

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091118\
 Data File : VX004470.D
 Acq On : 11 Sep 2018 16:42
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICSVX091118

Manual Integrations
 APPROVED

MMDadoda
 9/12/2018 11:26:38 AM

Quant Time: Sep 12 02:20:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 02:17:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	278133	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	345472	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	329065	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	203633	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	173613	48.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.82%	
35) Dibromofluoromethane	5.50	113	155331	49.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.26%	
50) Toluene-d8	8.71	98	528529	49.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.70%	
62) 4-Bromofluorobenzene	11.14	95	196415	51.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	123934	47.55	ug/l	97
3) Chloromethane	1.32	50	163585	45.60	ug/l	96
4) Vinyl Chloride	1.40	62	164946	44.80	ug/l	93
5) Bromomethane	1.64	94	89226	58.07	ug/l	94
6) Chloroethane	1.71	64	104240	43.78	ug/l	94
7) Trichlorofluoromethane	1.92	101	225245	46.15	ug/l	99
8) Diethyl Ether	2.18	74	101909	46.57	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.38	101	142552	46.04	ug/l	98
10) Methyl Iodide	2.51	142	156549	42.95	ug/l	97
11) Tert butyl alcohol	3.07	59	196344	229.44	ug/l	99
12) 1,1-Dichloroethene	2.37	96	133481	45.93	ug/l	89
13) Acrolein	2.29	56	77287	228.80	ug/l	97
14) Allyl chloride	2.73	41	283980	47.53	ug/l	95
15) Acrylonitrile	3.15	53	470450	228.29	ug/l	98
16) Acetone	2.45	43	372999	213.10	ug/l	99
17) Carbon Disulfide	2.57	76	389877	46.41	ug/l	100
18) Methyl Acetate	2.78	43	221271	45.06	ug/l	94
19) Methyl tert-butyl Ether	3.20	73	488882	47.94	ug/l	97
20) Methylene Chloride	2.85	84	159379	44.39	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	149965	46.70	ug/l	96
22) Diisopropyl ether	3.87	45	504387	46.87	ug/l	92
23) Vinyl Acetate	3.82	43	2252729	258.69	ug/l	98
24) 1,1-Dichloroethane	3.70	63	288763	47.53	ug/l	96
25) 2-Butanone	4.70	43	616572	221.33	ug/l	98
26) 2,2-Dichloropropane	4.57	77	212207	50.86	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	169882	47.39	ug/l	97
28) Bromochloromethane	5.02	49	139252	50.11	ug/l	95
29) Tetrahydrofuran	5.15	42	399170	237.61	ug/l	97
30) Chloroform	5.21	83	271146	45.71	ug/l	87
31) Cyclohexane	5.57	56	257093	49.56	ug/l	87
32) 1,1,1-Trichloroethane	5.49	97	217716	45.57	ug/l	98
36) 1,1-Dichloropropene	5.79	75	210045	50.08	ug/l	99
37) Ethyl Acetate	4.86	43	234458	49.15	ug/l	99
38) Carbon Tetrachloride	5.78	117	193421	47.22	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	230662	52.70	ug/l	96
40) Benzene	6.14	78	575103	46.21	ug/l	100
41) Methacrylonitrile	5.06	41	132161	50.28	ug/l	98
42) 1,2-Dichloroethane	6.20	62	188685	45.72	ug/l	99
43) Isopropyl Acetate	6.46	43	318040	50.20	ug/l	99
44) Trichloroethene	7.21	130	156237	48.32	ug/l	97
45) 1,2-Dichloropropane	7.52	63	148806	49.69	ug/l	99
46) Dibromomethane	7.66	93	94857	50.14	ug/l	98
47) Bromodichloromethane	7.90	83	179588	50.20	ug/l	99
48) Methyl methacrylate	7.77	41	167987	53.57	ug/l	97
49) 1,4-Dioxane	7.76	88	77364	1042.45	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1067883	238.83	ug/l	97
52) Toluene	8.79	92	354258	48.32	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	210093	50.27	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	229606	53.90	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	143424	45.43	ug/l	96
56) Ethyl methacrylate	9.18	69	223803	50.11	ug/l	98
57) 1,3-Dichloropropane	9.37	76	243091	47.39	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	578634	254.17	ug/l	95
59) 2-Hexanone	9.50	43	823353	240.07	ug/l	97
60) Dibromochloromethane	9.59	129	147085	49.49	ug/l	100
61) 1,2-Dibromoethane	9.67	107	151308	50.17	ug/l	99
64) Tetrachloroethene	9.34	164	169404	41.23	ug/l	98
65) Chlorobenzene	10.14	112	400473	49.00	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.23	131	140627	49.89	ug/l	99
67) Ethyl Benzene	10.26	91	683580	51.43	ug/l	99
68) m/p-Xylenes	10.36	106	536767	104.84	ug/l	97
69) o-Xylene	10.70	106	255382	51.89	ug/l	98
70) Styrene	10.71	104	434928	53.34	ug/l	98
71) Bromoform	10.86	173	114913	49.65	ug/l #	98
73) Isopropylbenzene	11.02	105	691861	51.59	ug/l	99
74) N-amyl acetate	10.90	43	296723	52.57	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.27	83	210578	48.68	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	202763m	49.49	ug/l	
77) Bromobenzene	11.26	156	183962	49.63	ug/l	98
78) n-propylbenzene	11.36	91	802420	52.04	ug/l	100
79) 2-Chlorotoluene	11.42	91	471028	50.37	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	592825	52.58	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.08	75	69903	54.39	ug/l	94
82) 4-Chlorotoluene	11.51	91	563521	51.63	ug/l	100
83) tert-Butylbenzene	11.77	119	557377	51.93	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	609777	52.97	ug/l	98
85) sec-Butylbenzene	11.94	105	709345	51.86	ug/l	99
86) p-Isopropyltoluene	12.07	119	641838	53.14	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	342845	49.57	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	353431	49.46	ug/l	99
89) n-Butylbenzene	12.39	91	584653	53.12	ug/l	98
90) Hexachloroethane	12.60	117	95804	49.55	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	343592	49.08	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	47440	51.36	ug/l	99

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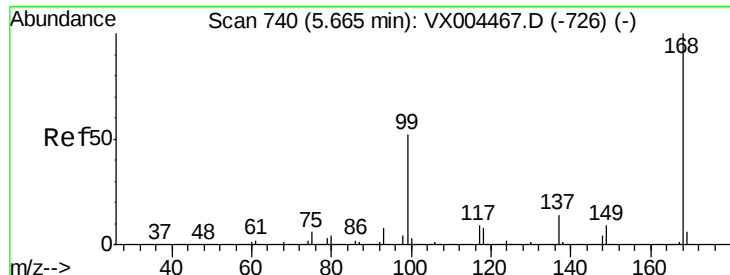
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	262960	53.05	ug/l	99
94) Hexachlorobutadiene	13.79	225	127102	49.09	ug/l	97
95) Naphthalene	13.83	128	750663	54.00	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	261504	51.35	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX004470.D

Acq: 11 Sep 2018 16:42

Tot Ion: 168 Resp: 278133

Ion Ratio Lower Upper

168 100

99 48.1 39.9 59.9

Instrument :

MSVOA_X

ClientSampled :

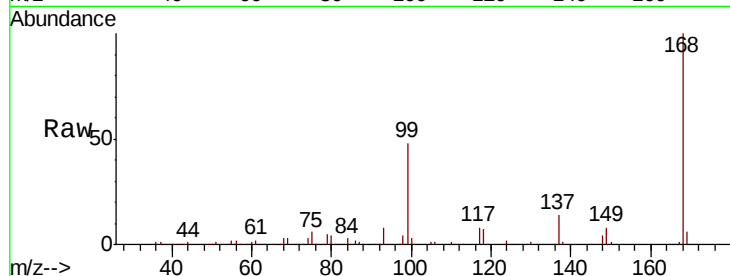
ICVVX091118

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

120000

100000

80000

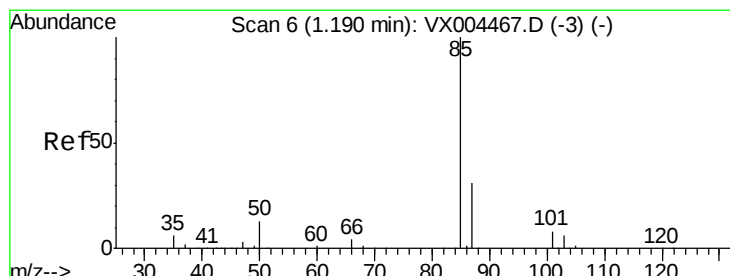
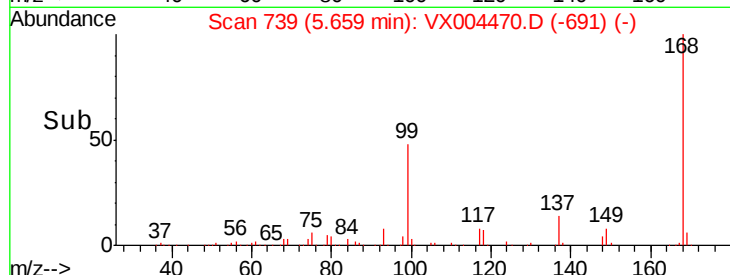
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 47.55 ug/l

RT: 1.19 min Scan# 6

Delta R.T. -0.00 min

Lab File: VX004470.D

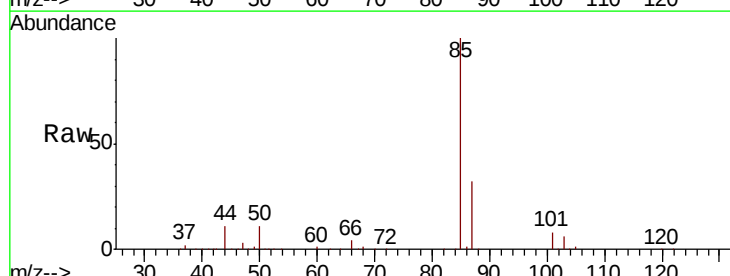
Acq: 11 Sep 2018 16:42

Tgt Ion: 85 Resp: 123934

Ion Ratio Lower Upper

85 100

87 32.4 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

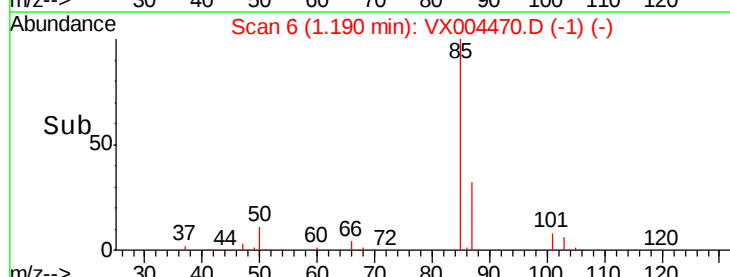
1.19

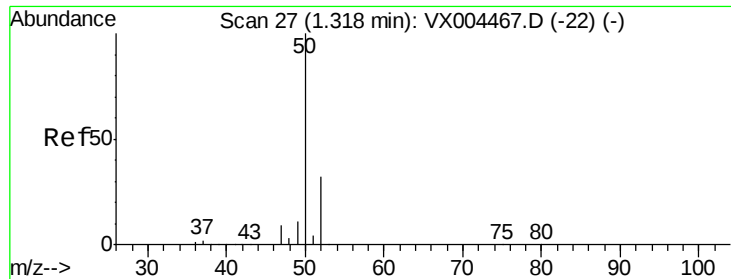
100000

50000

0

Time-->





#3

Chloromethane

Concen: 45.60 ug/l

RT: 1.32 min Scan# 27

Delta R.T. -0.00 min

Lab File: VX004470.D

Acq: 11 Sep 2018 16:42

Instrument :

MSVOA_X

ClientSampleId :

ICVVX091118

Tot Ion: 50 Resp: 163585

Ion Ratio Lower Upper

50 100

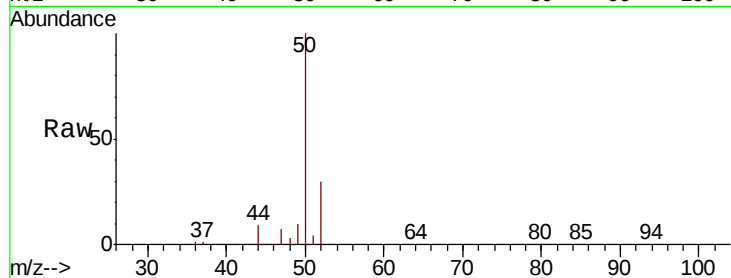
52 30.4 26.2 39.2

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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

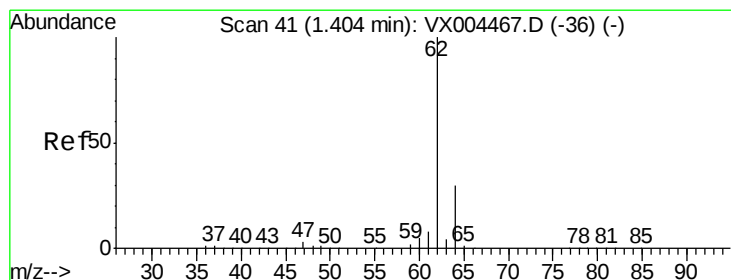
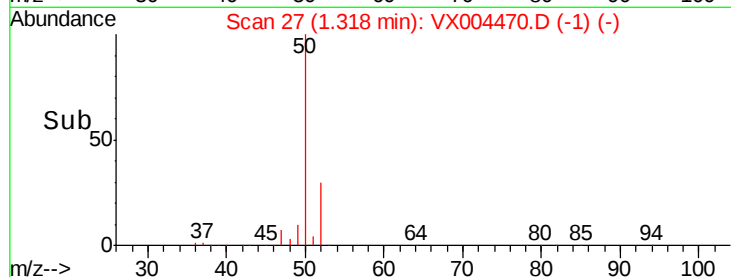
150000

100000

50000

0

Time--> 1.25 1.30 1.35 1.40



#4

Vinyl Chloride

Concen: 44.80 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX004470.D

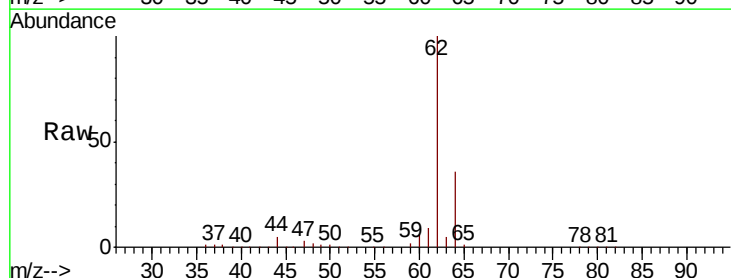
Acq: 11 Sep 2018 16:42

Tgt Ion: 62 Resp: 164946

Ion Ratio Lower Upper

62 100

64 36.1 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

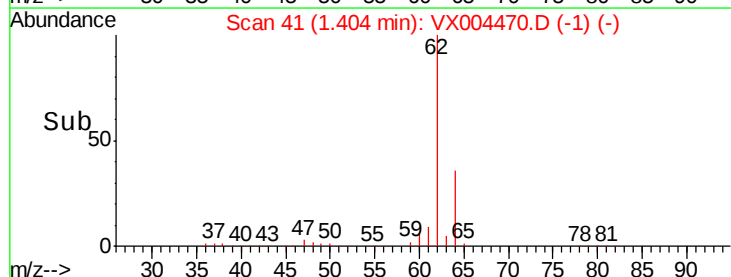
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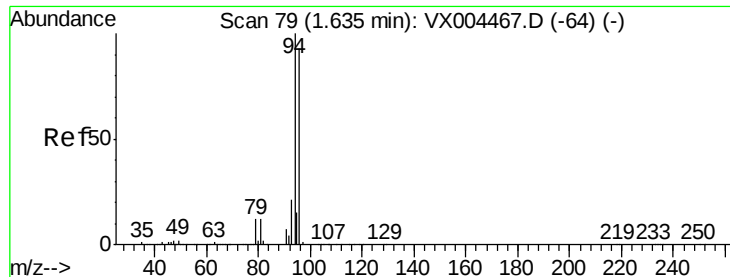
100000

50000

0

Time--> 1.30 1.40 1.50





#5

Bromomethane

Concen: 58.07 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX004470.D

Acq: 11 Sep 2018 16:42

Instrument :

MSVOA_X

ClientSampleId :

ICVVX091118

Tot Ion: 94 Resp: 89226

Ion Ratio Lower Upper

94 100

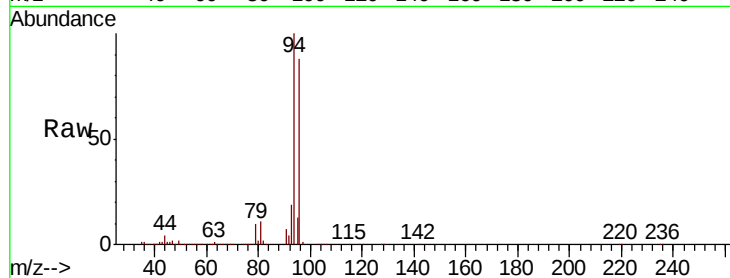
96 87.7 74.5 111.7

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

100000

80000

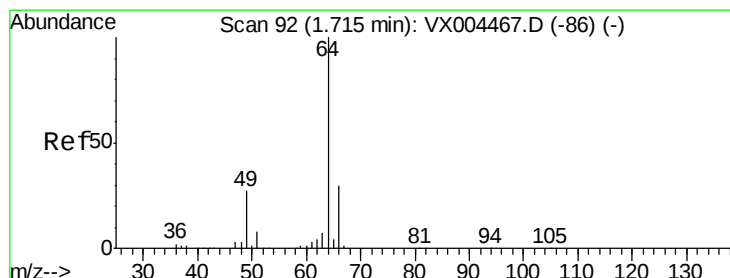
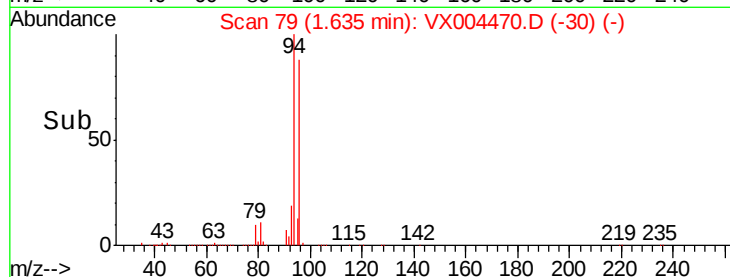
60000

40000

20000

0

Time--> 1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 43.78 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX004470.D

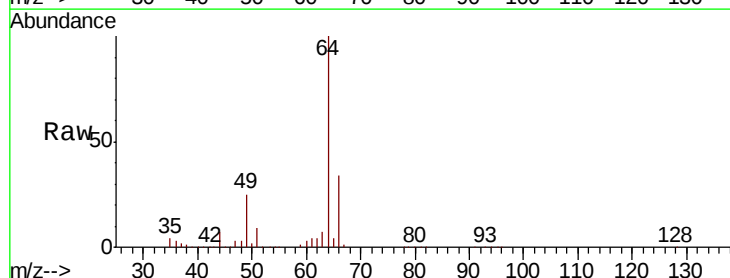
Acq: 11 Sep 2018 16:42

Tgt Ion: 64 Resp: 104240

Ion Ratio Lower Upper

64 100

66 33.8 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

80000

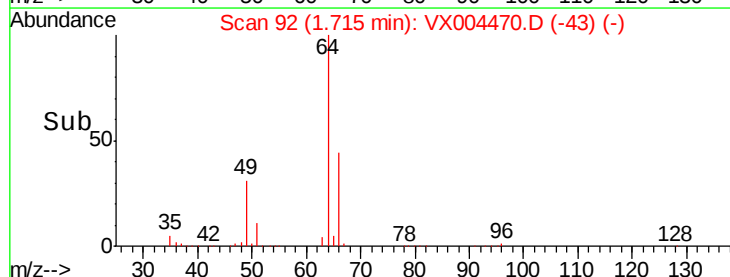
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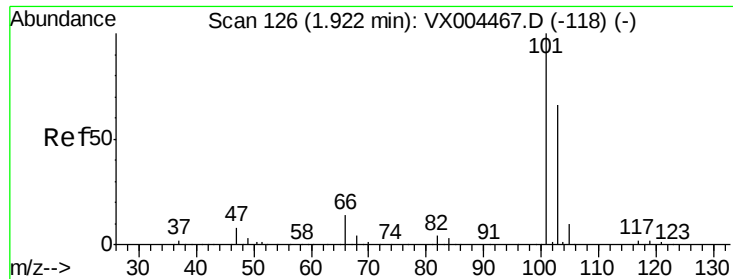
40000

20000

0

Time--> 1.60 1.70 1.80 1.90





#7

Trichlorofluoromethane

Concen: 46.15 ug/l

RT: 1.92 min Scan# 126

Delta R.T. -0.00 min

Lab File: VX004470.D

Acq: 11 Sep 2018 16:42

Instrument :

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ClientSampleId :

ICVVX091118

Tot Ion: 101 Resp: 225245

Ion Ratio Lower Upper

101 100

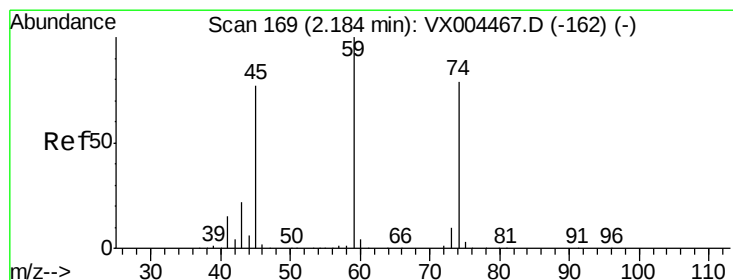
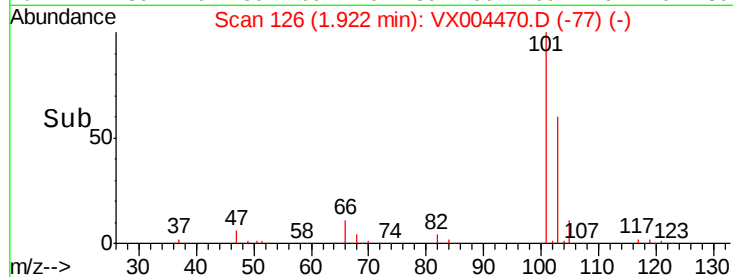
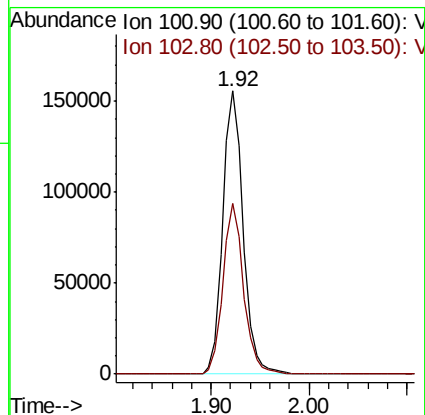
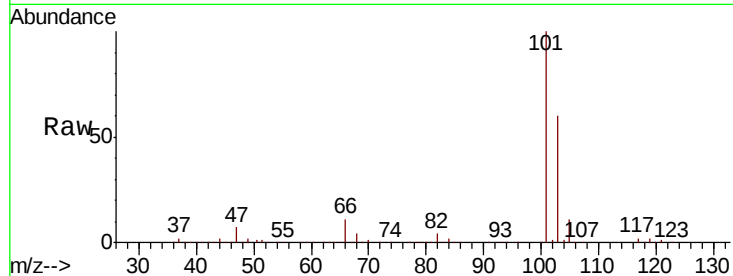
103 60.2 48.9 73.3

Manual Integrations

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#8

Diethyl Ether

Concen: 46.57 ug/l

RT: 2.18 min Scan# 169

Delta R.T. -0.00 min

Lab File: VX004470.D

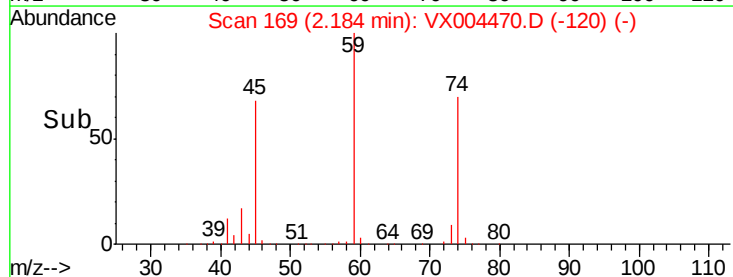
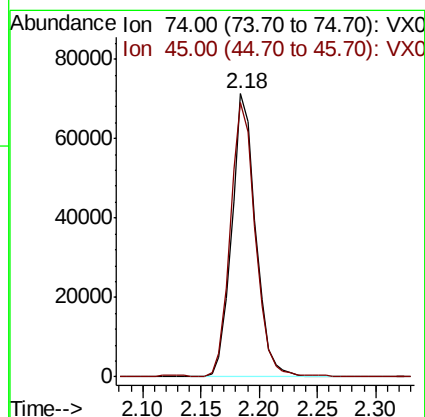
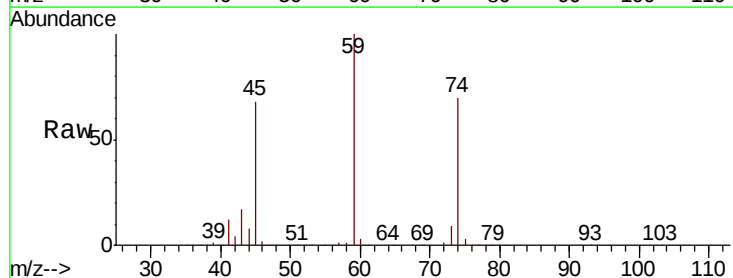
Acq: 11 Sep 2018 16:42

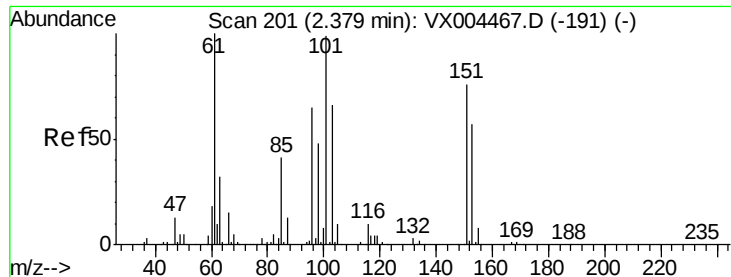
Tgt Ion: 74 Resp: 101909

Ion Ratio Lower Upper

74 100

45 101.1 48.3 144.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.04 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX004470.D

Acq: 11 Sep 2018 16:42

Instrument :

