Lower	Upper
84	100		
49	122.7	98.9	148.3
51	37.7	29.9	44.9
86	63.3	51.0	76.6





#21

trans-1,2-Dichloroethene

Concen: 50.38 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX004028.D

Acq: 14 Aug 2018 13:44

Instrument :

MSVOA_X

ClientSampleId :

ICVVX081418

Tot Ion: 96 Resp: 174162

Ion Ratio Lower Upper

96 100

61 138.4 111.8 167.6

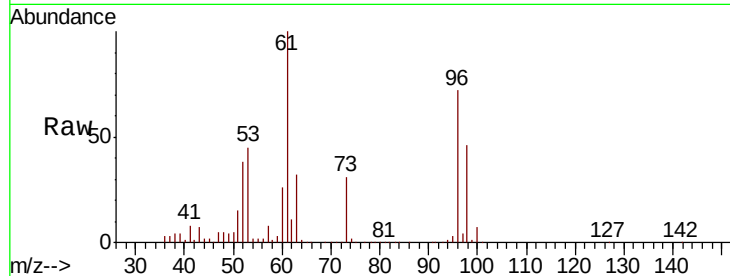
98 63.7 51.8 77.6

Manual Integrations

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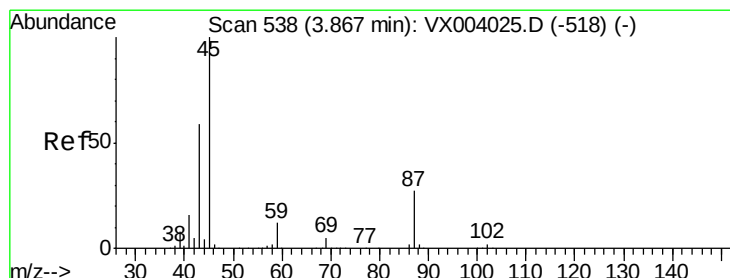
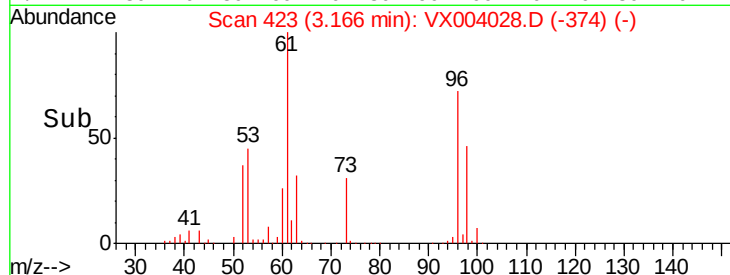
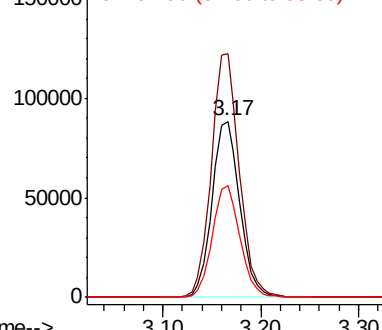


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 52.19 ug/l

RT: 3.86 min Scan# 537

Delta R.T. -0.01 min

Lab File: VX004028.D

Acq: 14 Aug 2018 13:44

Tgt Ion: 45 Resp: 592359

Ion Ratio Lower Upper

45 100

43 62.4 45.3 67.9

87 28.2 22.7 34.1

59 12.1 9.6 14.4

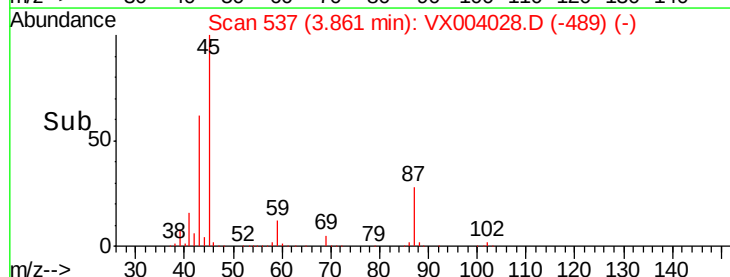
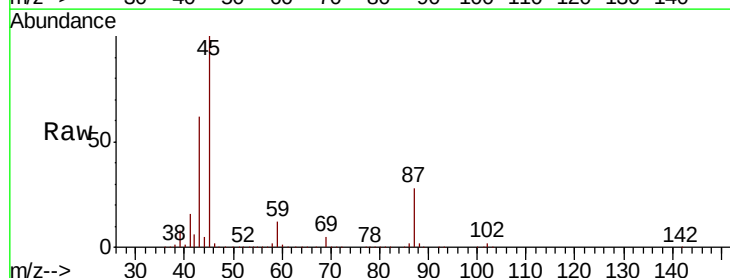
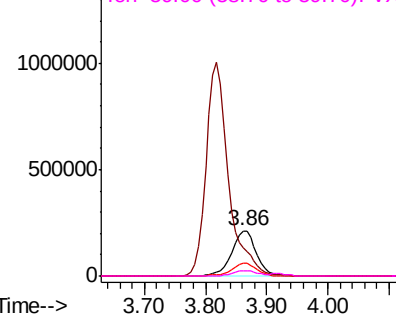
Abundance

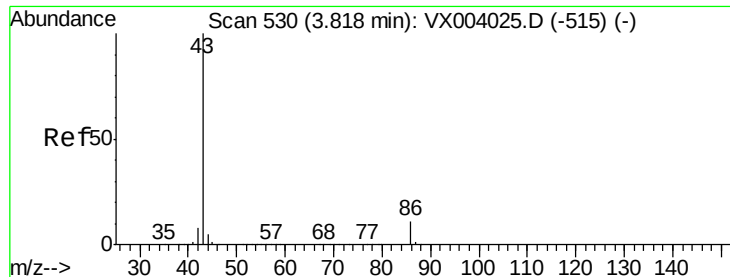
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 276.14 ug/l

RT: 3.82 min Scan# 530

Delta R.T. -0.00 min

Lab File: VX004028.D

Acq: 14 Aug 2018 13:44

Instrument :

MSVOA_X

ClientSampleId :

ICVVX081418

Tot Ion: 43 Resp: 2574016

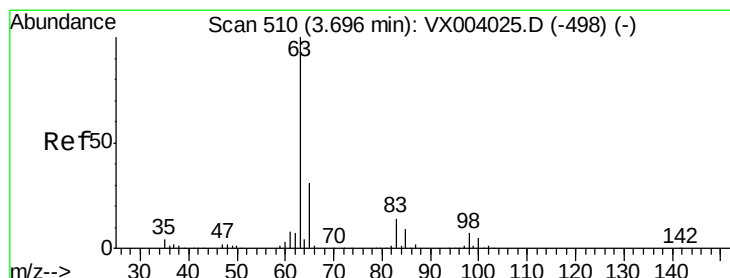
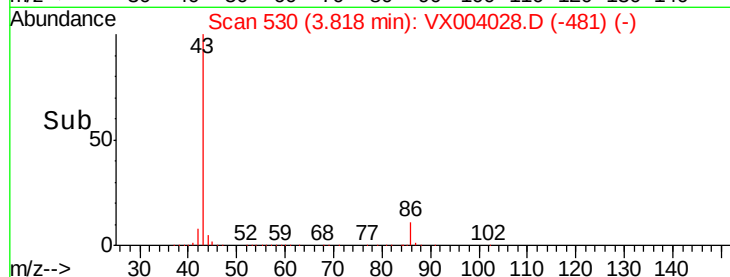
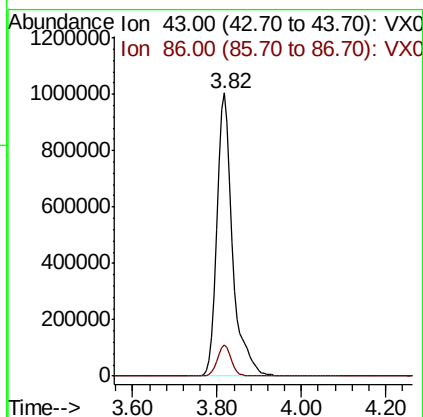
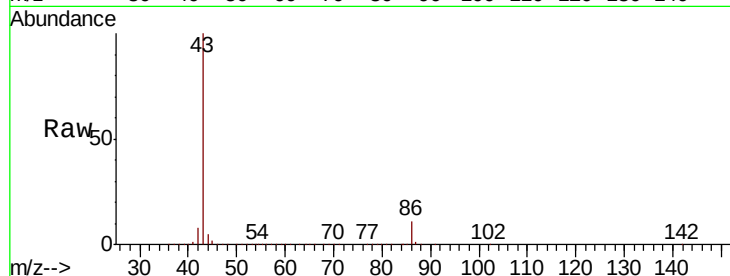
Ion Ratio Lower Upper

43 100

86 11.2 8.9 13.3

Manual Integrations
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MMDadoda
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#24

1,1-Dichloroethane

Concen: 51.92 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX004028.D

Acq: 14 Aug 2018 13:44

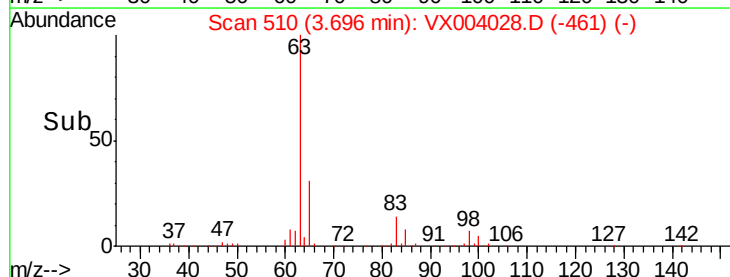
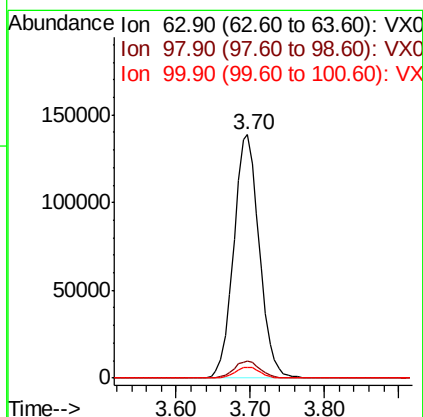
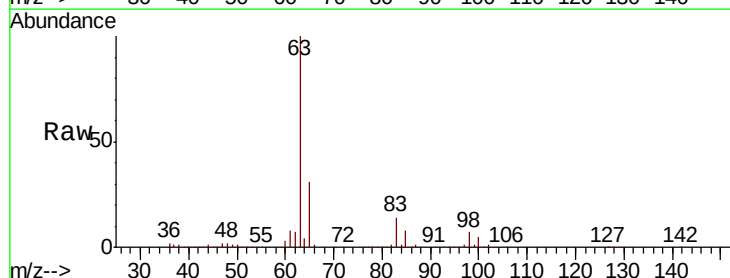
Tgt Ion: 63 Resp: 333769

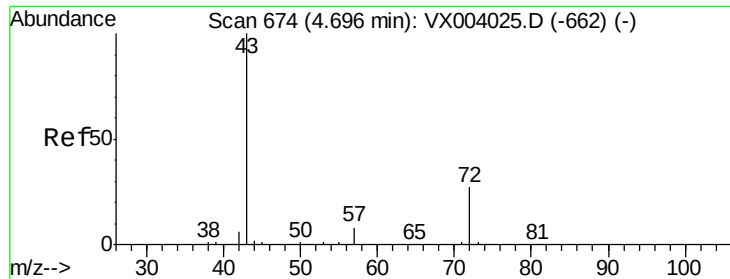
Ion Ratio Lower Upper

63 100

98 7.2 3.5 10.5

100 4.6 2.3 6.8





#25

2-Butanone

Concen: 251.14 ug/l

RT: 4.70 min Scan# 674

Delta R.T. -0.00 min

Lab File: VX004028.D

Acq: 14 Aug 2018 13:44

Instrument :

MSVOA_X

ClientSampleId :

ICVVX081418

Tot Ion: 43 Resp: 866109

Ion Ratio Lower Upper

43 100

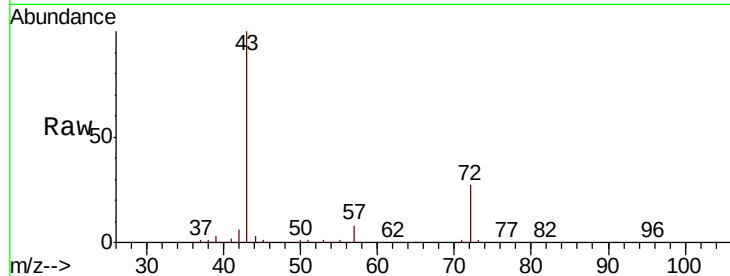
72 27.1 21.4 32.0

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

300000

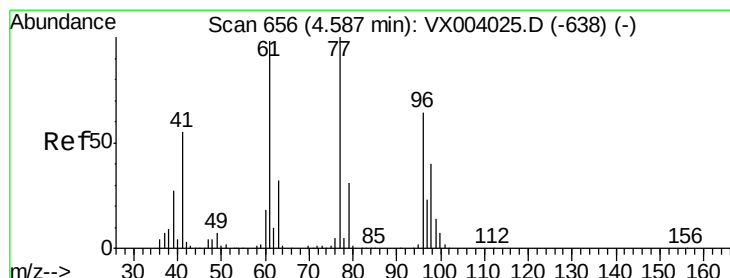
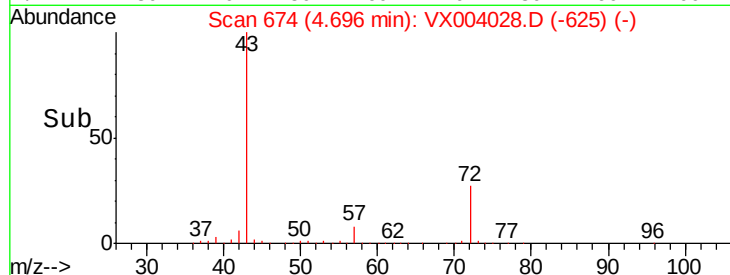
200000

100000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 46.68 ug/l

RT: 4.58 min Scan# 655

Delta R.T. -0.01 min

Lab File: VX004028.D

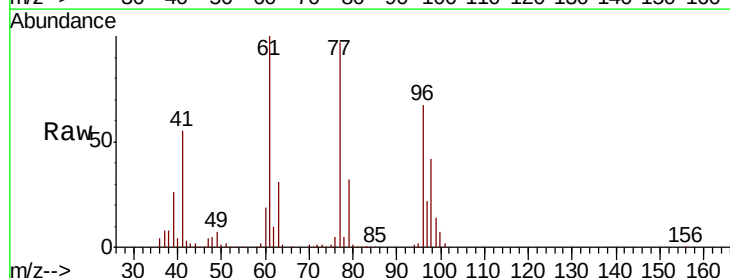
Acq: 14 Aug 2018 13:44

Tgt Ion: 77 Resp: 238565

Ion Ratio Lower Upper

77 100

97 23.5 11.9 35.9



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

80000

60000

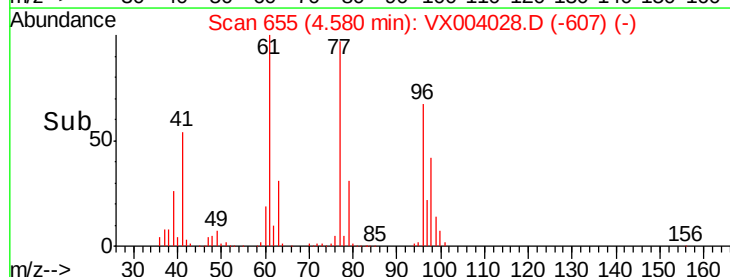
40000

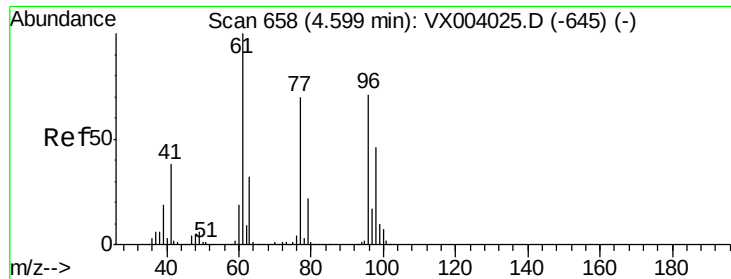
20000

0

4.40 4.50 4.60 4.70

Time-->





#27

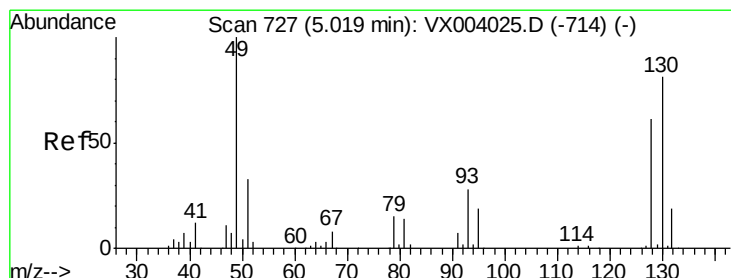
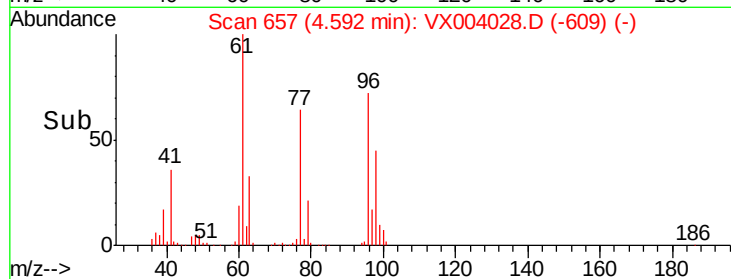
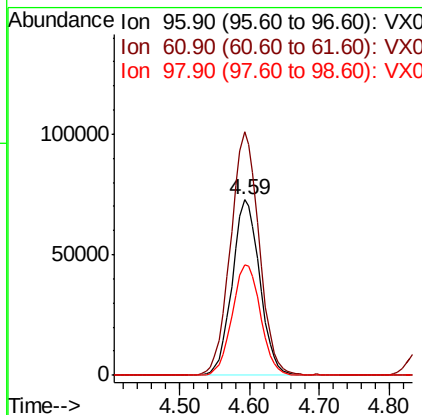
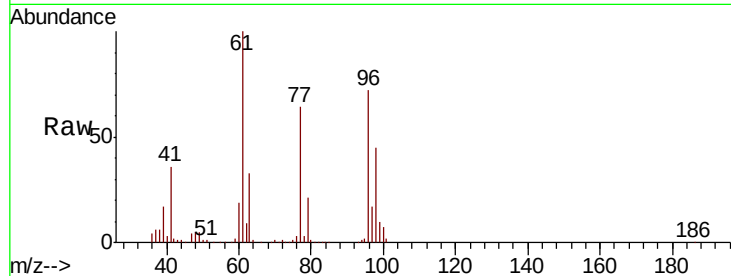
cis-1,2-Dichloroethene
Concen: 51.34 ug/l
RT: 4.59 min Scan# 657
Delta R.T. -0.01 min
Lab File: VX004028.D
Acq: 14 Aug 2018 13:44

Instrument :
MSVOA_X
ClientSampleId :
ICVVX081418

Tot Ion	Ratio	Resp	Lower	Upper
96	100	199570		
61	144.1	0.0	293.0	
98	64.7	0.0	131.8	

Manual Integrations
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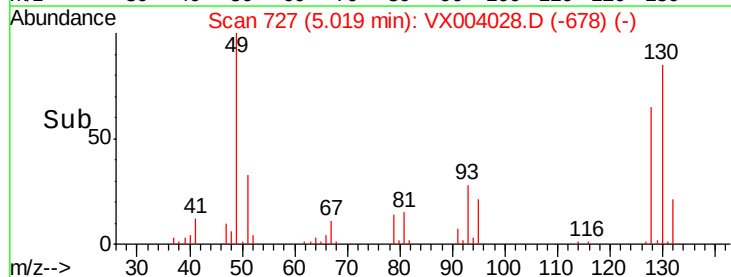
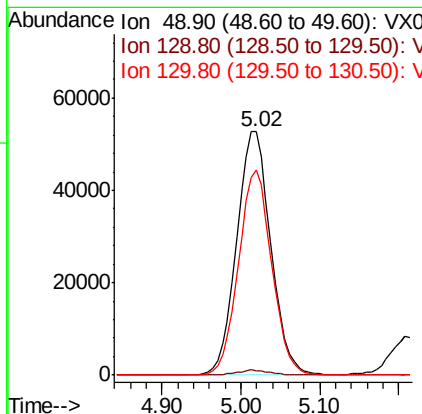
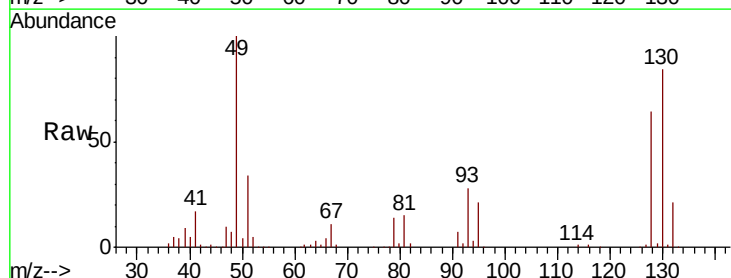
MMDadoda
8/28/2018 5:39:59 PM

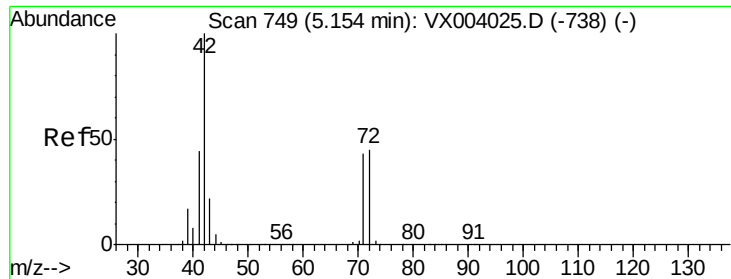


#28

Bromochloromethane
Concen: 53.90 ug/l
RT: 5.02 min Scan# 727
Delta R.T. -0.00 min
Lab File: VX004028.D
Acq: 14 Aug 2018 13:44

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	158979		
129	2.0	0.0	4.2	
130	81.9	66.5	99.7	





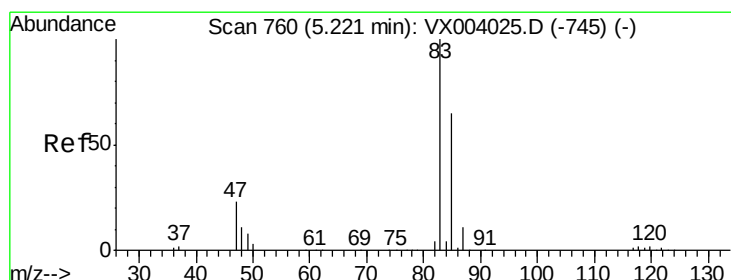
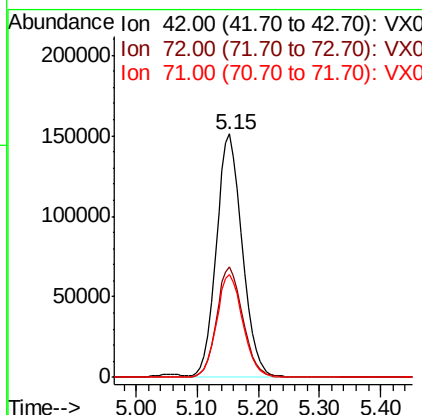
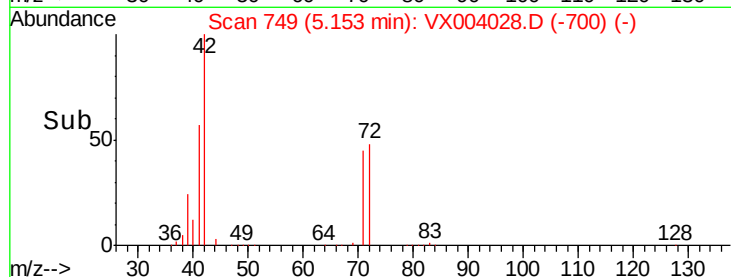
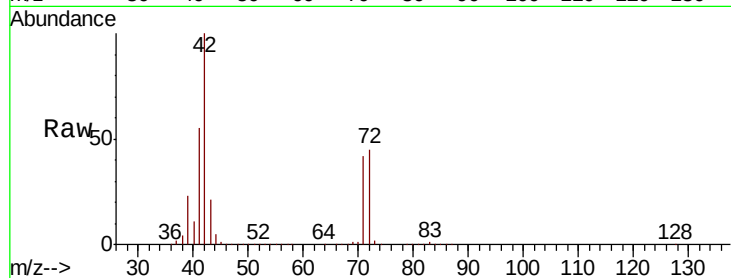
#29
Tetrahydrofuran
Concen: 252.62 ug/l
RT: 5.15 min Scan# 749
Delta R.T. -0.00 min
Lab File: VX004028.D
Acq: 14 Aug 2018 13:44

Instrument :
MSVOA_X
ClientSampleId :
ICVVX081418

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.1	37.7	56.5
71	42.7	35.0	52.6

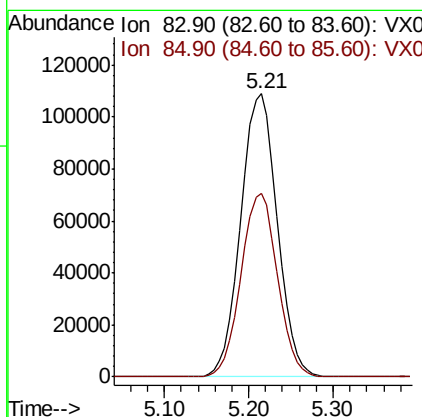
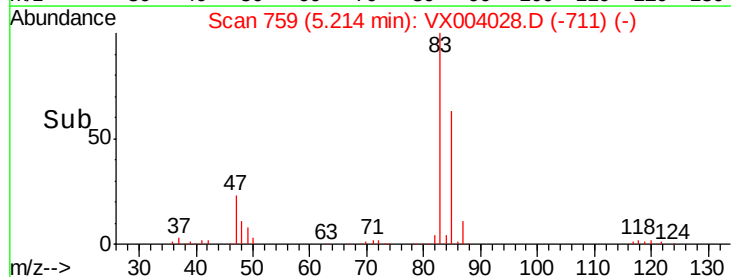
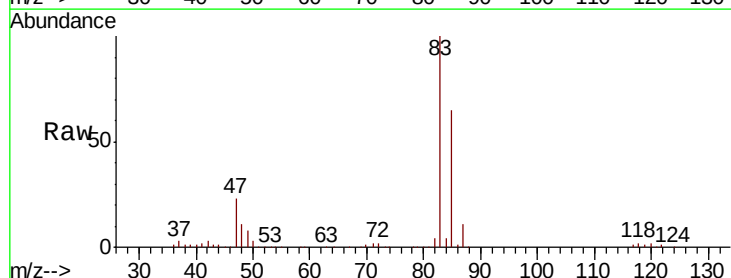
Manual Integrations
APPROVED