MSVOA_X

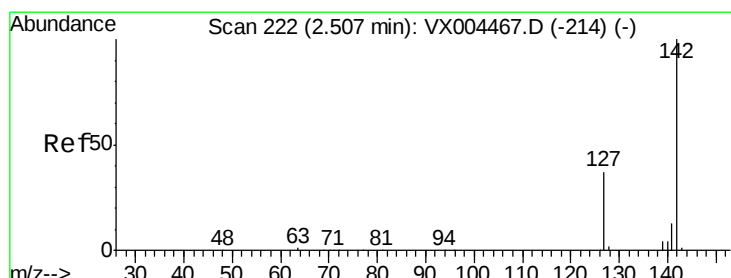
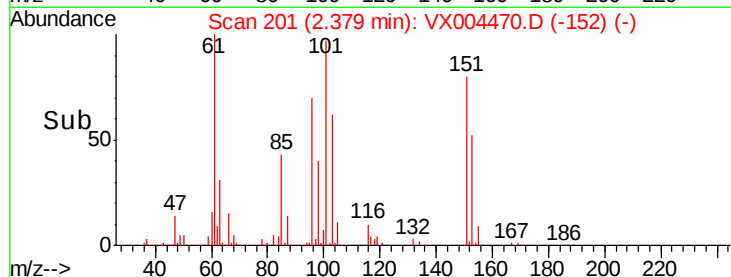
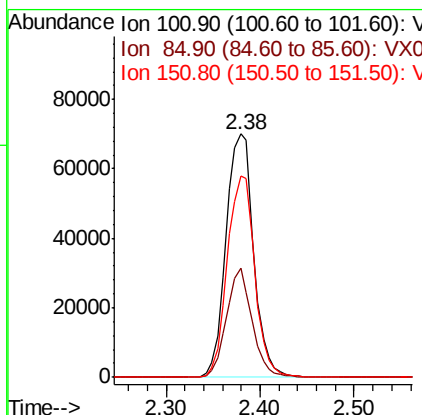
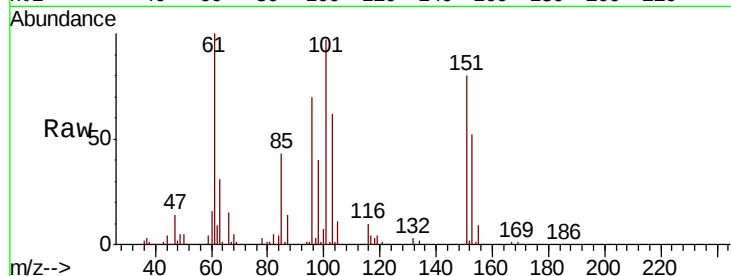
ClientSampleId :

ICVVX091118

Tot Ion:	101	Resp:	142552
Ion Ratio	Lower	Upper	
101	100		
85	41.5	34.2	51.4
151	82.5	65.0	97.6

Manual Integrations
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#10

Methyl Iodide

Concen: 42.95 ug/l

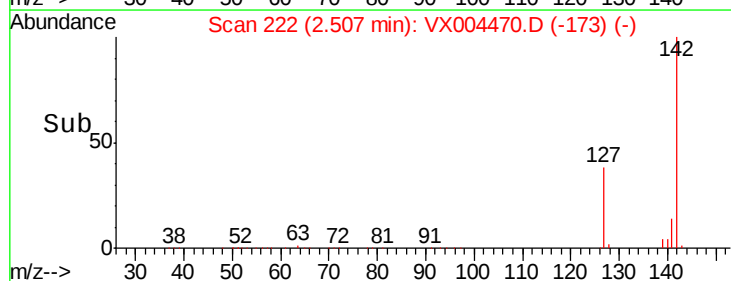
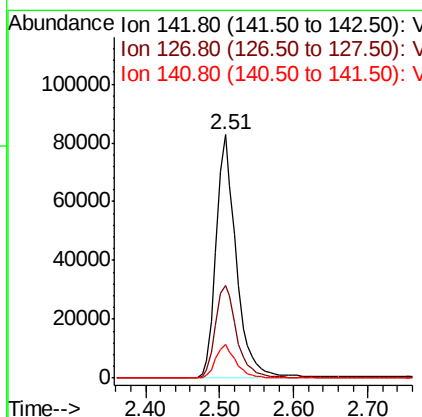
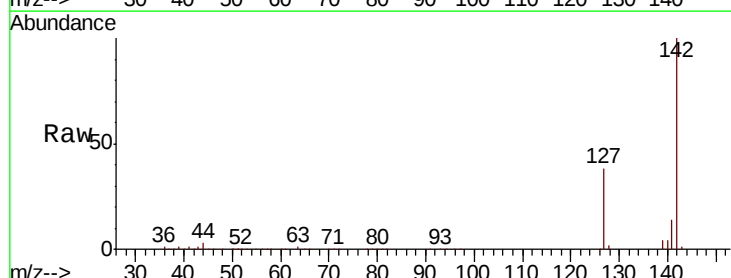
RT: 2.51 min Scan# 222

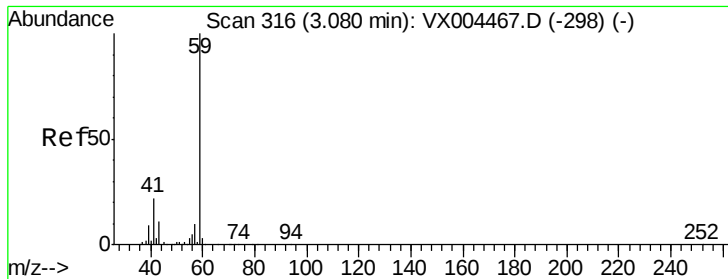
Delta R.T. 0.00 min

Lab File: VX004470.D

Acq: 11 Sep 2018 16:42

Tgt Ion:	142	Resp:	156549
Ion Ratio	Lower	Upper	
142	100		
127	39.9	33.8	50.6
141	13.9	11.4	17.0





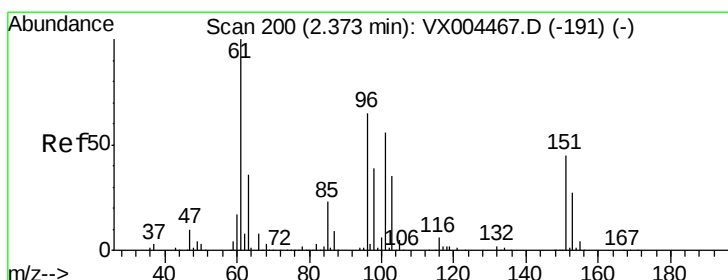
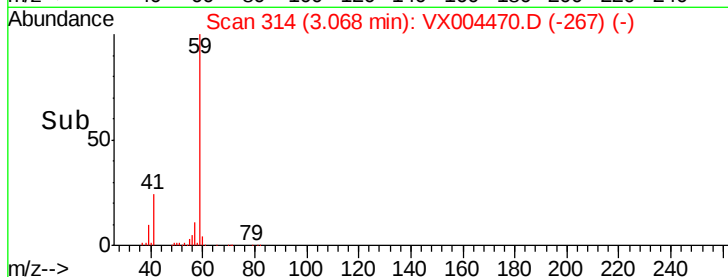
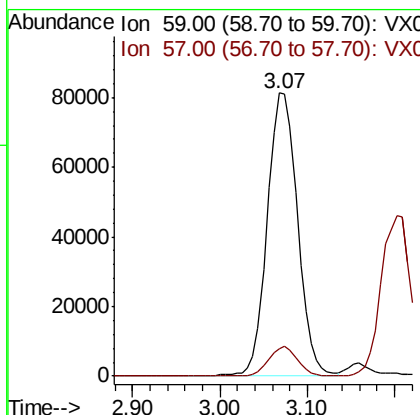
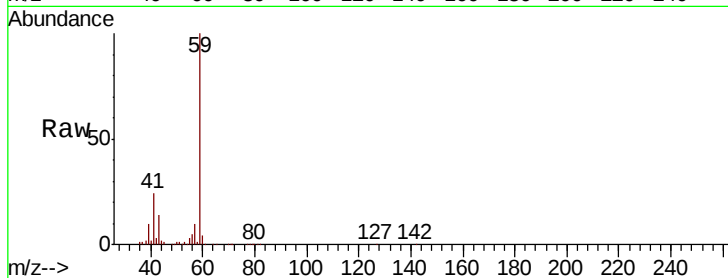
#11
Tert butyl alcohol
Concen: 229.44 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX004470.D
Acq: 11 Sep 2018 16:42

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091118

Tot Ion: 59 Resp: 196344
Ion Ratio Lower Upper
59 100
57 10.0 8.2 12.4

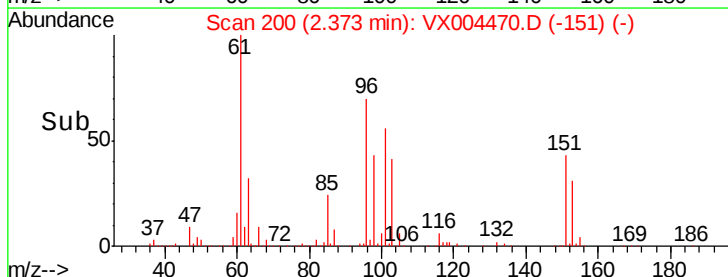
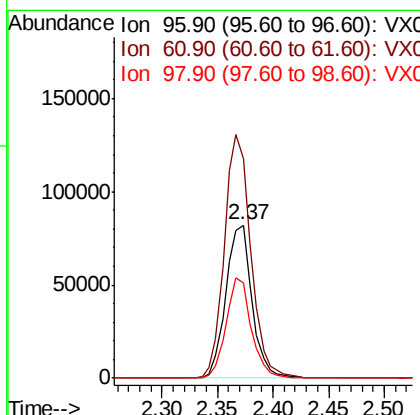
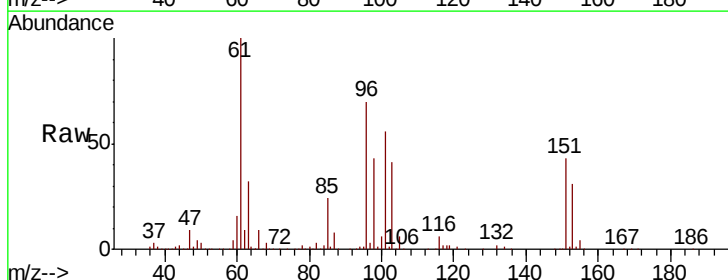
Manual Integrations
APPROVED

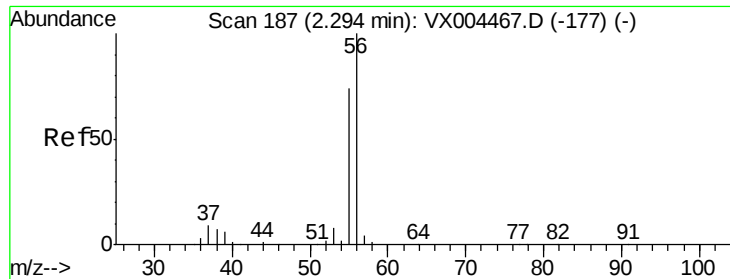
MMDadoda
9/12/2018 11:26:38 AM



#12
1,1-Dichloroethene
Concen: 45.93 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX004470.D
Acq: 11 Sep 2018 16:42

Tgt Ion: 96 Resp: 133481
Ion Ratio Lower Upper
96 100
61 143.3 128.8 193.2
98 62.3 52.2 78.2





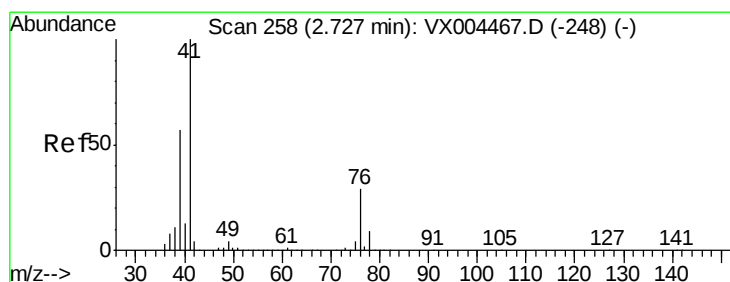
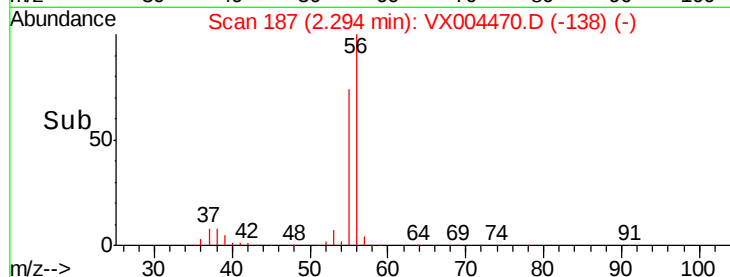
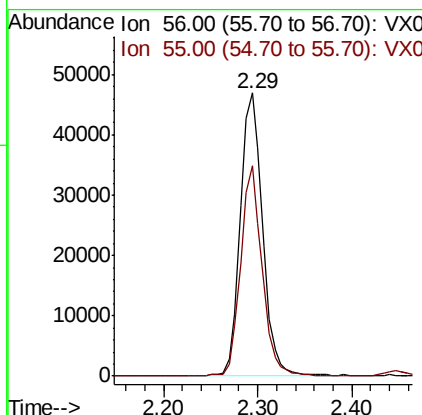
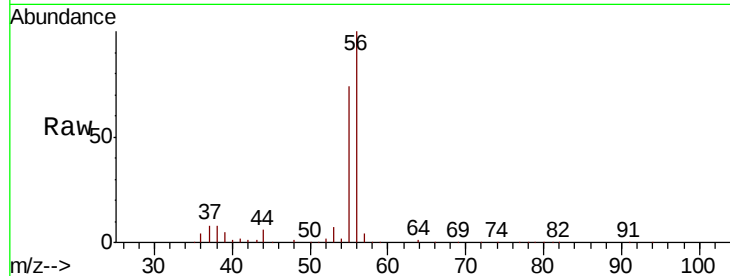
#13
Acrolein
Concen: 228.80 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.00 min
Lab File: VX004470.D
Acq: 11 Sep 2018 16:42

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091118

Tot Ion	56	55	Ratio	Lower	Upper
77287	100	71.0		54.7	82.1

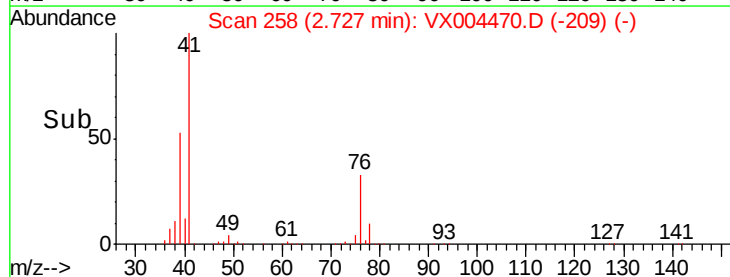
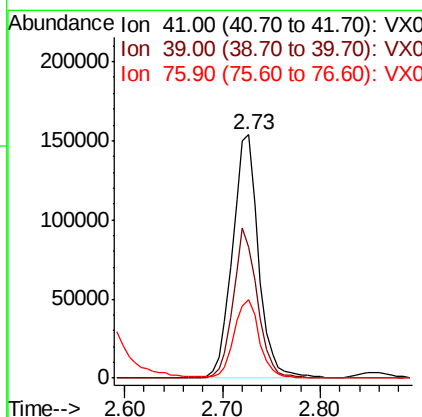
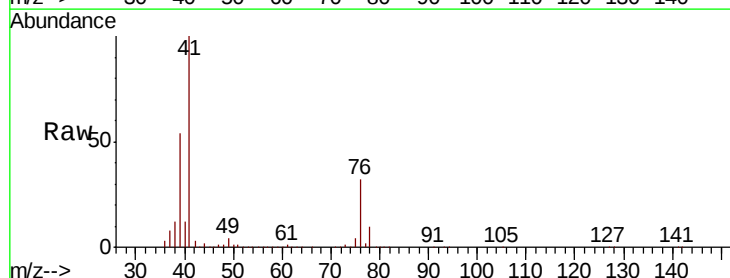
Manual Integrations
APPROVED

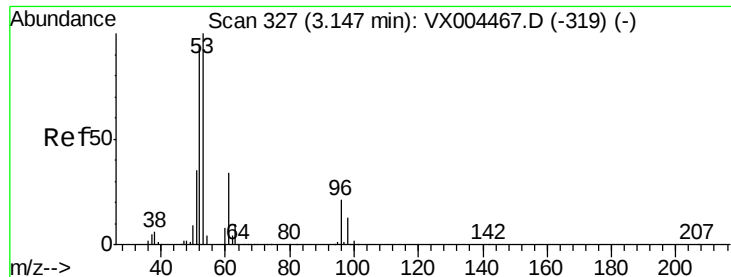
MMDadoda
9/12/2018 11:26:38 AM



#14
Allyl chloride
Concen: 47.53 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.00 min
Lab File: VX004470.D
Acq: 11 Sep 2018 16:42

Tgt Ion	41	39	76	Ratio	Lower	Upper
283980	100	56.8	31.7		48.9	73.3
					26.7	40.1





#15

Acrylonitrile

Concen: 228.29 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX004470.D

Acq: 11 Sep 2018 16:42

Instrument :

MSVOA_X

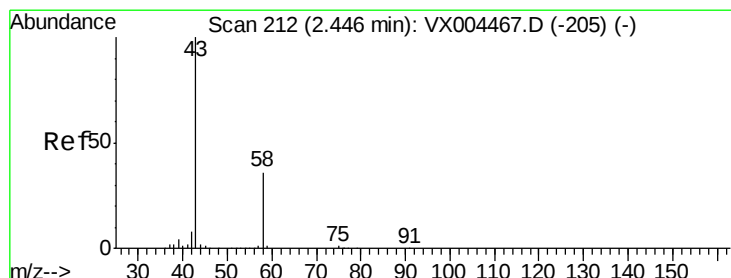
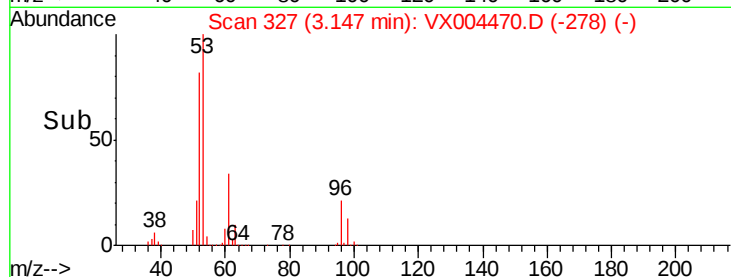
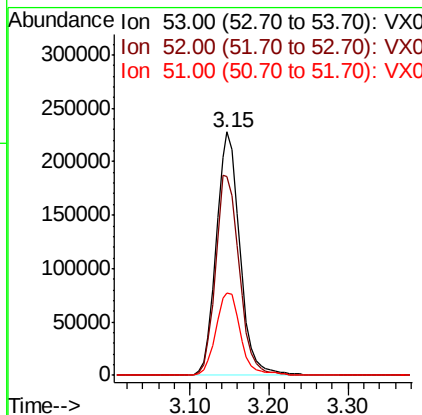
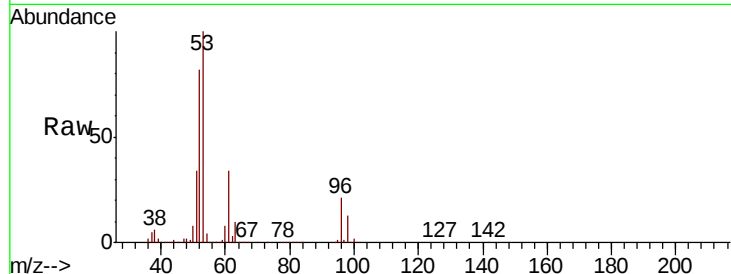
ClientSampleId :

ICVVX091118

Tot Ion:	53	Resp:	470450
Ion Ratio		Lower	Upper
53	100		
52	83.4	65.2	97.8
51	35.5	28.2	42.2

Manual Integrations
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#16

Acetone

Concen: 213.10 ug/l

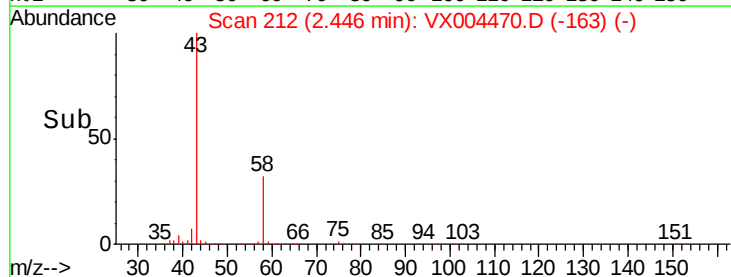
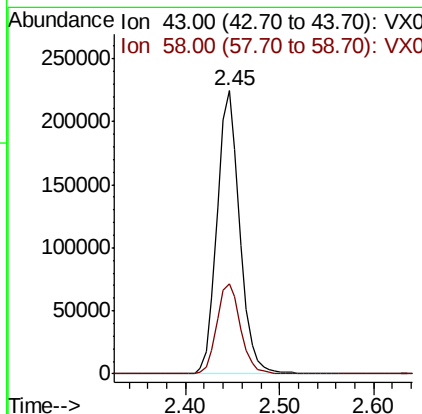
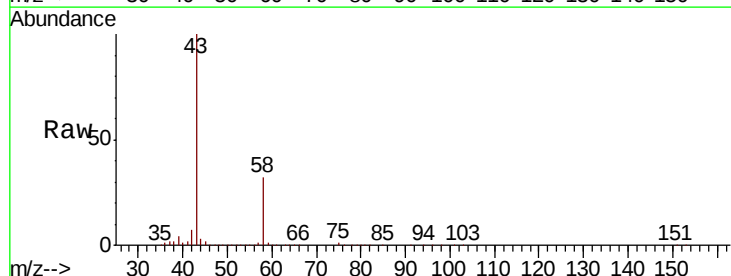
RT: 2.45 min Scan# 212

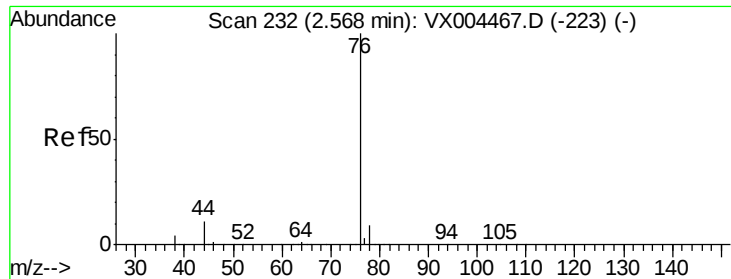
Delta R.T. -0.00 min

Lab File: VX004470.D

Acq: 11 Sep 2018 16:42

Tgt Ion:	43	Resp:	372999
Ion Ratio		Lower	Upper
43	100		
58	32.0	26.2	39.4





#17

Carbon Disulfide

Concen: 46.41 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX004470.D

Acq: 11 Sep 2018 16:42

Instrument :

MSVOA_X

ClientSampleId :

ICVVX091118

Tot Ion: 76 Resp: 389877

Ion Ratio Lower Upper

76 100

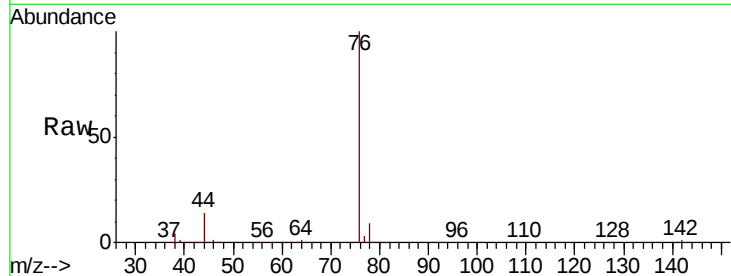
78 8.9 7.0 10.6

Manual Integrations

APPROVED

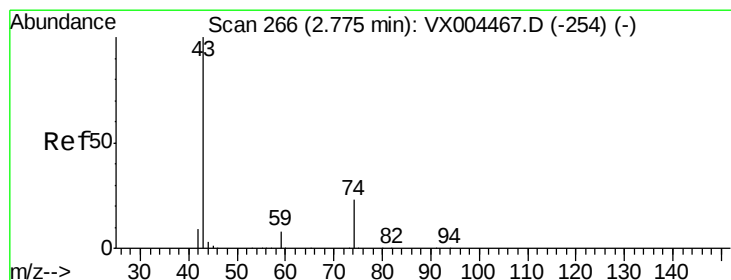
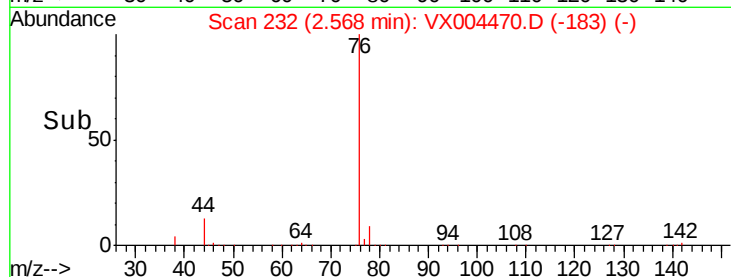
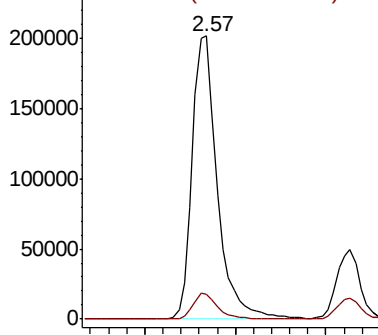
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 45.06 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX004470.D

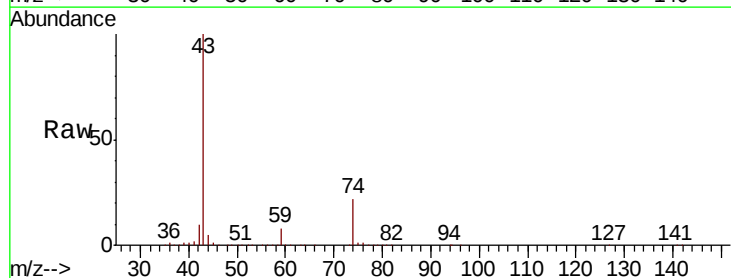
Acq: 11 Sep 2018 16:42

Tgt Ion: 43 Resp: 221271

Ion Ratio Lower Upper

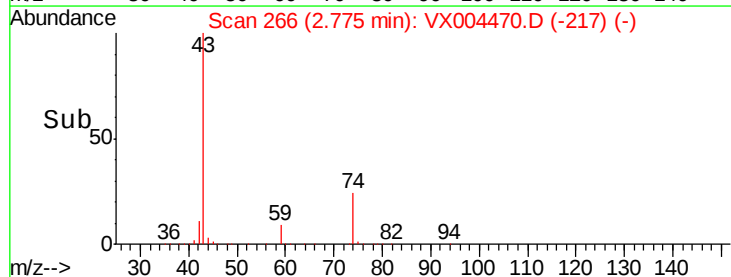
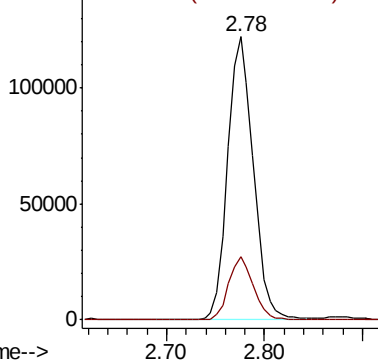
43 100

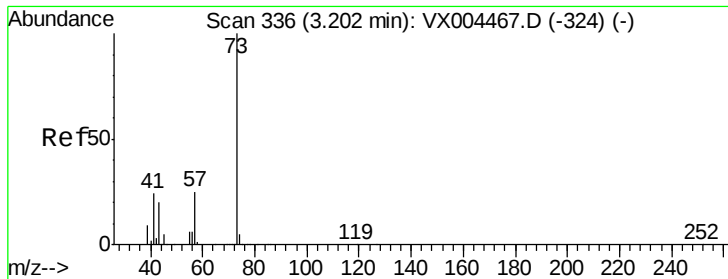
74 21.3 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#19

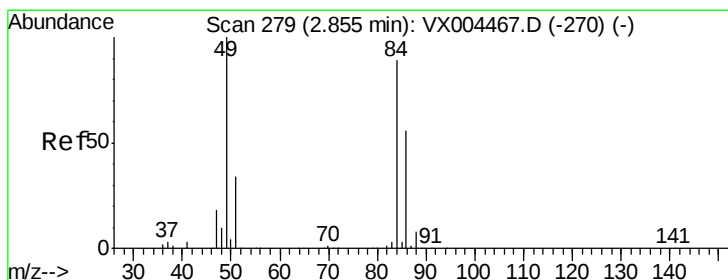
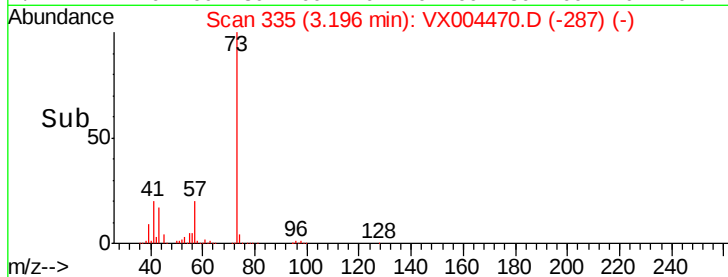
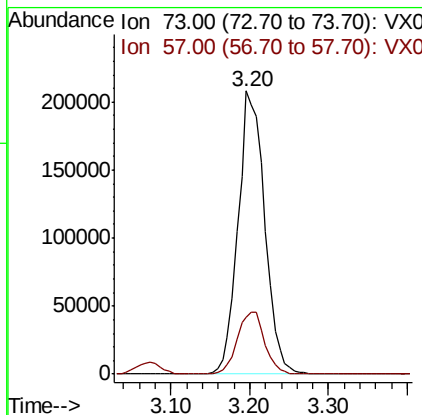
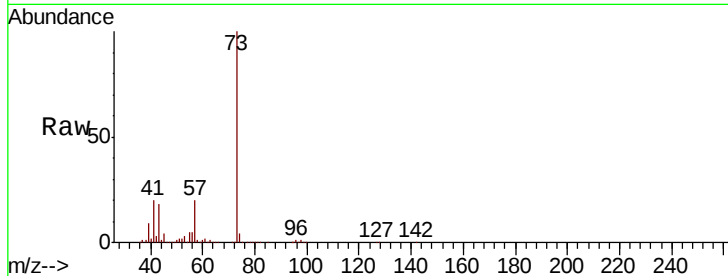
Methyl tert-butyl Ether
 Concen: 47.94 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. -0.01 min
 Lab File: VX004470.D
 Acq: 11 Sep 2018 16:42

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX091118

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.0	17.1	25.7

Manual Integrations
 APPROVED

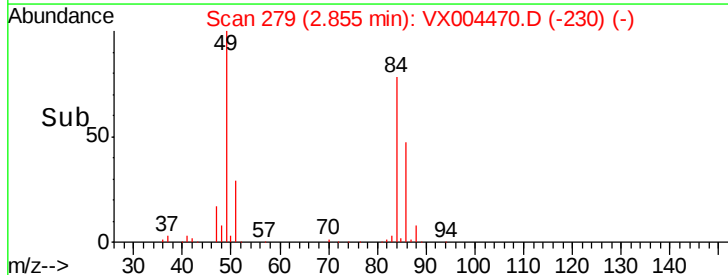
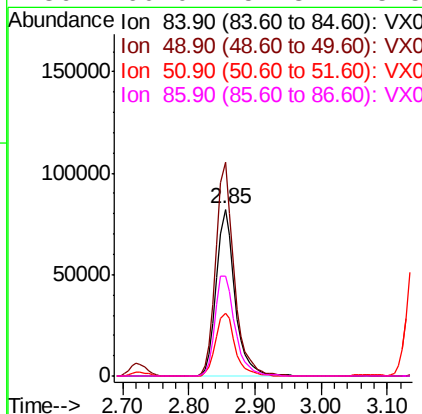
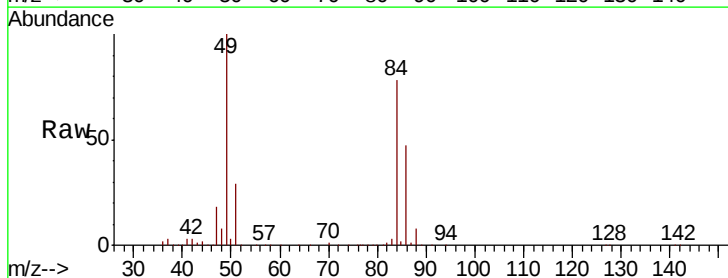
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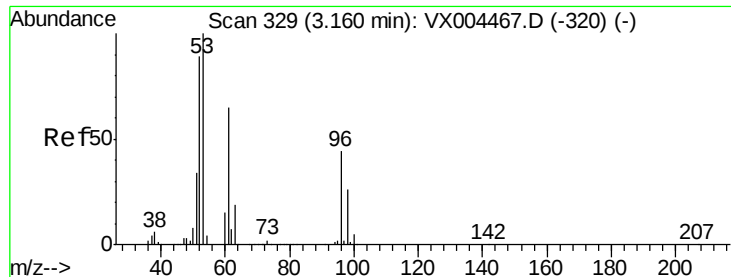


#20

Methylene Chloride
 Concen: 44.39 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.00 min
 Lab File: VX004470.D
 Acq: 11 Sep 2018 16:42

Tgt Ion	Ratio	Lower	Upper
84	100		
49	128.2	101.2	151.8
51	37.2	29.5	44.3
86	60.0	52.3	78.5





#21

trans-1,2-Dichloroethene

Concen: 46.70 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX004470.D

Acq: 11 Sep 2018 16:42

Instrument :

MSVOA_X

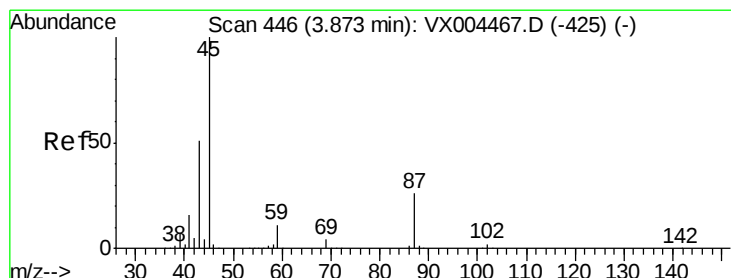
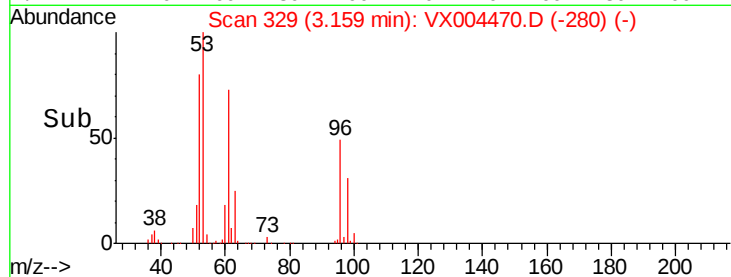
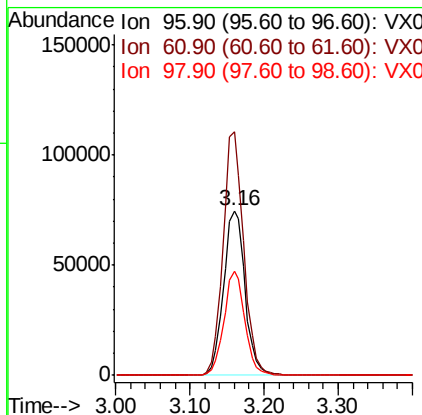
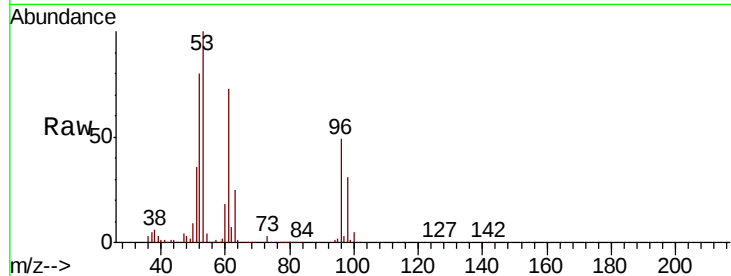
ClientSampleId :

ICVVX091118

Tot Ion:	96	Resp:	149965
Ion	Ratio	Lower	Upper
96	100		
61	148.1	113.8	170.6
98	63.0	51.8	77.8

Manual Integrations
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#22

Diisopropyl ether

Concen: 46.87 ug/l

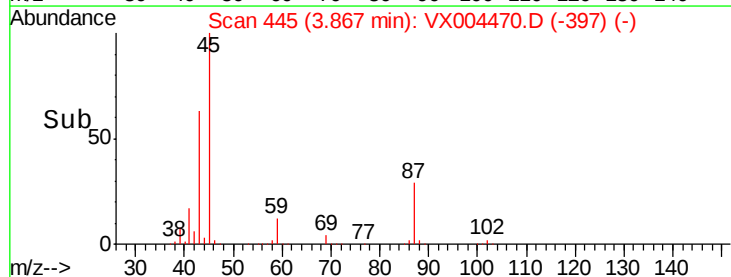
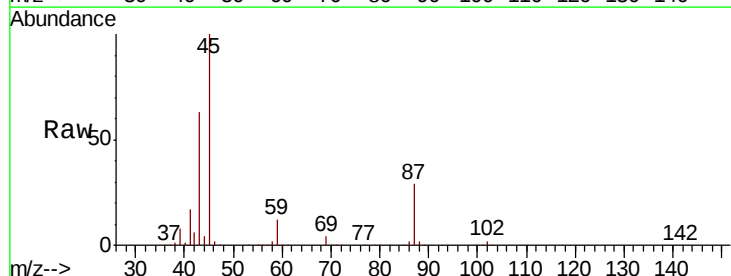
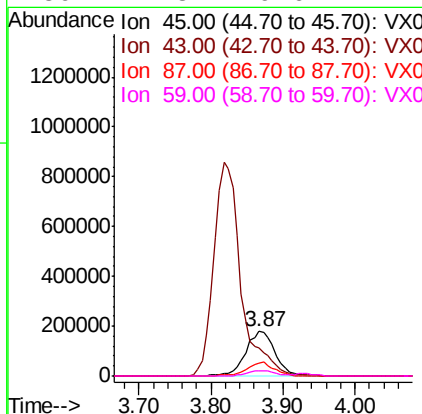
RT: 3.87 min Scan# 446

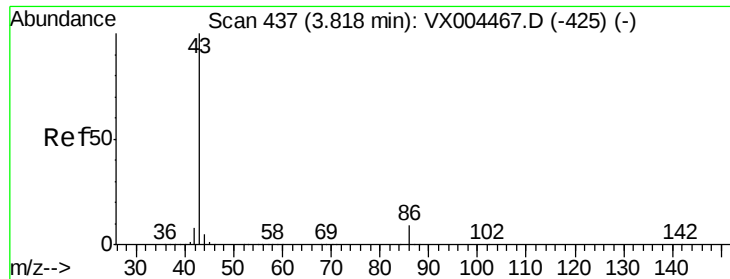
Delta R.T. -0.01 min

Lab File: VX004470.D

Acq: 11 Sep 2018 16:42

Tgt Ion:	45	Resp:	504387
Ion	Ratio	Lower	Upper
45	100		
43	62.7	42.8	64.2
87	28.7	22.6	34.0
59	11.8	9.6	14.4





#23

Vinyl Acetate

Concen: 258.69 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.00 min

Lab File: VX004470.D

Acq: 11 Sep 2018 16:42

Instrument :

MSVOA_X

ClientSampleId :

ICVVX091118

Tot Ion: 43 Resp: 2252729

Ion Ratio Lower Upper

43 100

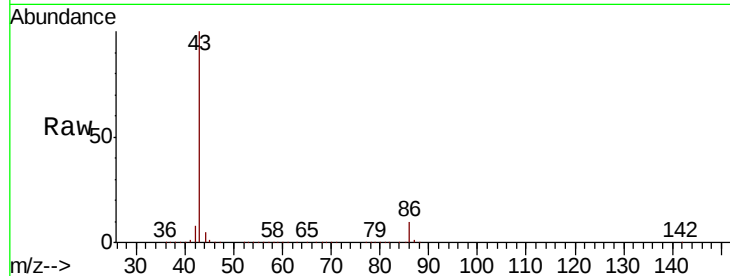
86 10.2 8.9 13.3

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

800000

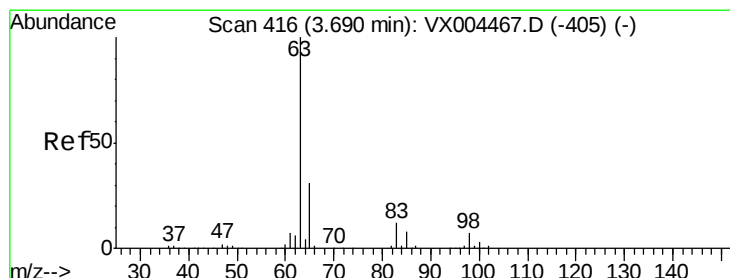
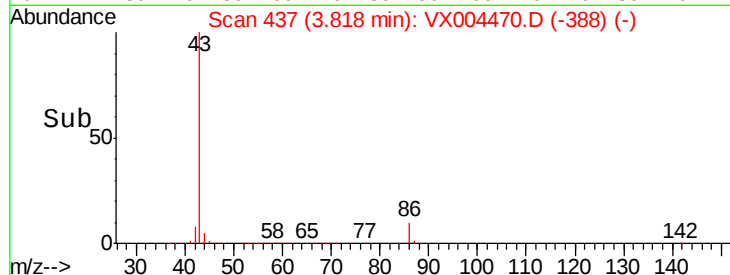
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 47.53 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.01 min

Lab File: VX004470.D

Acq: 11 Sep 2018 16:42

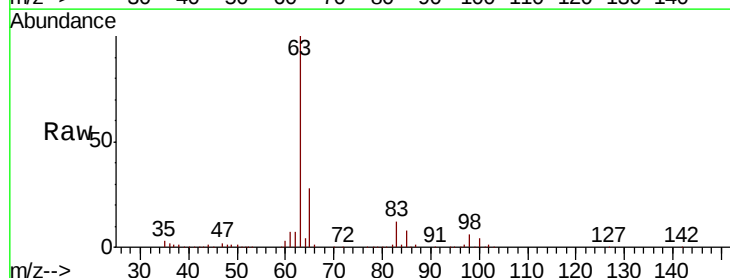
Tgt Ion: 63 Resp: 288763

Ion Ratio Lower Upper

63 100

98 5.6 3.5 10.4

100 3.5 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

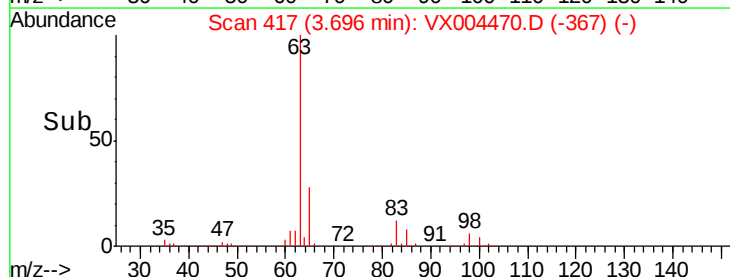
150000

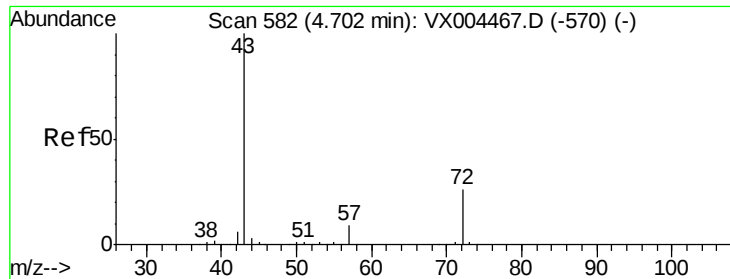
100000

50000

0

Time-->





#25

2-Butanone

Concen: 221.33 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX004470.D

Acq: 11 Sep 2018 16:42

Instrument :

MSVOA_X

ClientSampleId :

ICVVX091118

Tot Ion: 43 Resp: 616572

Ion Ratio Lower Upper

43 100

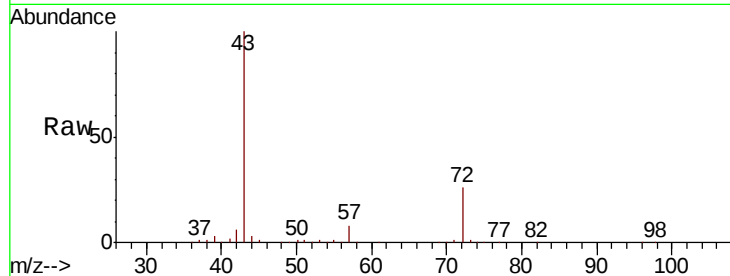
72 26.5 22.0 33.0

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

250000

200000

150000

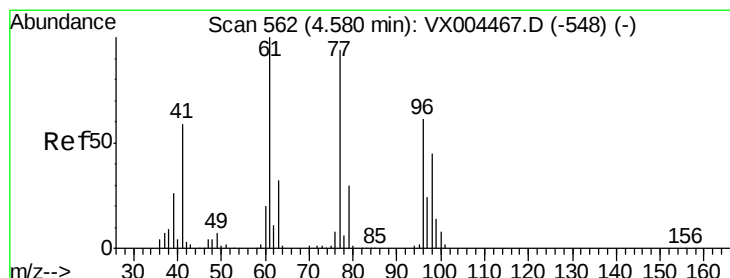
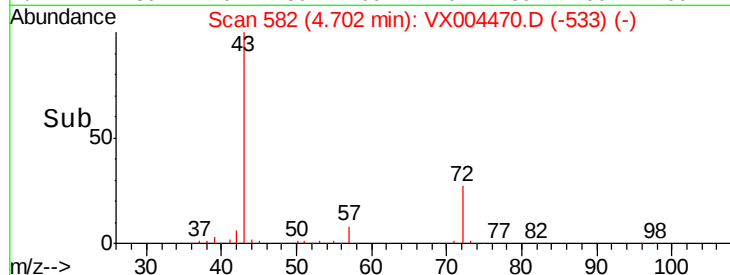
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 50.86 ug/l

RT: 4.57 min Scan# 561

Delta R.T. -0.01 min

Lab File: VX004470.D

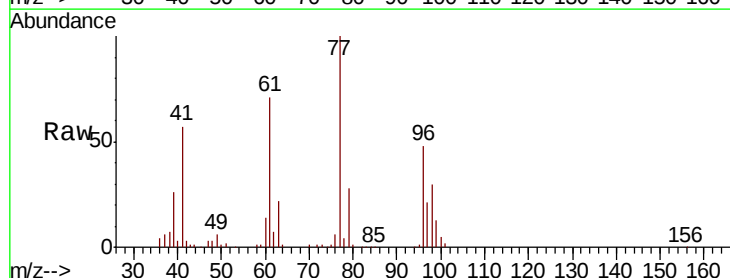
Acq: 11 Sep 2018 16:42

Tgt Ion: 77 Resp: 212207

Ion Ratio Lower Upper

77 100

97 23.8 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

80000

60000

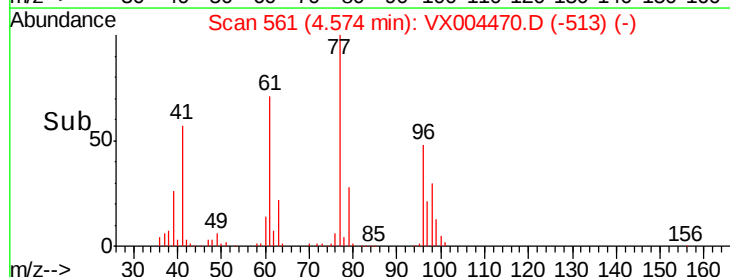
40000

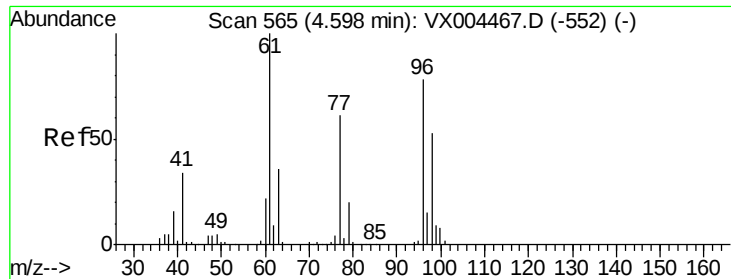
20000

0

4.40 4.50 4.60 4.70

Time-->





#27

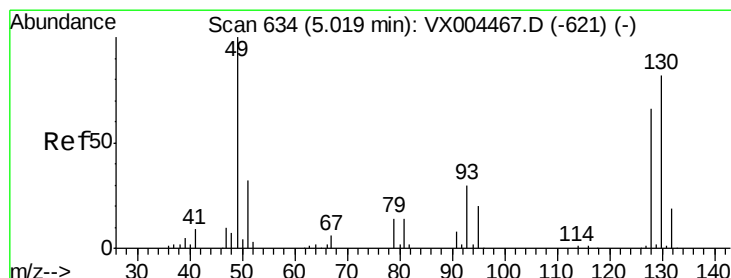
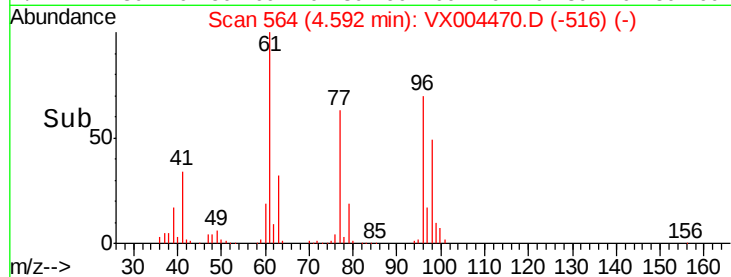
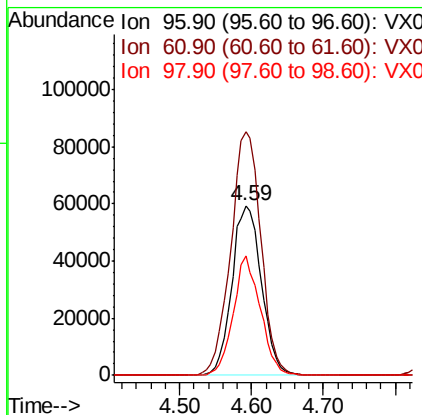
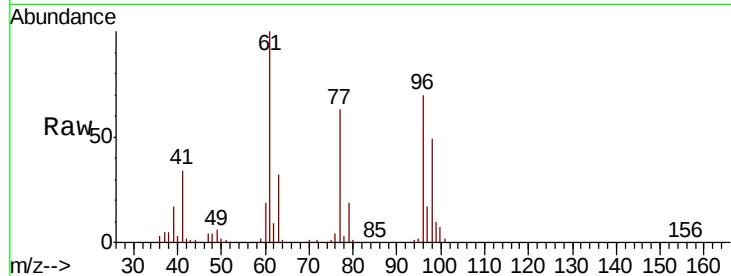
cis-1,2-Dichloroethene
Concen: 47.39 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX004470.D
Acq: 11 Sep 2018 16:42

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091118

Tot Ion	Ratio	Resp	Lower	Upper
96	100	169882		
61	146.2	0.0	282.6	
98	64.0	0.0	130.2	

Manual Integrations
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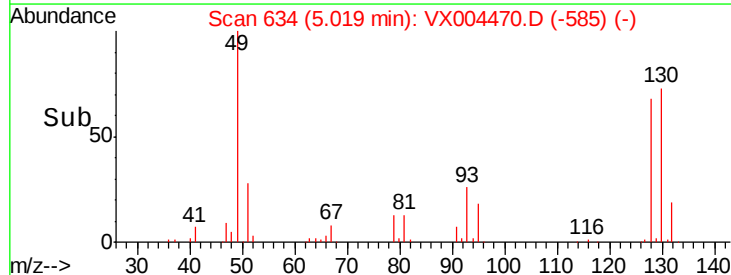
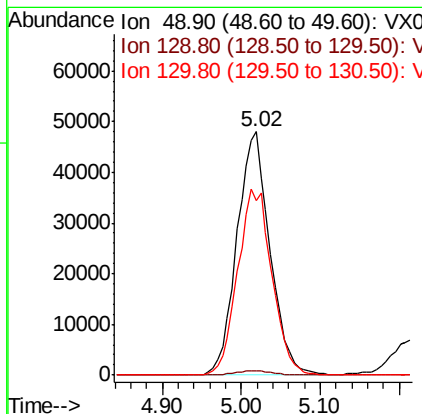
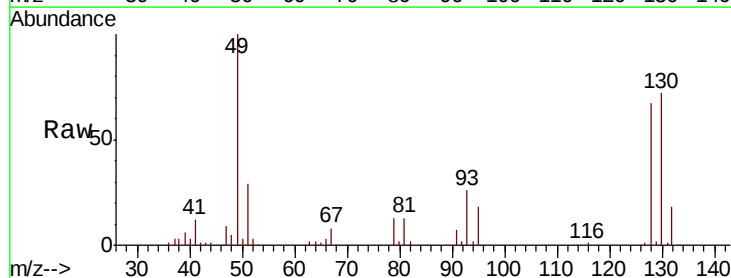
MMDadoda
9/12/2018 11:26:38 AM

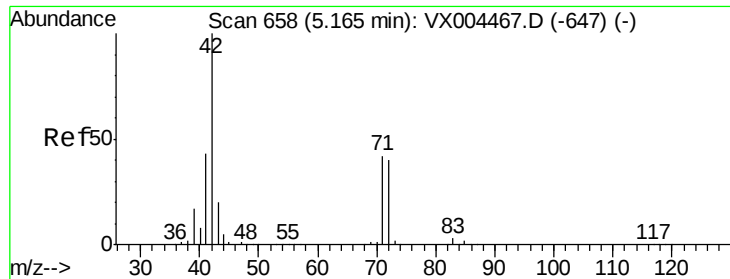


#28

Bromochloromethane
Concen: 50.11 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX004470.D
Acq: 11 Sep 2018 16:42

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	139252		
129	1.9	0.0	4.2	
130	79.9	67.5	101.3	





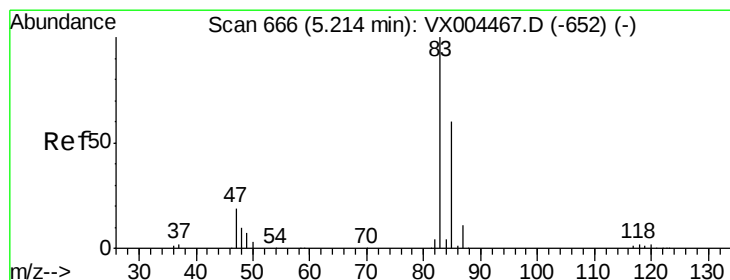
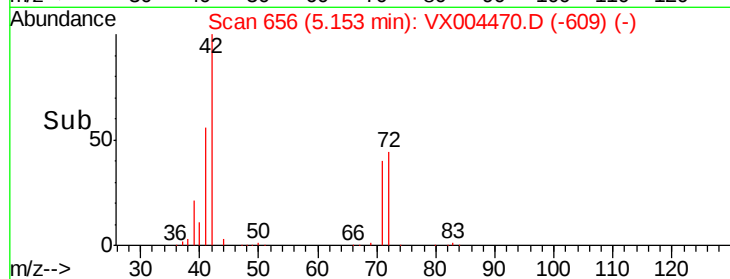
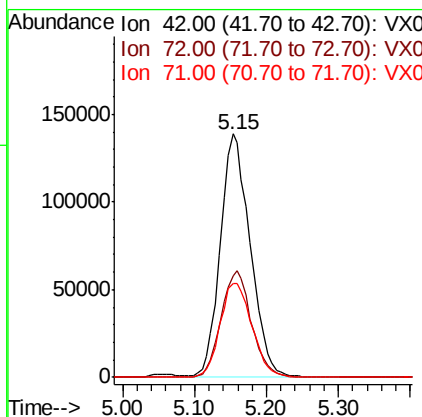
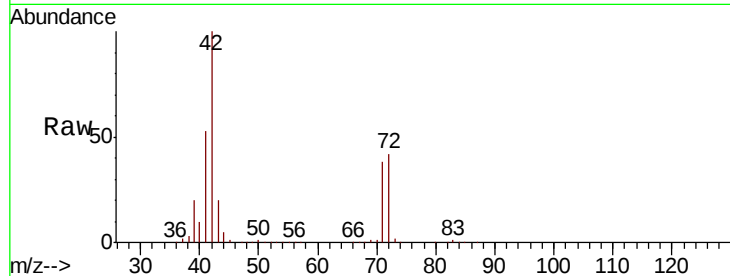
#29
Tetrahydrofuran
Concen: 237.61 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX004470.D
Acq: 11 Sep 2018 16:42