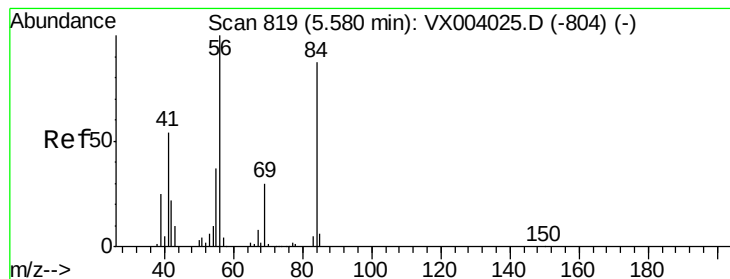
MMDadoda
8/28/2018 5:39:59 PM



#30
Chloroform
Concen: 51.04 ug/l
RT: 5.21 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX004028.D
Acq: 14 Aug 2018 13:44

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.0	50.7	76.1





#31

Cyclohexane

Concen: 42.77 ug/l

RT: 5.57 min Scan# 817

Delta R.T. -0.01 min

Lab File: VX004028.D

Acq: 14 Aug 2018 13:44

Instrument :

MSVOA_X

ClientSampleId :

ICVX081418

Tot Ion: 56 Resp: 241007

Ion Ratio Lower Upper

56 100

69 29.7 24.9 37.3

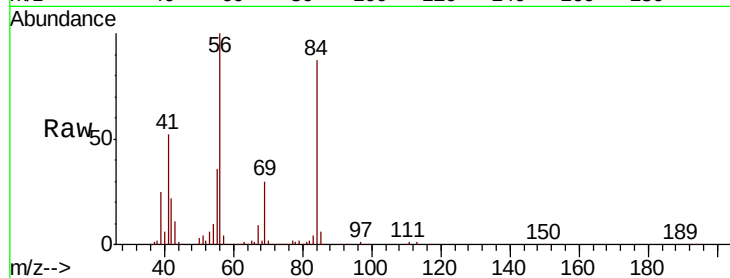
84 85.1 71.7 107.5

Manual Integrations

APPROVED

MMDadoda

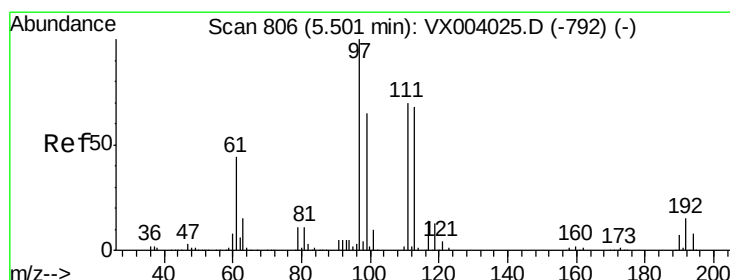
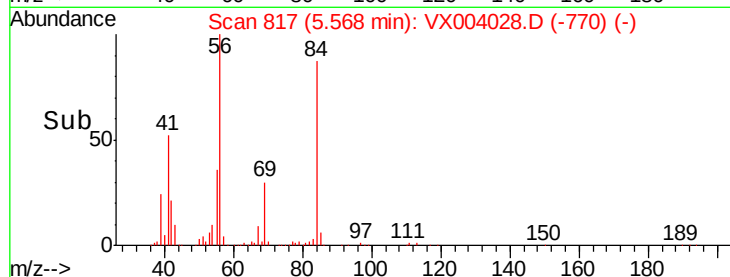
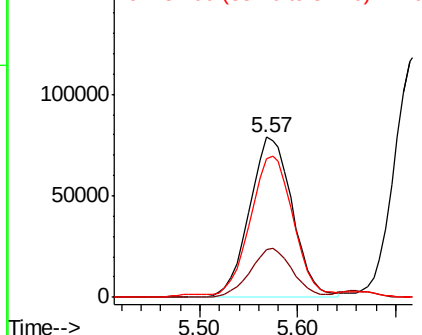
8/28/2018 5:39:59 PM



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 48.84 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX004028.D

Acq: 14 Aug 2018 13:44

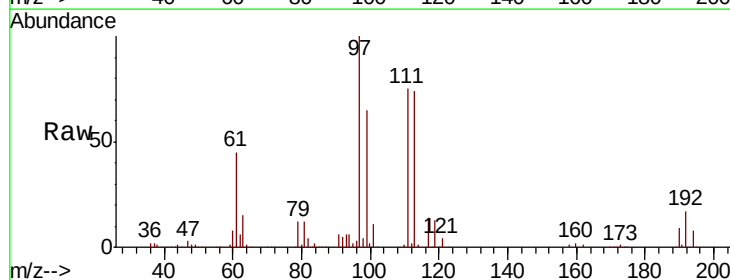
Tgt Ion: 97 Resp: 256045

Ion Ratio Lower Upper

97 100

99 64.9 51.8 77.8

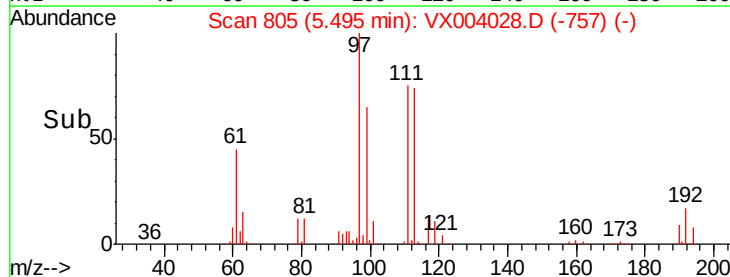
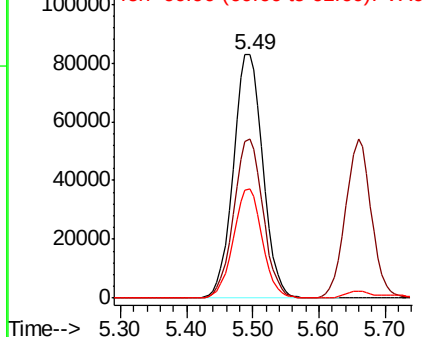
61 44.0 34.4 51.6

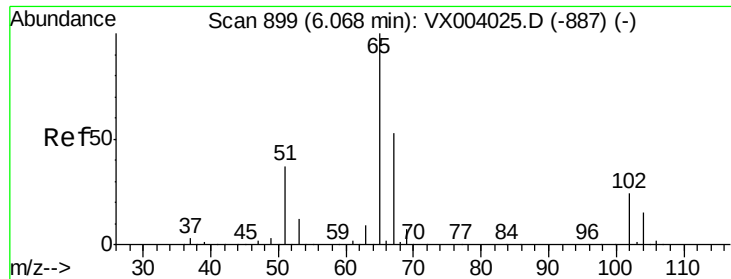


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





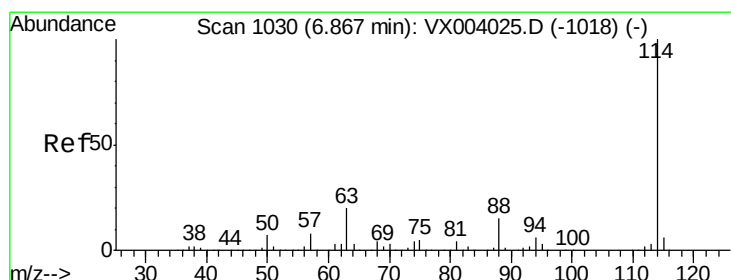
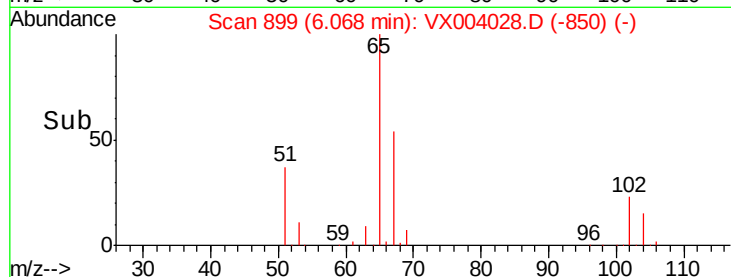
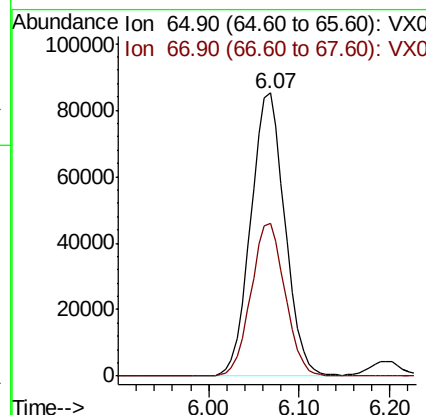
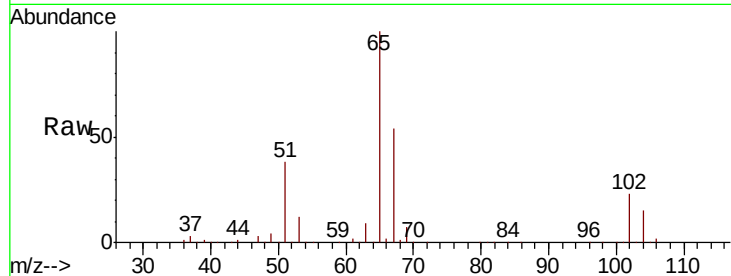
#33
 1,2-Dichloroethane-d4
 Concen: 54.45 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: VX004028.D
 Acq: 14 Aug 2018 13:44

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX081418

Tot Ion	Ratio	Resp	Lower	Upper
65	100	221963		
67	53.8	0.0	105.8	

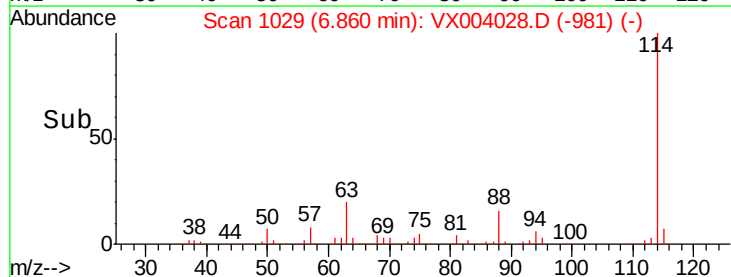
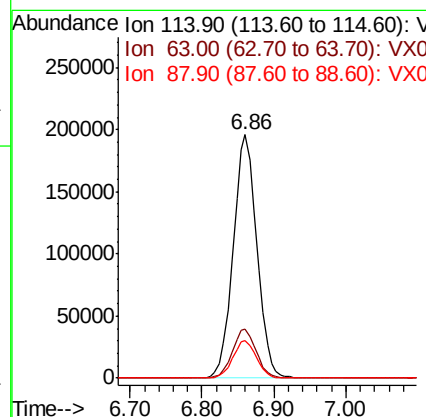
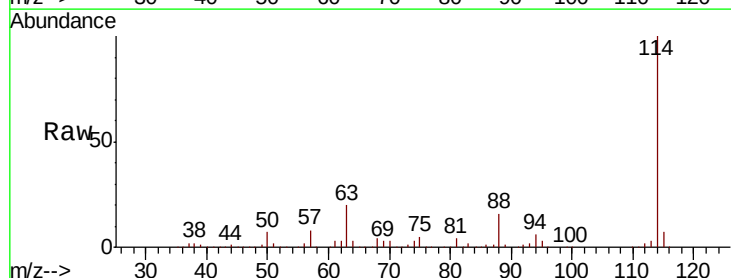
Manual Integrations
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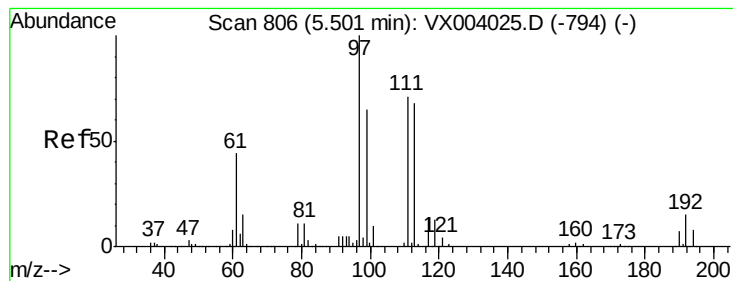
MMDadoda
 8/28/2018 5:39:59 PM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: VX004028.D
 Acq: 14 Aug 2018 13:44

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	447855		
63	19.9	0.0	39.0	
88	15.7	0.0	32.0	





#35

Dibromofluoromethane

Concen: 54.15 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX004028.D

Acq: 14 Aug 2018 13:44

Instrument :

MSVOA_X

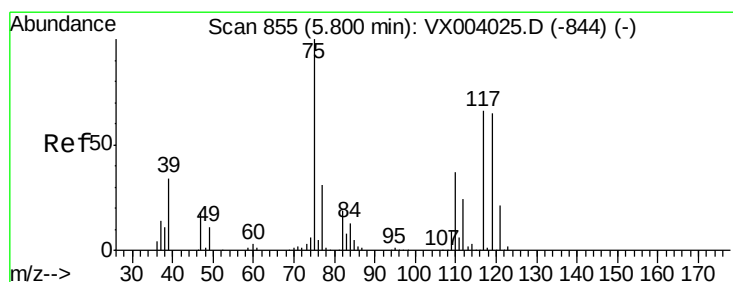
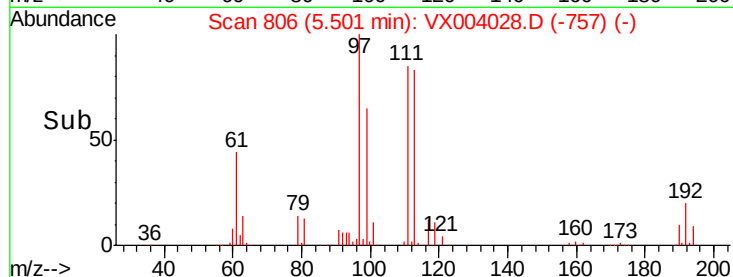
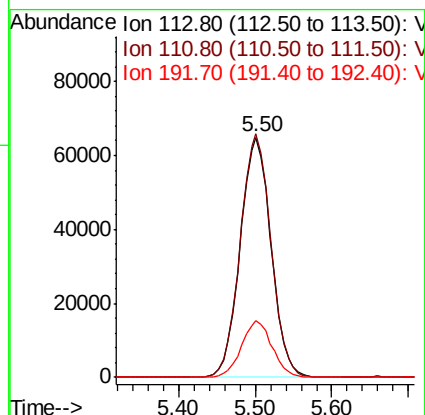
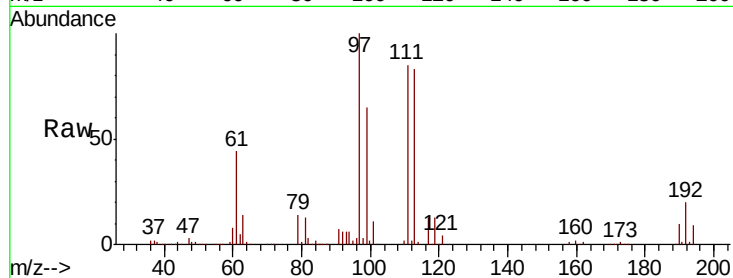
ClientSampleId :

ICVVX081418

Tot Ion:	113	Resp:	181516
Ion Ratio	Lower	Upper	
113	100		
111	101.2	82.0	123.0
192	23.4	19.0	28.4

Manual Integrations
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MMDadoda
8/28/2018 5:39:59 PM



#36

1,1-Dichloropropene

Concen: 45.24 ug/l

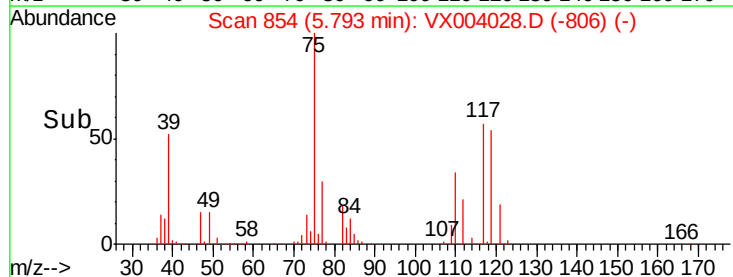
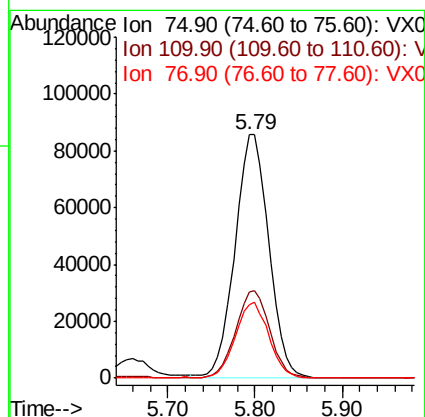
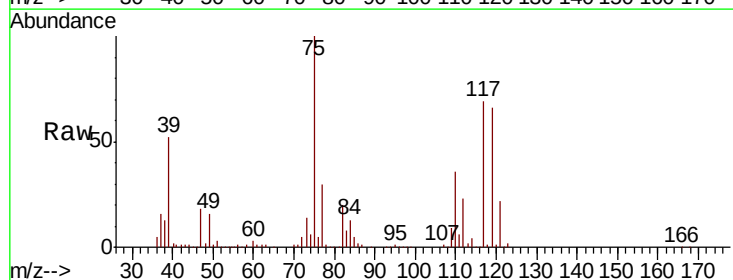
RT: 5.79 min Scan# 854

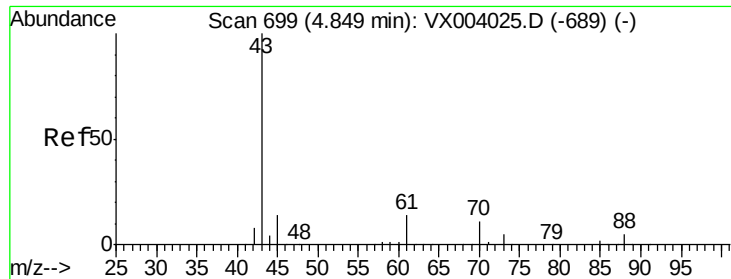
Delta R.T. -0.01 min

Lab File: VX004028.D

Acq: 14 Aug 2018 13:44

Tgt Ion:	75	Resp:	230572
Ion Ratio	Lower	Upper	
75	100		
110	36.1	18.2	54.6
77	31.0	25.0	37.4





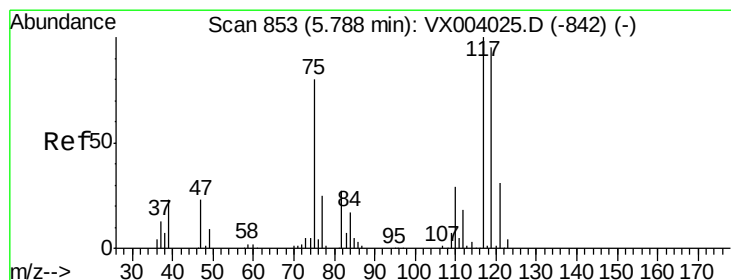
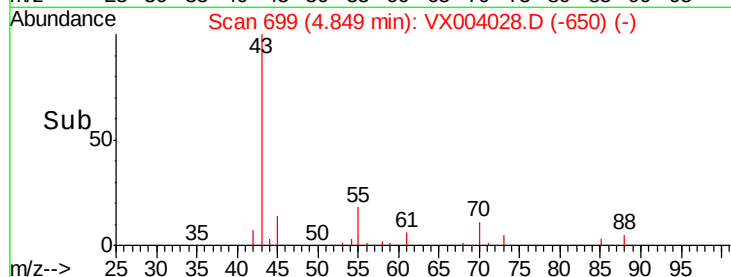
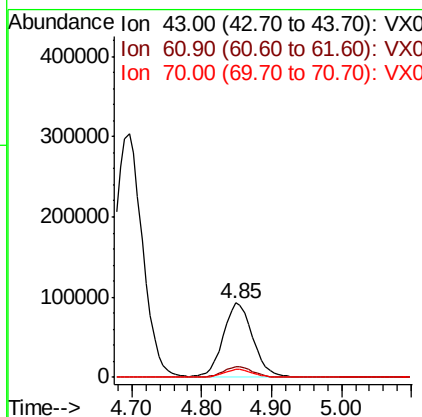
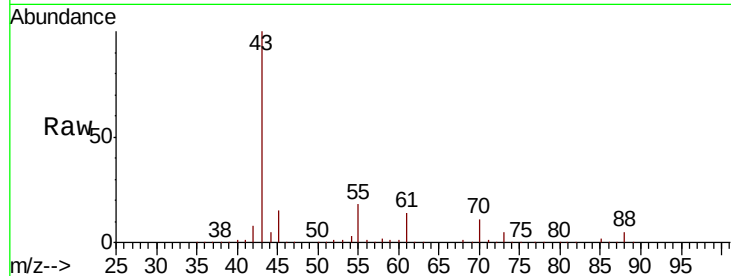
#37
Ethyl Acetate
Concen: 48.92 ug/l
RT: 4.85 min Scan# 699
Delta R.T. -0.00 min
Lab File: VX004028.D
Acq: 14 Aug 2018 13:44

Instrument :
MSVOA_X
ClientSampleId :
ICVVX081418

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.5	11.5	17.3
70	11.0	9.0	13.4

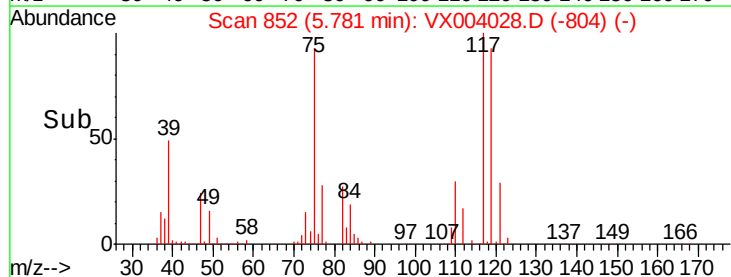
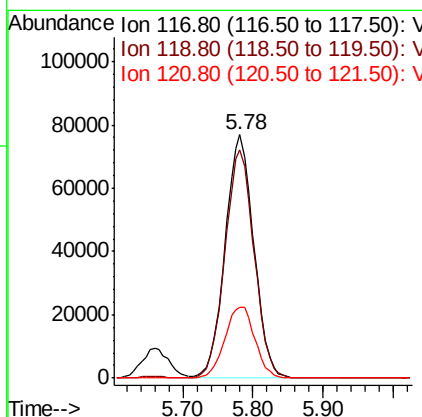
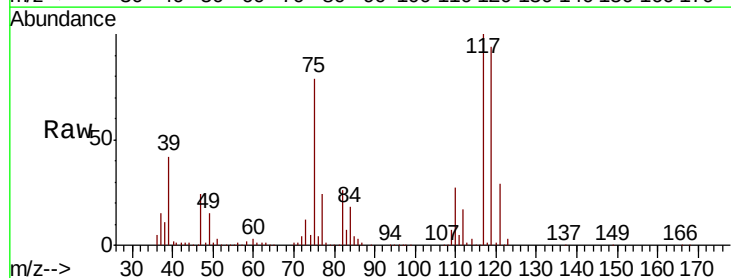
Manual Integrations
APPROVED

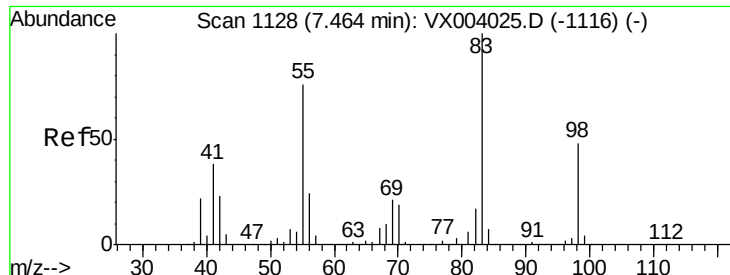
MMDadoda
8/28/2018 5:39:59 PM



#38
Carbon Tetrachloride
Concen: 44.18 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.01 min
Lab File: VX004028.D
Acq: 14 Aug 2018 13:44

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.8	79.5	119.3
121	29.2	25.0	37.4





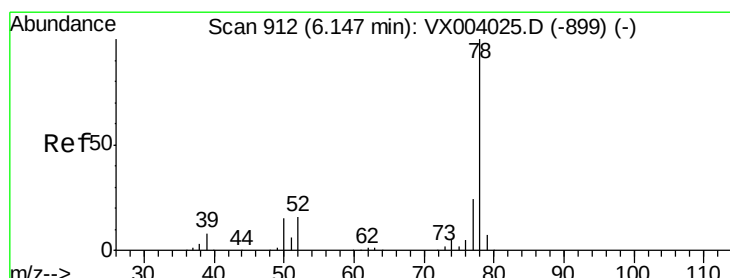
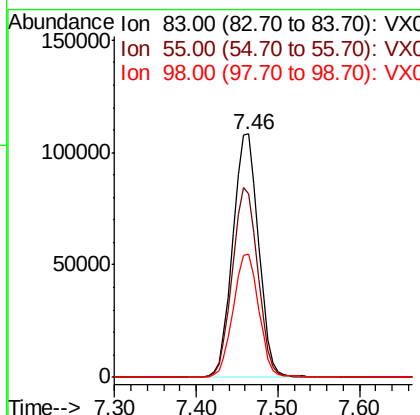
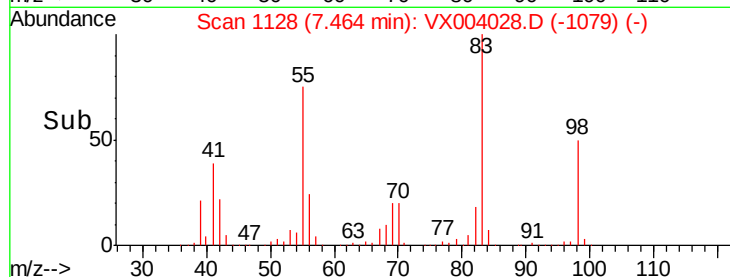
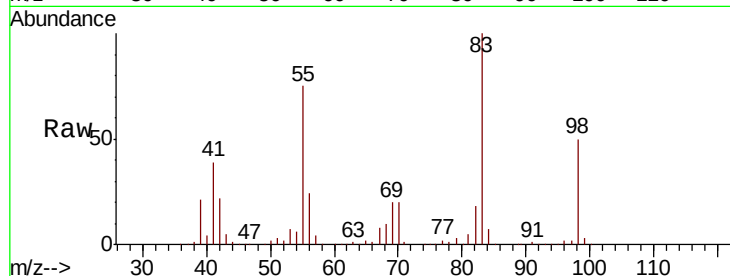
#39
Methylvlcyclohexane
Concen: 40.81 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX004028.D
Acq: 14 Aug 2018 13:44