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091118

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.7	37.4	56.0
71	41.3	34.5	51.7

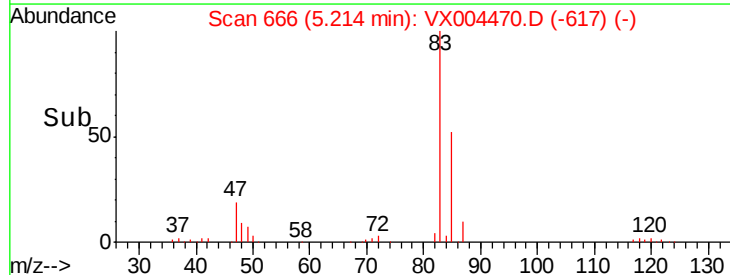
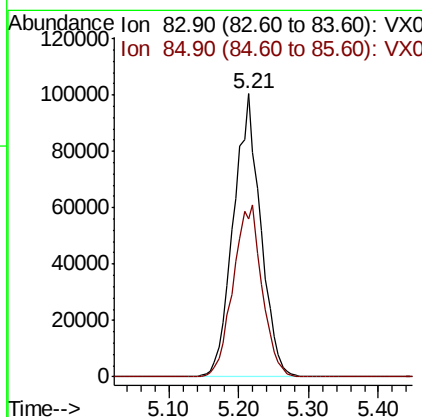
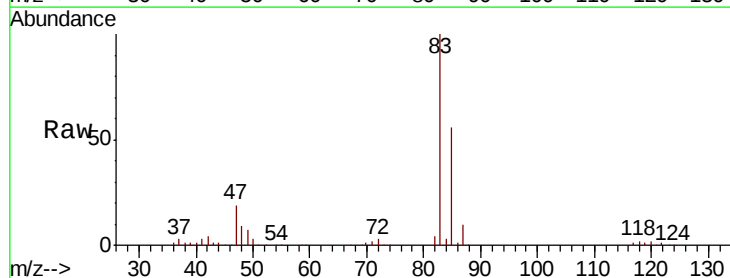
Manual Integrations
APPROVED

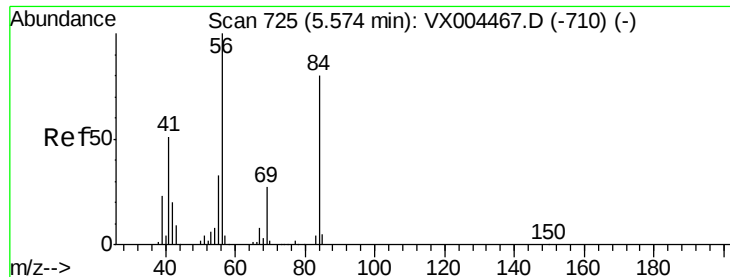
MMDadoda
9/12/2018 11:26:38 AM



#30
Chloroform
Concen: 45.71 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX004470.D
Acq: 11 Sep 2018 16:42

Tgt Ion	Ratio	Lower	Upper
83	100		
85	55.8	52.6	79.0





#31

Cvclohexane

Concen: 49.56 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX004470.D

Acq: 11 Sep 2018 16:42

Instrument :

MSVOA_X

ClientSampleId :

ICVVO91118

Tot Ion: 56 Resp: 257093

Ion Ratio Lower Upper

56 100

69 26.7 25.4 38.2

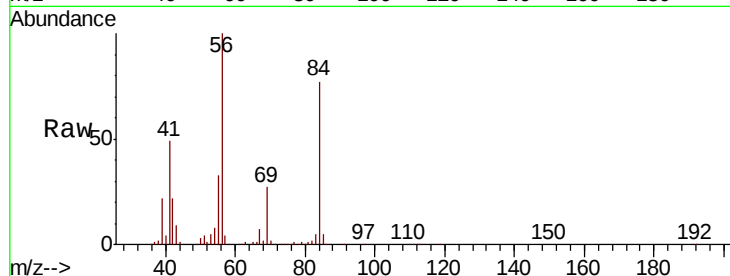
84 76.3 71.4 107.2

Manual Integrations

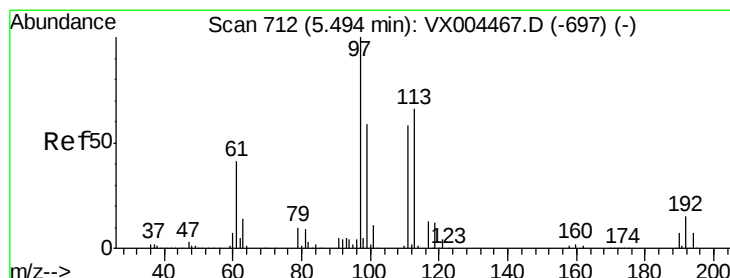
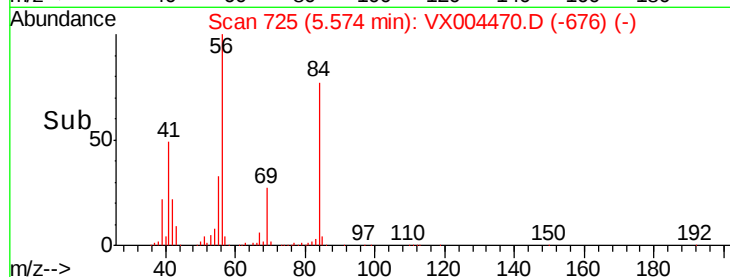
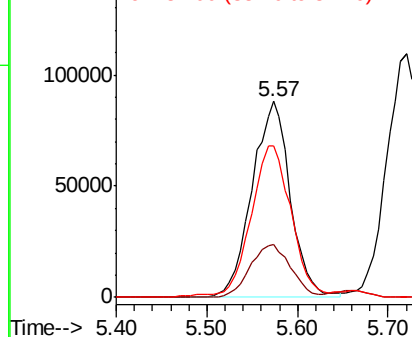
APPROVED

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Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 45.57 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX004470.D

Acq: 11 Sep 2018 16:42

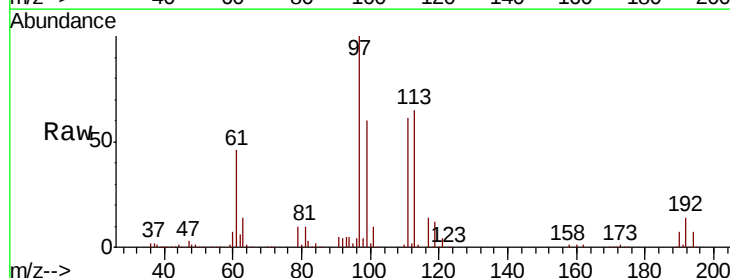
Tgt Ion: 97 Resp: 217716

Ion Ratio Lower Upper

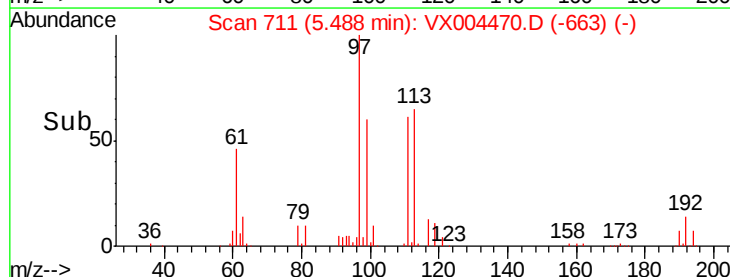
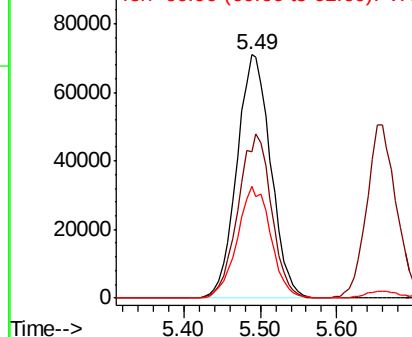
97 100

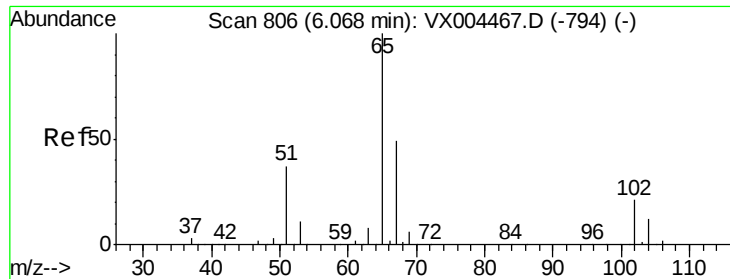
99 66.5 52.0 78.0

61 45.4 34.9 52.3



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: 48.41 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX004470.D

Acq: 11 Sep 2018 16:42

Instrument :

MSVOA_X

ClientSampleId :

ICVVX091118

Tot Ion: 65 Resp: 173613

Ion Ratio Lower Upper

65 100

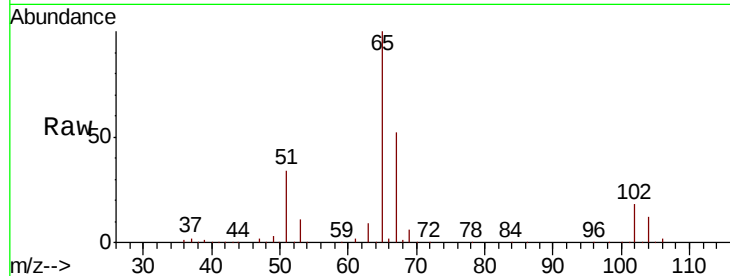
67 55.2 0.0 106.8

Manual Integrations

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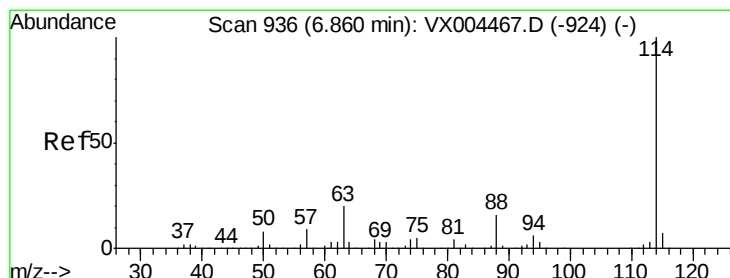
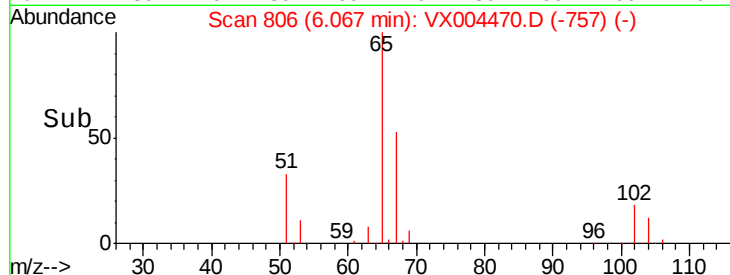
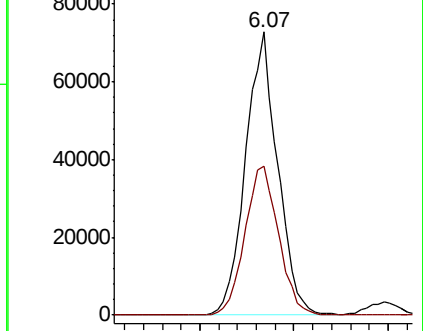
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX004470.D

Acq: 11 Sep 2018 16:42

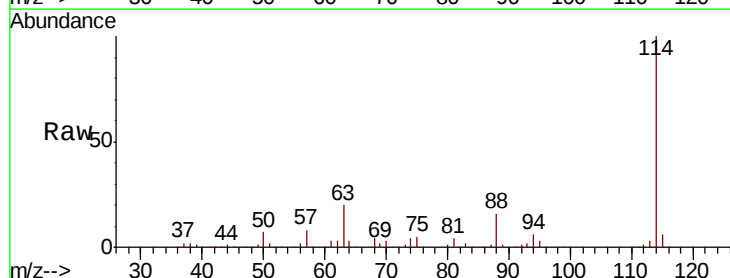
Tgt Ion: 114 Resp: 345472

Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.0

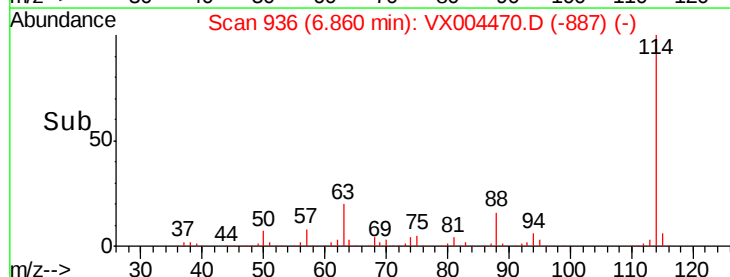
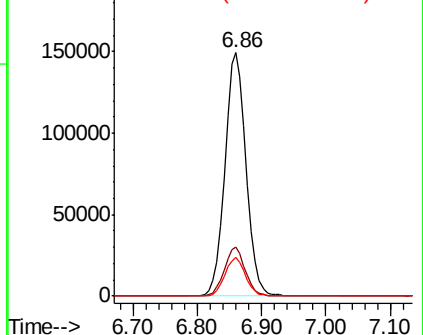
88 15.8 0.0 30.4

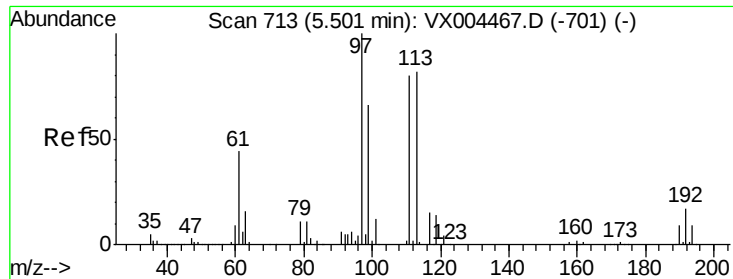


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





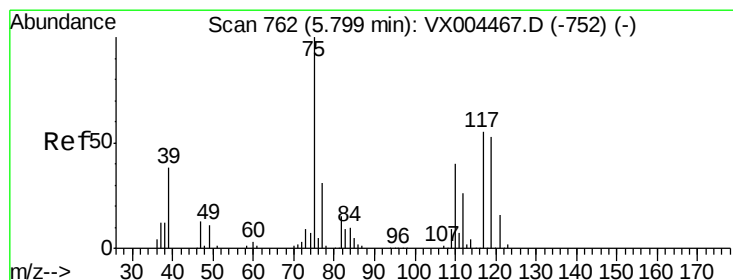
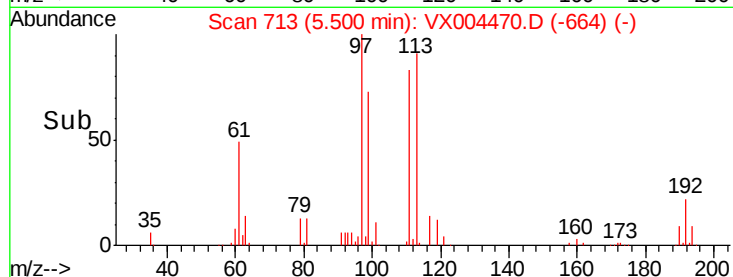
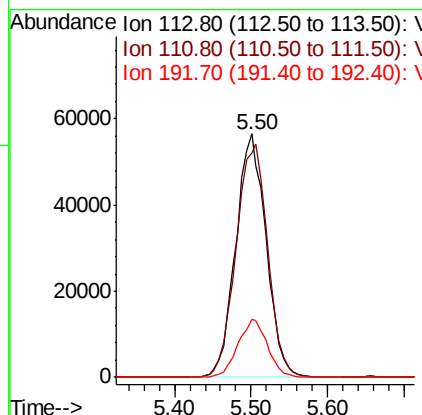
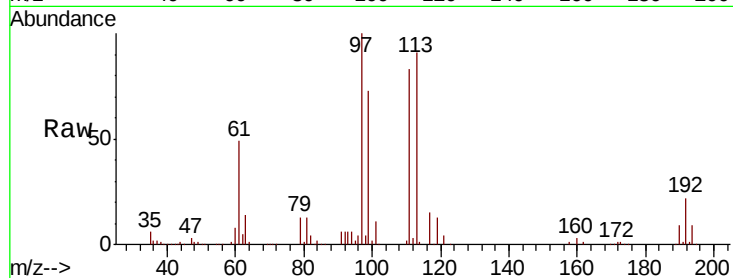
#35
 Dibromofluoromethane
 Concen: 49.13 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX004470.D
 Acq: 11 Sep 2018 16:42

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX091118

Tot Ion	Ratio	Resp	Lower	Upper
113	100	155331		
111	100.0	82.4	123.6	
192	23.3	19.4	29.2	

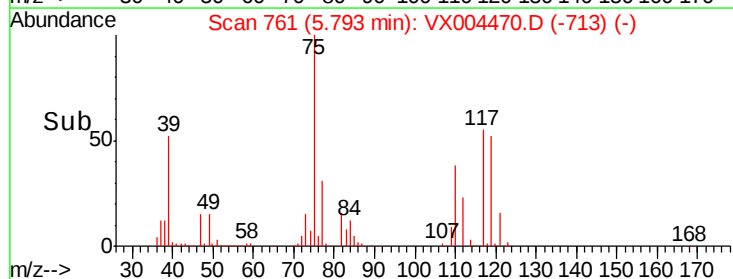
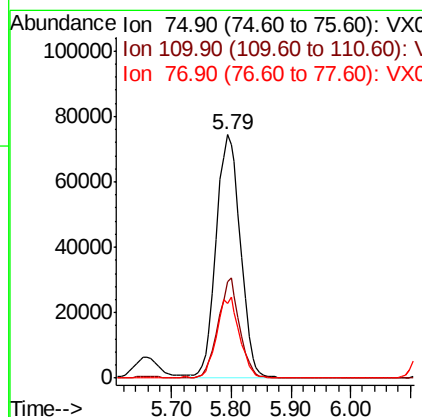
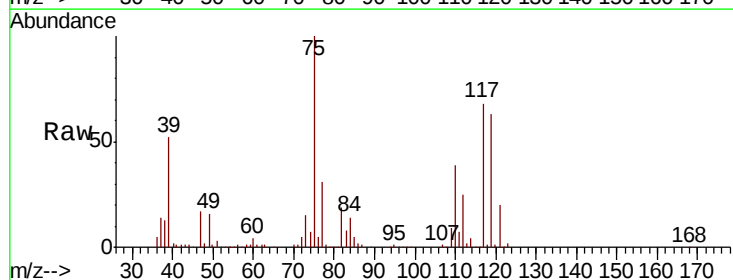
Manual Integrations
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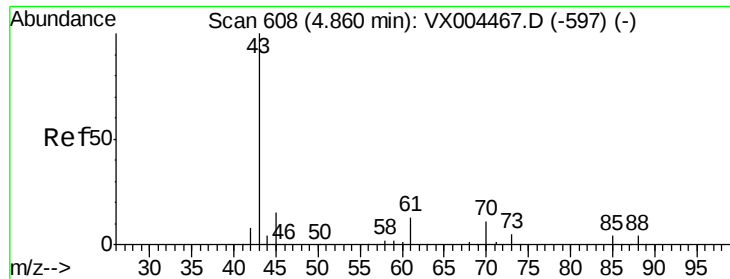
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 9/12/2018 11:26:38 AM



#36
 1,1-Dichloropropene
 Concen: 50.08 ug/l
 RT: 5.79 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: VX004470.D
 Acq: 11 Sep 2018 16:42

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	210045		
110	36.4	18.0	54.0	
77	31.5	24.6	36.8	





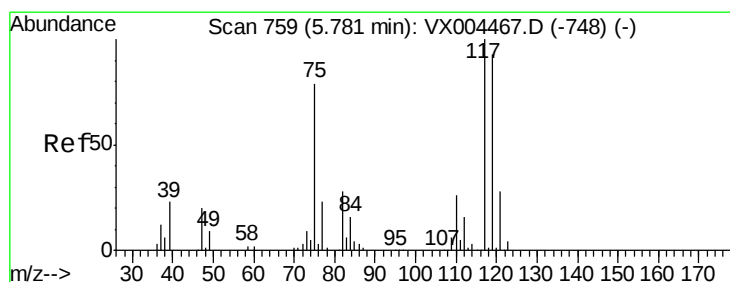
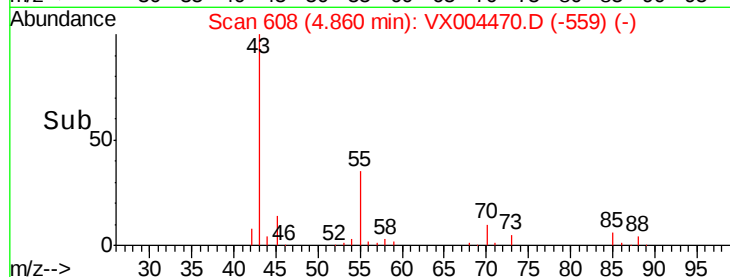
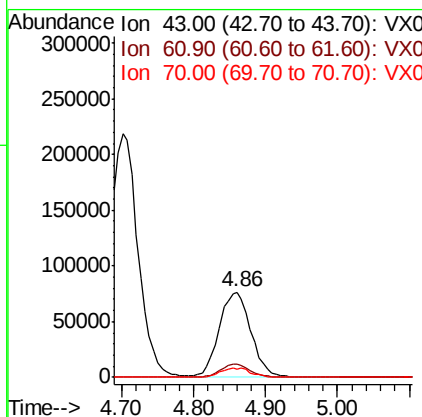
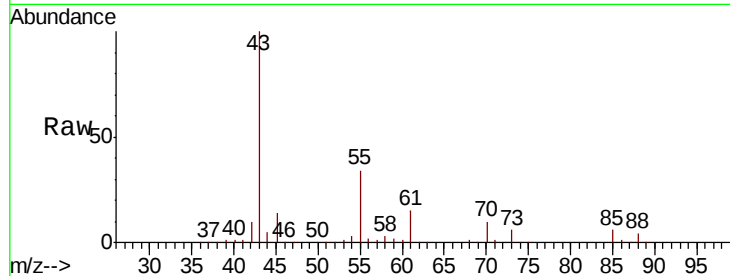
#37
Ethyl Acetate
Concen: 49.15 ug/l
RT: 4.86 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX004470.D
Acq: 11 Sep 2018 16:42

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091118

Tot Ion:	43	Resp:	234458
Ion	Ratio	Lower	Upper
43	100		
61	14.8	11.5	17.3
70	10.7	9.0	13.6

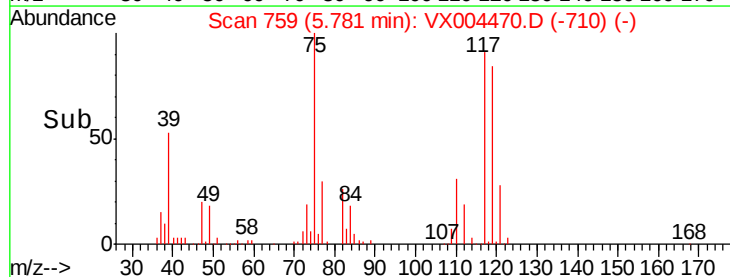
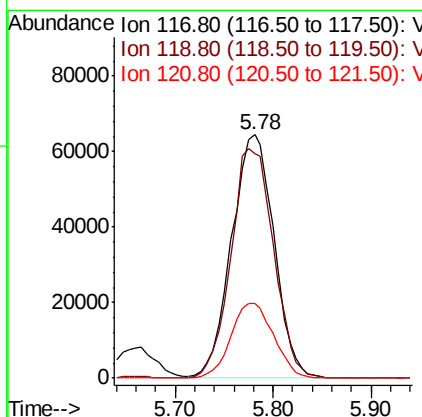
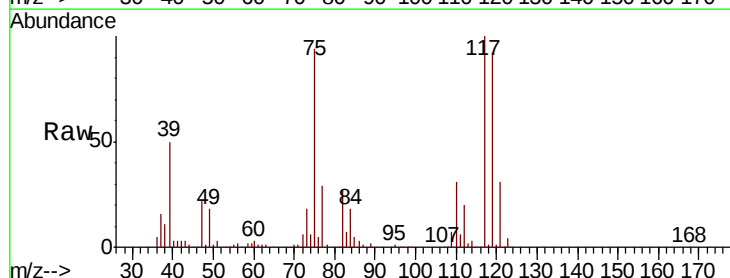
Manual Integrations
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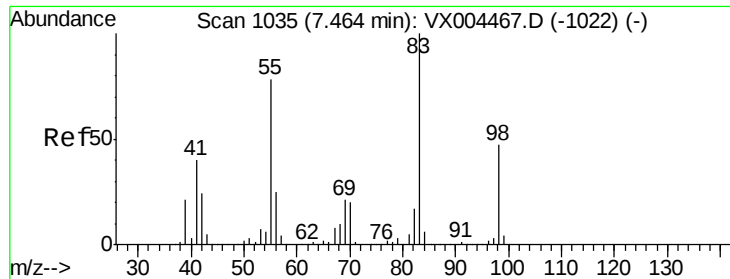
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#38
Carbon Tetrachloride
Concen: 47.22 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX004470.D
Acq: 11 Sep 2018 16:42

Tgt Ion:	117	Resp:	193421
Ion	Ratio	Lower	Upper
117	100		
119	92.2	78.8	118.2
121	30.7	24.9	37.3





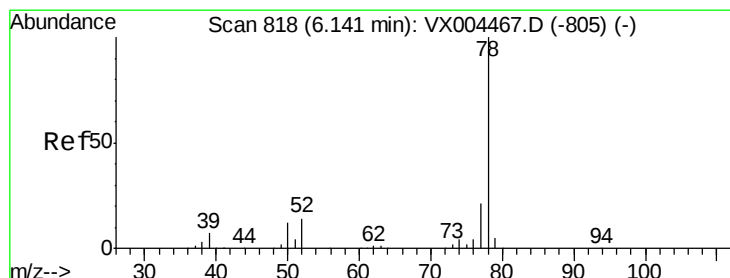
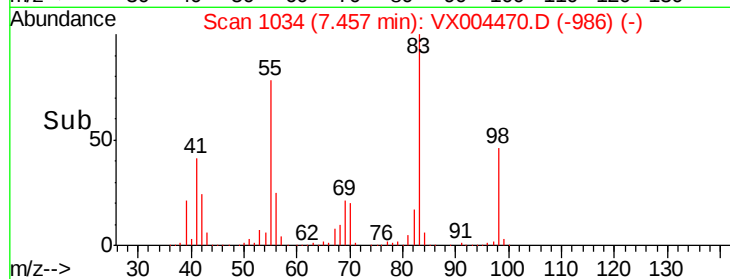
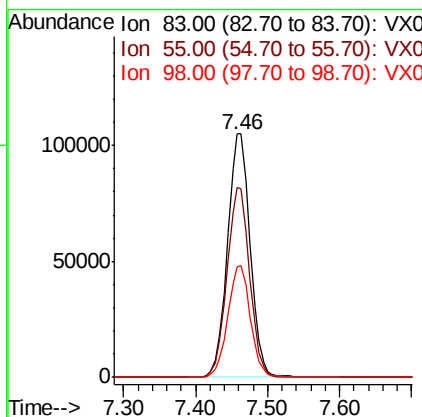
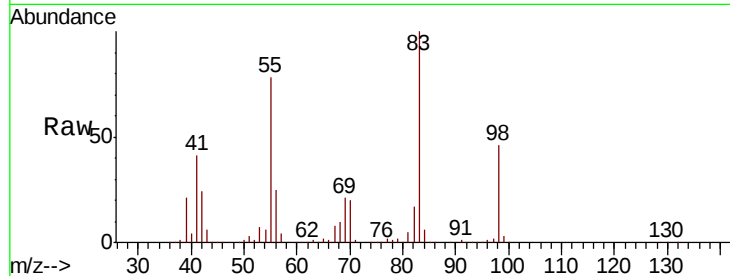
#39
Methvlcvclohexane
Concen: 52.70 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX004470.D
Acq: 11 Sep 2018 16:42

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091118

Tot Ion	Ratio	Resp	Lower	Upper
83	100	230662		
55	78.2	61.0	91.4	
98	45.6	39.6	59.4	

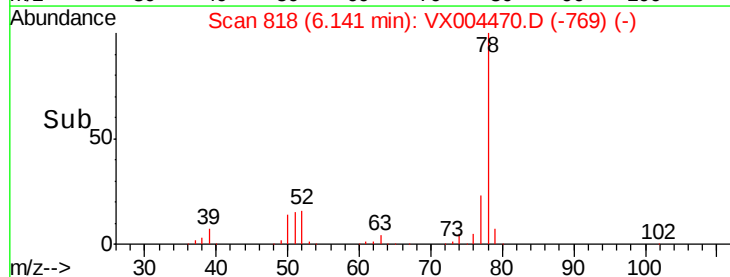
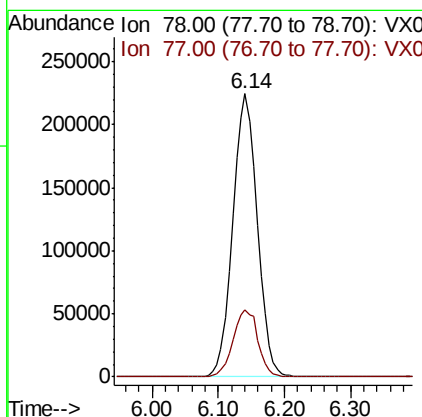
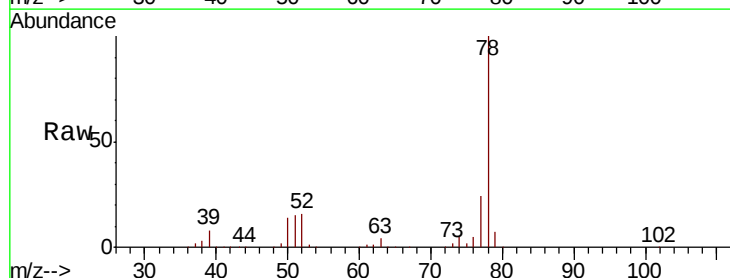
Manual Integrations
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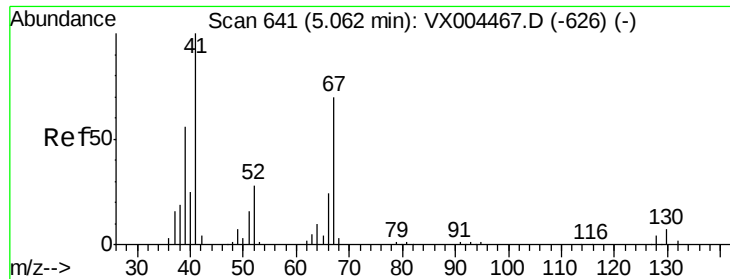
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#40
Benzene
Concen: 46.21 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX004470.D
Acq: 11 Sep 2018 16:42

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	575103		
77	23.5	19.0	28.4	





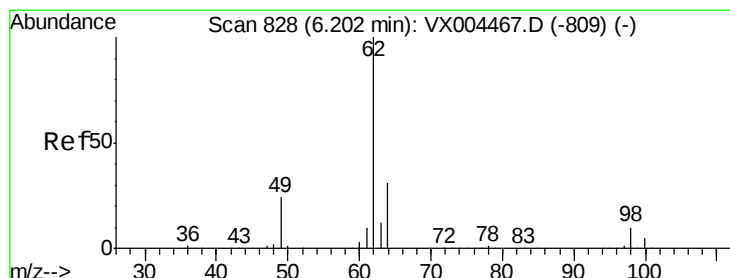
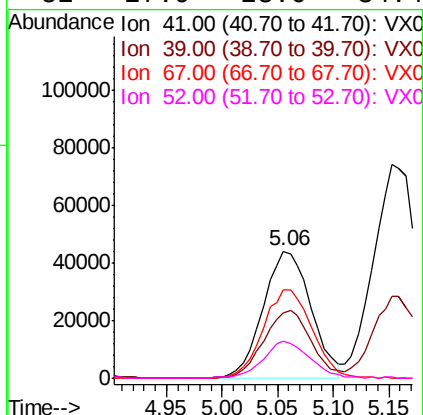
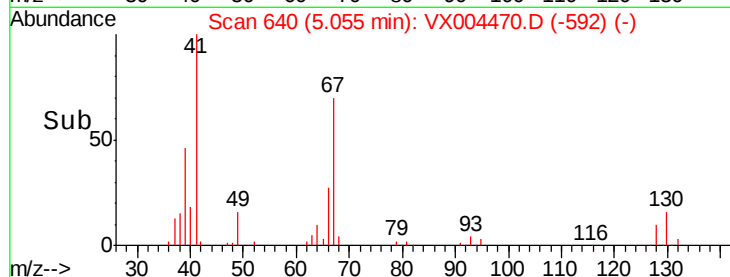
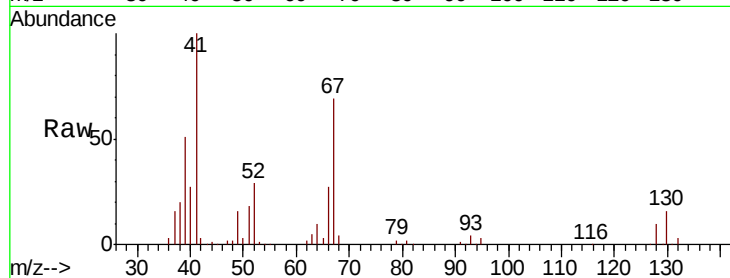
#41
Methacrylonitrile
Concen: 50.28 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.01 min
Lab File: VX004470.D
Acq: 11 Sep 2018 16:42

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091118

Tot Ion	Ratio	Lower	Upper
41	100		
39	53.2	42.4	63.6
67	71.8	59.2	88.8
52	27.9	23.0	34.4

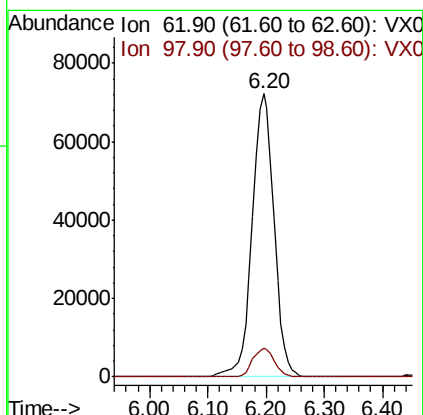
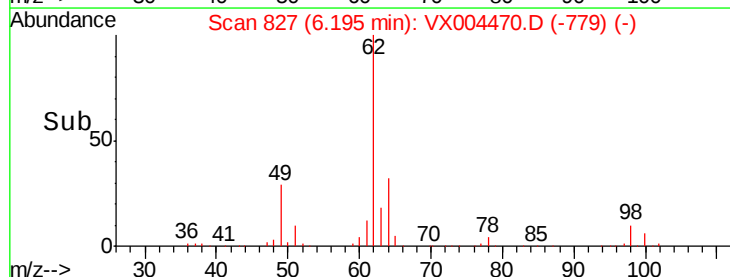
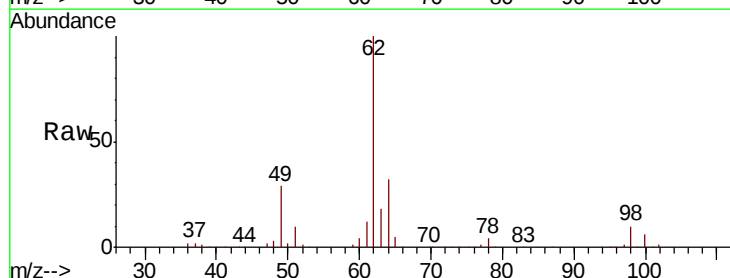
Manual Integrations
APPROVED

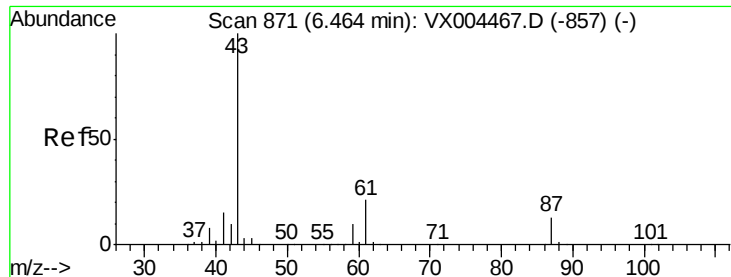
MMDadoda
9/12/2018 11:26:38 AM



#42
1,2-Dichloroethane
Concen: 45.72 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.01 min
Lab File: VX004470.D
Acq: 11 Sep 2018 16:42

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	20.6





#43

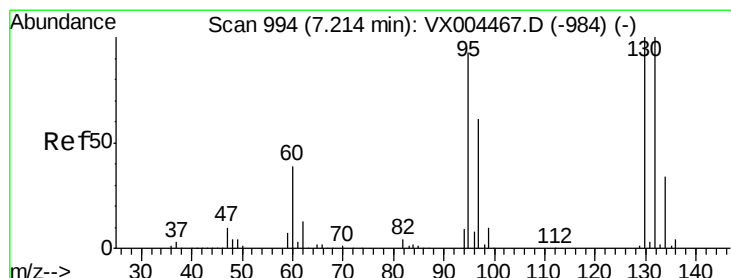
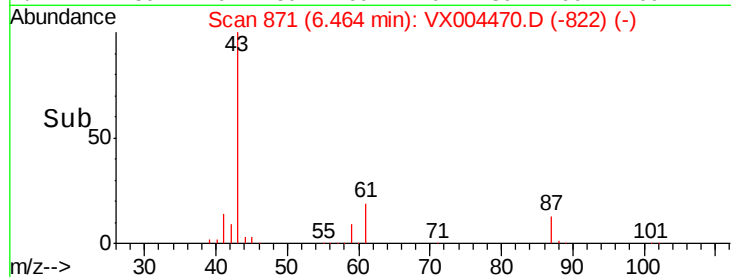
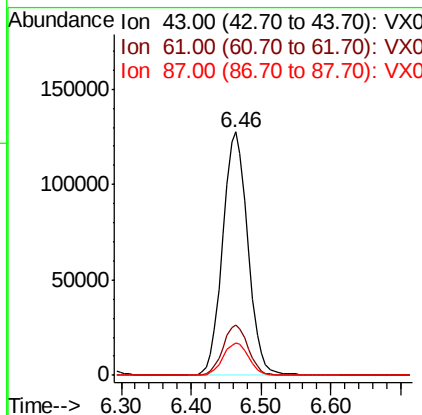
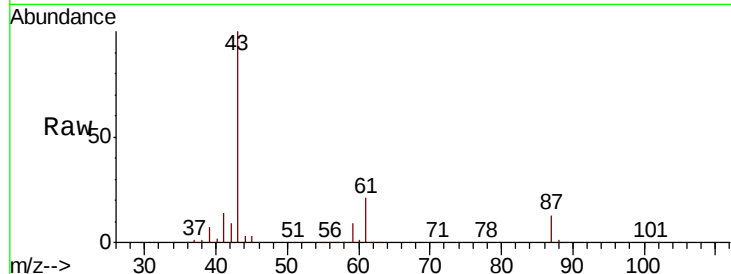
Isopropyl Acetate
 Concen: 50.20 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. -0.00 min
 Lab File: VX004470.D
 Acq: 11 Sep 2018 16:42

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX091118

Tot Ion	43	61	87
Resp	318040		
Ratio	100	20.8	13.6
Lower		17.0	11.4
Upper		25.4	17.2

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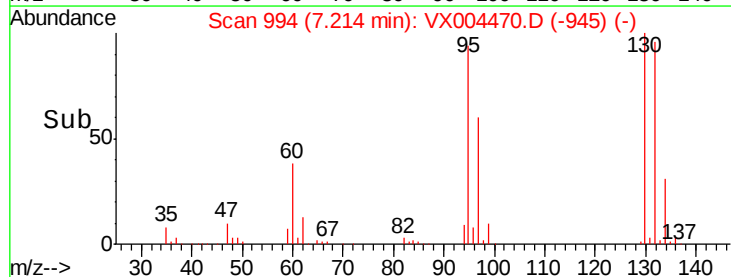
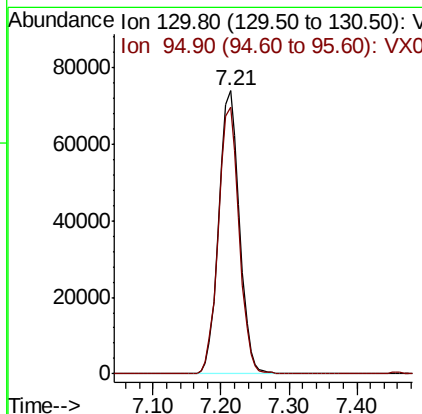
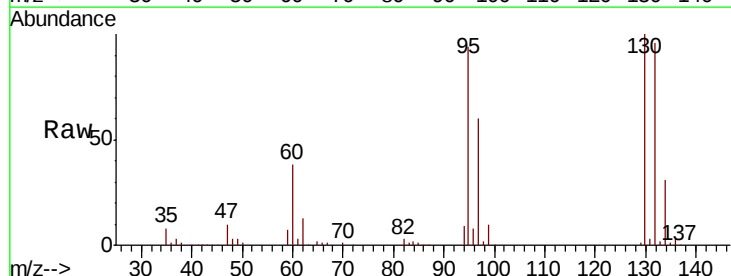
MMDadoda
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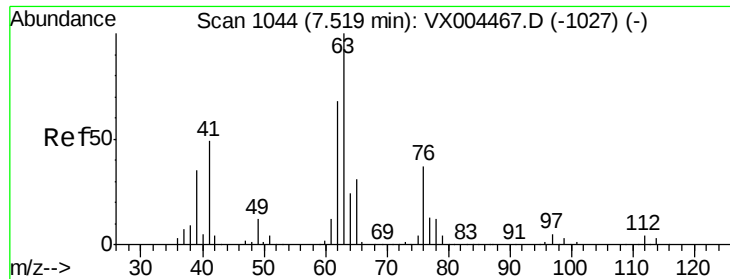


#44

Trichloroethene
 Concen: 48.32 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX004470.D
 Acq: 11 Sep 2018 16:42

Tgt Ion	130	95
Resp	156237	
Ratio	100	94.0
Lower		0.0
Upper		181.6





#45

1,2-Dichloropropane

Concen: 49.69 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VX004470.D

Acq: 11 Sep 2018 16:42

Instrument :

MSVOA_X

ClientSampleId :

ICVVX091118

Tot Ion: 63 Resp: 148806

Ion Ratio Lower Upper

63 100

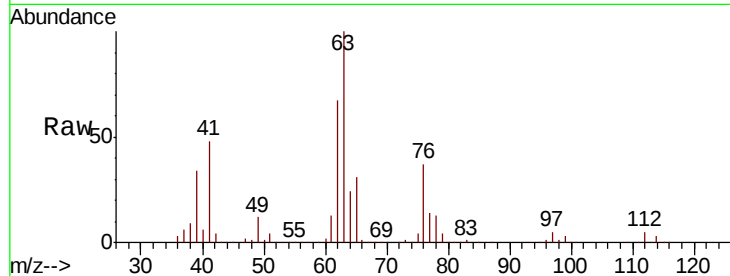
65 30.9 24.3 36.5

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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.52

80000

60000

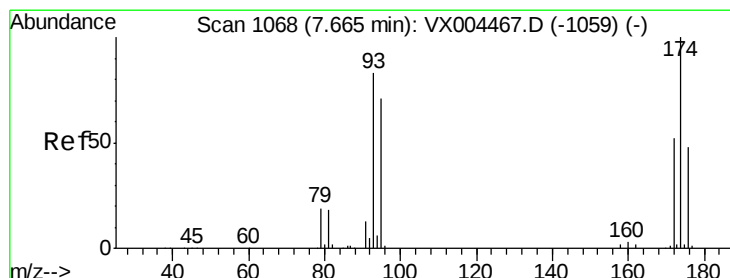
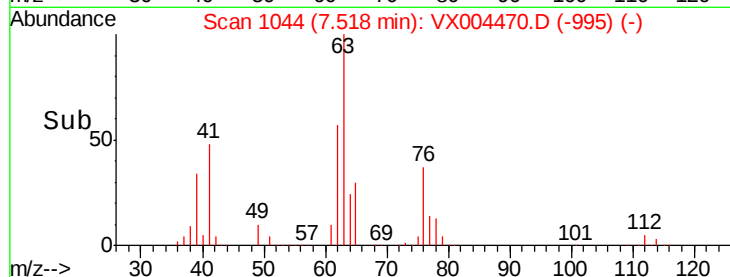
40000

20000

0

7.45 7.50 7.55 7.60 7.65

Time-->



#46

Dibromomethane

Concen: 50.14 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.01 min

Lab File: VX004470.D

Acq: 11 Sep 2018 16:42

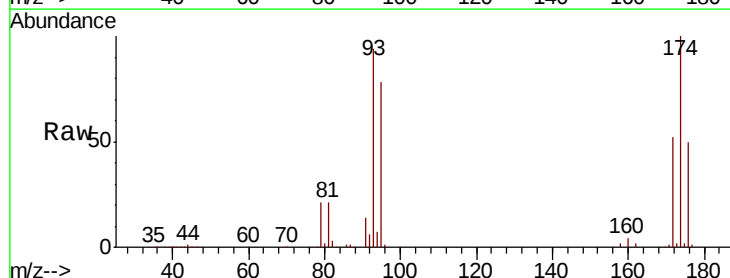
Tgt Ion: 93 Resp: 94857

Ion Ratio Lower Upper

93 100

95 83.2 65.5 98.3

174 114.2 94.2 141.4



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

7.66

60000

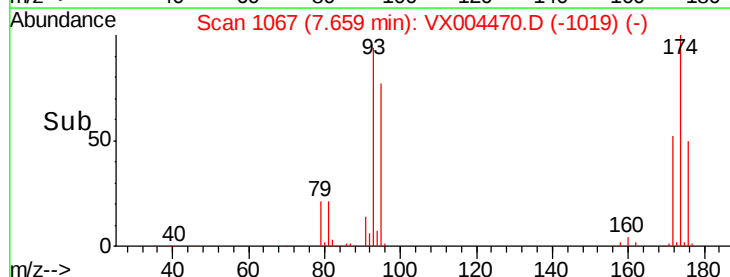
40000

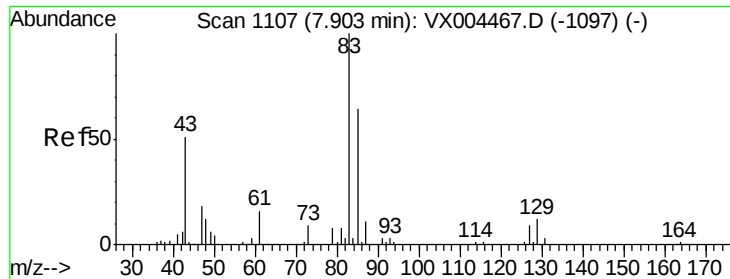
20000

0

7.60 7.70 7.80

Time-->





#47

Bromodichloromethane

Concen: 50.20 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.01 min

Lab File: VX004470.D

Acq: 11 Sep 2018 16:42

Instrument :

MSVOA_X

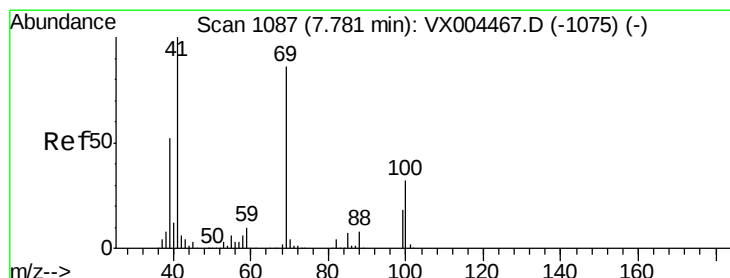
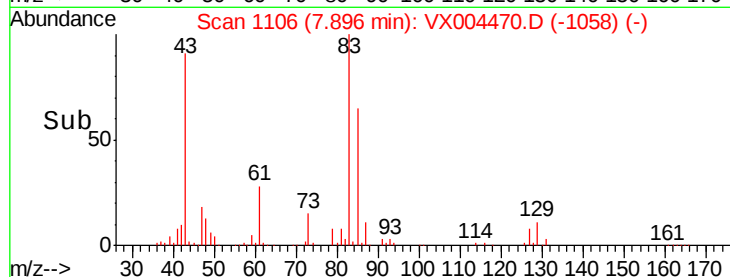
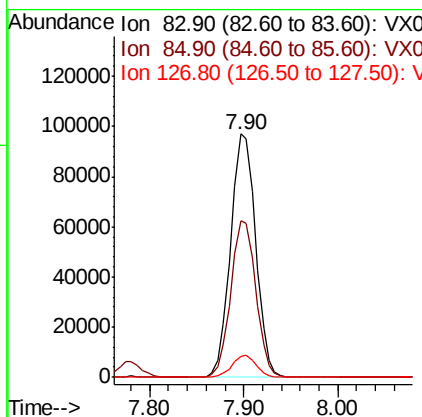
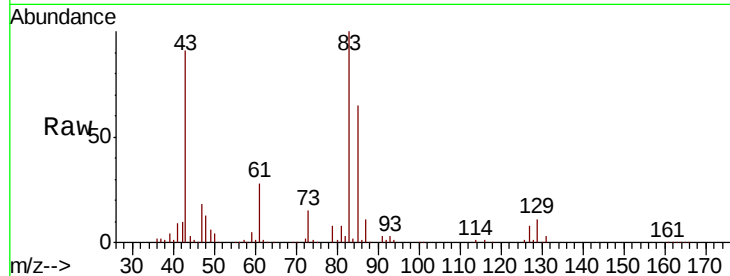
ClientSampleId :

ICVVX091118

Tot Ion:	83	Resp:	179588
Ion Ratio	Lower	Upper	
83	100		
85	64.6	50.9	76.3
127	8.4	7.3	10.9

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#48

Methyl methacrylate

Concen: 53.57 ug/l

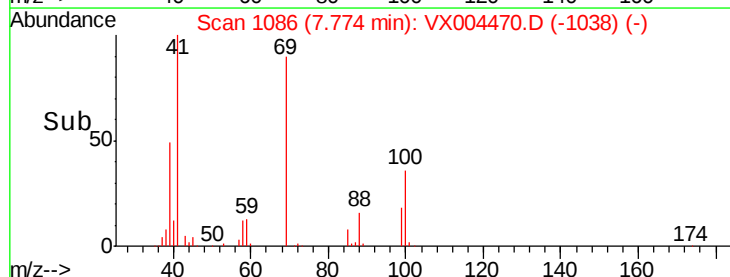
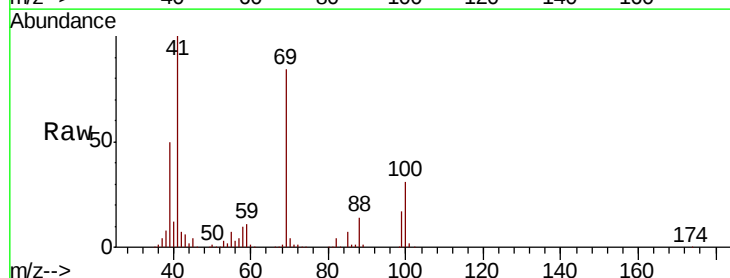
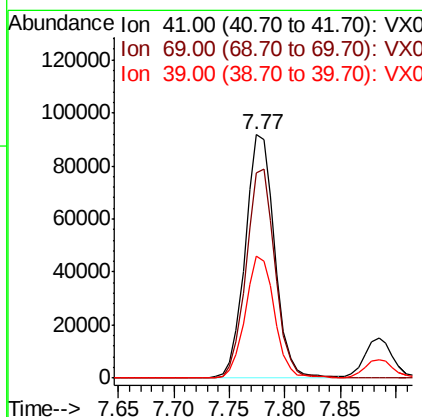
RT: 7.77 min Scan# 1086

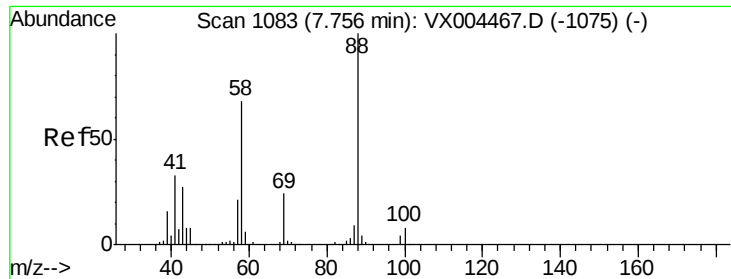
Delta R.T. -0.01 min

Lab File: VX004470.D

Acq: 11 Sep 2018 16:42

Tgt Ion:	41	Resp:	167987
Ion Ratio	Lower	Upper	
41	100		
69	85.3	70.2	105.4
39	50.2	42.7	64.1





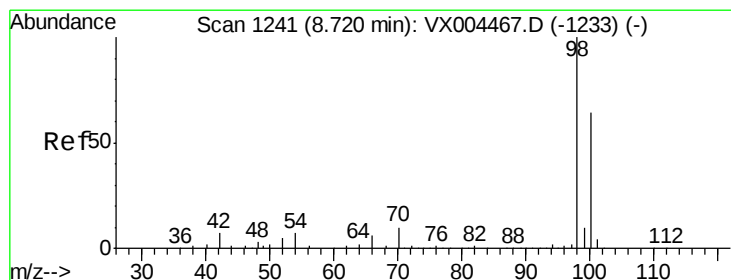
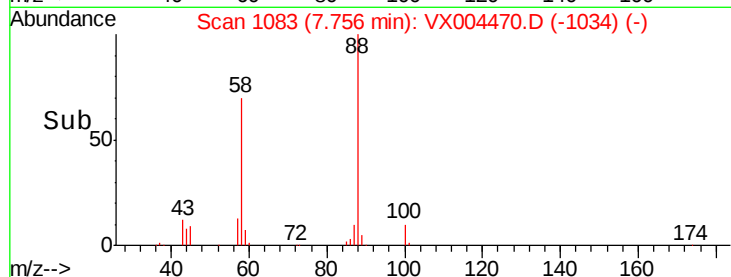
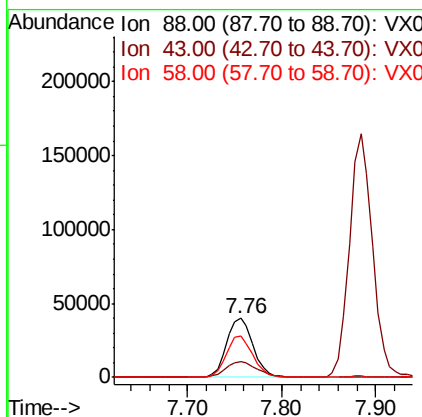
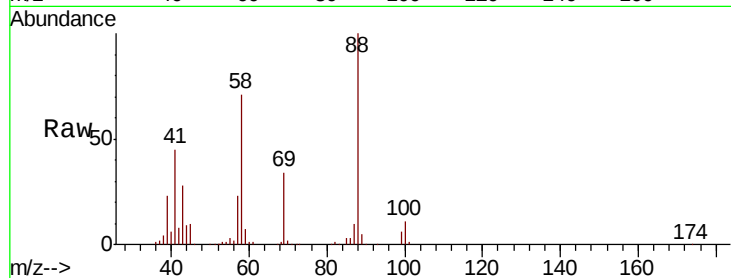
#49
1,4-Dioxane
Concen: 1042.45 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. -0.00 min
Lab File: VX004470.D
Acq: 11 Sep 2018 16:42