Instrument :
MSVOA_X
ClientSampleId :
ICVVX081418

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	75.3	61.0	91.6	
98	50.4	38.6	57.8	

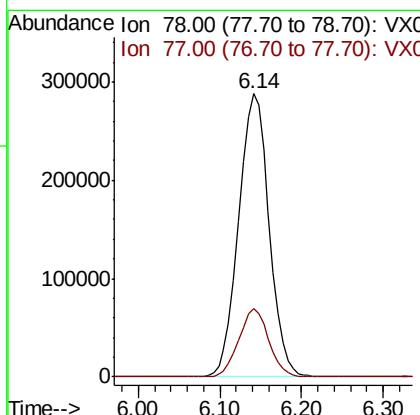
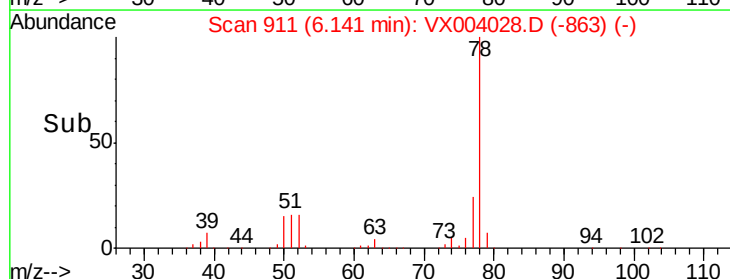
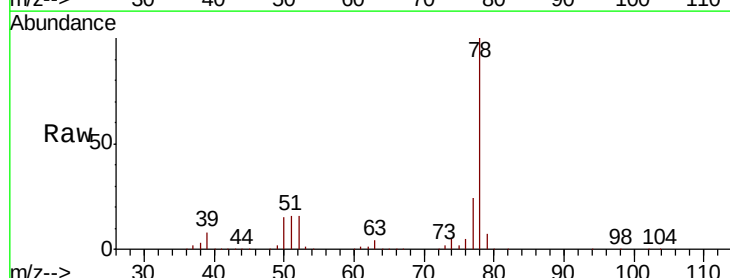
Manual Integrations
APPROVED

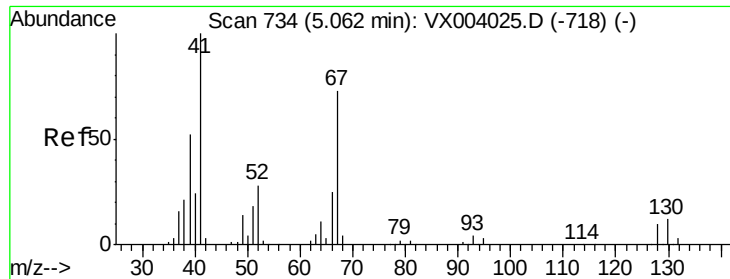
MMDadoda
8/28/2018 5:39:59 PM



#40
Benzene
Concen: 48.78 ug/l
RT: 6.14 min Scan# 911
Delta R.T. -0.01 min
Lab File: VX004028.D
Acq: 14 Aug 2018 13:44

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	24.0	19.0	28.4	





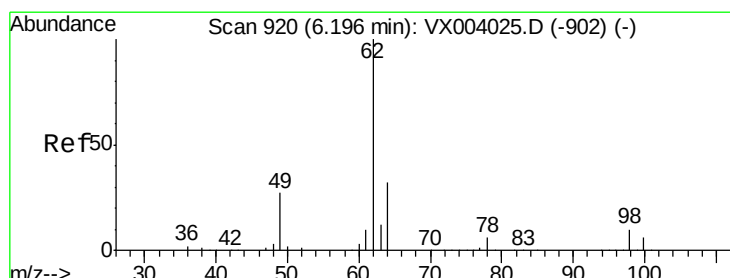
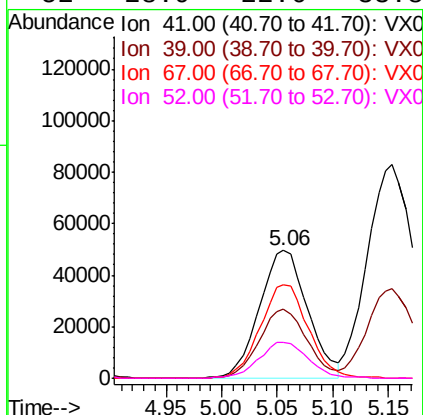
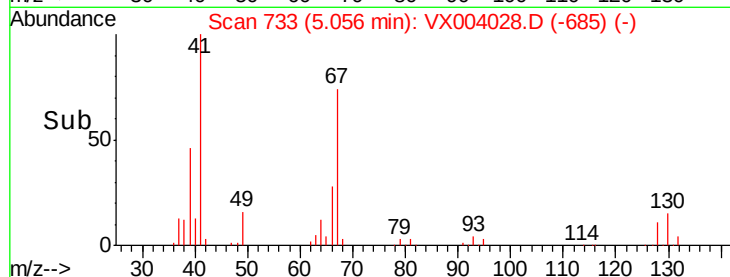
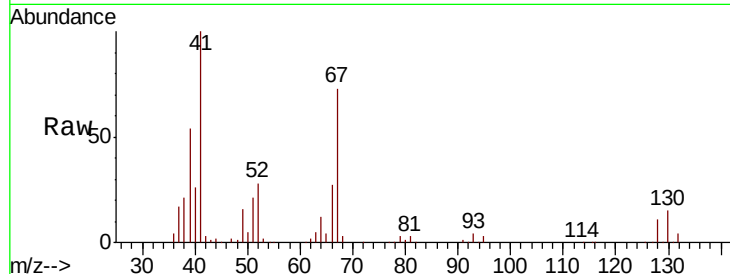
#41
Methacrylonitrile
Concen: 47.89 ug/l
RT: 5.06 min Scan# 733
Delta R.T. -0.01 min
Lab File: VX004028.D
Acq: 14 Aug 2018 13:44

Instrument :
MSVOA_X
ClientSampleId :
ICVVX081418

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.6	42.7	64.1	
67	73.7	58.9	88.3	
52	28.9	22.6	33.8	

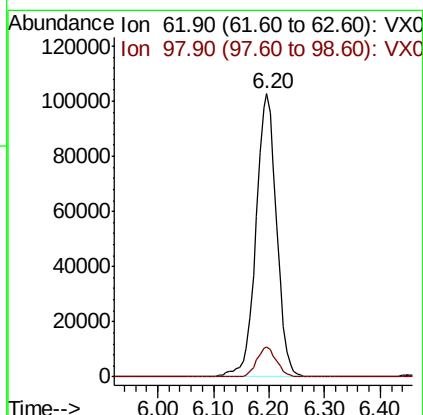
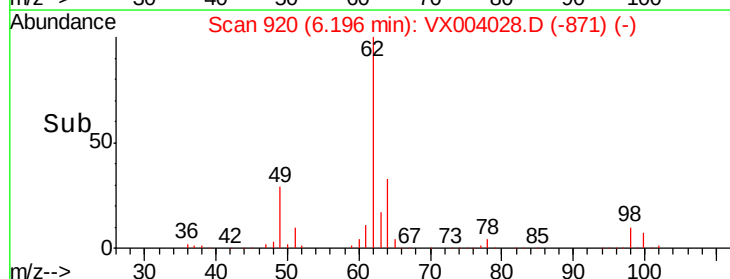
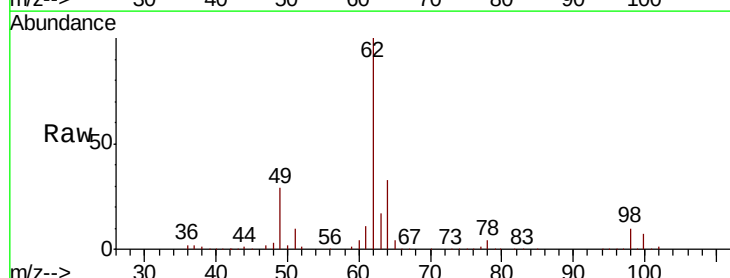
Manual Integrations
APPROVED

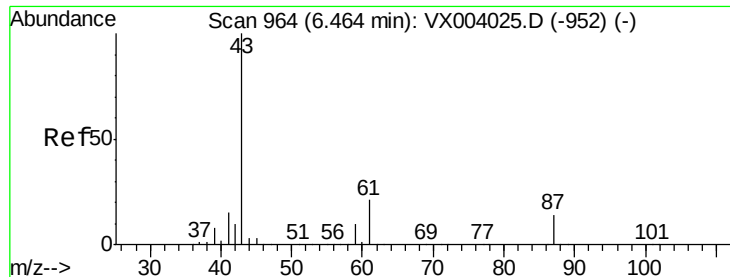
MMDadoda
8/28/2018 5:39:59 PM



#42
1,2-Dichloroethane
Concen: 49.72 ug/l
RT: 6.20 min Scan# 920
Delta R.T. -0.00 min
Lab File: VX004028.D
Acq: 14 Aug 2018 13:44

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.1	0.0	20.4	





#43

Isopropyl Acetate

Concen: 53.01 ug/l

RT: 6.46 min Scan# 963

Delta R.T. -0.01 min

Lab File: VX004028.D

Acq: 14 Aug 2018 13:44

Instrument :

MSVOA_X

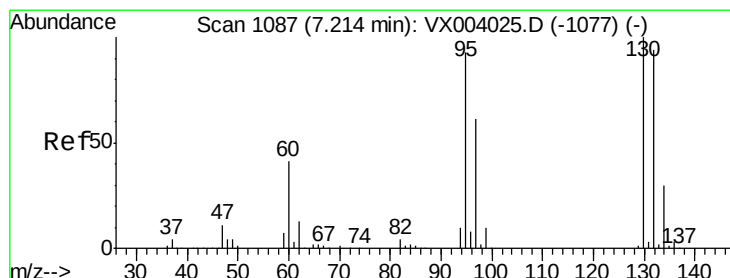
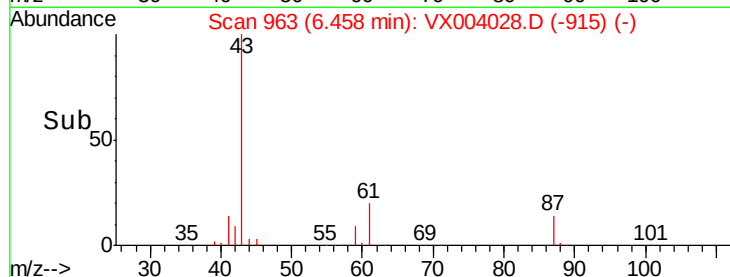
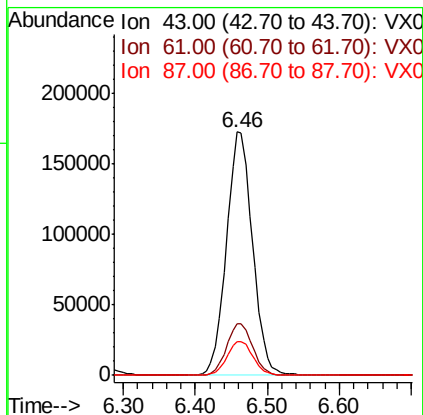
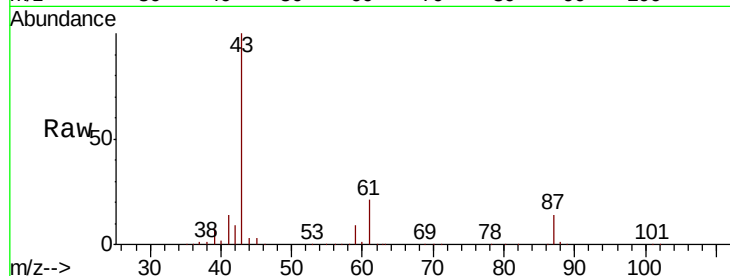
ClientSampleId :

ICVVX081418

Tot Ion:	43	Resp:	433650
Ion	Ratio	Lower	Upper
43	100		
61	21.3	16.9	25.3
87	14.1	11.3	16.9

Manual Integrations
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#44

Trichloroethene

Concen: 46.84 ug/l

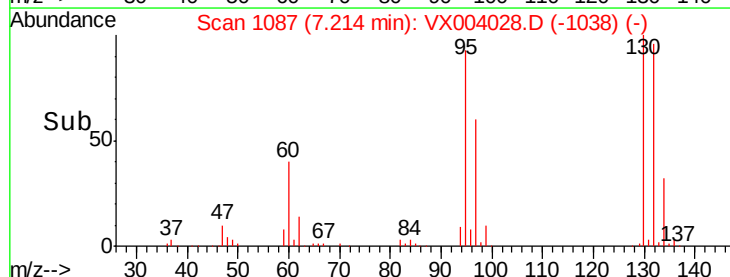
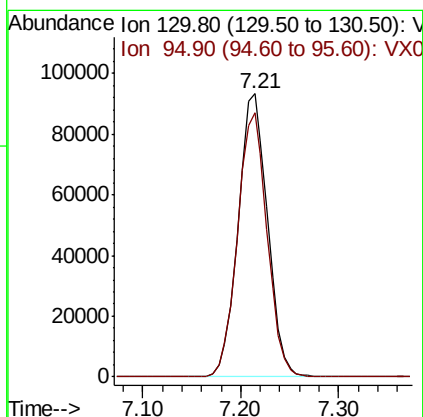
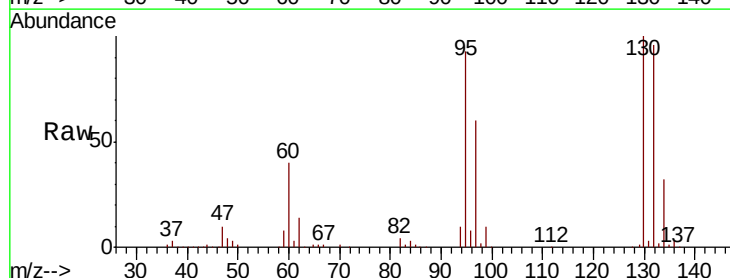
RT: 7.21 min Scan# 1087

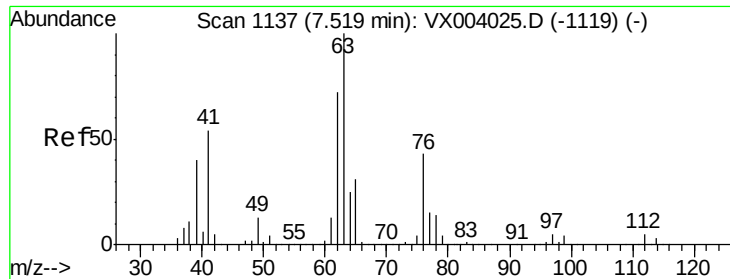
Delta R.T. -0.00 min

Lab File: VX004028.D

Acq: 14 Aug 2018 13:44

Tgt Ion:	130	Resp:	194576
Ion	Ratio	Lower	Upper
130	100		
95	93.3	0.0	199.4





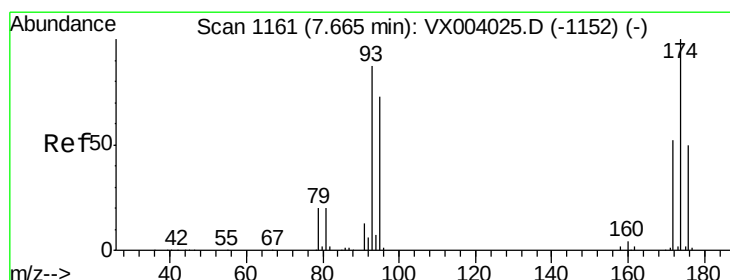
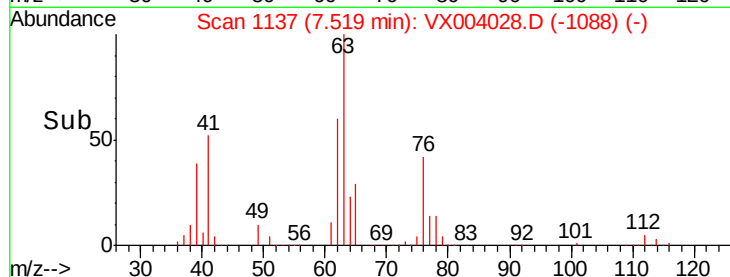
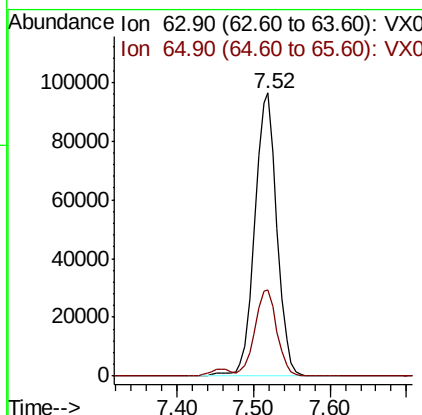
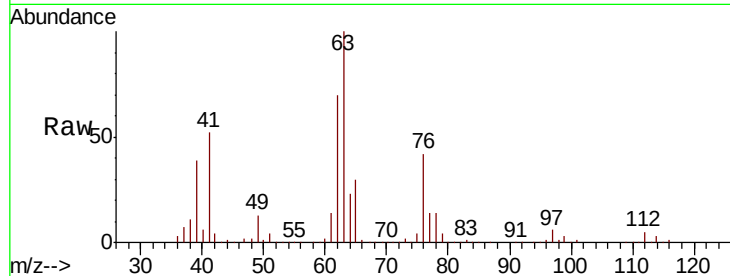
#45
 1,2-Dichloropropane
 Concen: 49.81 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX004028.D
 Acq: 14 Aug 2018 13:44

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX081418

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.3	24.6	36.8

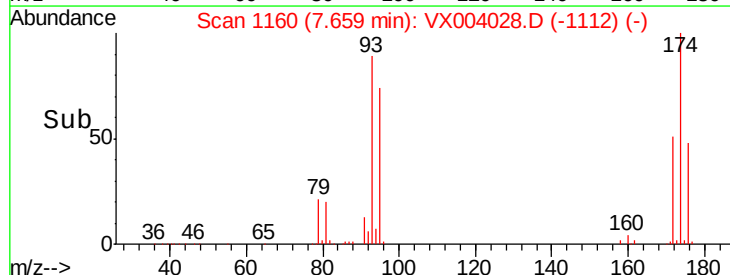
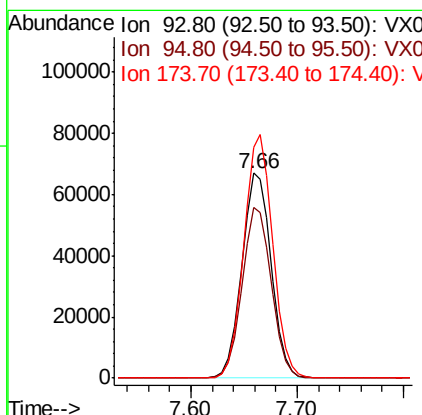
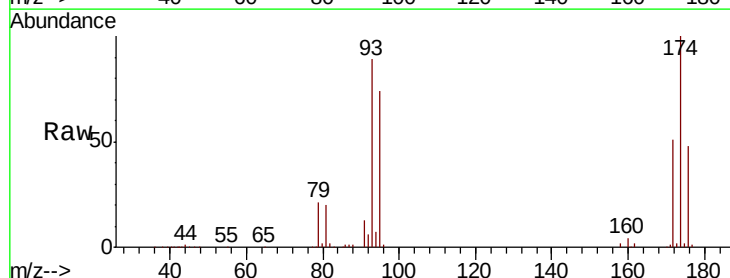
Manual Integrations
 APPROVED

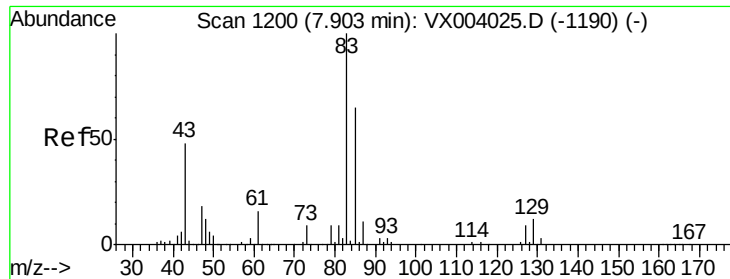
MMDadoda
 8/28/2018 5:39:59 PM



#46
 Dibromomethane
 Concen: 50.66 ug/l
 RT: 7.66 min Scan# 1160
 Delta R.T. -0.01 min
 Lab File: VX004028.D
 Acq: 14 Aug 2018 13:44

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.3	66.4	99.6
174	117.1	94.3	141.5





#47

Bromodichloromethane

Concen: 50.84 ug/l

RT: 7.90 min Scan# 1199

Delta R.T. -0.01 min

Lab File: VX004028.D

Acq: 14 Aug 2018 13:44

Instrument :

MSVOA_X

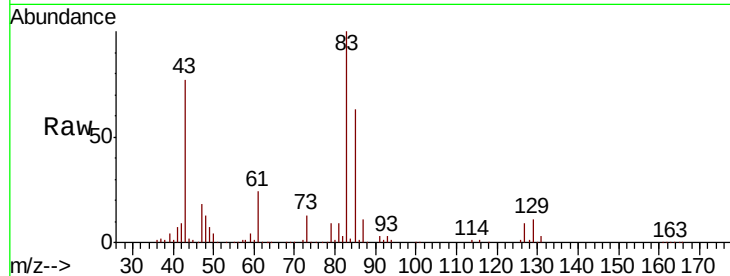
ClientSampleId :

ICVVX081418

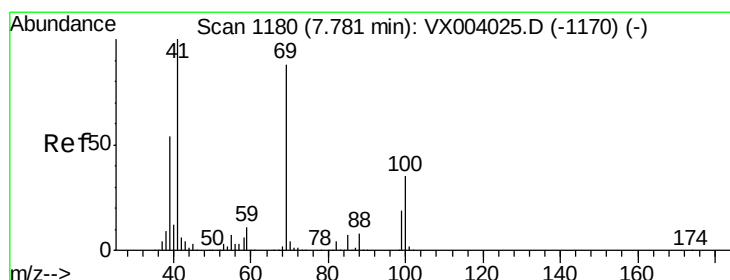
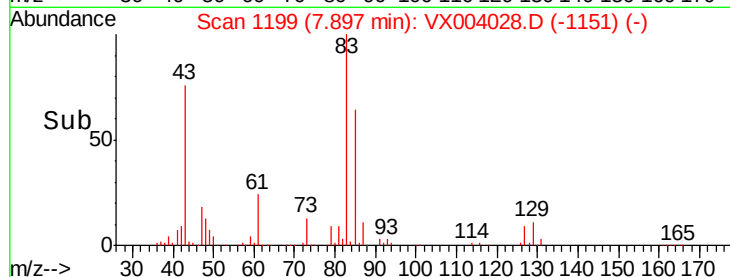
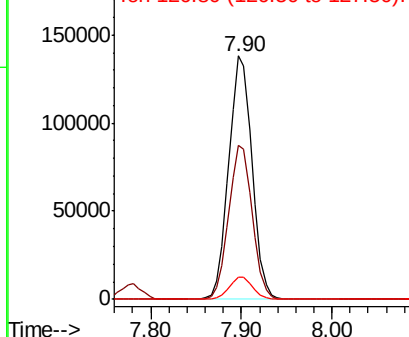
Tot Ion:	83	Resp:	246499
Ion Ratio	Lower	Upper	
83	100		
85	63.5	51.2	76.8
127	8.9	7.2	10.8

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 54.58 ug/l

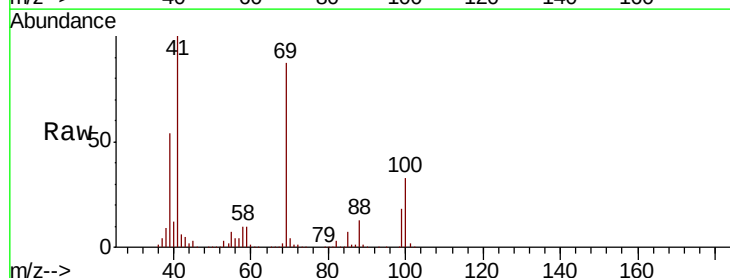
RT: 7.77 min Scan# 1179

Delta R.T. -0.01 min

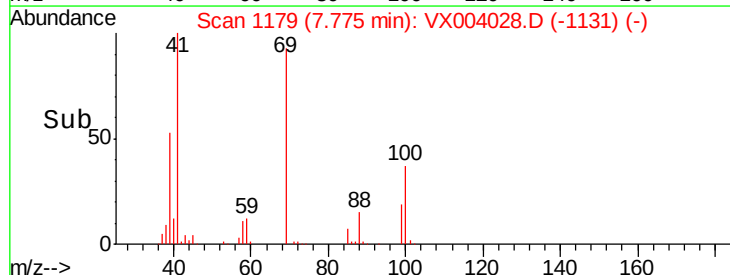
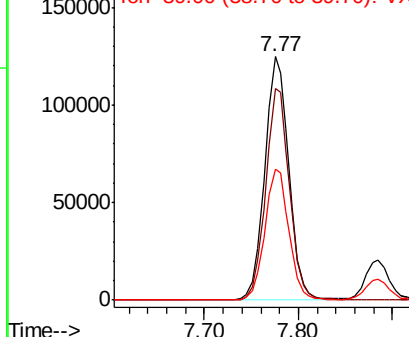
Lab File: VX004028.D

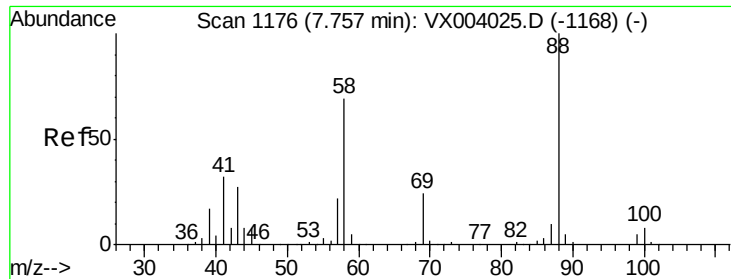
Acq: 14 Aug 2018 13:44

Tgt Ion:	41	Resp:	224735
Ion Ratio	Lower	Upper	
41	100		
69	86.3	68.8	103.2
39	53.5	42.3	63.5