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091118

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.3	24.7	37.1
58	71.0	55.3	82.9

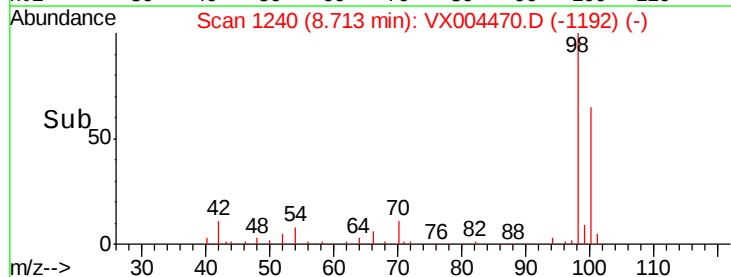
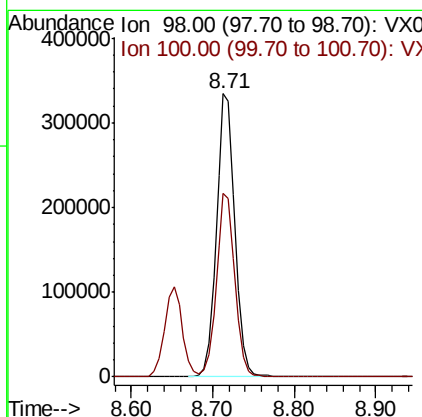
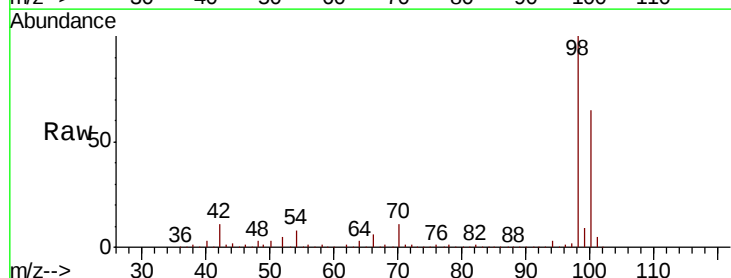
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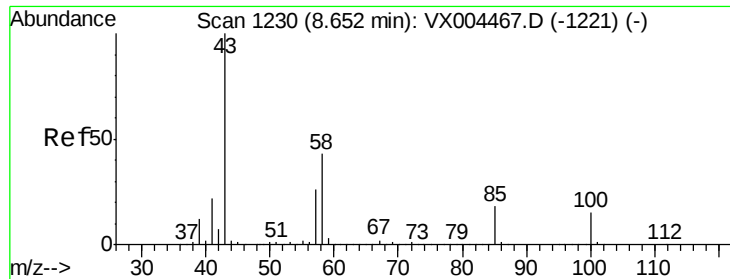
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#50
Toluene-d8
Concen: 49.85 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VX004470.D
Acq: 11 Sep 2018 16:42

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.9	79.3





#51

4-Methyl-2-Pentanone

Concen: 238.83 ug/l

RT: 8.65 min Scan# 1230

Delta R.T. -0.00 min

Lab File: VX004470.D

Acq: 11 Sep 2018 16:42

Instrument :

MSVOA_X

ClientSampleId :

ICVVX091118

Tot Ion: 43 Resp: 1067883

Ion Ratio Lower Upper

43 100

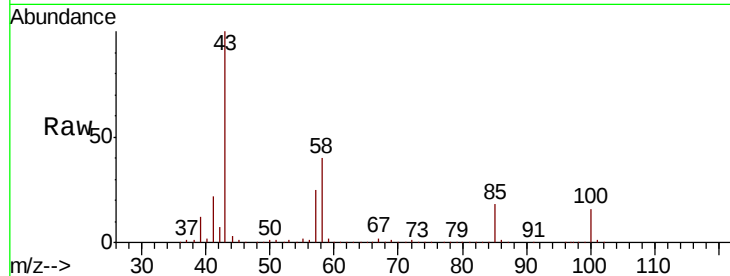
58 39.7 33.1 49.7

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

800000

600000

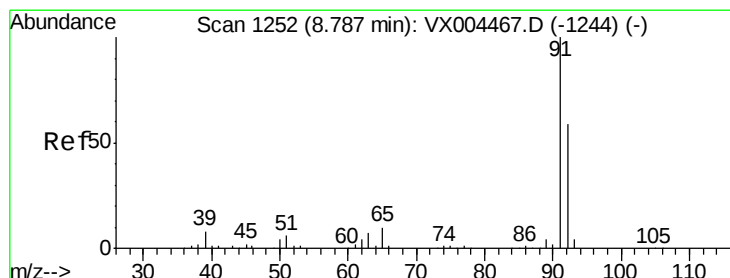
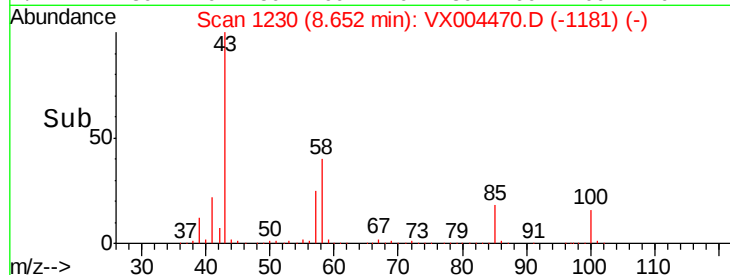
400000

200000

0

8.60 8.70 8.80

Time-->



#52

Toluene

Concen: 48.32 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX004470.D

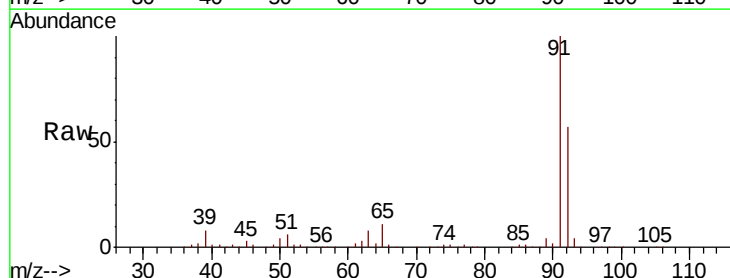
Acq: 11 Sep 2018 16:42

Tgt Ion: 92 Resp: 354258

Ion Ratio Lower Upper

92 100

91 173.9 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

400000

300000

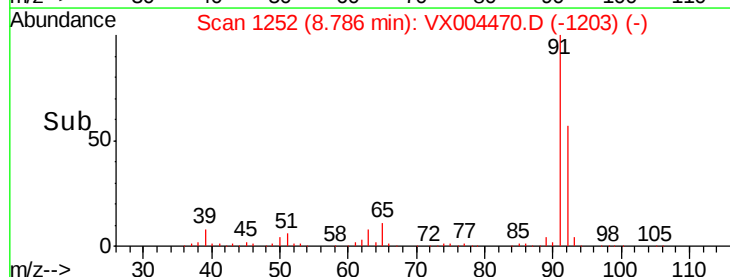
200000

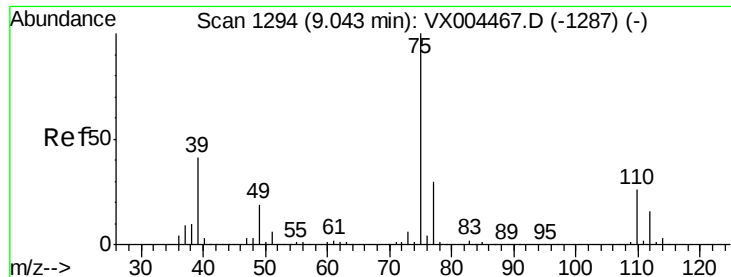
100000

0

8.70 8.80 8.90 9.00

Time-->





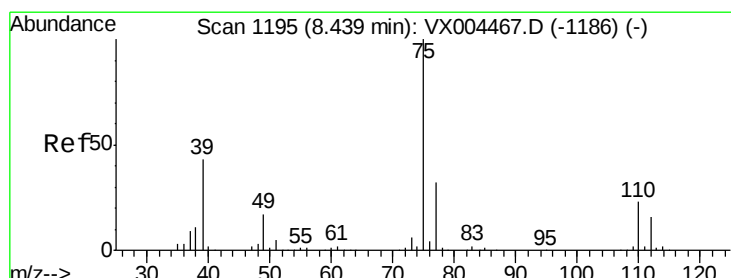
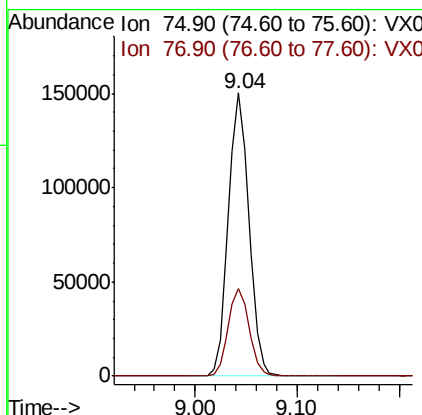
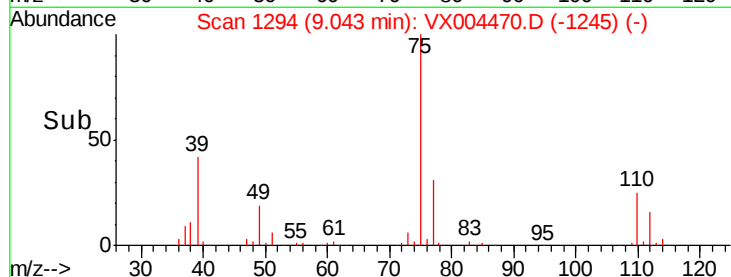
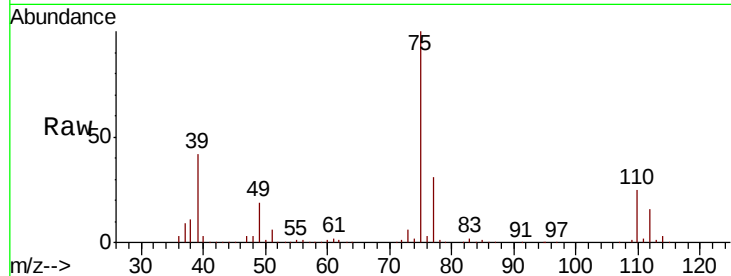
#53
 t-1,3-Dichloropropene
 Concen: 50.27 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX004470.D
 Acq: 11 Sep 2018 16:42

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX091118

Tot Ion: 75 Resp: 210093
 Ion Ratio Lower Upper
 75 100
 77 31.1 24.6 37.0

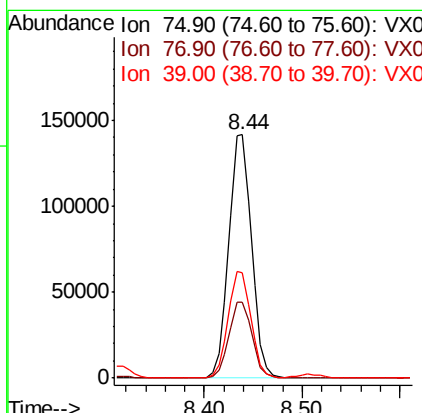
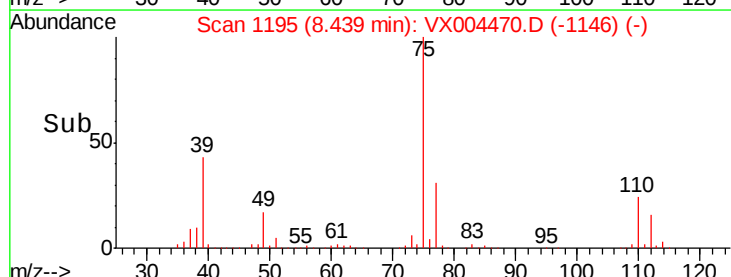
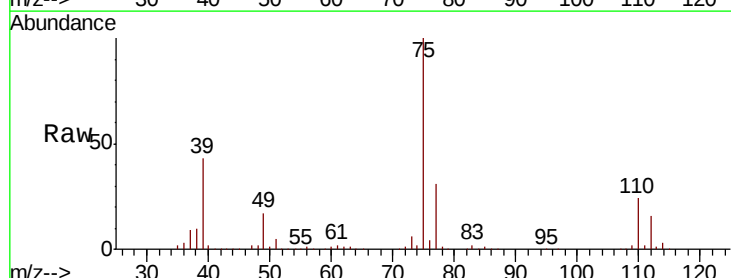
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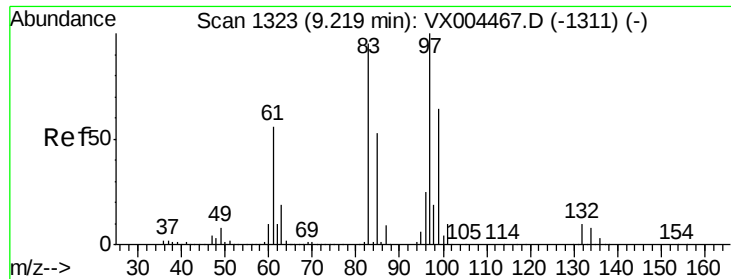
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#54
 cis-1,3-Dichloropropene
 Concen: 53.90 ug/l
 RT: 8.44 min Scan# 1195
 Delta R.T. -0.00 min
 Lab File: VX004470.D
 Acq: 11 Sep 2018 16:42

Tgt Ion: 75 Resp: 229606
 Ion Ratio Lower Upper
 75 100
 77 31.4 26.2 39.2
 39 43.4 36.4 54.6





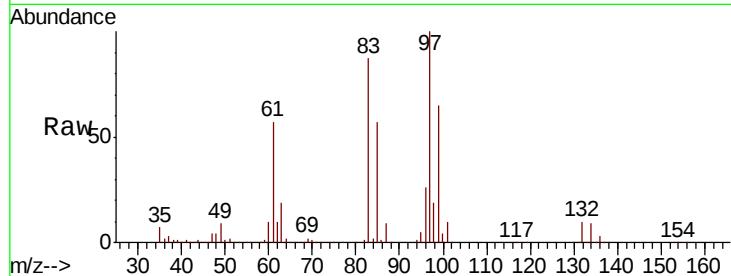
#55
 1,1,2-Trichloroethane
 Concen: 45.43 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: VX004470.D
 Acq: 11 Sep 2018 16:42

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX091118

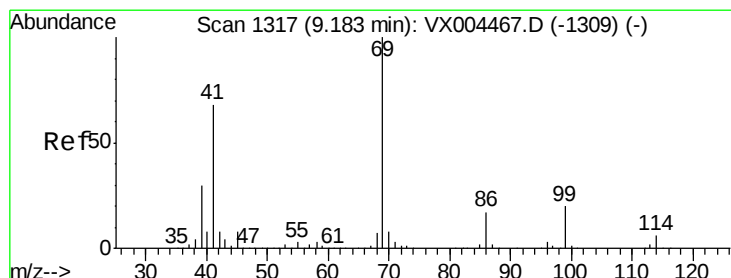
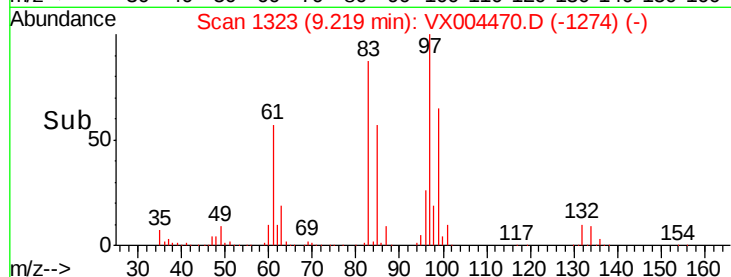
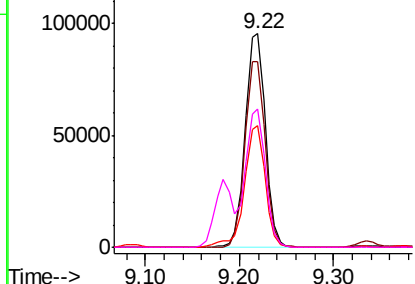
Tot Ion	Ratio	Lower	Upper
97	100		
83	86.8	66.4	99.6
85	57.0	43.3	64.9
99	64.9	49.0	73.4

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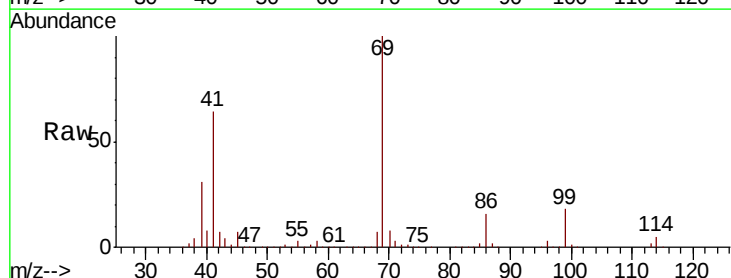


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

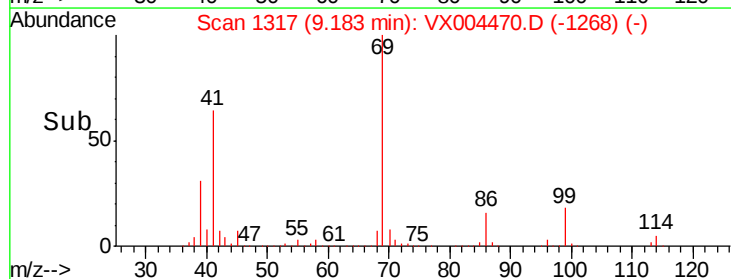
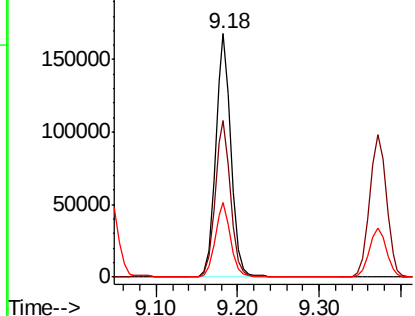


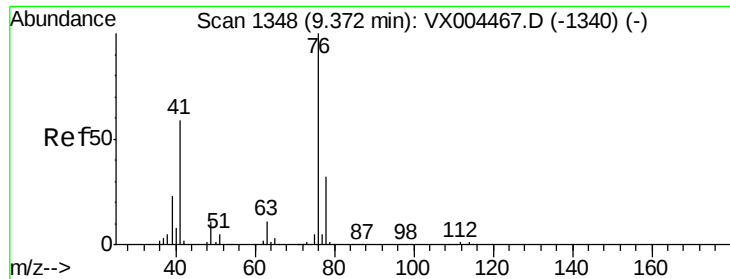
#56
 Ethyl methacrylate
 Concen: 50.11 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX004470.D
 Acq: 11 Sep 2018 16:42

Tgt Ion	Ratio	Lower	Upper
69	100		
41	65.0	51.0	76.4
39	30.7	26.1	39.1



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





#57

1,3-Dichloropropane

Concen: 47.39 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX004470.D

Acq: 11 Sep 2018 16:42

Instrument :

MSVOA_X

ClientSampleId :

ICVVX091118

Tot Ion: 76 Resp: 243091

Ion Ratio Lower Upper

76 100

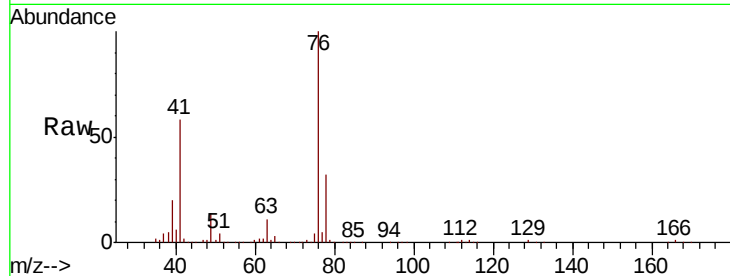
78 32.1 25.5 38.3

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

200000

150000

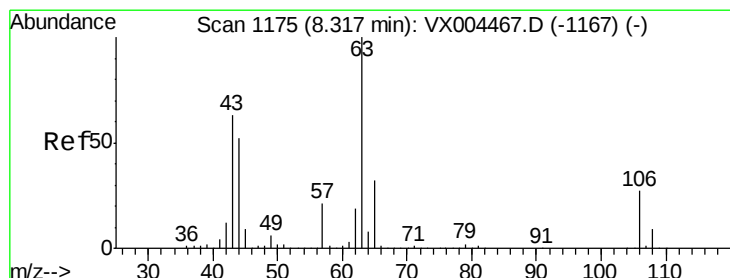
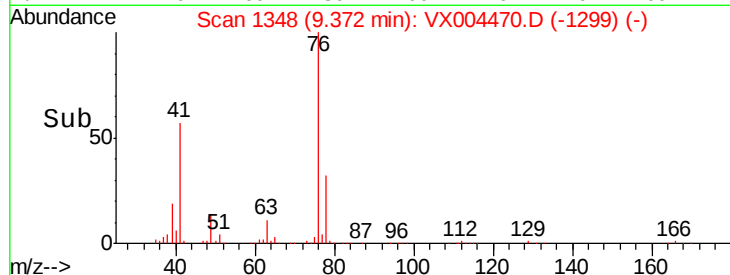
100000

50000

0

9.30 9.40 9.50

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 254.17 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. 0.00 min

Lab File: VX004470.D

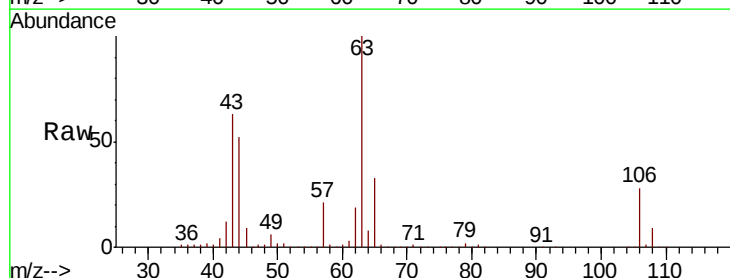
Acq: 11 Sep 2018 16:42

Tgt Ion: 63 Resp: 578634

Ion Ratio Lower Upper

63 100

106 27.0 23.9 35.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

400000

300000

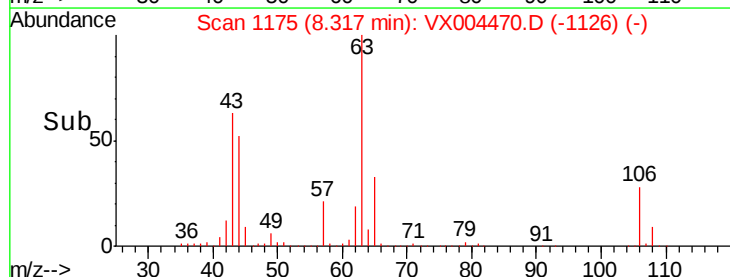
200000

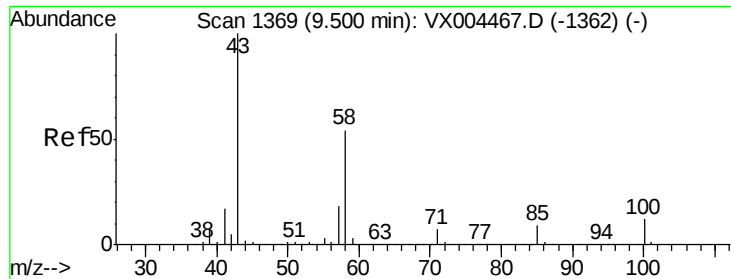
100000

0

8.20 8.30 8.40

Time-->





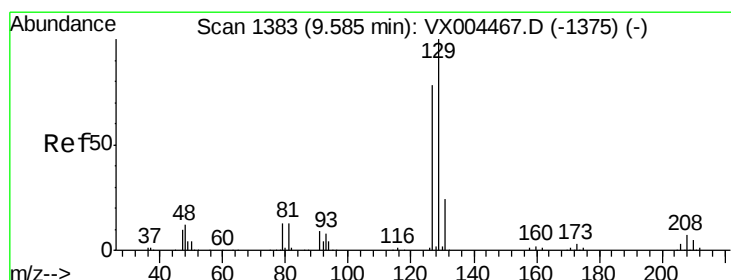
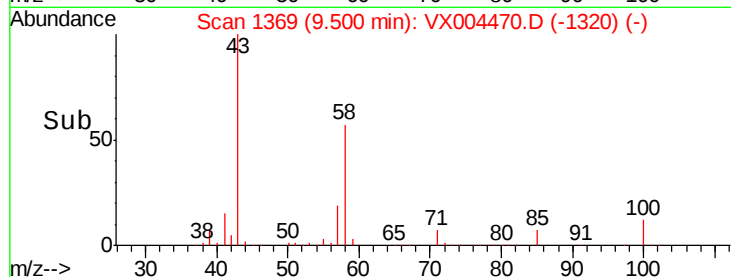
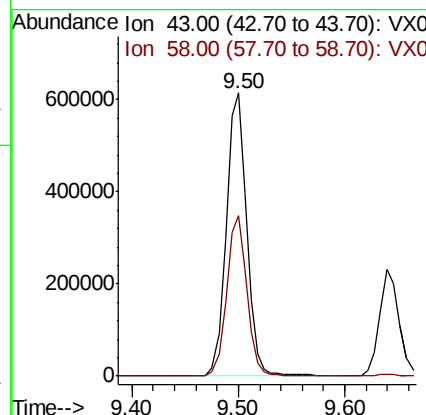
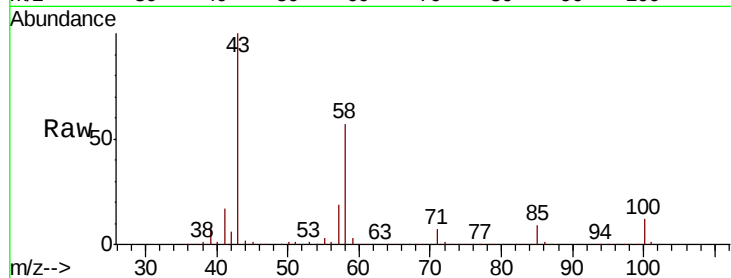
#59
 2-Hexanone
 Concen: 240.07 ug/l
 RT: 9.50 min Scan# 1369
 Delta R.T. -0.00 min
 Lab File: VX004470.D
 Acq: 11 Sep 2018 16:42

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX091118

Tot Ion	Ratio	Lower	Upper
43	100		
58	55.9	29.0	87.0

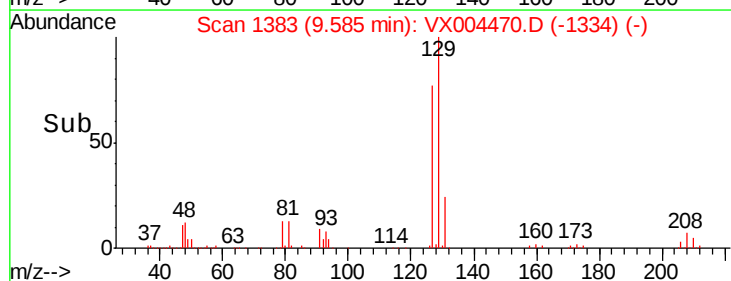
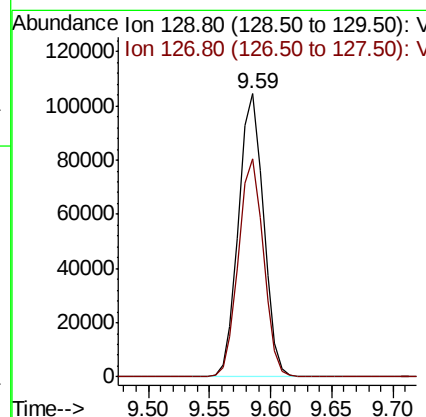
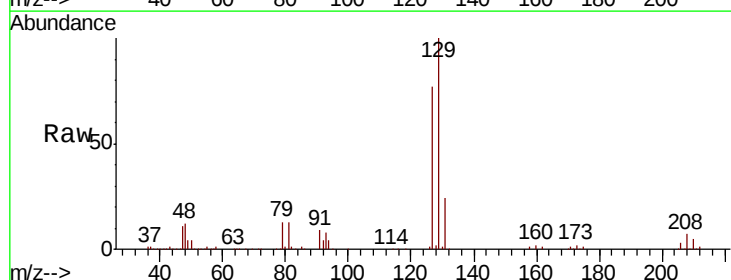
Manual Integrations
 APPROVED