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





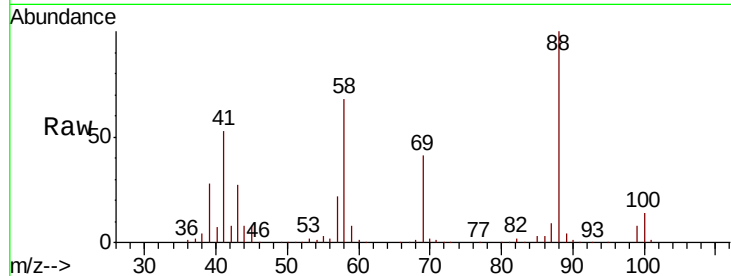
#49
1,4-Dioxane
Concen: 1048.55 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. -0.00 min
Lab File: VX004028.D
Acq: 14 Aug 2018 13:44

Instrument :
MSVOA_X
ClientSampleId :
ICVVX081418

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.4	23.8	35.8
58	69.8	55.4	83.0

Manual Integrations
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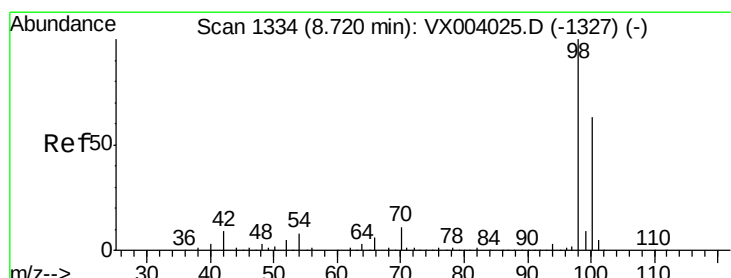
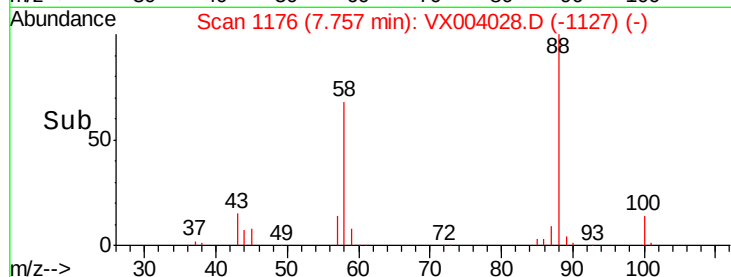
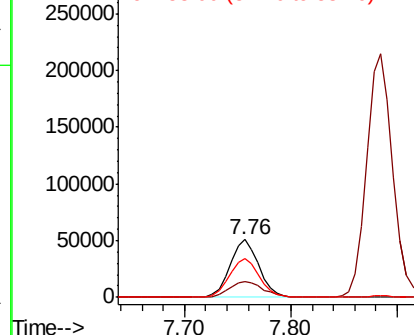


Abundance

Ion 88.00 (87.70 to 88.70): VX0

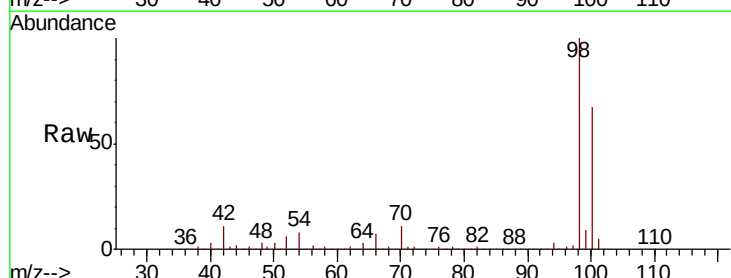
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50
Toluene-d8
Concen: 51.51 ug/l
RT: 8.71 min Scan# 1333
Delta R.T. -0.01 min
Lab File: VX004028.D
Acq: 14 Aug 2018 13:44

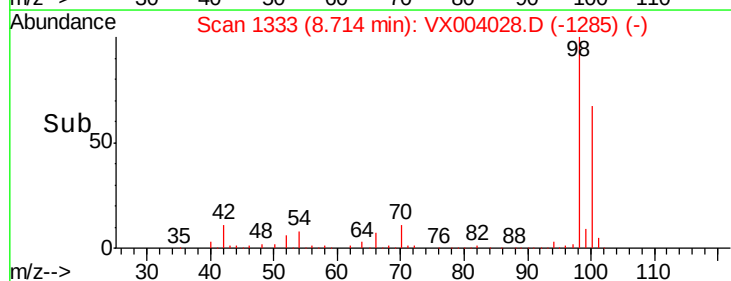
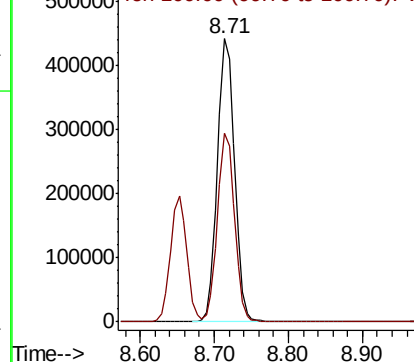
Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.4	53.3	79.9

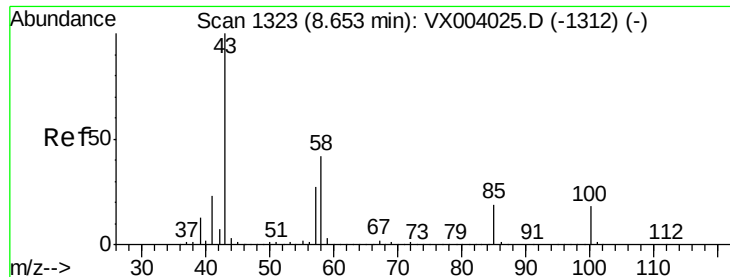


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





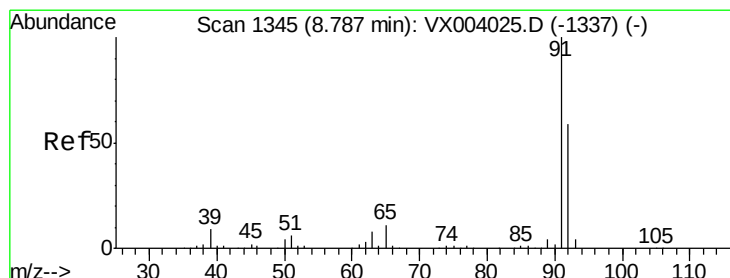
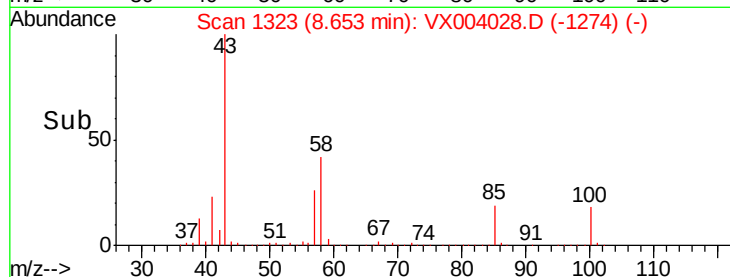
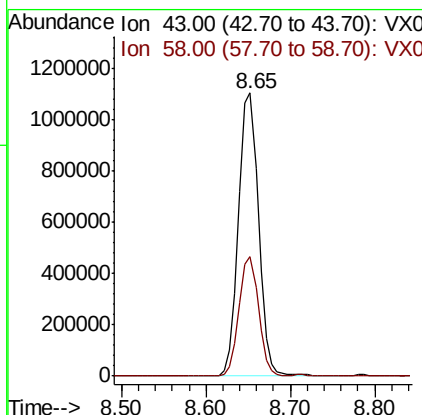
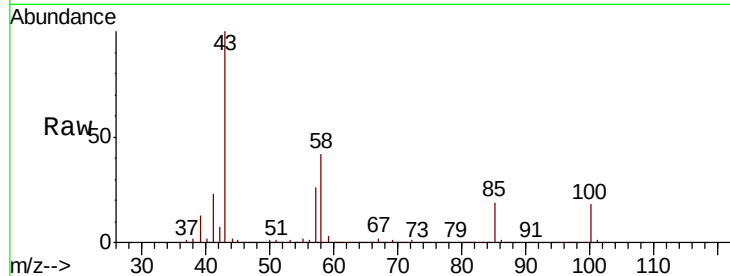
#51
4-Methyl-2-Pentanone
Concen: 262.73 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. -0.00 min
Lab File: VX004028.D
Acq: 14 Aug 2018 13:44

Instrument :
MSVOA_X
ClientSampleId :
ICVVX081418

Tot Ion: 43 Resp: 1762232
Ion Ratio Lower Upper
43 100
58 41.4 33.0 49.6

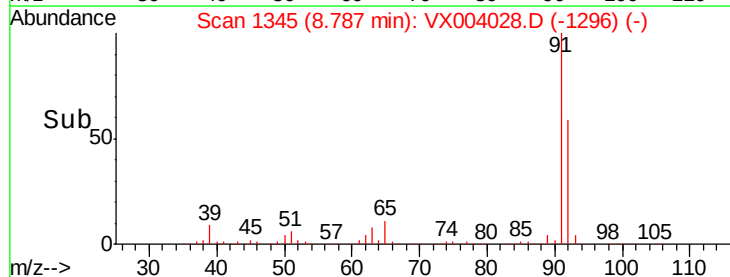
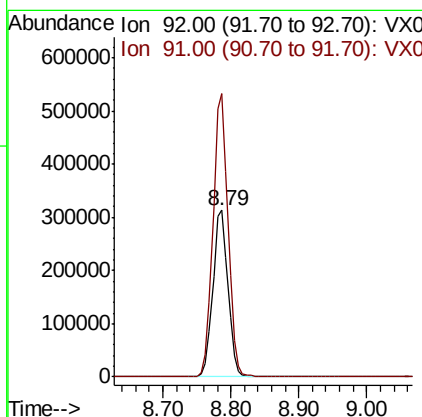
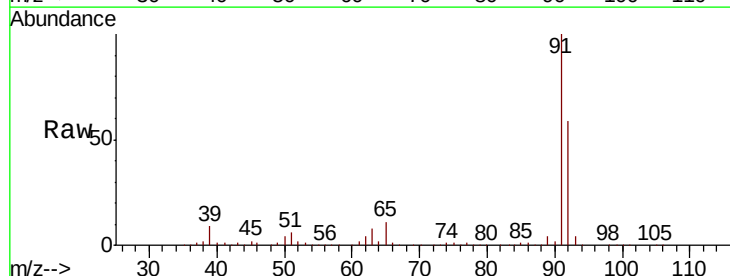
Manual Integrations
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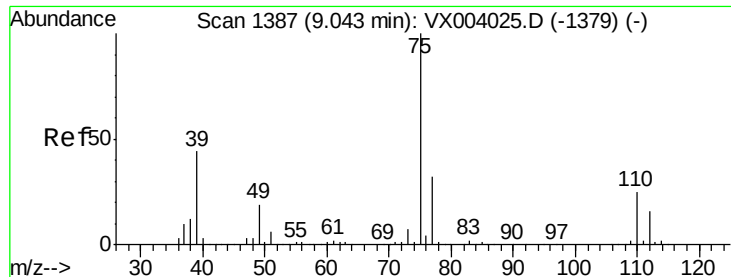
MMDadoda
8/28/2018 5:39:59 PM



#52
Toluene
Concen: 49.91 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. -0.00 min
Lab File: VX004028.D
Acq: 14 Aug 2018 13:44

Tgt Ion: 92 Resp: 483063
Ion Ratio Lower Upper
92 100
91 169.1 136.1 204.1





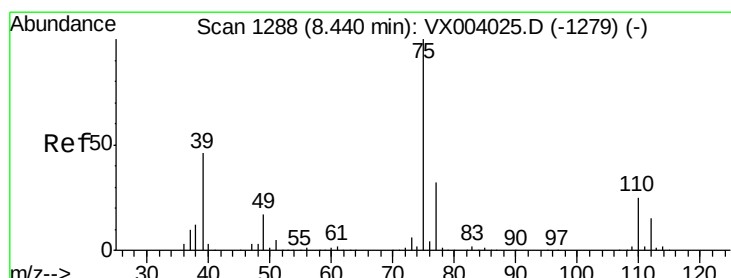
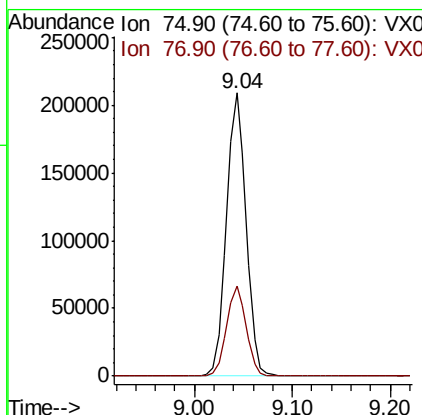
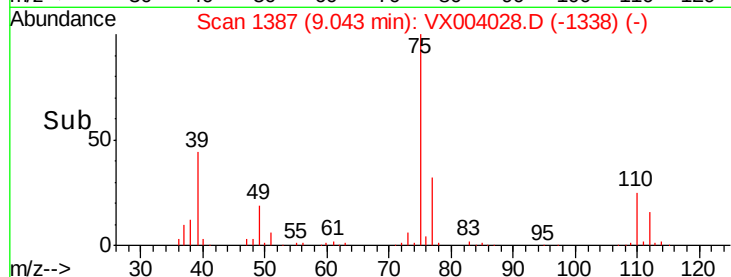
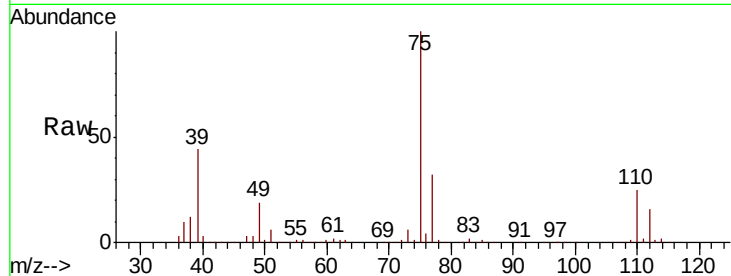
#53
 t-1,3-Dichloropropene
 Concen: 55.55 ug/l
 RT: 9.04 min Scan# 1387
 Delta R.T. -0.00 min
 Lab File: VX004028.D
 Acq: 14 Aug 2018 13:44

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX081418

Tot Ion: 75 Resp: 290961
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.1 37.7

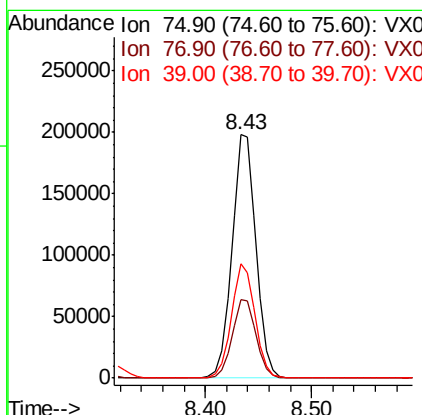
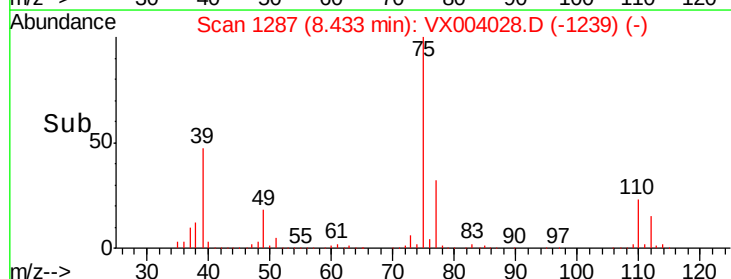
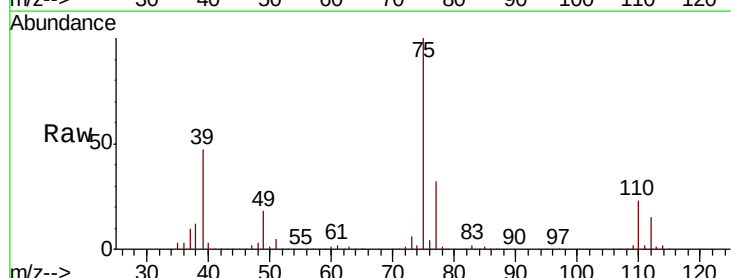
Manual Integrations
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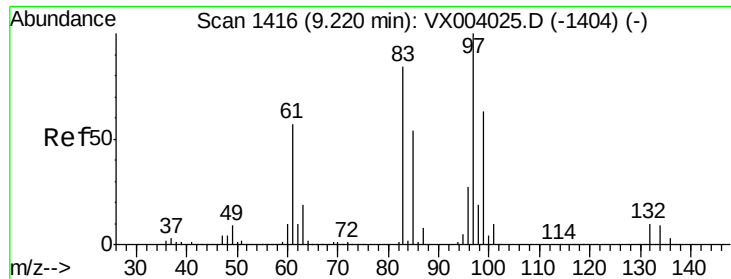
MMDadoda
 8/28/2018 5:39:59 PM



#54
 cis-1,3-Dichloropropene
 Concen: 53.70 ug/l
 RT: 8.43 min Scan# 1287
 Delta R.T. -0.01 min
 Lab File: VX004028.D
 Acq: 14 Aug 2018 13:44

Tgt Ion: 75 Resp: 311491
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.3 37.9
 39 46.8 36.2 54.2





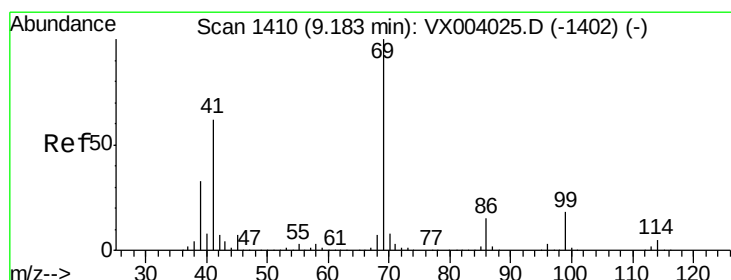
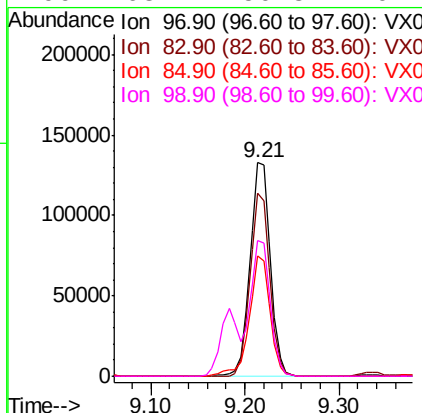
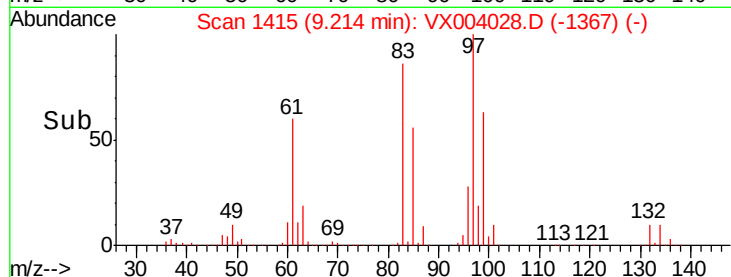
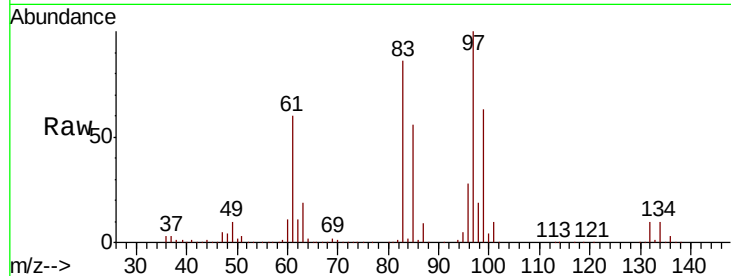
#55
 1,1,2-Trichloroethane
 Concen: 50.21 ug/l
 RT: 9.21 min Scan# 1415
 Delta R.T. -0.01 min
 Lab File: VX004028.D
 Acq: 14 Aug 2018 13:44

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX081418

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		200652		
83	85.6	67.8	101.6		
85	56.2	44.2	66.2		
99	63.4	50.8	76.2		

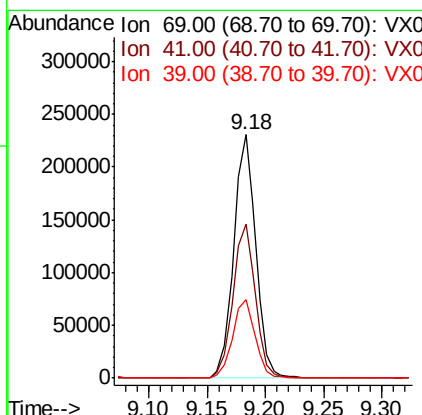
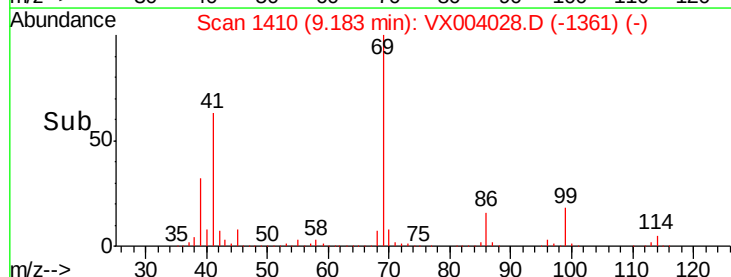
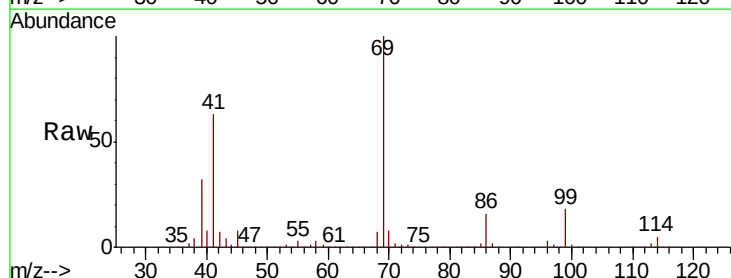
Manual Integrations
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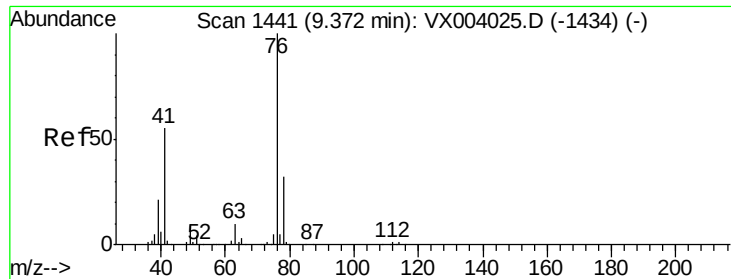
MMDadoda
 8/28/2018 5:39:59 PM



#56
 Ethyl methacrylate
 Concen: 56.07 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX004028.D
 Acq: 14 Aug 2018 13:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		304742		
41	64.1	50.6	76.0		
39	32.9	25.8	38.6		





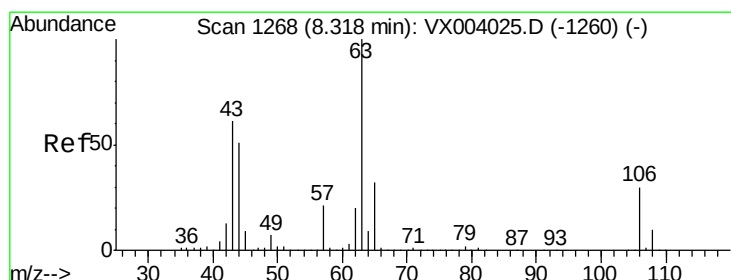
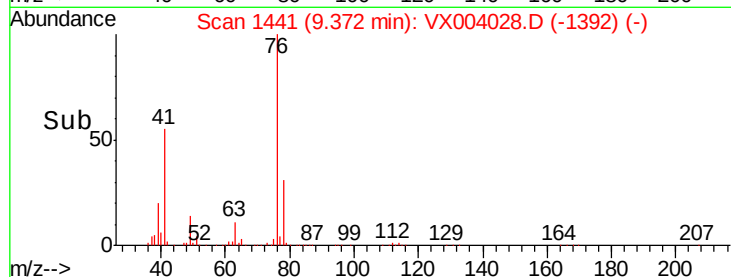
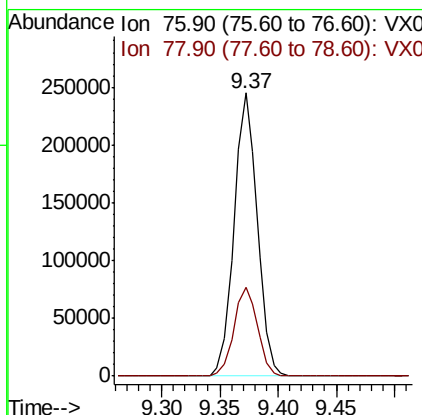
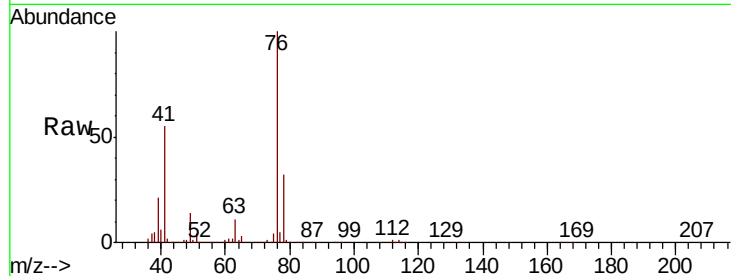
#57
 1,3-Dichloropropane
 Concen: 51.43 ug/l
 RT: 9.37 min Scan# 1441
 Delta R.T. -0.00 min
 Lab File: VX004028.D
 Acq: 14 Aug 2018 13:44