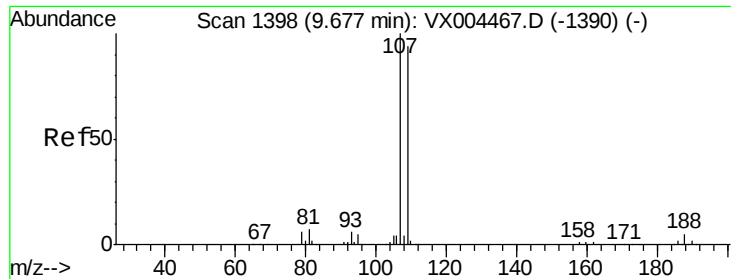
MMDadoda
 9/12/2018 11:26:38 AM



#60
 Dibromochloromethane
 Concen: 49.49 ug/l
 RT: 9.59 min Scan# 1383
 Delta R.T. -0.00 min
 Lab File: VX004470.D
 Acq: 11 Sep 2018 16:42

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.1	38.5	115.5





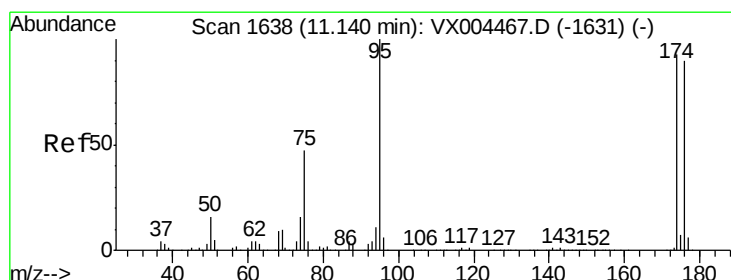
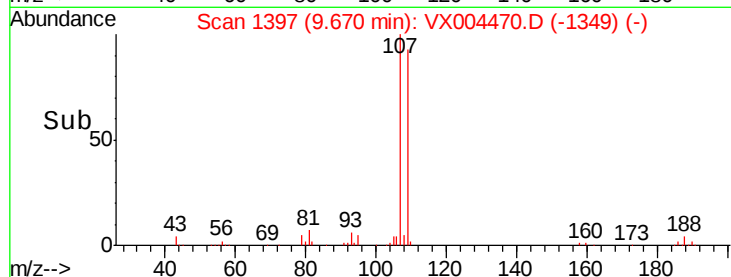
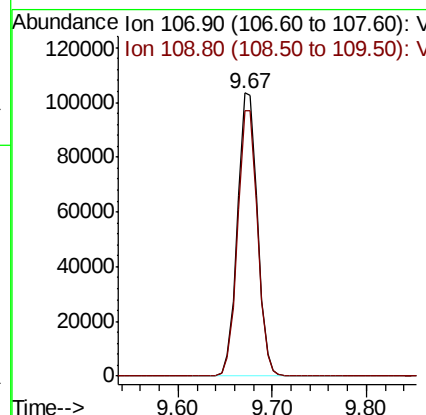
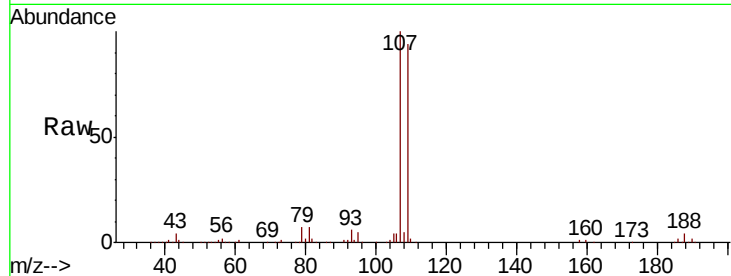
#61
 1,2-Dibromoethane
 Concen: 50.17 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.01 min
 Lab File: VX004470.D
 Acq: 11 Sep 2018 16:42

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX091118

Tot Ion	Ratio	Resp	Lower	Upper
107	100	151308		
109	94.1	76.0	114.0	

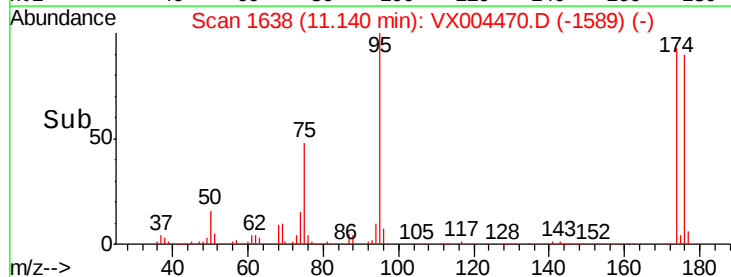
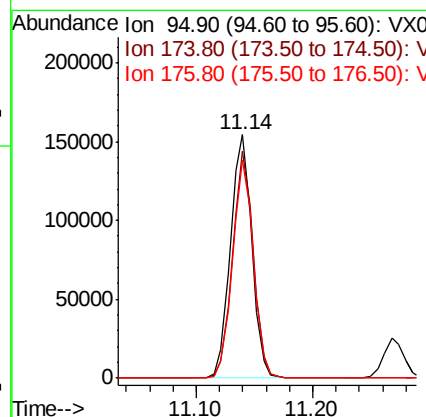
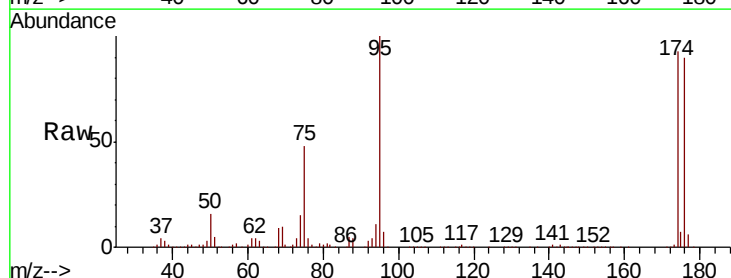
Manual Integrations
 APPROVED

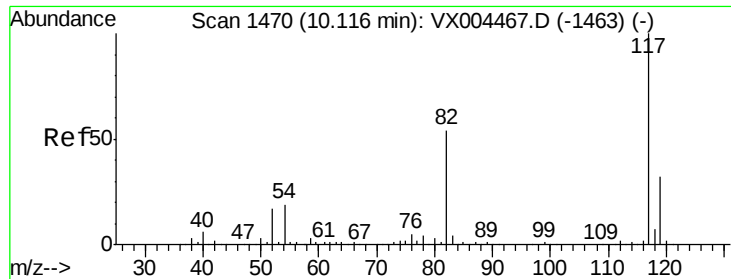
MMDadoda
 9/12/2018 11:26:38 AM



#62
 4-Bromofluorobenzene
 Concen: 51.90 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. -0.00 min
 Lab File: VX004470.D
 Acq: 11 Sep 2018 16:42

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	196415		
174	90.6	0.0	185.2	
176	87.9	0.0	178.6	





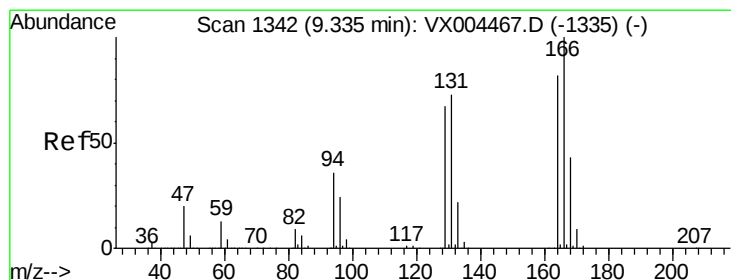
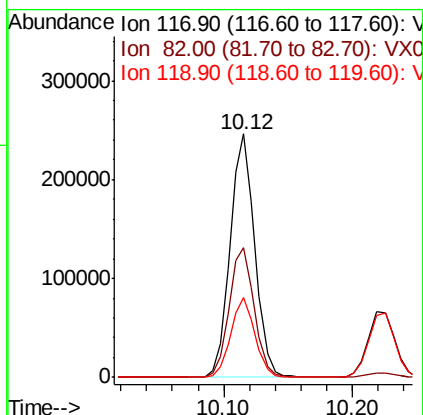
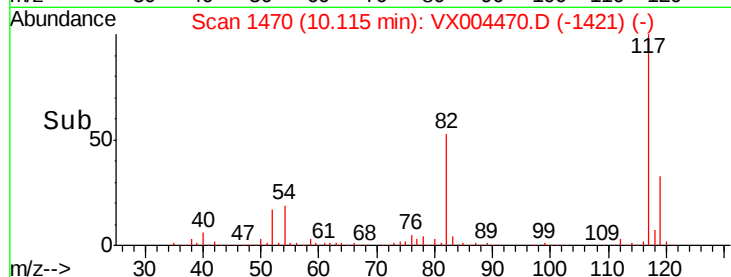
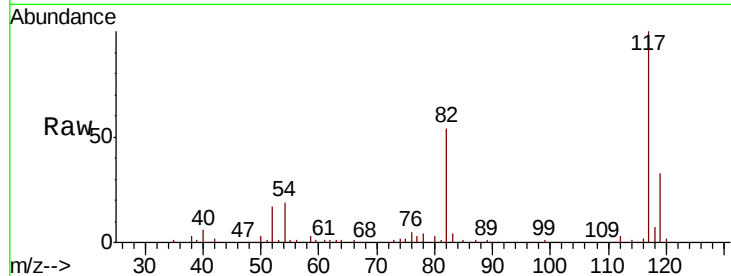
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004470.D
Acq: 11 Sep 2018 16:42

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091118

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.5	47.8	71.6
119	32.6	29.3	43.9

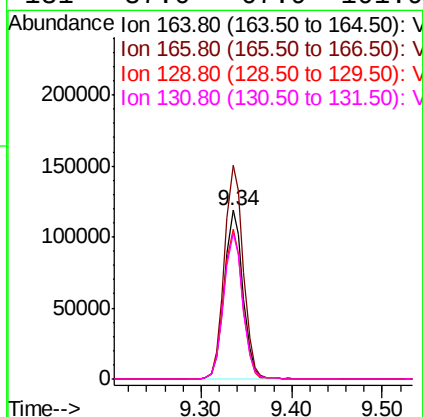
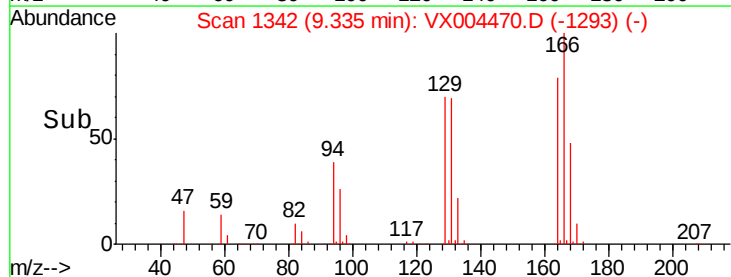
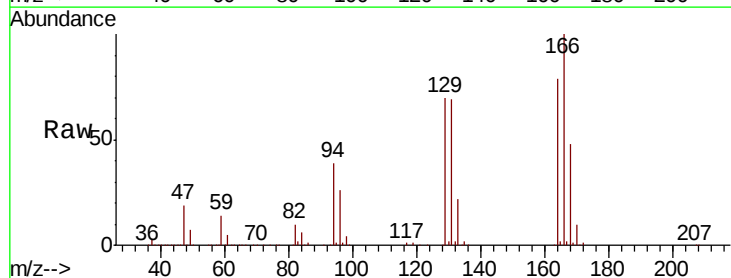
Manual Integrations
APPROVED

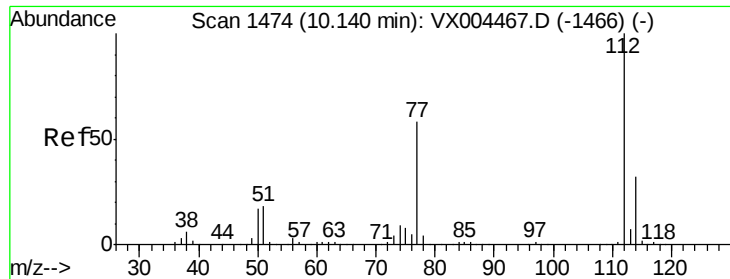
MMDadoda
9/12/2018 11:26:38 AM



#64
Tetrachloroethene
Concen: 41.23 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX004470.D
Acq: 11 Sep 2018 16:42

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.9	102.8	154.2
129	89.0	69.4	104.0
131	87.0	67.9	101.9





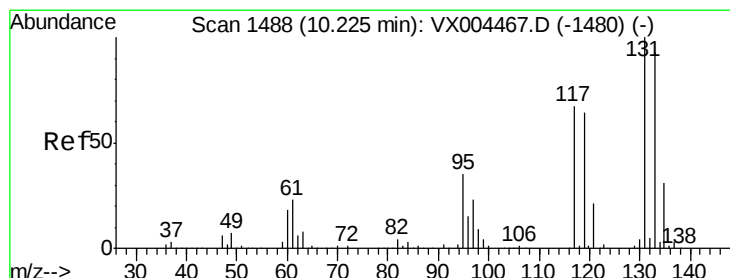
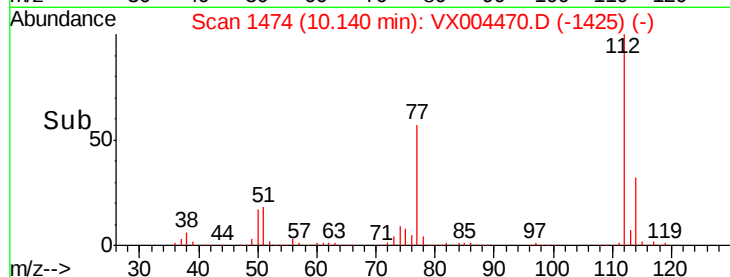
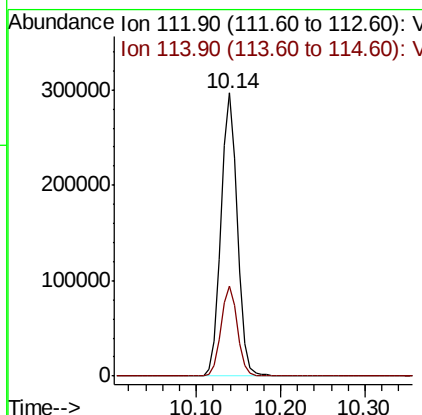
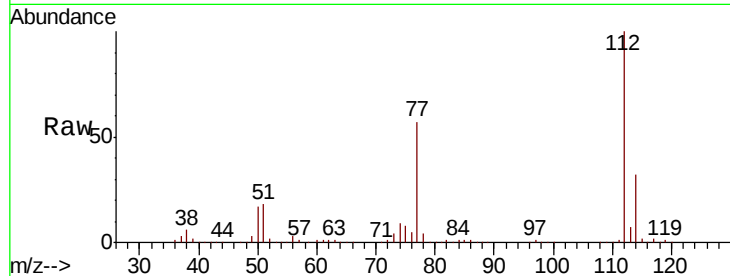
#65
Chlorobenzene
Concen: 49.00 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX004470.D
Acq: 11 Sep 2018 16:42

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091118

Tot Ion:112 Resp: 400473
Ion Ratio Lower Upper
112 100
114 31.7 27.8 41.8

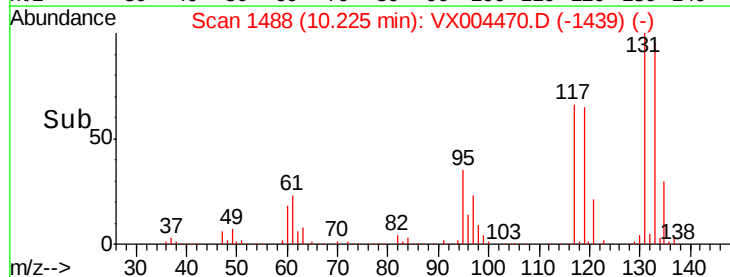
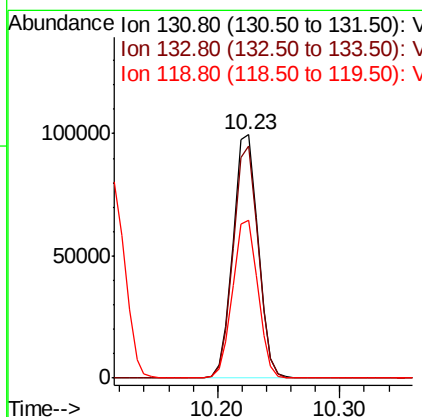
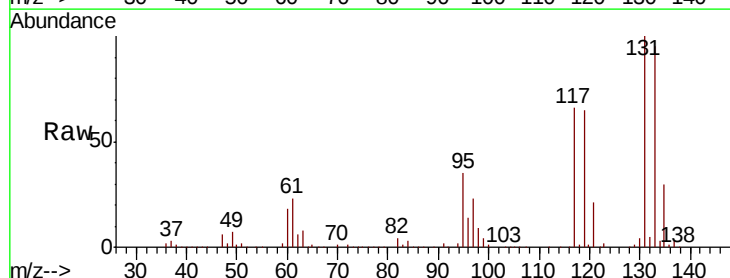
Manual Integrations
APPROVED

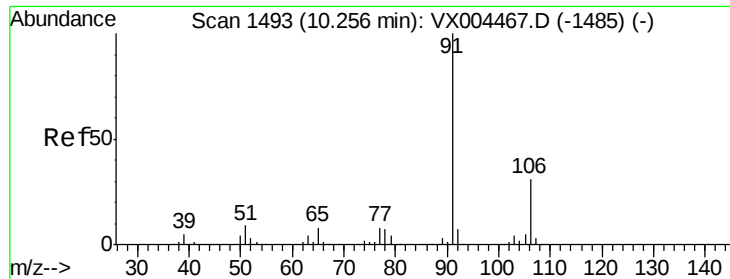
MMDadoda
9/12/2018 11:26:38 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 49.89 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VX004470.D
Acq: 11 Sep 2018 16:42

Tgt Ion:131 Resp: 140627
Ion Ratio Lower Upper
131 100
133 95.0 48.1 144.4
119 65.3 32.9 98.6





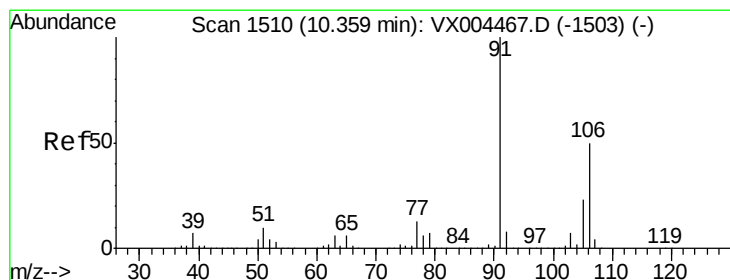
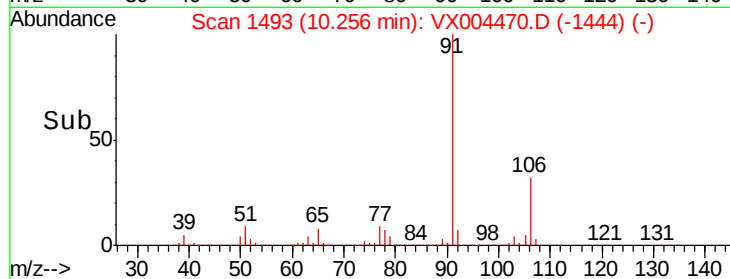
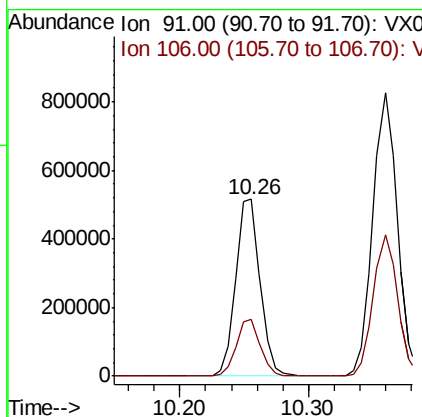
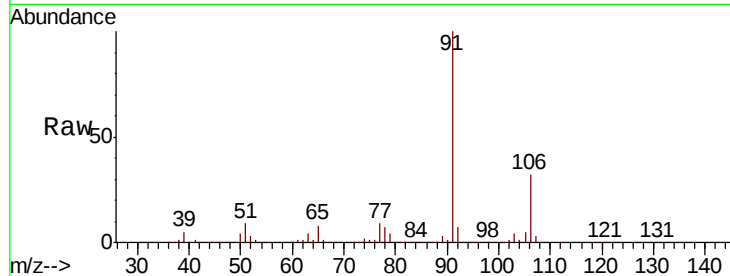
#67
Ethyl Benzene
Concen: 51.43 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VX004470.D
Acq: 11 Sep 2018 16:42

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091118

Tot Ion: 91 Resp: 683580
Ion Ratio Lower Upper
91 100
106 31.9 25.9 38.9

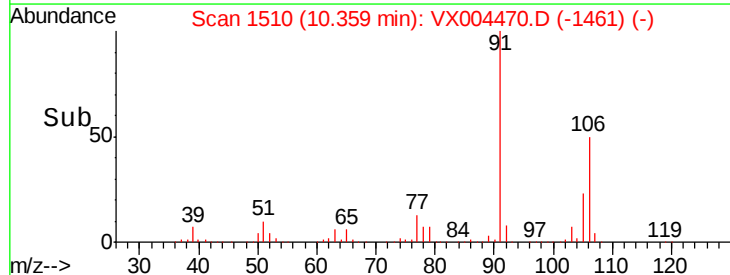
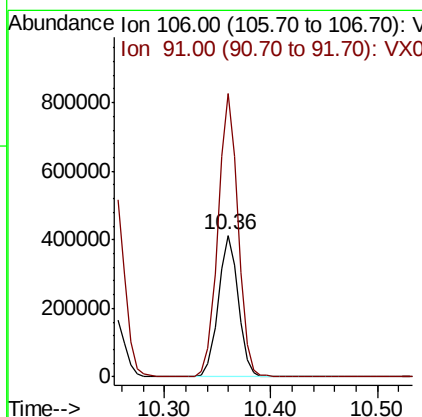
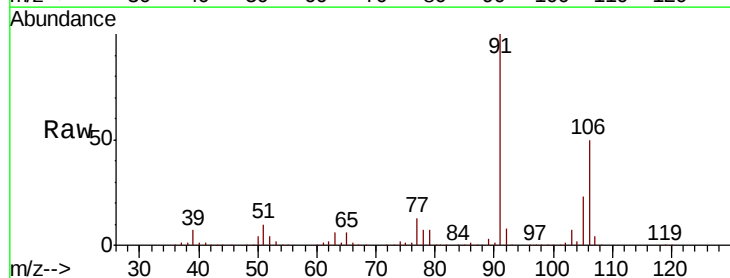
Manual Integrations
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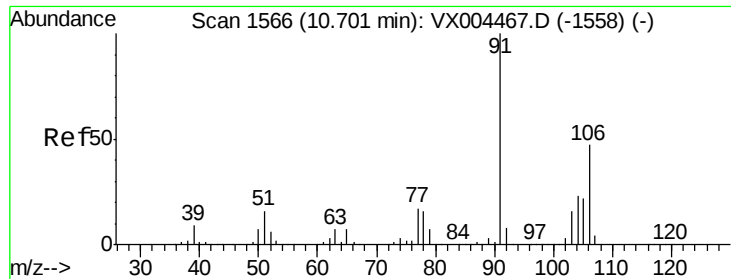
MMDadoda
9/12/2018 11:26:38 AM



#68
m/p-Xylenes
Concen: 104.84 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX004470.D
Acq: 11 Sep 2018 16:42

Tgt Ion: 106 Resp: 536767
Ion Ratio Lower Upper
106 100
91 200.6 157.1 235.7





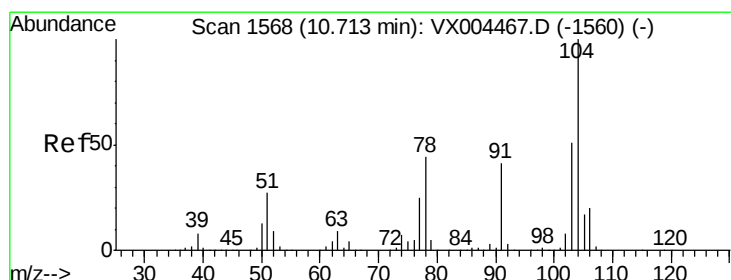
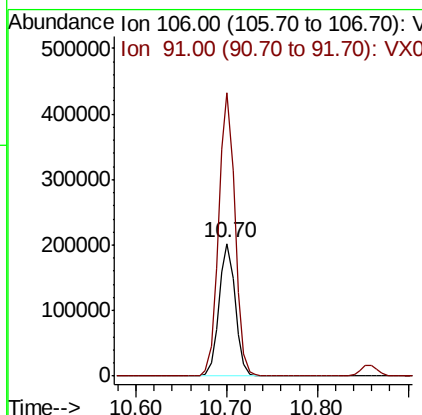
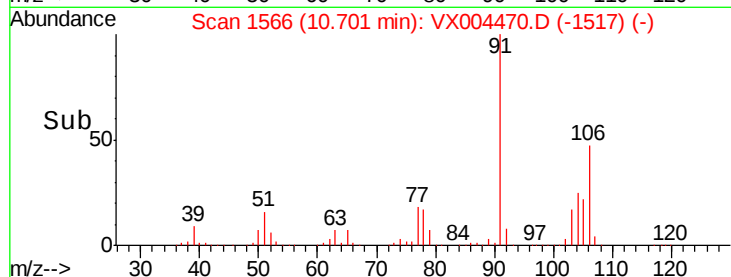
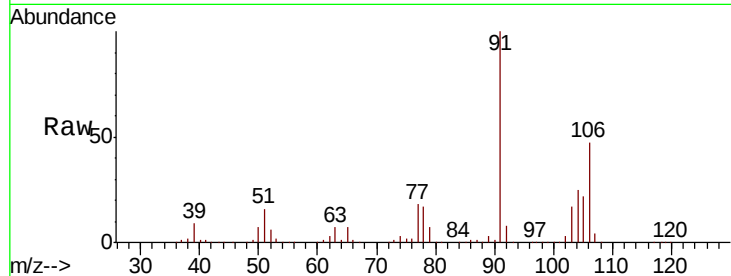
#69
o-Xylene
Concen: 51.89 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX004470.D
Acq: 11 Sep 2018 16:42