Instrument :
 MSVOA_X
 ClientSampled :
 ICVVX081418

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.9	25.9	38.9

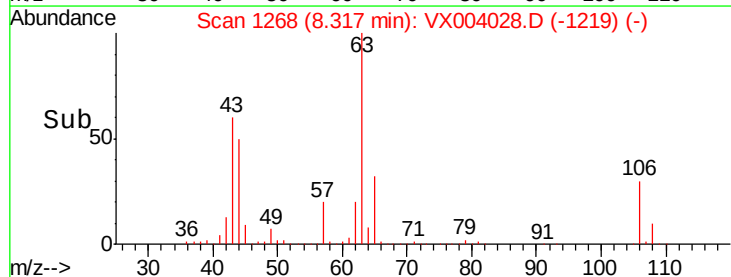
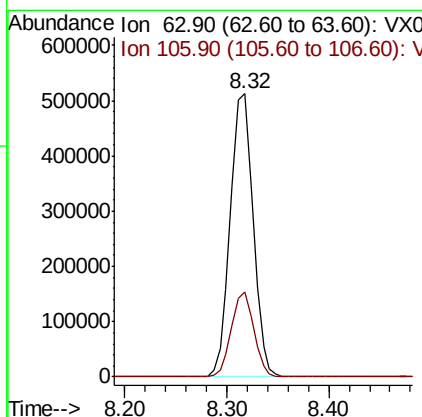
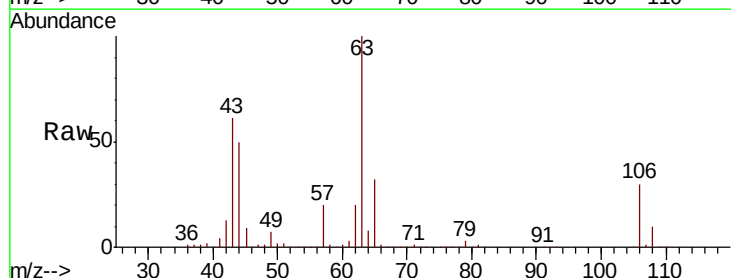
Manual Integrations
 APPROVED

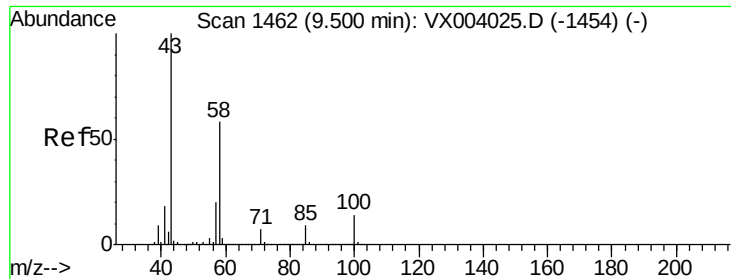
MMDadoda
 8/28/2018 5:39:59 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 286.99 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VX004028.D
 Acq: 14 Aug 2018 13:44

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.5	23.8	35.8





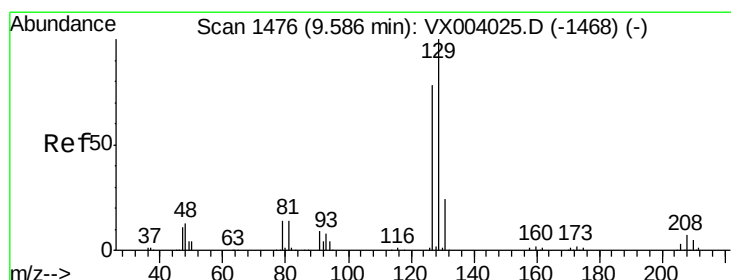
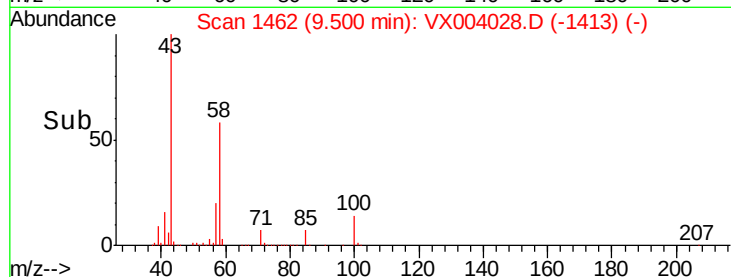
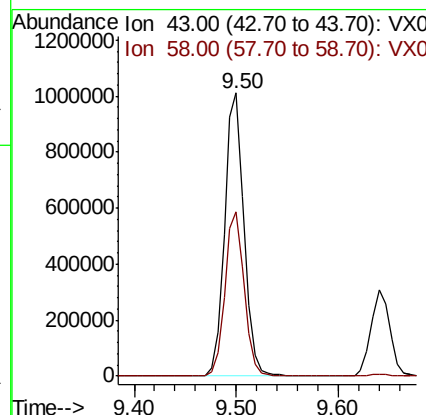
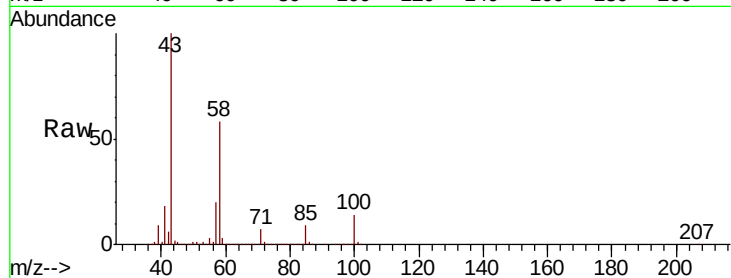
#59
2-Hexanone
Concen: 265.63 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX004028.D
Acq: 14 Aug 2018 13:44

Instrument :
MSVOA_X
ClientSampleId :
ICVVX081418

Tot Ion: 43 Resp: 1340923
Ion Ratio Lower Upper
43 100
58 57.9 29.0 87.0

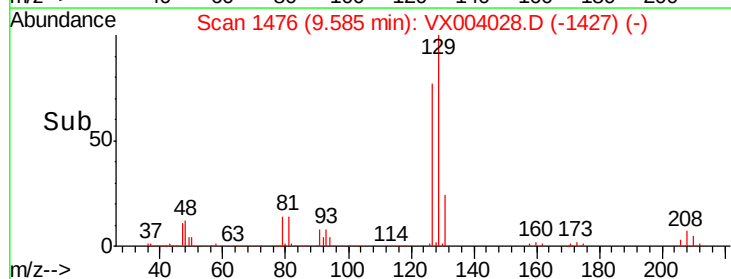
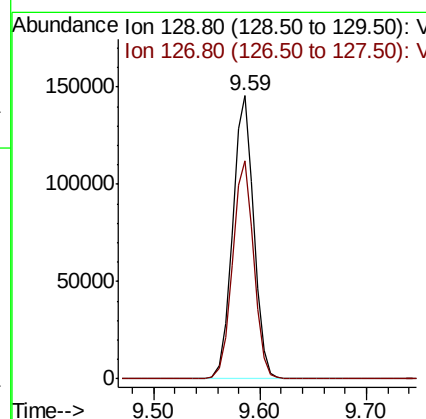
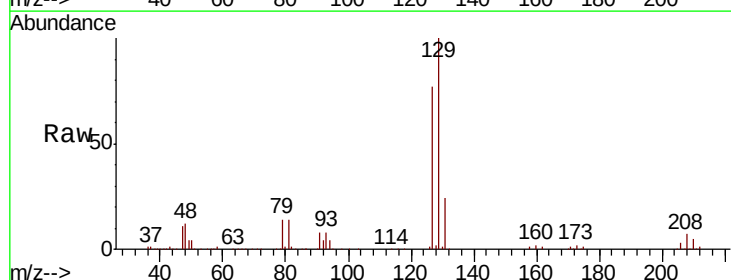
Manual Integrations
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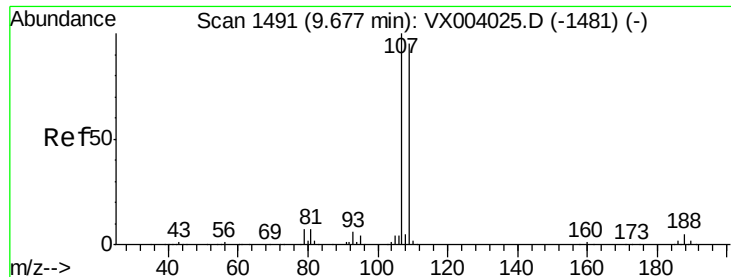
MMDadoda
8/28/2018 5:39:59 PM



#60
Dibromochloromethane
Concen: 52.63 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX004028.D
Acq: 14 Aug 2018 13:44

Tgt Ion: 129 Resp: 202411
Ion Ratio Lower Upper
129 100
127 77.1 38.8 116.3





#61

1,2-Dibromoethane

Concen: 52.06 ug/l

RT: 9.67 min Scan# 1490

Delta R.T. -0.01 min

Lab File: VX004028.D

Acq: 14 Aug 2018 13:44

Instrument :

MSVOA_X

ClientSampleId :

ICVVX081418

Tot Ion:107 Resp: 212100

Ion Ratio Lower Upper

107 100

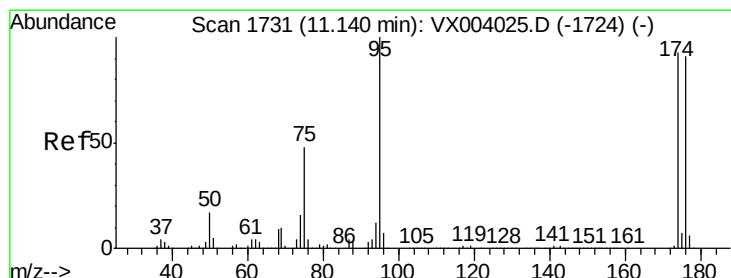
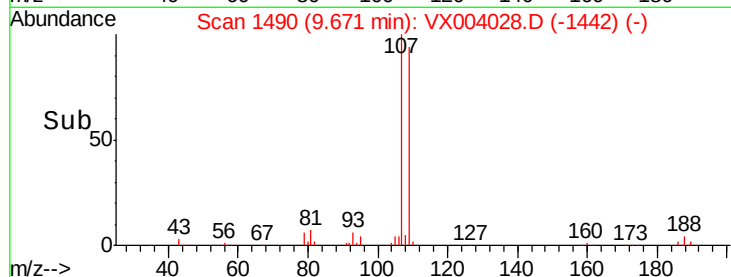
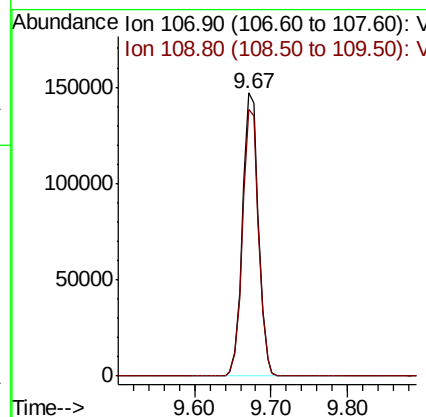
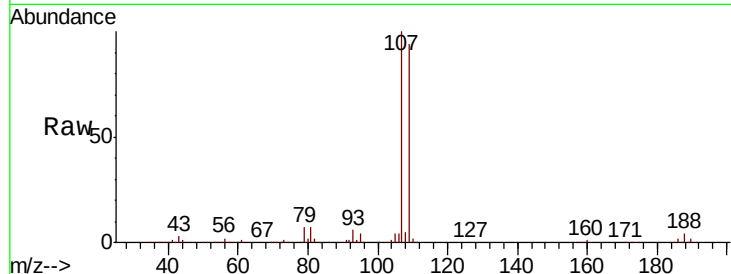
109 94.7 75.8 113.8

Manual Integrations

APPROVED

MMDadoda

8/28/2018 5:39:59 PM



#62

4-Bromofluorobenzene

Concen: 54.75 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX004028.D

Acq: 14 Aug 2018 13:44

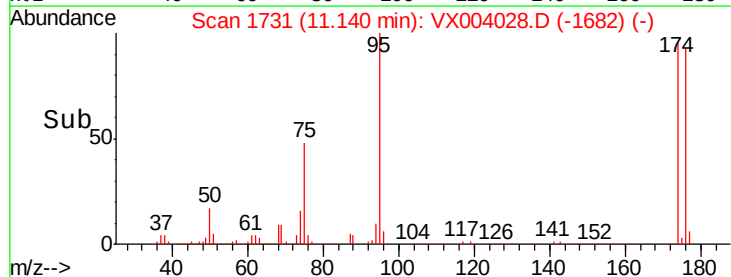
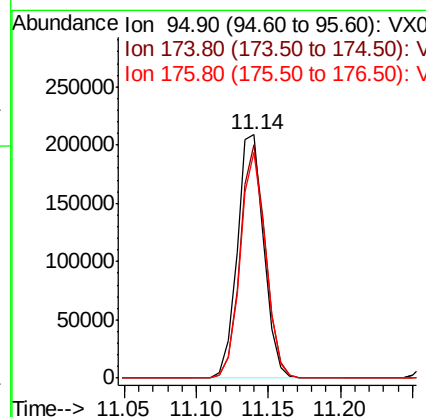
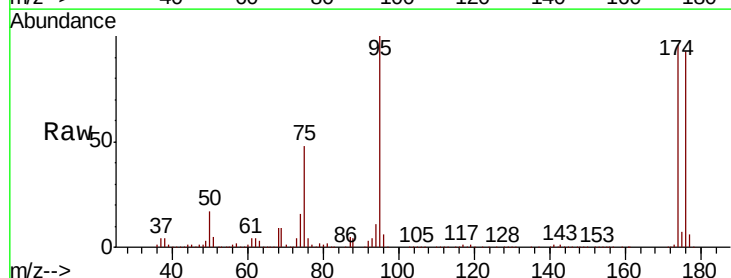
Tgt Ion: 95 Resp: 269835

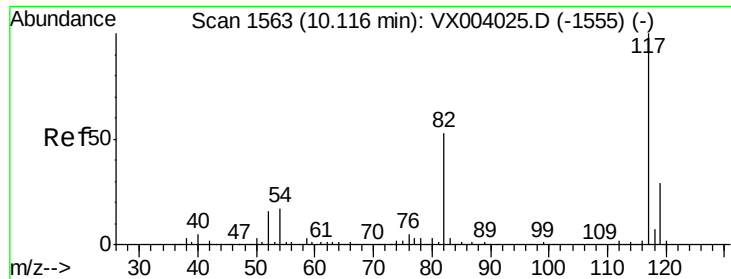
Ion Ratio Lower Upper

95 100

174 91.1 0.0 182.8

176 88.3 0.0 179.0





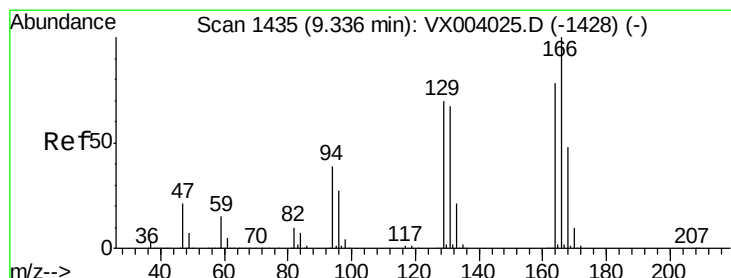
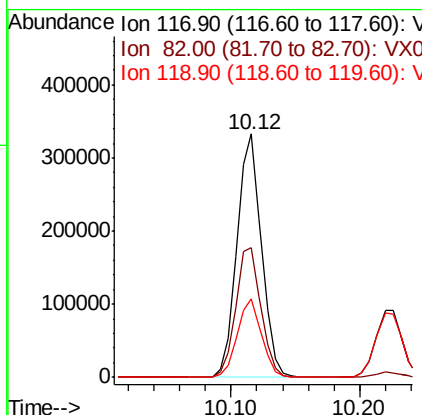
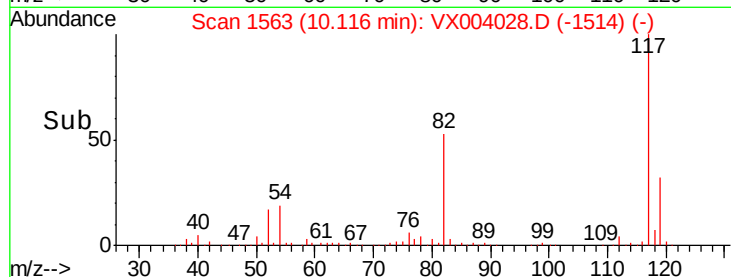
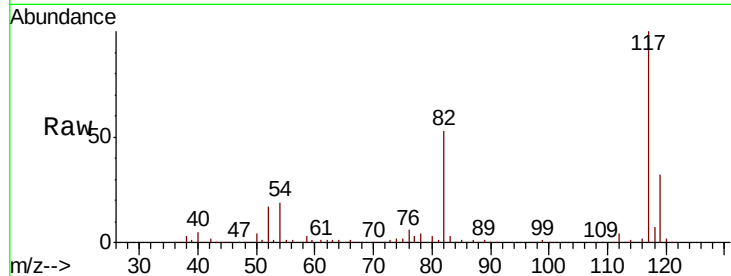
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004028.D
Acq: 14 Aug 2018 13:44

Instrument :
MSVOA_X
ClientSampleId :
ICVVX081418

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.2	45.4	68.0
119	32.2	26.6	40.0

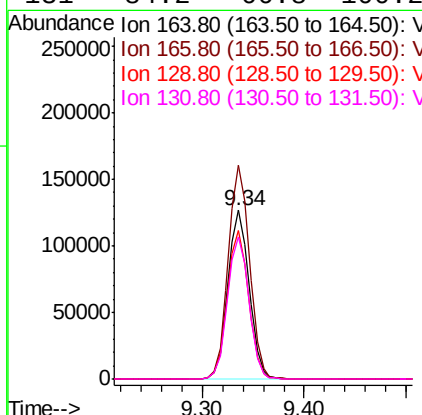
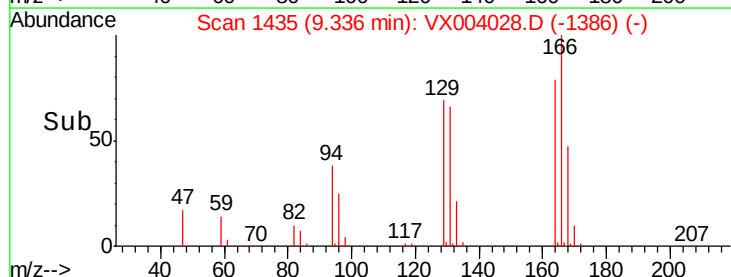
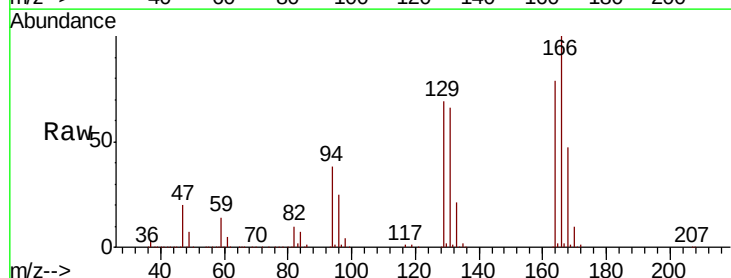
Manual Integrations
APPROVED

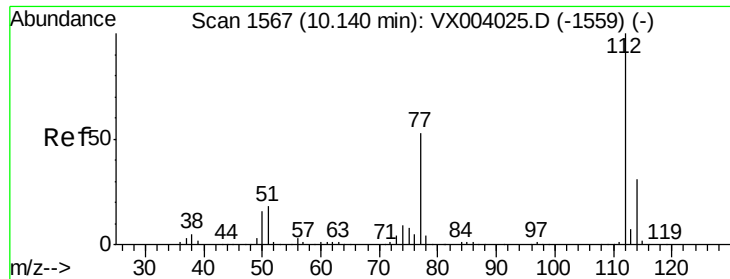
MMDadoda
8/28/2018 5:39:59 PM



#64
Tetrachloroethene
Concen: 43.59 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.00 min
Lab File: VX004028.D
Acq: 14 Aug 2018 13:44

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.6	98.0	147.0
129	87.7	64.3	96.5
131	84.2	66.8	100.2





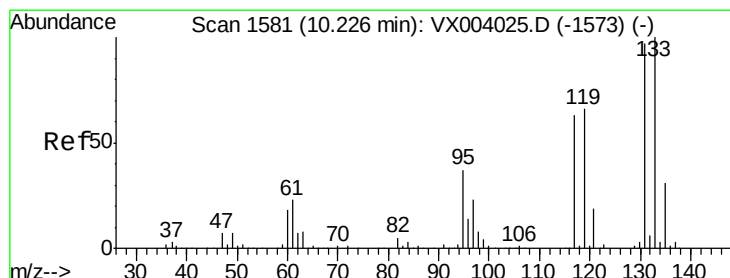
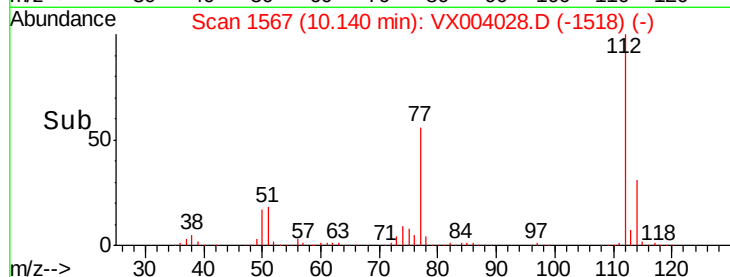
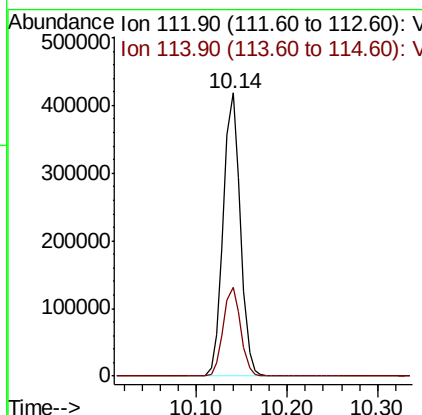
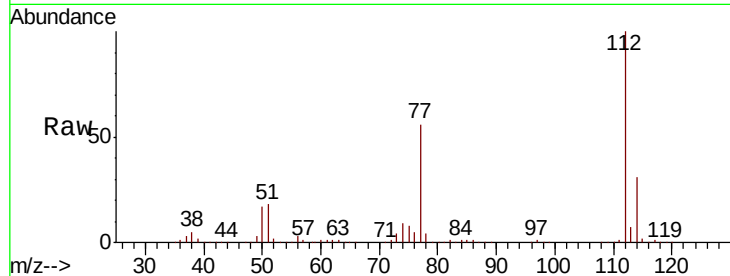
#65
Chlorobenzene
Concen: 48.62 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX004028.D
Acq: 14 Aug 2018 13:44

Instrument :
MSVOA_X
ClientSampleId :
ICVVX081418

Tot Ion:112 Resp: 551699
Ion Ratio Lower Upper
112 100
114 31.3 23.6 35.4

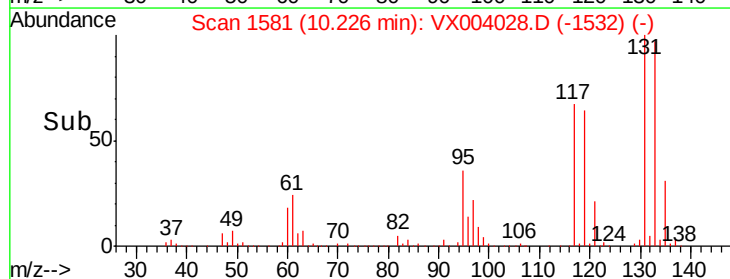
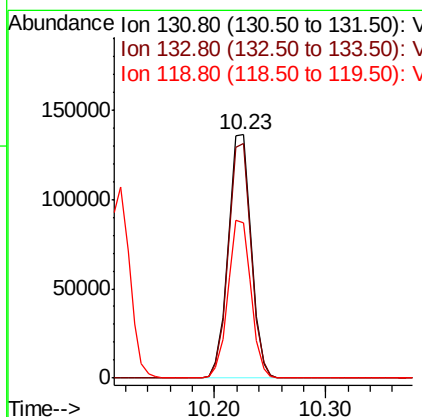
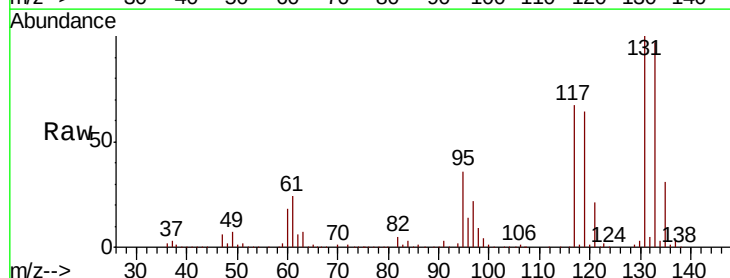
Manual Integrations
APPROVED

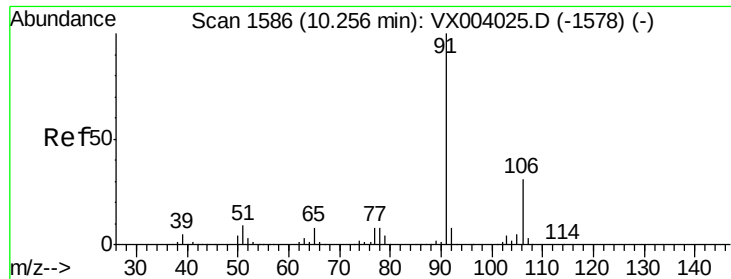
MMDadoda
8/28/2018 5:39:59 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 50.20 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX004028.D
Acq: 14 Aug 2018 13:44

Tgt Ion:131 Resp: 194291
Ion Ratio Lower Upper
131 100
133 96.0 47.3 141.8
119 64.9 31.6 94.8





#67

Ethyl Benzene

Concen: 50.20 ug/l

RT: 10.25 min Scan# 1585

Delta R.T. -0.01 min

Lab File: VX004028.D

Acq: 14 Aug 2018 13:44

Instrument :

MSVOA_X

ClientSampleId :

ICVVX081418

Tot Ion: 91 Resp: 902059

Ion Ratio Lower Upper

91 100

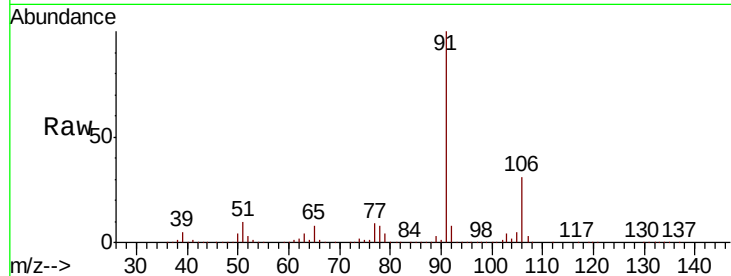
106 30.9 25.9 38.9

Manual Integrations

APPROVED

MMDadoda

8/28/2018 5:39:59 PM



Abundance Ion 91.00 (90.70 to 91.70): VX004025.D (-1578) (-)

Ion 106.00 (105.70 to 106.70): VX004025.D (-1578) (-)

1200000

1000000

800000

600000

400000

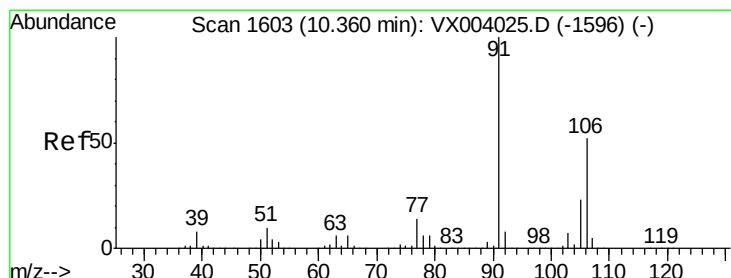
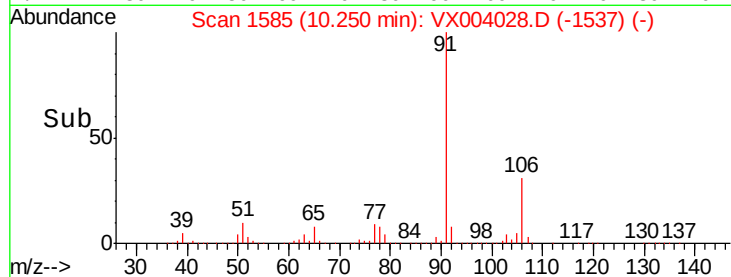
200000

0

10.20

10.30

Time-->



#68

m/p-Xylenes

Concen: 102.50 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. -0.00 min

Lab File: VX004028.D

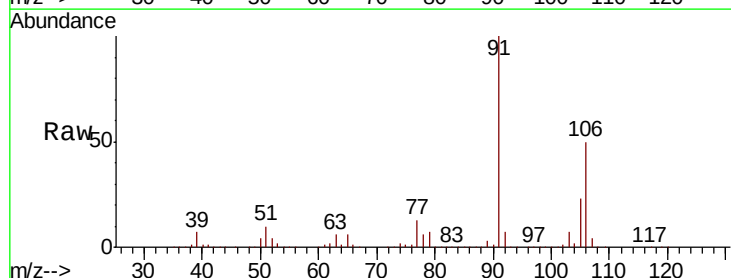
Acq: 14 Aug 2018 13:44

Tgt Ion: 106 Resp: 721247

Ion Ratio Lower Upper

106 100

91 198.8 162.3 243.5



Abundance Ion 106.00 (105.70 to 106.70): VX004025.D (-1596) (-)

Ion 91.00 (90.70 to 91.70): VX004025.D (-1596) (-)

1200000

1000000

800000

600000

400000

200000

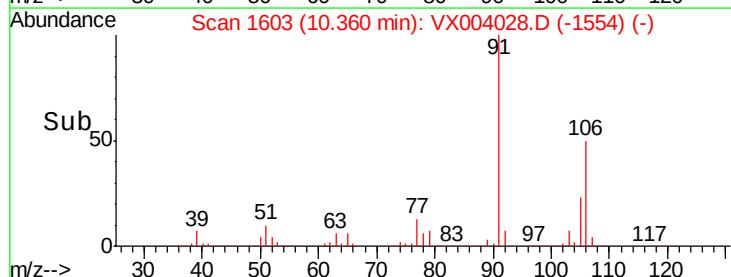
0

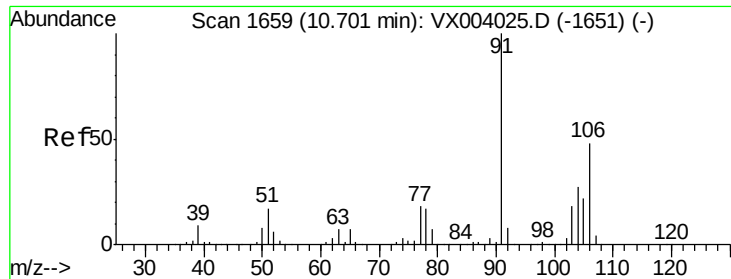
10.30

10.40

10.50

Time-->





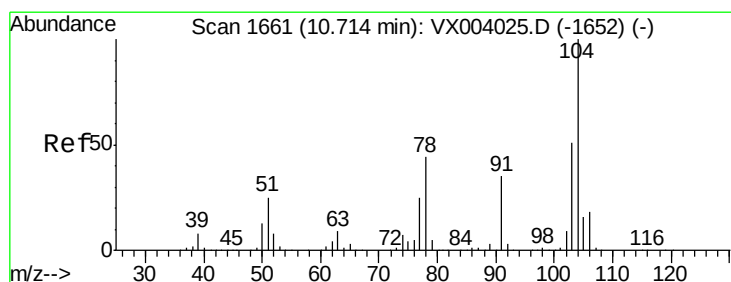
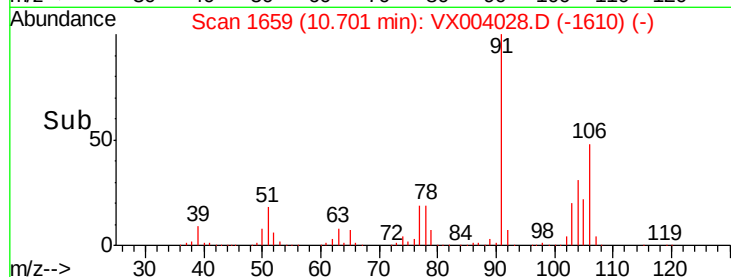
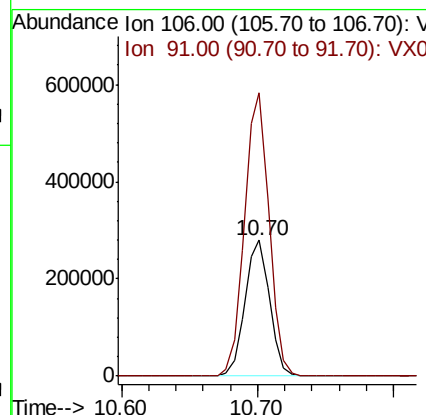
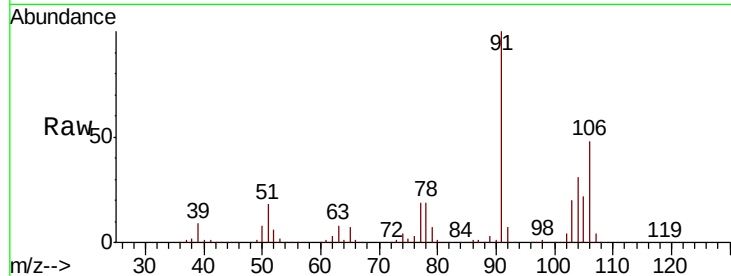
#69
o-Xylene
Concen: 52.28 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX004028.D
Acq: 14 Aug 2018 13:44

Instrument :
MSVOA_X
ClientSampleId :
ICVVX081418

Tot Ion	Ratio	Lower	Upper
106	100		
91	208.2	101.9	305.7

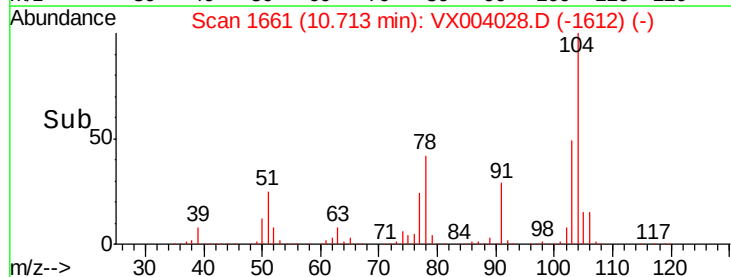
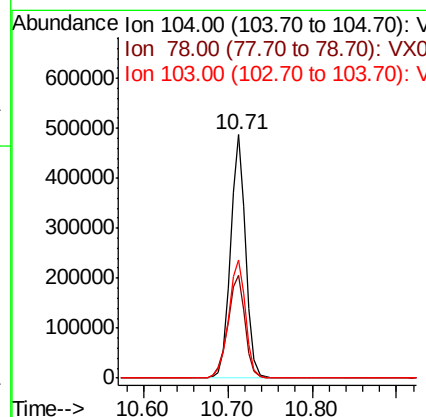
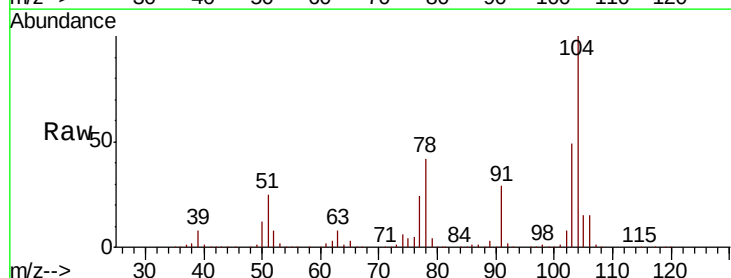
Manual Integrations
APPROVED

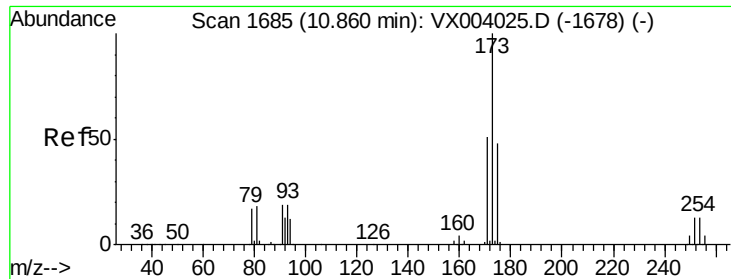
MMDadoda
8/28/2018 5:39:59 PM



#70
Styrene
Concen: 53.08 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX004028.D
Acq: 14 Aug 2018 13:44

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.1	39.8	59.6
103	54.6	44.3	66.5





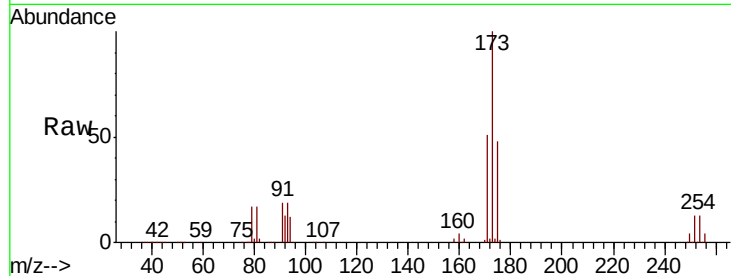
#71
Bromoform
Concen: 51.41 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. -0.00 min
Lab File: VX004028.D
Acq: 14 Aug 2018 13:44

Instrument :
MSVOA_X
ClientSampleId :
ICVVX081418

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.8	24.9	74.7
254	0.2	0.2	0.2

Manual Integrations
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8/28/2018 5:39:59 PM

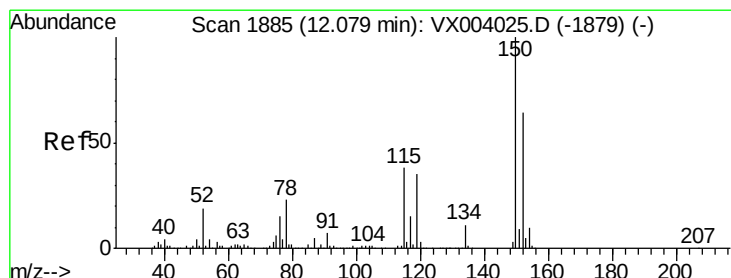
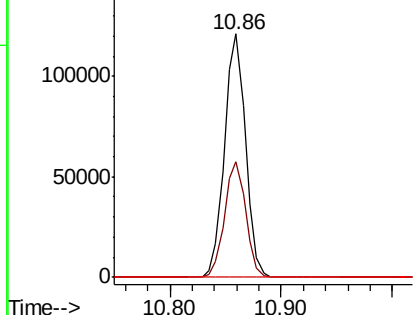
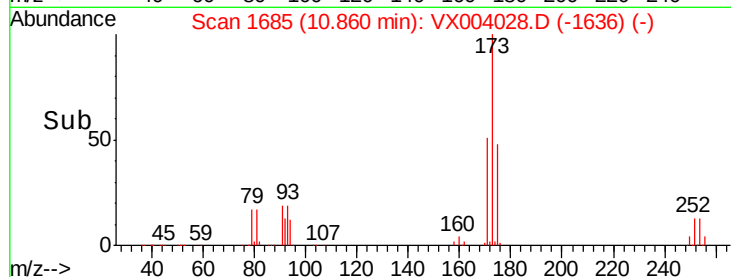


Abundance

Ion 172.70 (172.40 to 173.40): V

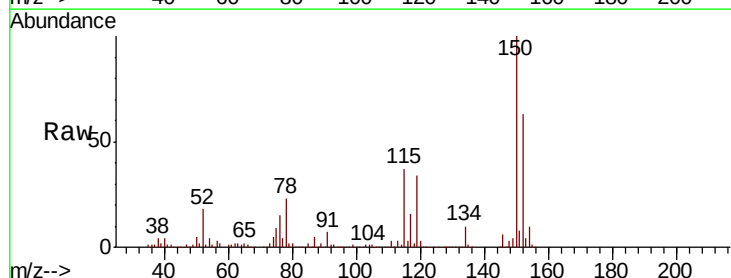
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX004028.D
Acq: 14 Aug 2018 13:44

Tgt Ion	Ratio	Lower	Upper
152	100		
115	75.4	39.1	117.3
150	174.4	0.0	349.2

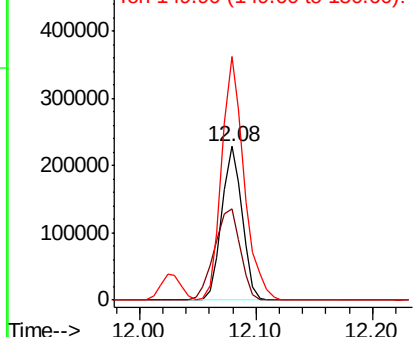
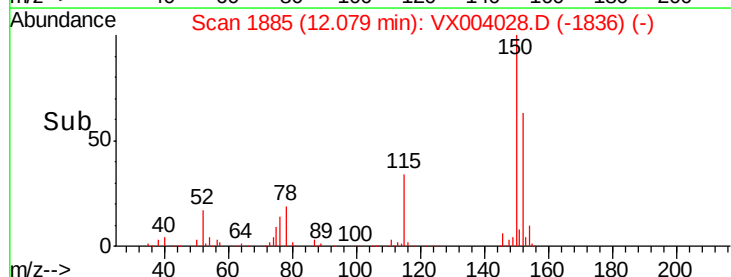


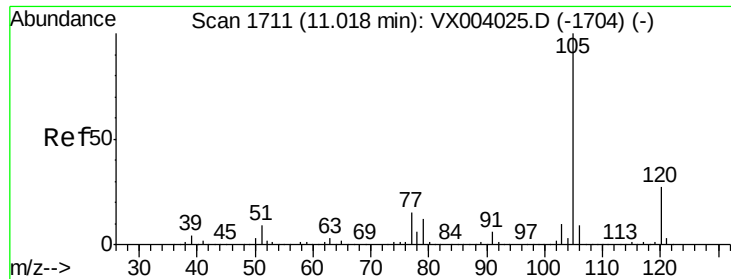
Abundance

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: 47.70 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.00 min

Lab File: VX004028.D

Acq: 14 Aug 2018 13:44

Instrument :

MSVOA_X

ClientSampleId :

ICVX081418

Tot Ion: 105 Resp: 890864

Ion Ratio Lower Upper

105 100

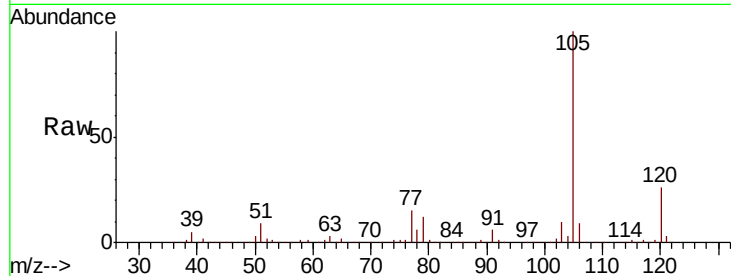
120 26.8 12.6 37.8

Manual Integrations

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8/28/2018 5:39:59 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

800000

600000

400000

200000

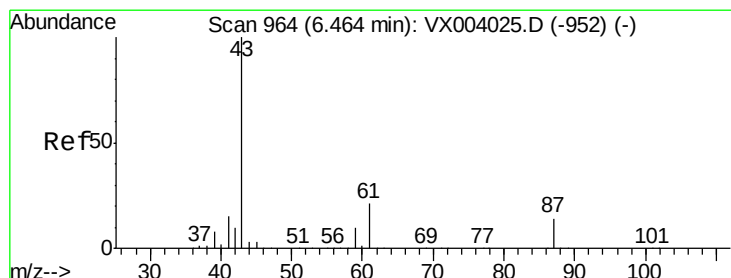
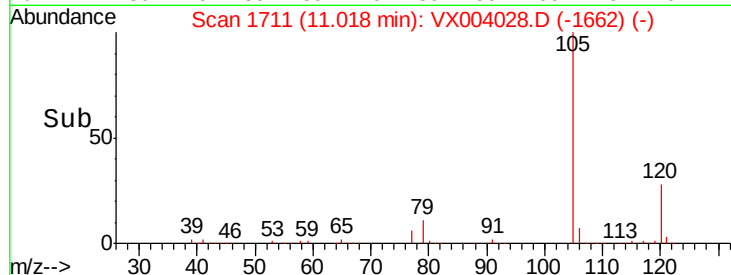
0

11.02

10.90

11.10

Time-->



#74

N-ethyl acetate

Concen: 49.36 ug/l

RT: 6.46 min Scan# 963

Delta R.T. -0.01 min

Lab File: VX004028.D

Acq: 14 Aug 2018 13:44

Tgt Ion: 43 Resp: 433650

Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0#

55 0.1 0.1 0.1

61 21.3 16.9 25.3

Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

250000

200000

150000

100000

50000

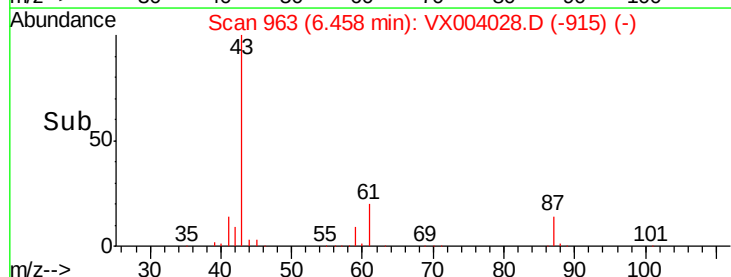
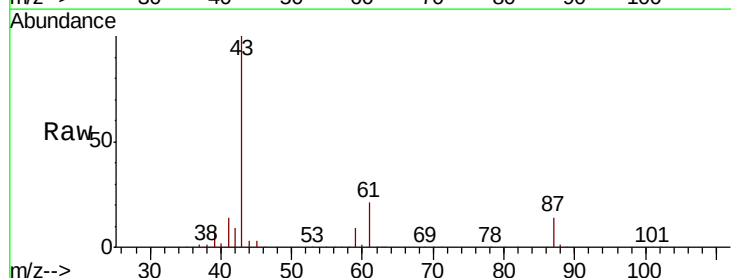
0

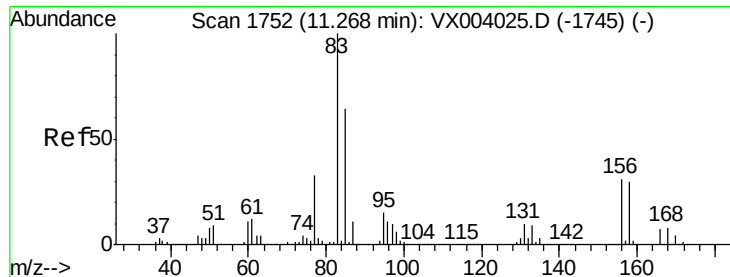
6.46

6.30

6.60

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 47.67 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. -0.00 min

Lab File: VX004028.D

Acq: 14 Aug 2018 13:44

Instrument :

MSVOA_X

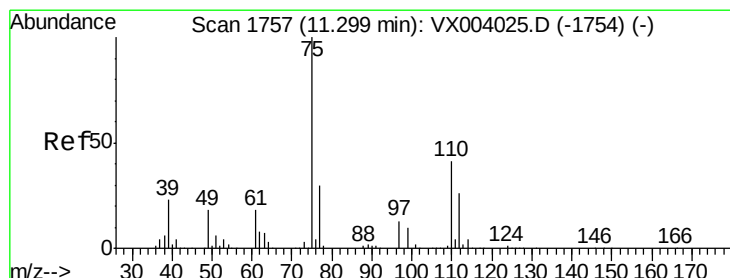
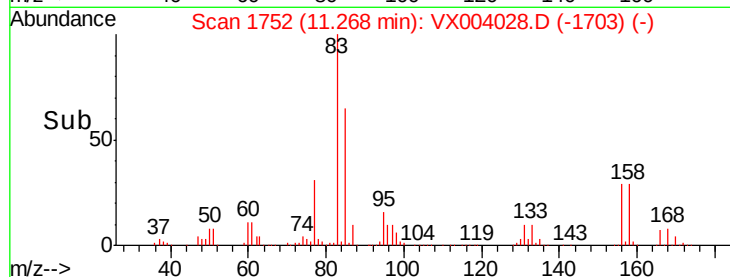
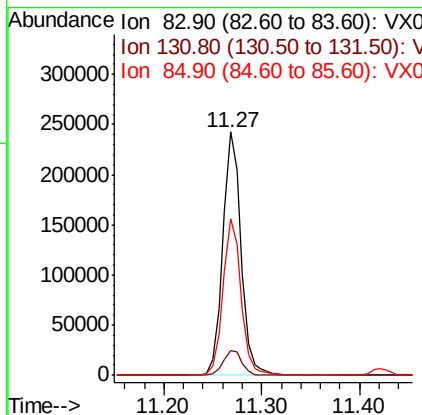
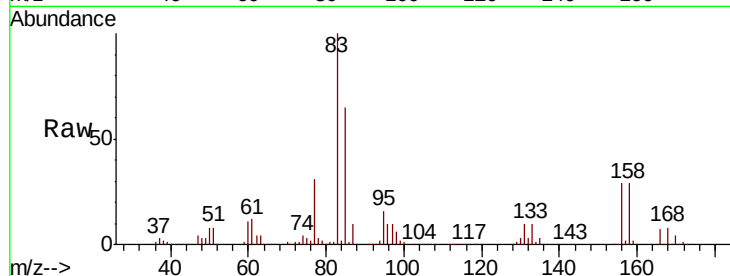
ClientSampleId :

ICVVX081418

Tot Ion:	83	Resp:	310960
Ion	Ratio	Lower	Upper
83	100		
131	10.5	5.2	15.6
85	64.4	32.2	96.6

Manual Integrations
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MMDadoda
8/28/2018 5:39:59 PM



#76

1,2,3-Trichloropropane

Concen: 51.79 ug/l m

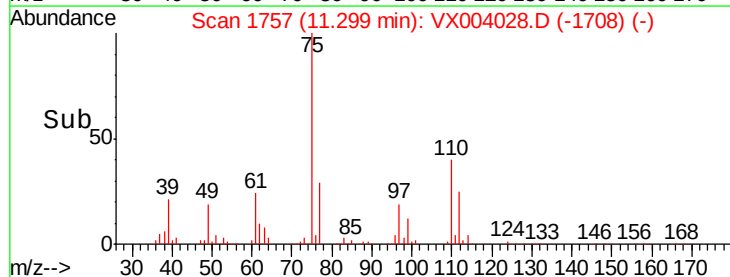
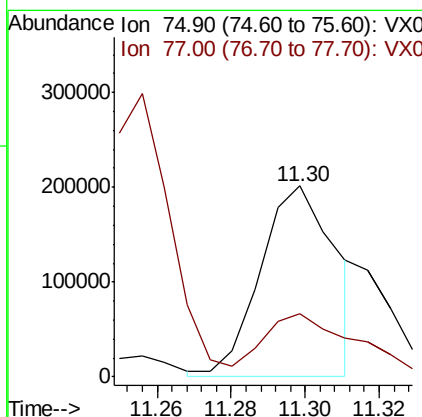
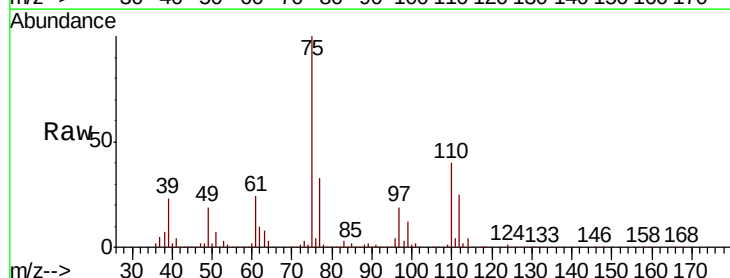
RT: 11.30 min Scan# 1757

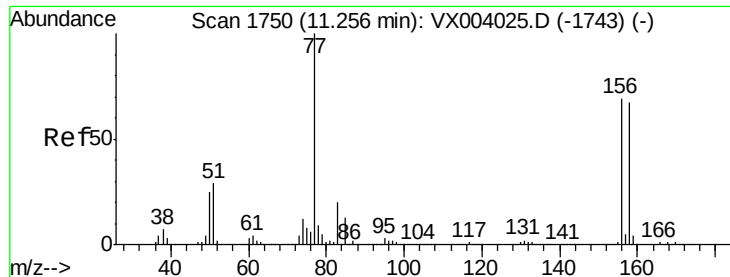
Delta R.T. -0.00 min

Lab File: VX004028.D

Acq: 14 Aug 2018 13:44

Tgt Ion:	75	Resp:	286638
Ion	Ratio	Lower	Upper
75	100		
77	40.5	20.8	62.5





#77

Bromobenzene

Concen: 49.31 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX004028.D

Acq: 14 Aug 2018 13:44

Instrument :

MSVOA_X

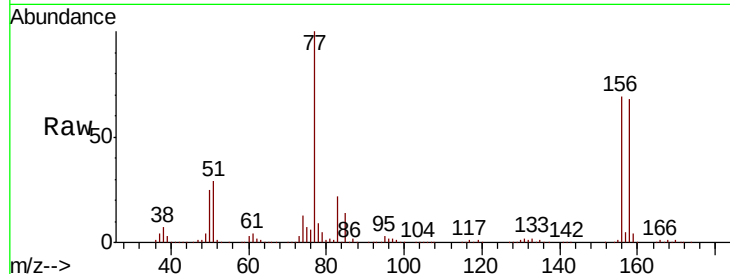
ClientSampleId :

ICVVX081418

Tot Ion:	156	Resp:	253899
Ion Ratio	Lower	Upper	
156	100		
77	147.8	74.1	222.2
158	97.7	48.6	145.9

Manual Integrations
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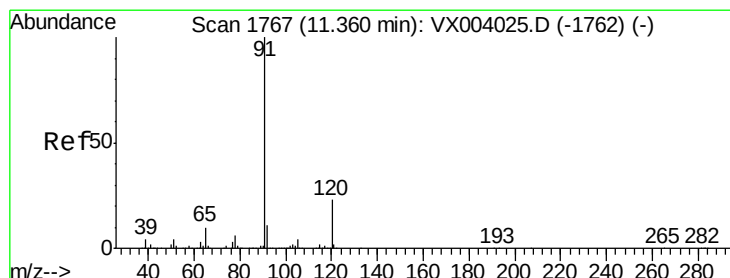
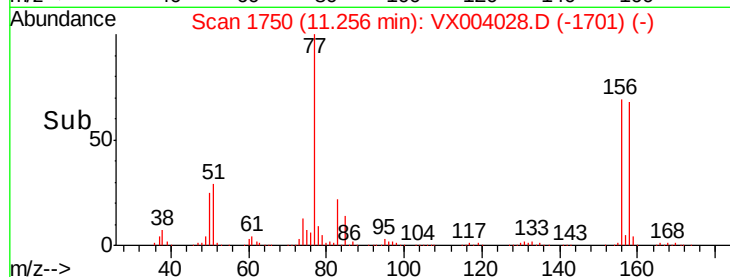
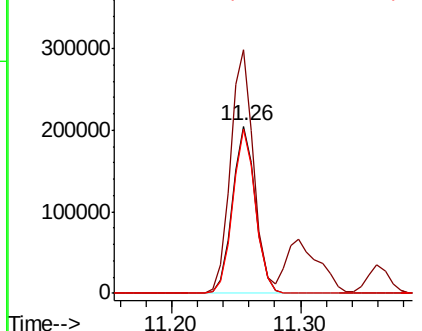
MMDadoda
8/28/2018 5:39:59 PM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.45 ug/l

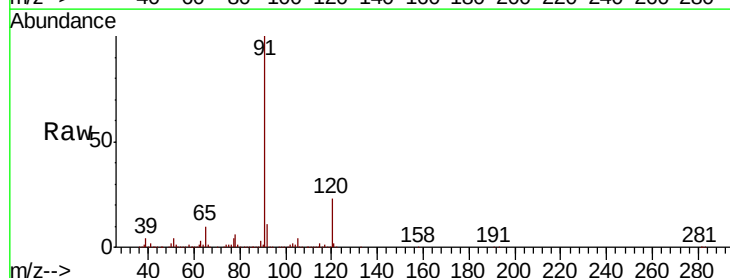
RT: 11.36 min Scan# 1767

Delta R.T. -0.00 min

Lab File: VX004028.D

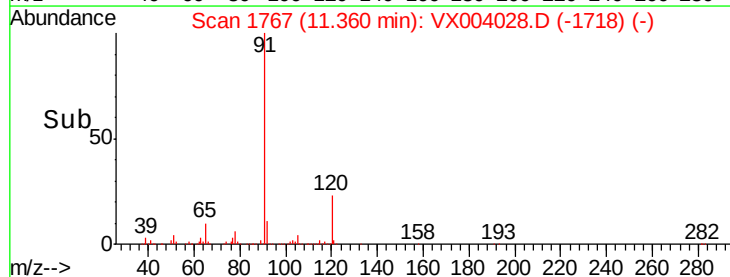
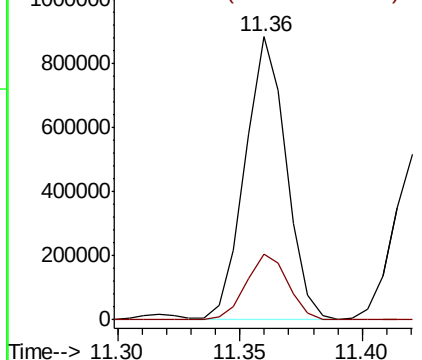
Acq: 14 Aug 2018 13:44

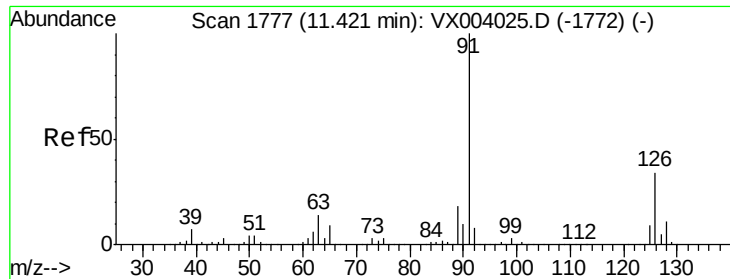
Tgt Ion:	91	Resp:	1033647
Ion Ratio	Lower	Upper	
91	100		
120	23.8	11.9	35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





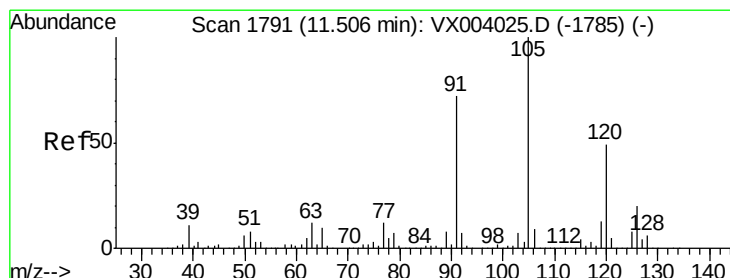
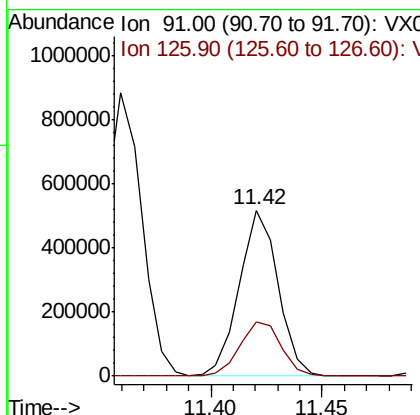
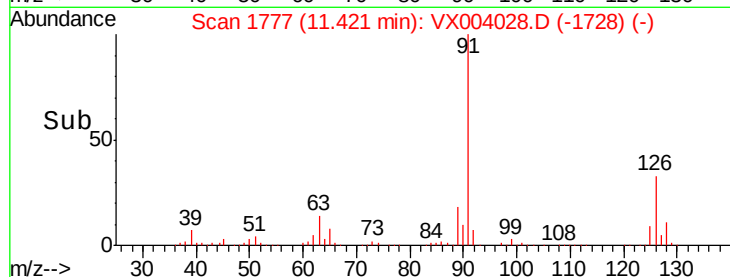
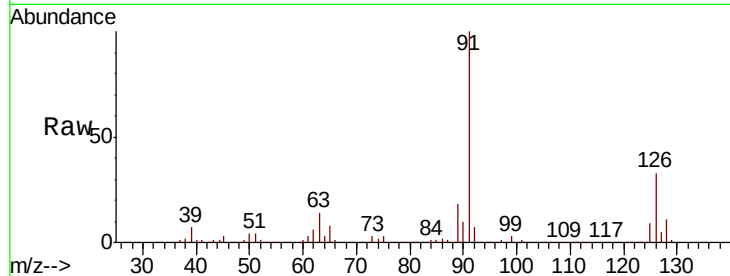
#79
 2-Chlorotoluene
 Concen: 49.31 ug/l
 RT: 11.42 min Scan# 1777
 Delta R.T. -0.00 min
 Lab File: VX004028.D
 Acq: 14 Aug 2018 13:44

Instrument :
 MSVOA_X
 ClientSampled :
 ICVVX081418

Tot Ion: 91 Resp: 628122
 Ion Ratio Lower Upper
 91 100
 126 34.9 17.4 52.3

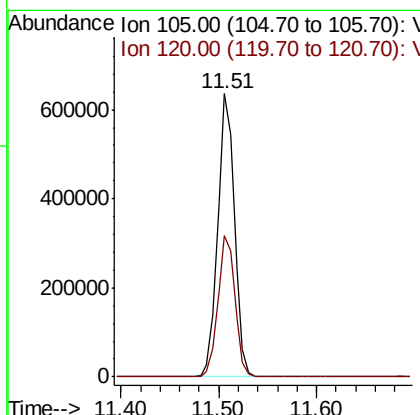
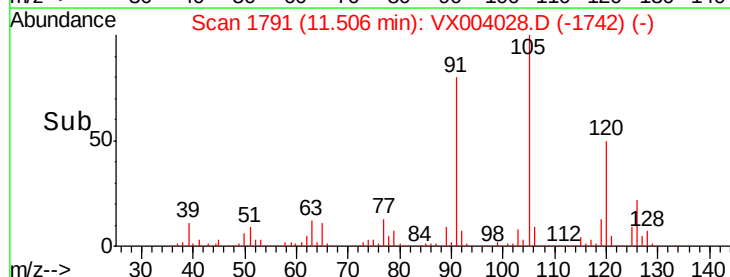
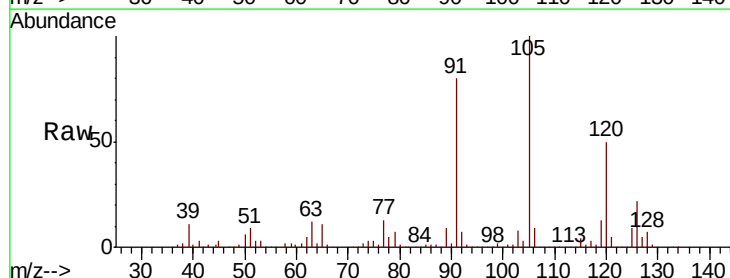
Manual Integrations
 APPROVED

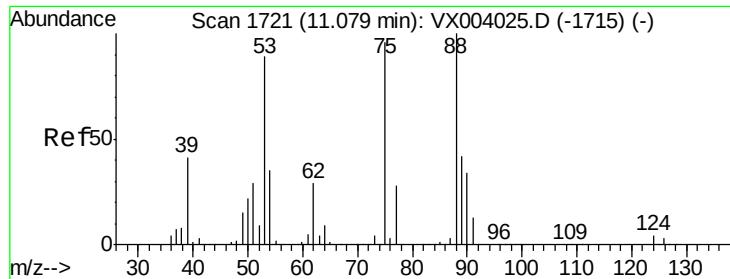
MMDadoda
 8/28/2018 5:39:59 PM



#80
 1,3,5-Trimethylbenzene
 Concen: 49.14 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX004028.D
 Acq: 14 Aug 2018 13:44

Tgt Ion: 105 Resp: 751562
 Ion Ratio Lower Upper
 105 100
 120 50.7 25.4 76.2





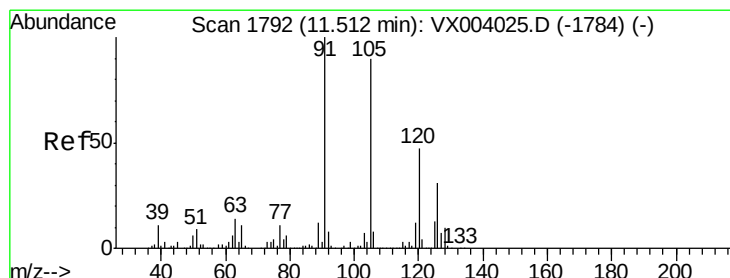
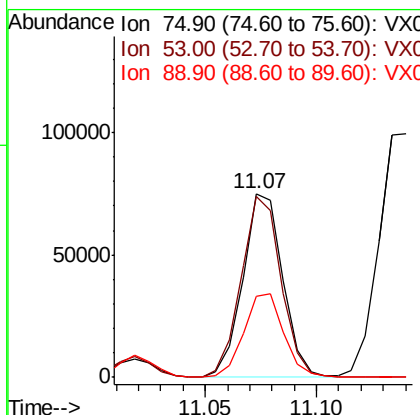
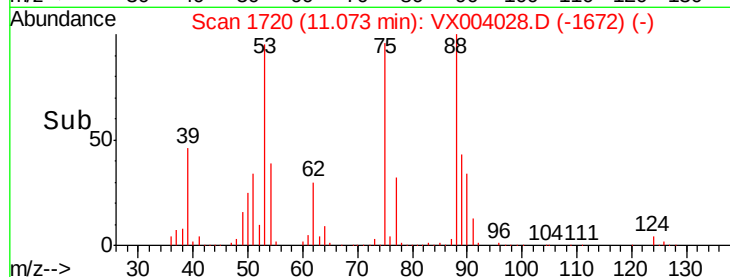
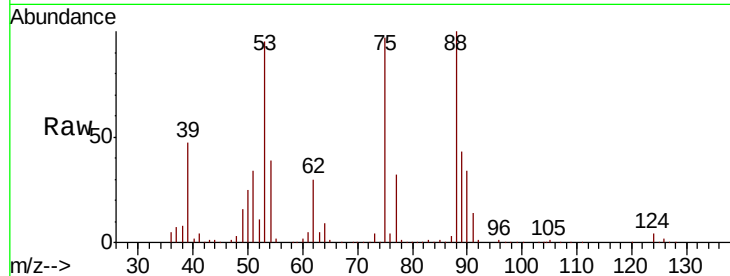
#81
trans-1,4-Dichloro-2-butene
Concen: 52.51 ug/l
RT: 11.07 min Scan# 1720
Delta R.T. -0.01 min
Lab File: VX004028.D
Acq: 14 Aug 2018 13:44

Instrument :
MSVOA_X
ClientSampleId :
ICVVX081418

Tot Ion	Ratio	Lower	Upper
75	100		
53	98.4	80.3	120.5
89	46.0	37.8	56.8

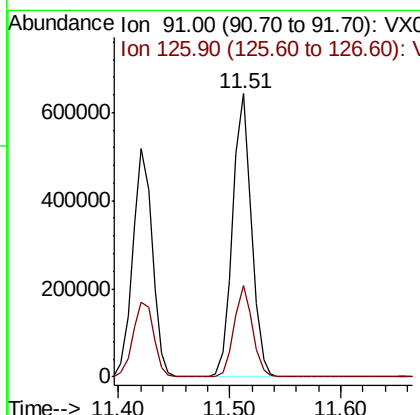
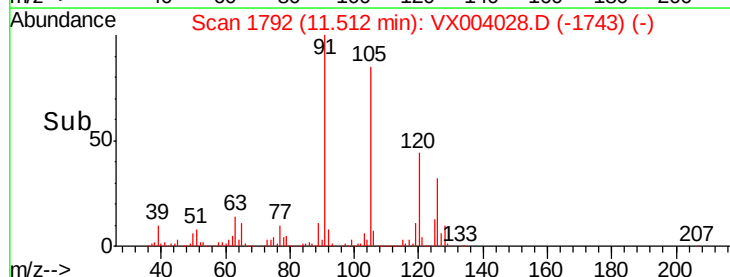
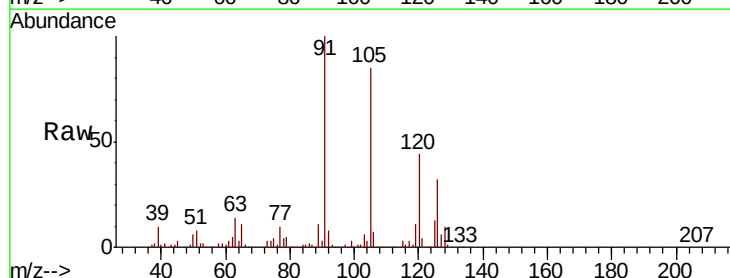
Manual Integrations
APPROVED

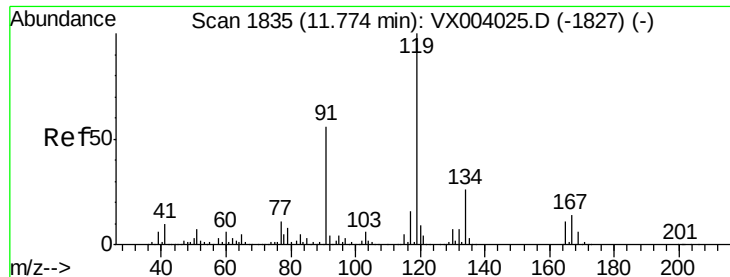
MMDadoda
8/28/2018 5:39:59 PM



#82
4-Chlorotoluene
Concen: 49.98 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX004028.D
Acq: 14 Aug 2018 13:44

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.5	15.6	46.7





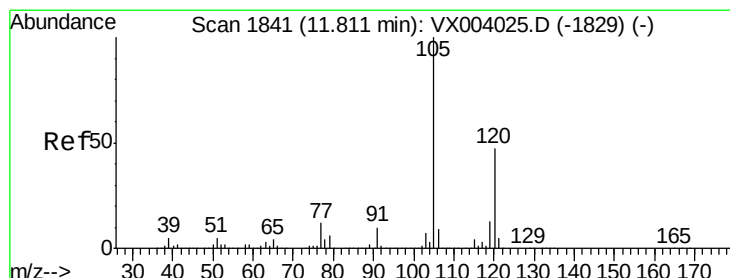
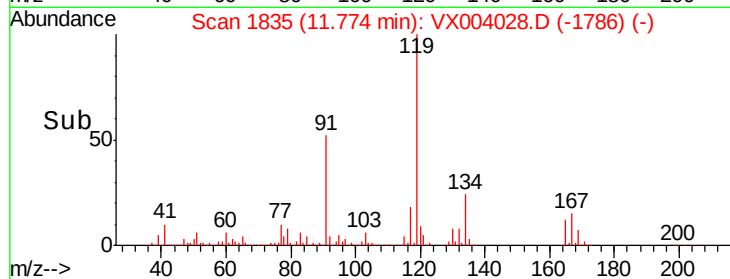
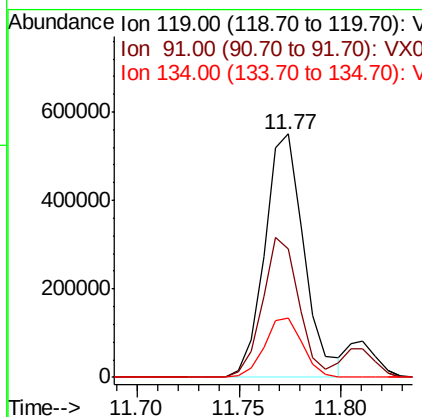
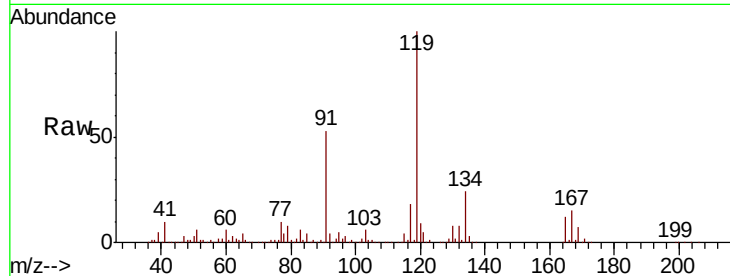
#83
 tert-Butylbenzene
 Concen: 47.97 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX004028.D
 Acq: 14 Aug 2018 13:44

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX081418

Tot Ion	Ratio	Resp	Lower	Upper
119	100	739634		
91	53.0	26.9	80.7	
134	23.7	12.0	36.0	

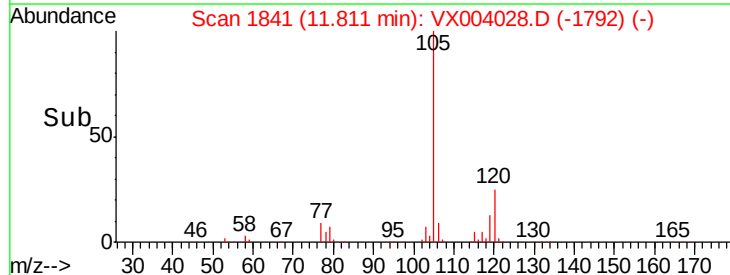
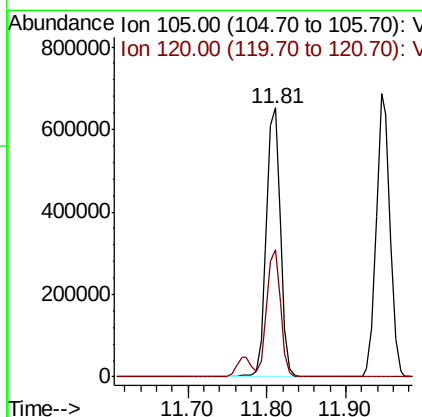
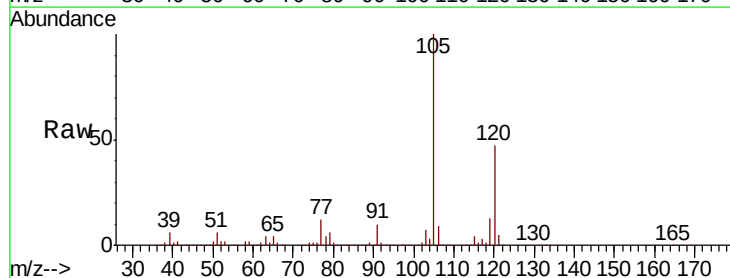
Manual Integrations
 APPROVED

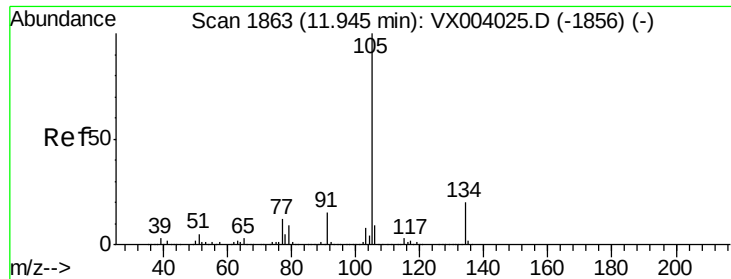
MMDadoda
 8/28/2018 5:39:59 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 50.67 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX004028.D
 Acq: 14 Aug 2018 13:44

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	802630		
120	46.5	23.1	69.2	





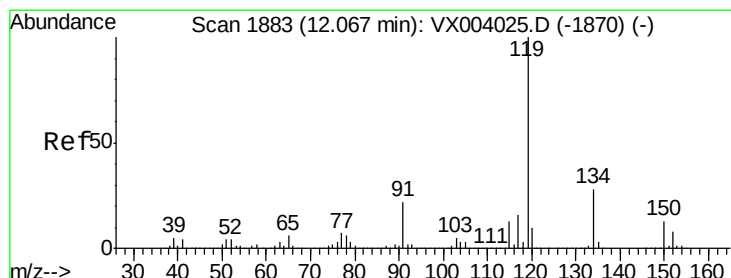
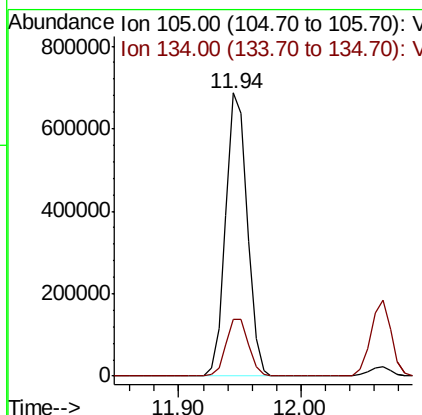
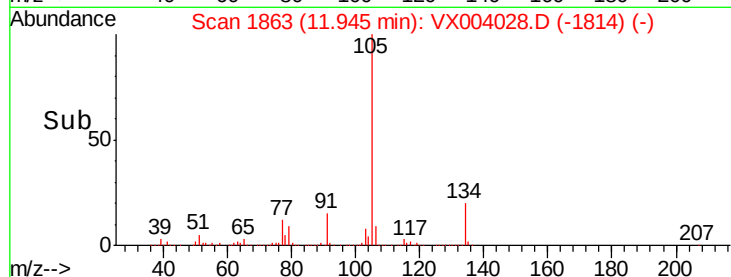
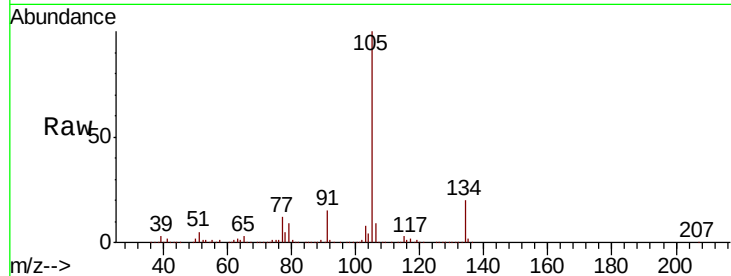
#85
 sec-Butylbenzene
 Concen: 46.41 ug/l
 RT: 11.94 min Scan# 1863
 Delta R.T. -0.00 min
 Lab File: VX004028.D
 Acq: 14 Aug 2018 13:44

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX081418

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.9	10.3	30.9

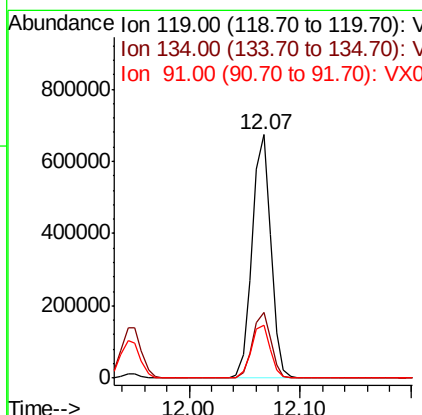
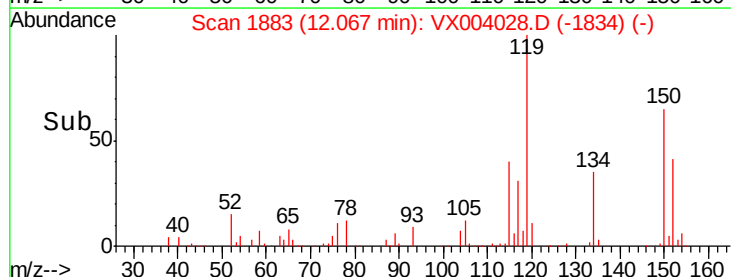
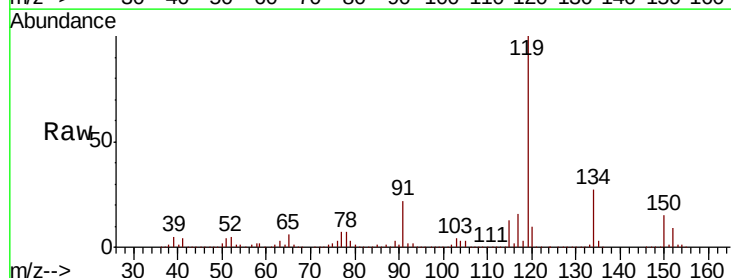
Manual Integrations
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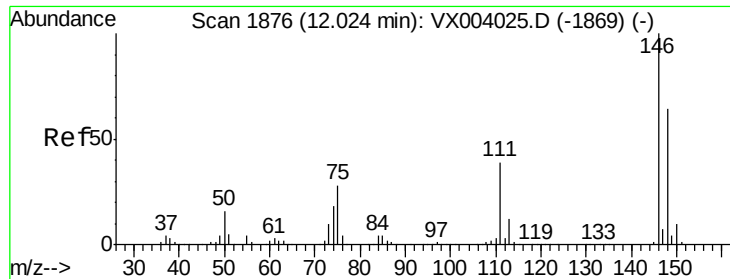
MMDadoda
 8/28/2018 5:39:59 PM



#86
 p-Isopropyltoluene
 Concen: 48.21 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX004028.D
 Acq: 14 Aug 2018 13:44

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.0	13.3	39.8
91	22.0	10.9	32.7





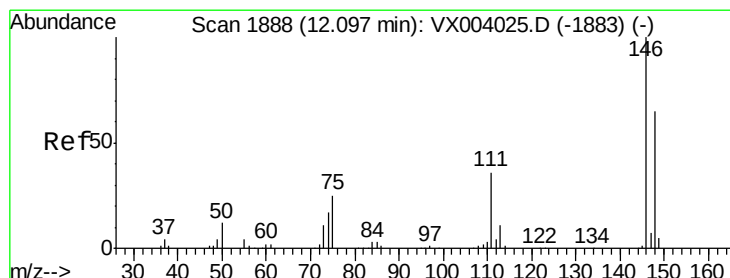
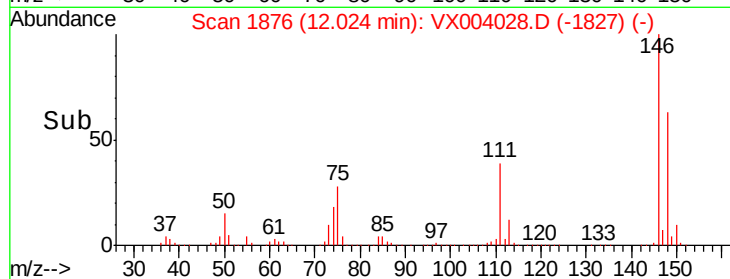
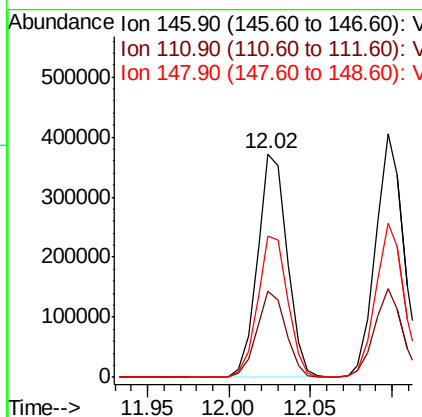
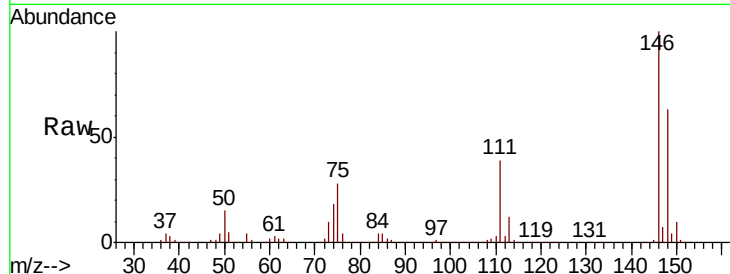
#87
 1,3-Dichlorobenzene
 Concen: 47.90 ug/l
 RT: 12.02 min Scan# 1876
 Delta R.T. -0.00 min
 Lab File: VX004028.D
 Acq: 14 Aug 2018 13:44

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX081418

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	18.8	56.4
148	64.2	31.9	95.5

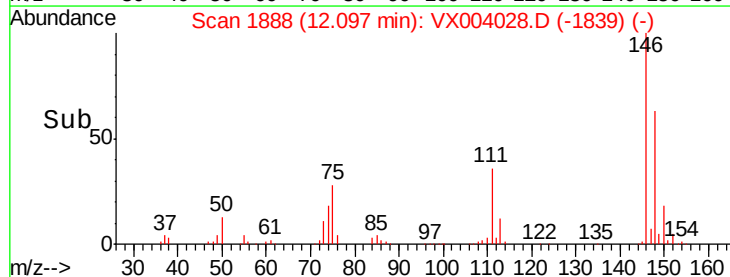
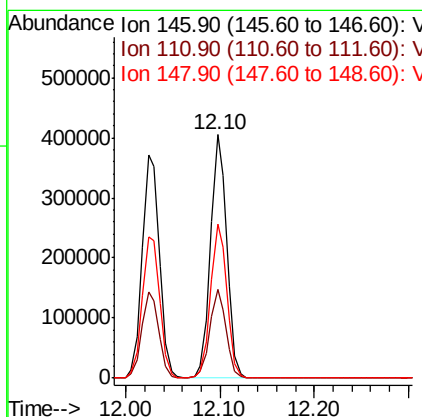
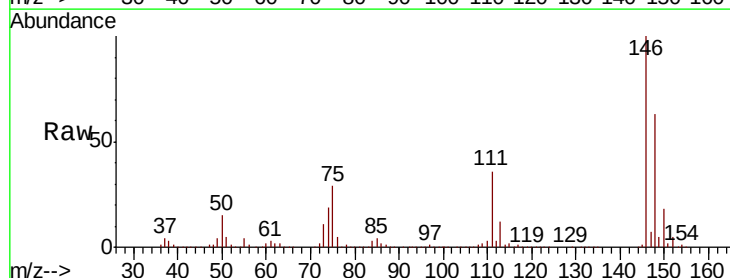
Manual Integrations
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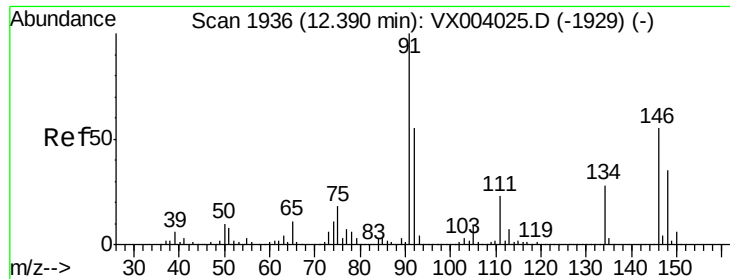
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 8/28/2018 5:39:59 PM



#88
 1,4-Dichlorobenzene
 Concen: 47.93 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. -0.00 min
 Lab File: VX004028.D
 Acq: 14 Aug 2018 13:44

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.5	18.4	55.0
148	63.5	32.3	96.8





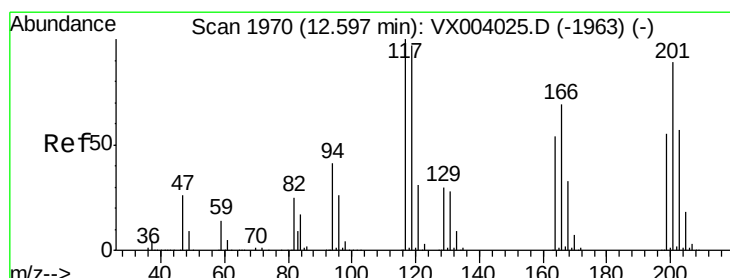
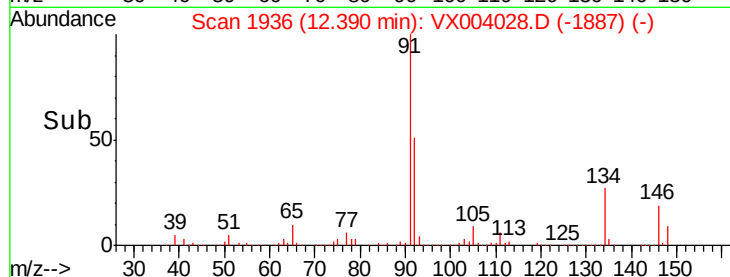
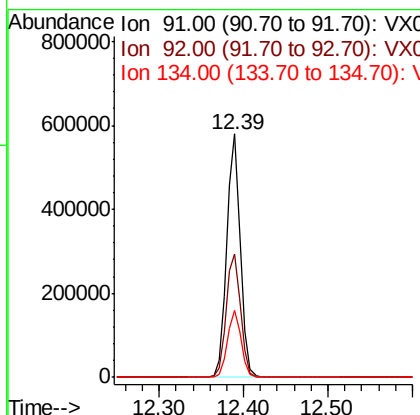
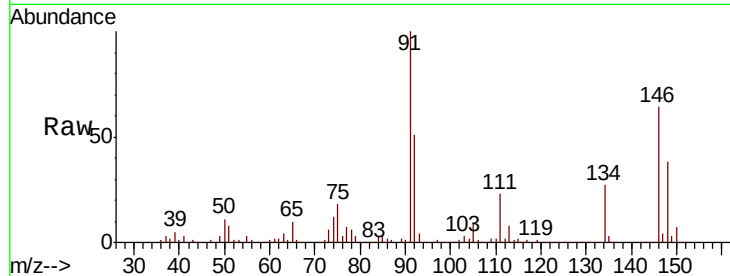
#89
n-Butylbenzene
Concen: 50.20 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX004028.D
Acq: 14 Aug 2018 13:44

Instrument :
MSVOA_X
ClientSampleId :
ICVVX081418

Tot Ion	Ratio	Resp	Lower	Upper
91	100	646247		
92	53.7	27.1	81.3	
134	27.4	13.6	40.7	

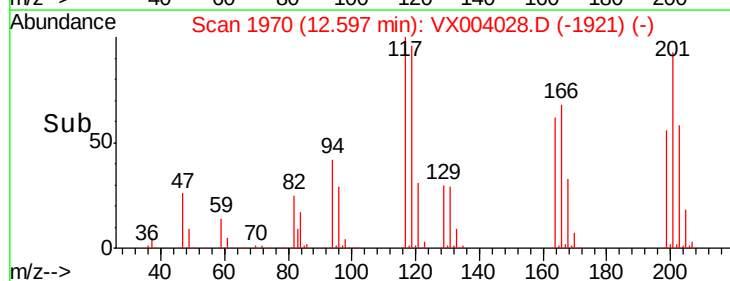
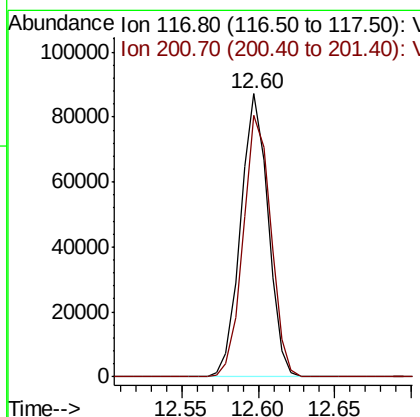
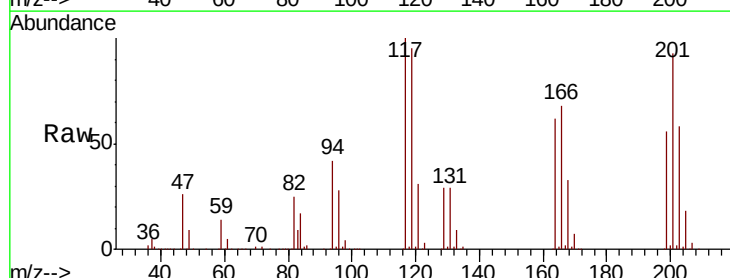
Manual Integrations
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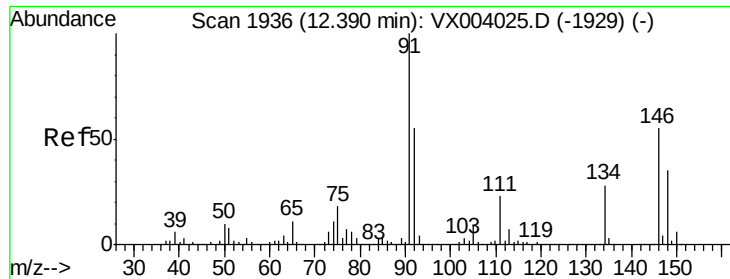
MMDadoda
8/28/2018 5:39:59 PM



#90
Hexachloroethane
Concen: 44.30 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.00 min
Lab File: VX004028.D
Acq: 14 Aug 2018 13:44

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	108301		
201	93.5	46.1	138.2	





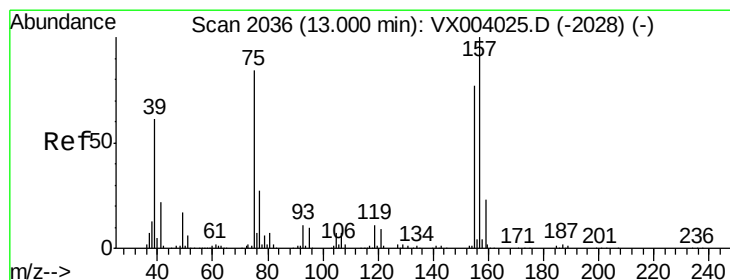
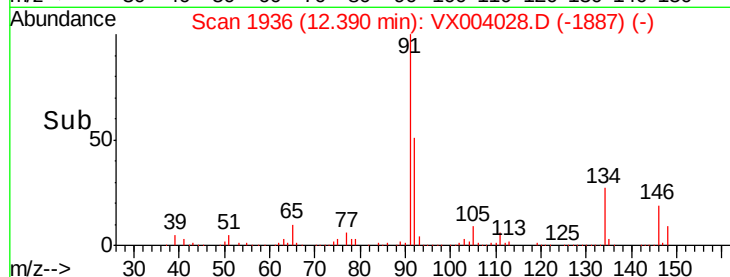
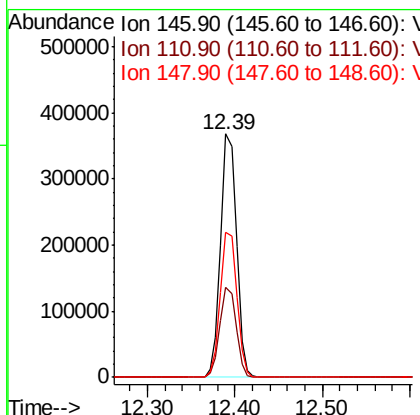
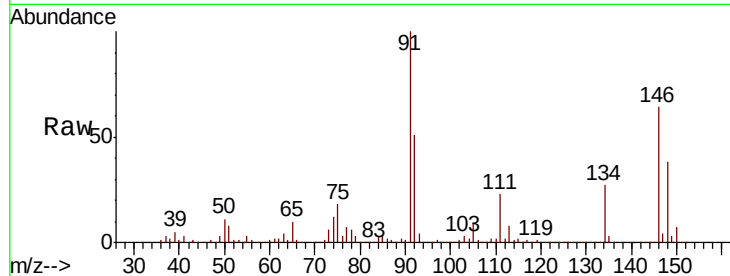
#91
 1,2-Dichlorobenzene
 Concen: 52.13 ug/l
 RT: 12.39 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VX004028.D
 Acq: 14 Aug 2018 13:44

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX081418

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	19.7	59.0
148	61.9	31.9	95.5

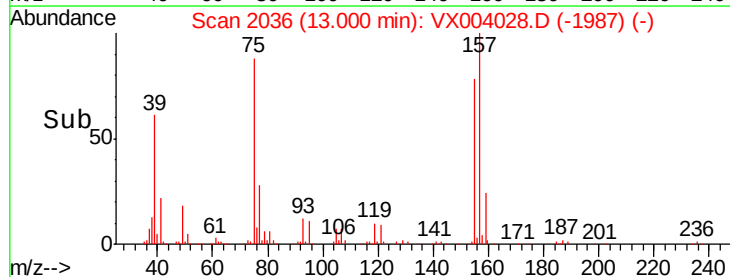
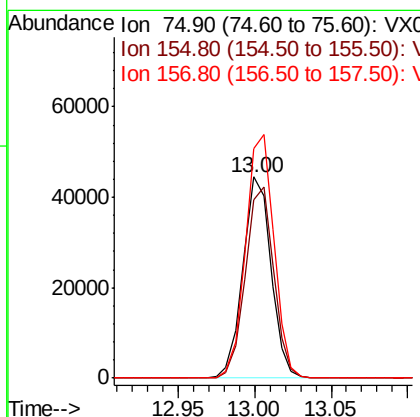
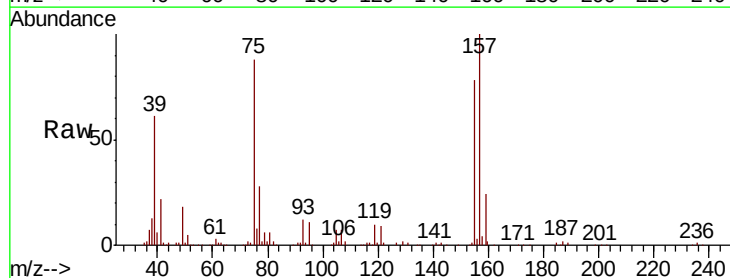
Manual Integrations
 APPROVED

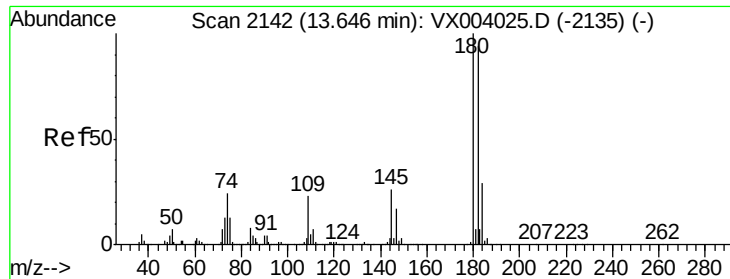
MMDadoda
 8/28/2018 5:39:59 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.52 ug/l
 RT: 13.00 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: VX004028.D
 Acq: 14 Aug 2018 13:44

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.6	48.7	146.1
157	122.1	62.6	187.8





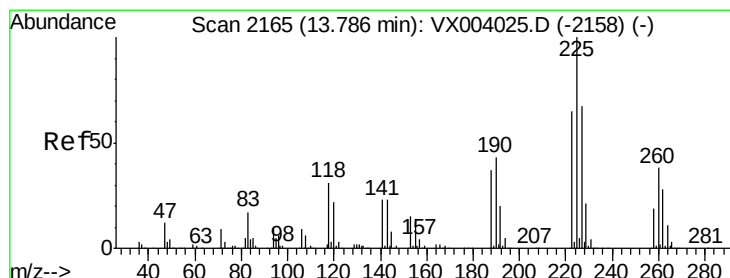
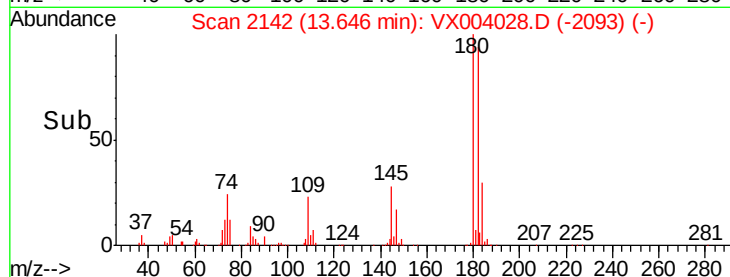
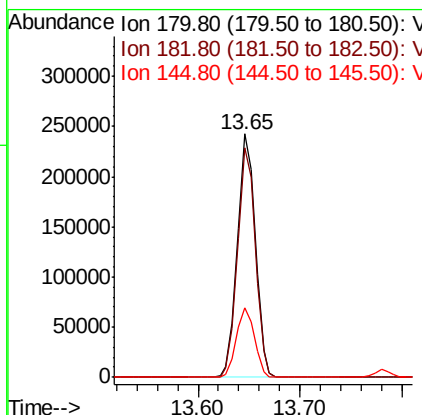
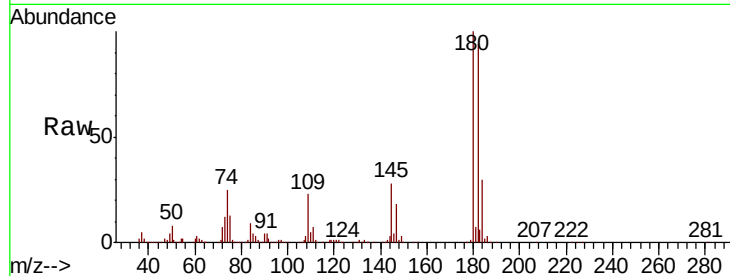
#93
 1,2,4-Trichlorobenzene
 Concen: 48.30 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. -0.00 min
 Lab File: VX004028.D
 Acq: 14 Aug 2018 13:44

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX081418

Tot Ion	Ratio	Resp	Lower	Upper
180	100	292389		
182	94.2	47.7	143.1	
145	28.9	13.9	41.6	

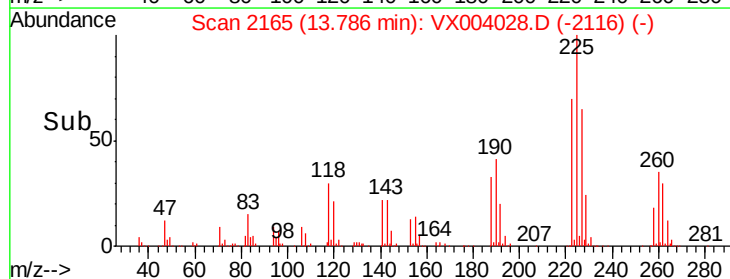
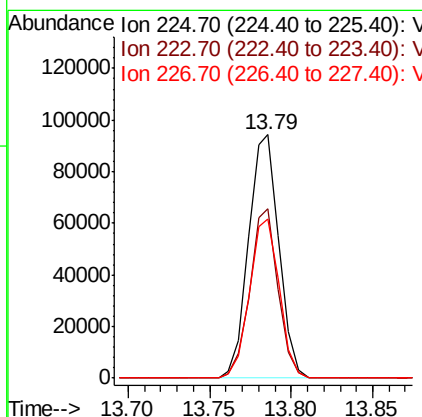
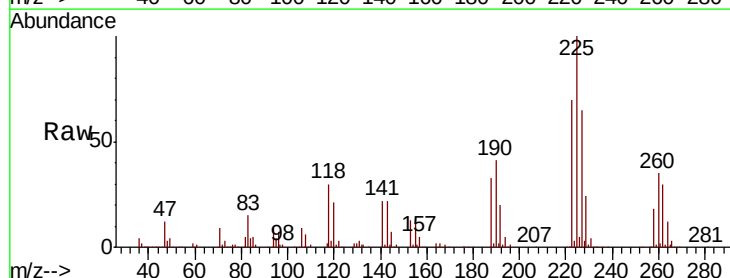
Manual Integrations
 APPROVED

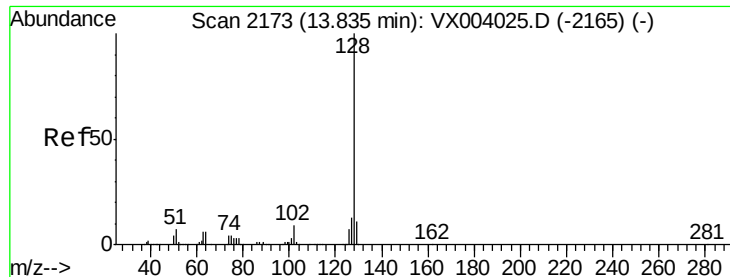
MMDadoda
 8/28/2018 5:39:59 PM



#94
 Hexachlorobutadiene
 Concen: 40.25 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX004028.D
 Acq: 14 Aug 2018 13:44

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	122131		
223	65.0	31.4	94.0	
227	64.1	32.1	96.5	





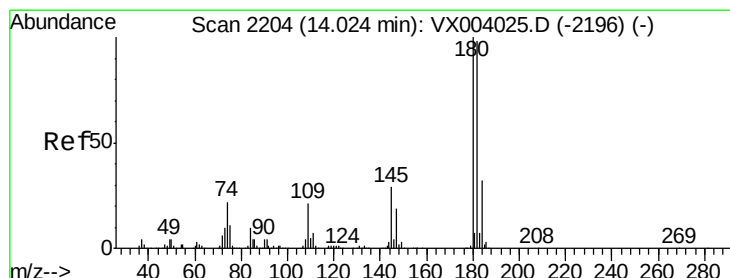
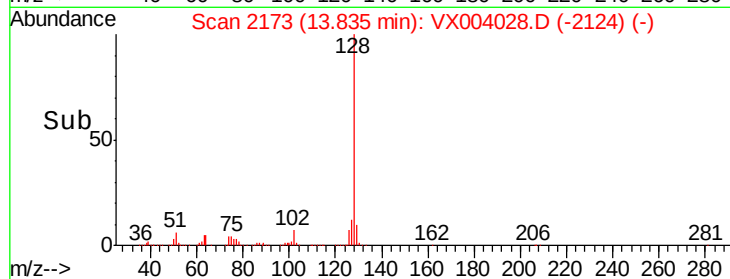
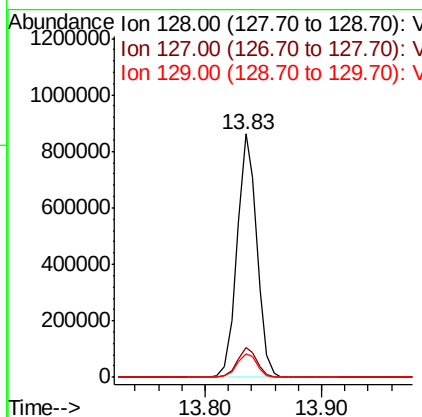
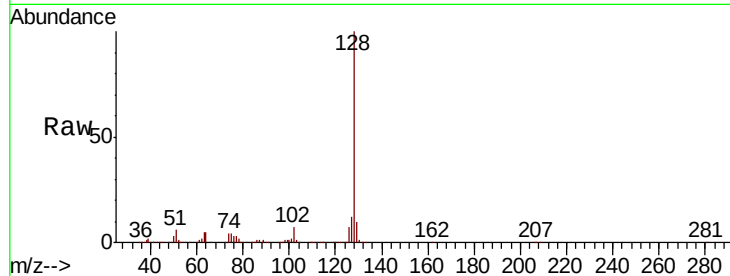
#95
Naphthalene
Concen: 52.44 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VX004028.D
Acq: 14 Aug 2018 13:44

Instrument :
MSVOA_X
ClientSampleId :
ICVVX081418

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.2	15.2
129	10.0	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
8/28/2018 5:39:59 PM



#96
1,2,3-Trichlorobenzene
Concen: 47.49 ug/l
RT: 14.02 min Scan# 2203
Delta R.T. -0.01 min
Lab File: VX004028.D
Acq: 14 Aug 2018 13:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	48.1	144.4
145	30.3	14.9	44.7