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091118

Tot Ion:106 Resp: 255382
Ion Ratio Lower Upper
106 100
91 213.5 105.1 315.1

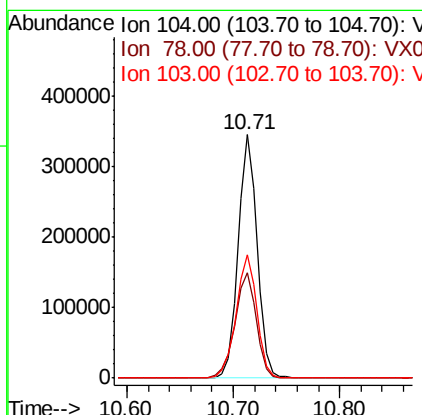
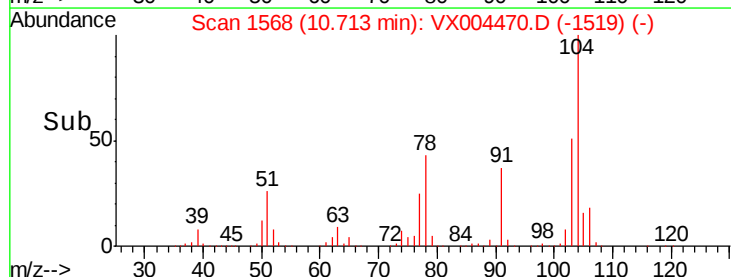
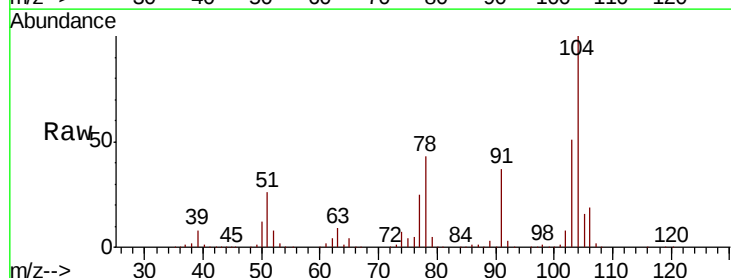
Manual Integrations
APPROVED

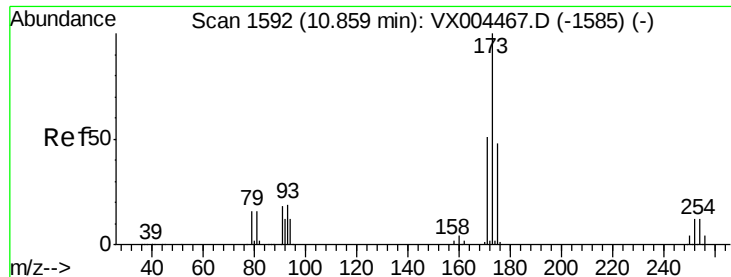
MMDadoda
9/12/2018 11:26:38 AM



#70
Styrene
Concen: 53.34 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX004470.D
Acq: 11 Sep 2018 16:42

Tgt Ion:104 Resp: 434928
Ion Ratio Lower Upper
104 100
78 48.6 37.4 56.0
103 55.3 43.8 65.6





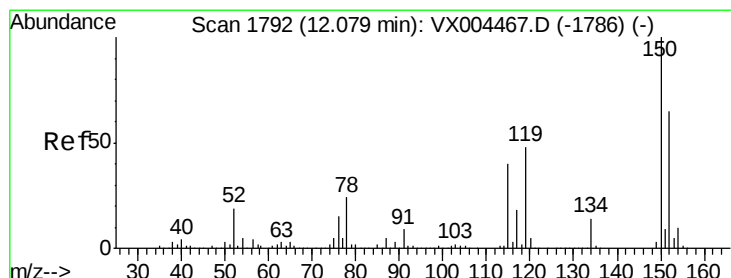
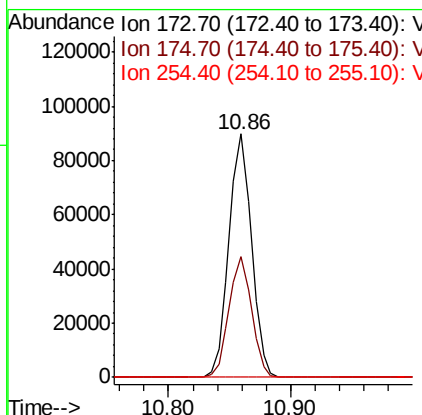
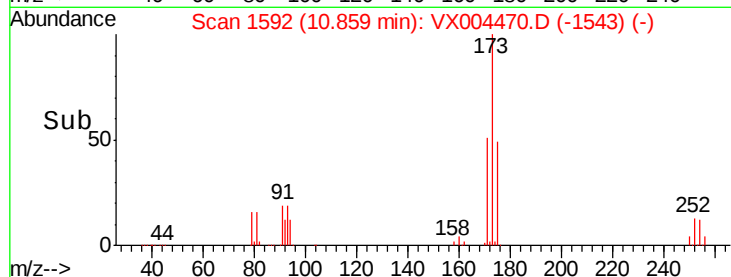
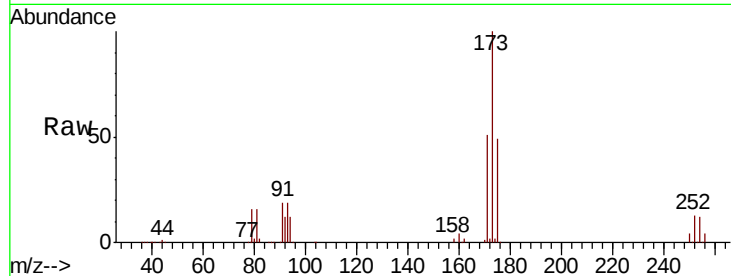
#71
Bromoform
Concen: 49.65 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VX004470.D
Acq: 11 Sep 2018 16:42

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091118

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.5	24.1	72.3
254	0.1	0.2	0.2

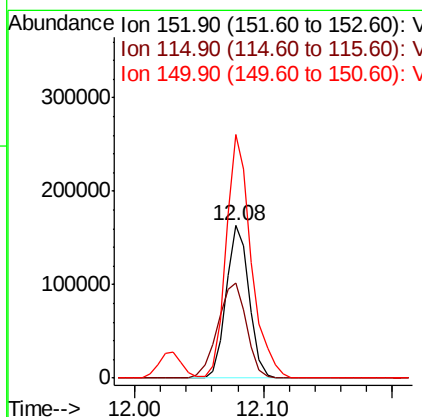
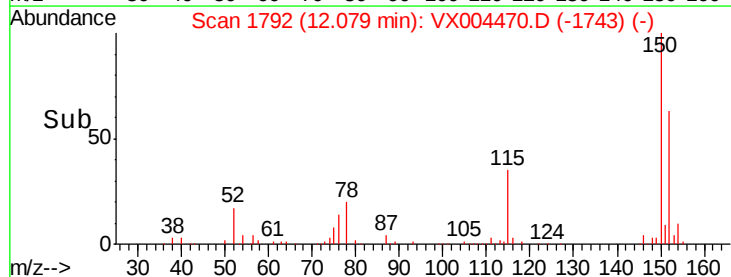
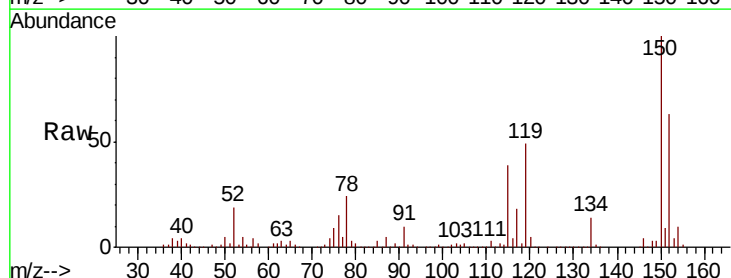
Manual Integrations
APPROVED

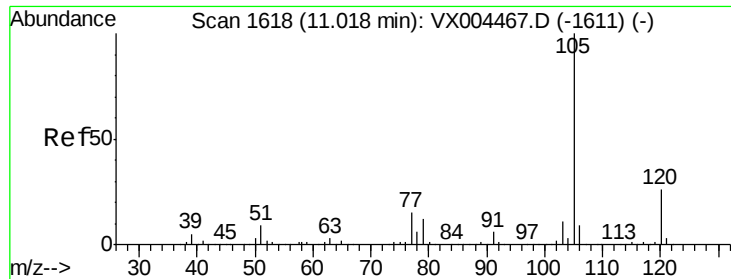
MMDadoda
9/12/2018 11:26:38 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX004470.D
Acq: 11 Sep 2018 16:42

Tgt Ion	Ratio	Lower	Upper
152	100		
115	78.3	39.0	117.0
150	174.4	0.0	351.0





#73

Isopropylbenzene

Concen: 51.59 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX004470.D

Acq: 11 Sep 2018 16:42

Instrument :

MSVOA_X

ClientSampleId :

ICVVX091118

Tot Ion: 105 Resp: 691861

Ion Ratio Lower Upper

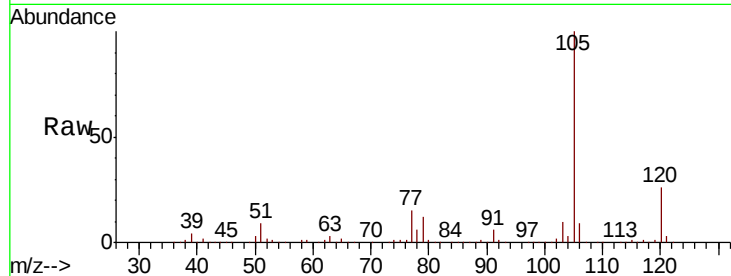
105 100

120 26.6 13.5 40.4

Manual Integrations
APPROVED

MMDadoda

9/12/2018 11:26:38 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

600000

500000

400000

300000

200000

100000

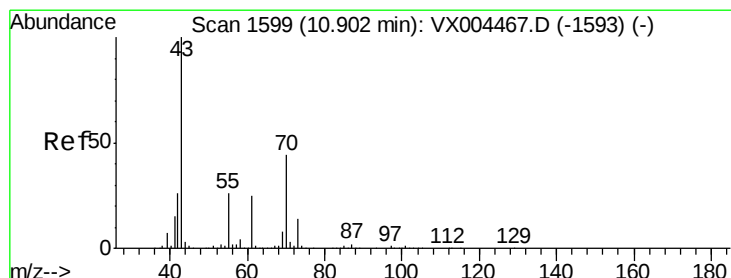
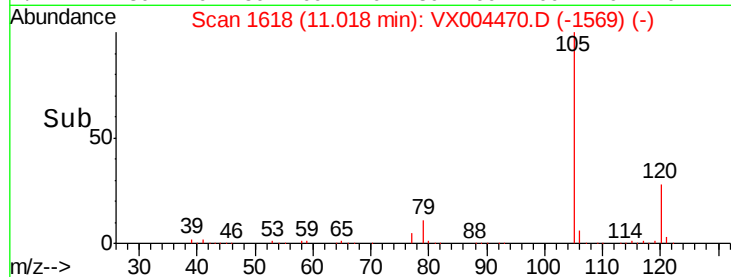
0

11.02

11.00

11.10

Time-->



#74

N-ethyl acetate

Concen: 52.57 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. -0.00 min

Lab File: VX004470.D

Acq: 11 Sep 2018 16:42

Tgt Ion: 43 Resp: 296723

Ion Ratio Lower Upper

43 100

70 42.9 37.4 56.0

55 26.0 21.8 32.8

61 24.8 20.6 30.8

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

400000

300000

200000

100000

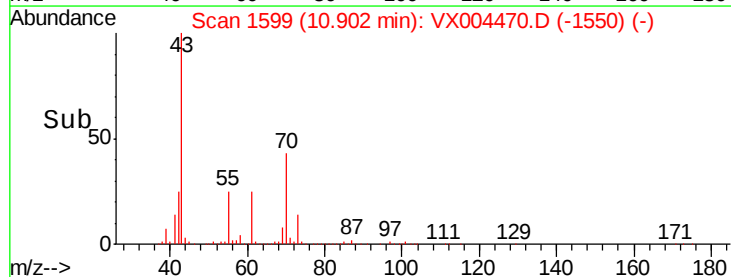
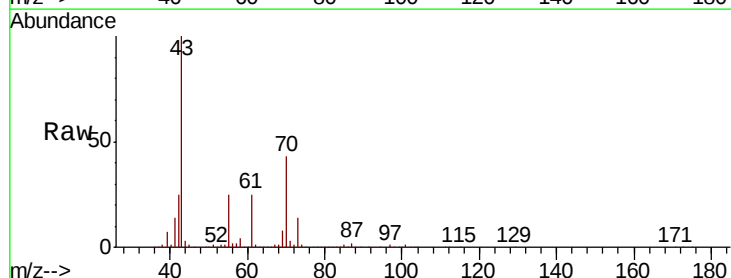
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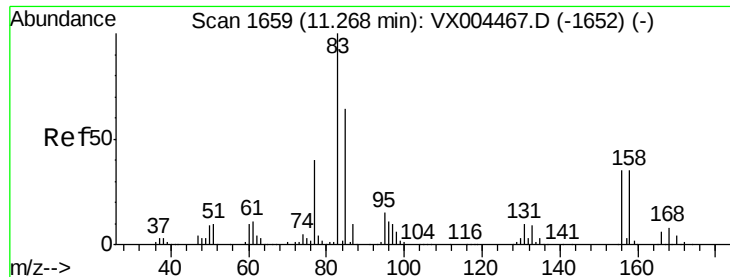
10.90

10.80

11.00

Time-->





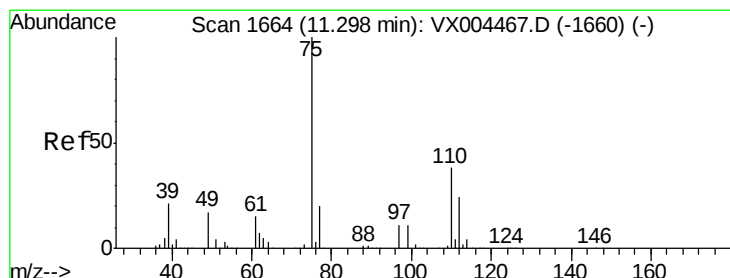
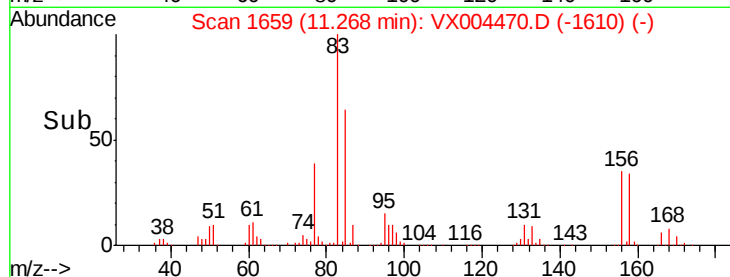
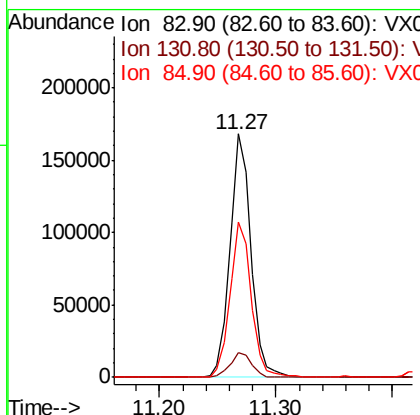
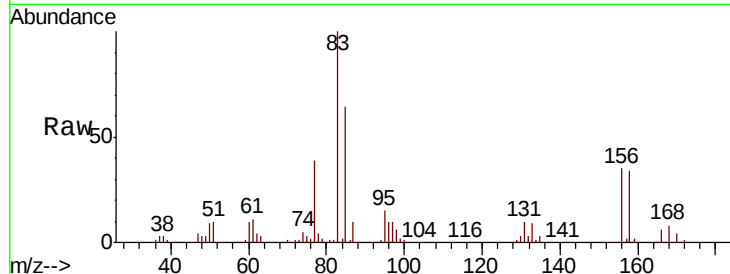
#75
 1,1,2,2-Tetrachloroethane
 Concen: 48.68 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. -0.00 min
 Lab File: VX004470.D
 Acq: 11 Sep 2018 16:42

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX091118

Tot Ion	83	Resp	210578
Ion Ratio	100	Lower	Upper
83	100		
131	10.4	5.2	15.6
85	64.7	32.3	96.8

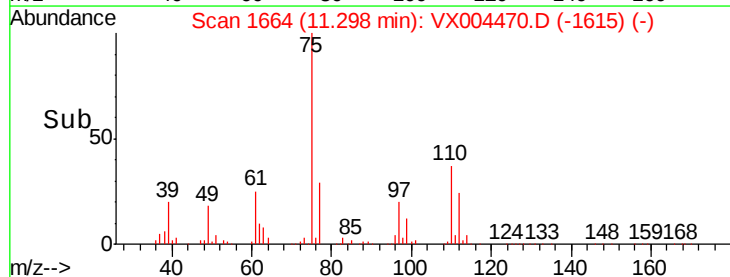
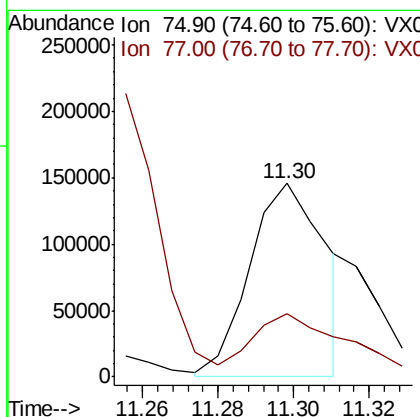
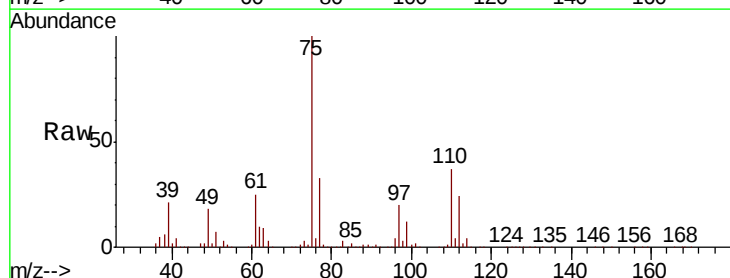
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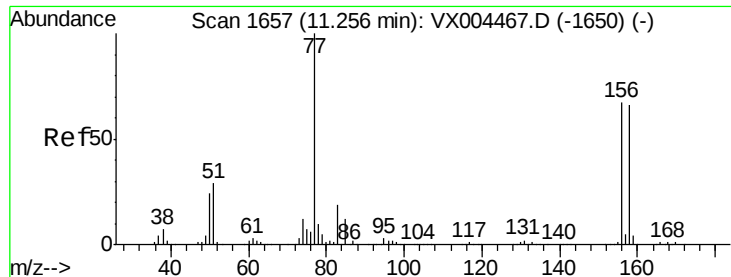
MMDadoda
 9/12/2018 11:26:38 AM



#76
 1,2,3-Trichloropropane
 Concen: 49.49 ug/l m
 RT: 11.30 min Scan# 1664
 Delta R.T. -0.00 min
 Lab File: VX004470.D
 Acq: 11 Sep 2018 16:42

Tgt Ion	75	Resp	202763
Ion Ratio	100	Lower	Upper
75	100		
77	41.3	20.2	60.6





#77

Bromobenzene

Concen: 49.63 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX004470.D

Acq: 11 Sep 2018 16:42

Instrument :

MSVOA_X

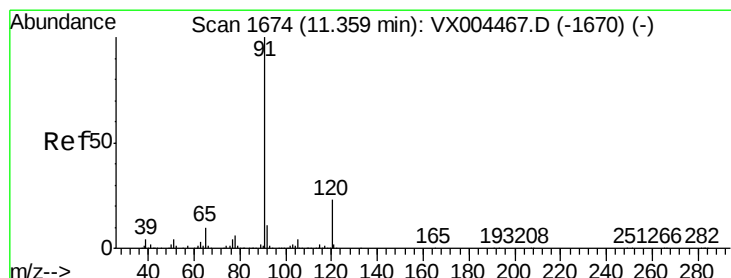
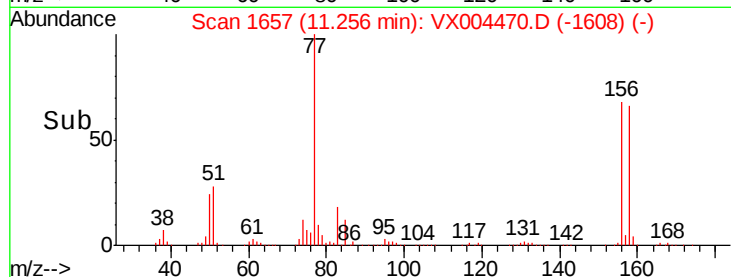
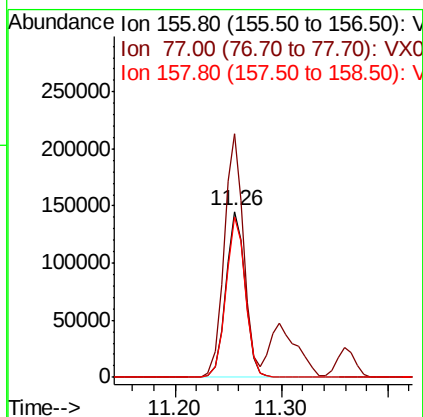
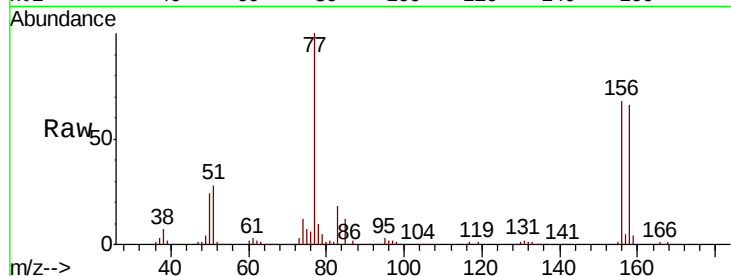
ClientSampleId :

ICVVX091118

Tot Ion:	156	Resp:	183962
Ion Ratio	Lower	Upper	
156	100		
77	147.1	71.5	214.3
158	97.3	48.9	146.8

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#78

n-propylbenzene

Concen: 52.04 ug/l

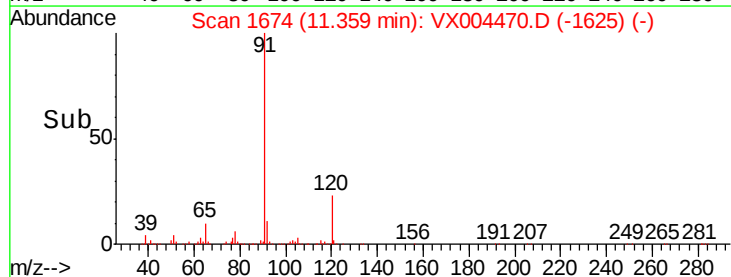
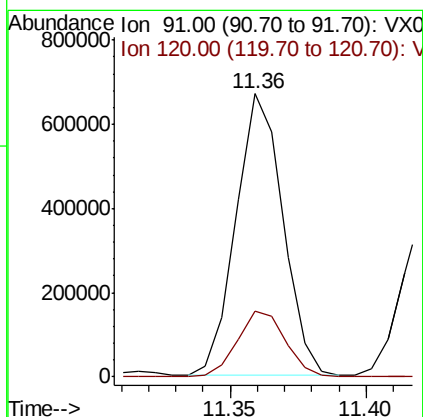
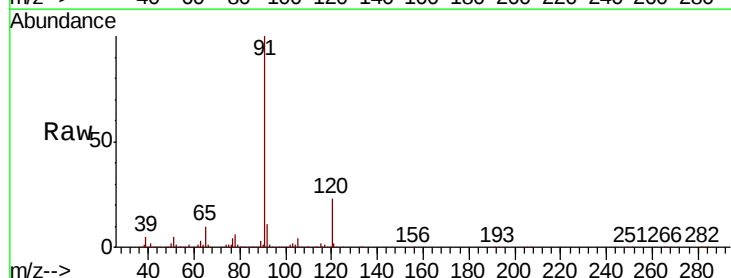
RT: 11.36 min Scan# 1674

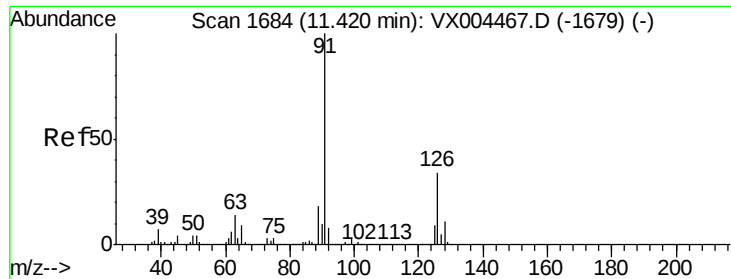
Delta R.T. -0.00 min

Lab File: VX004470.D

Acq: 11 Sep 2018 16:42

Tgt Ion:	91	Resp:	802420
Ion Ratio	Lower	Upper	
91	100		
120	23.9	11.9	35.9





#79

2-Chlorotoluene

Concen: 50.37 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX004470.D

Acq: 11 Sep 2018 16:42

Instrument :

MSVOA_X

ClientSampleId :

ICVVX091118

Tot Ion: 91 Resp: 471028

Ion Ratio Lower Upper

91 100

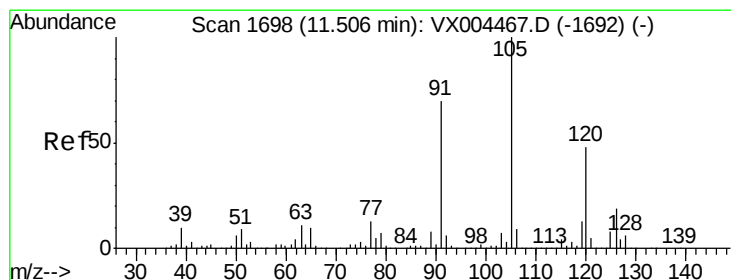
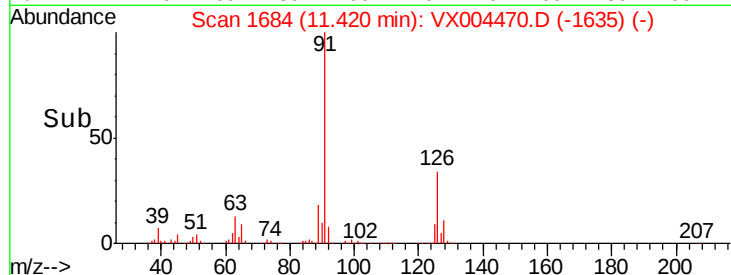
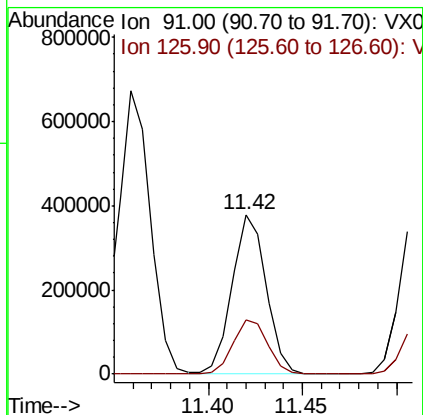
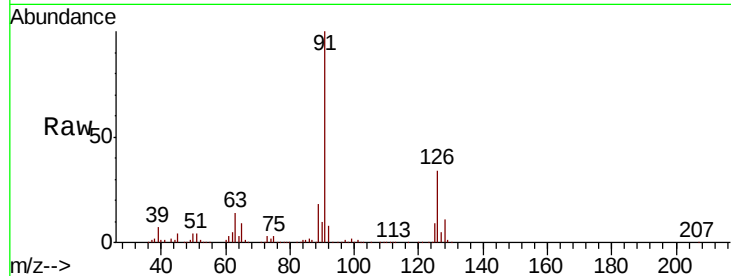
126 35.2 17.9 53.7

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#80

1,3,5-Trimethylbenzene

Concen: 52.58 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX004470.D

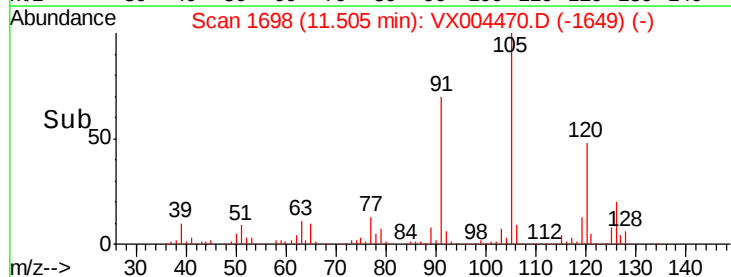
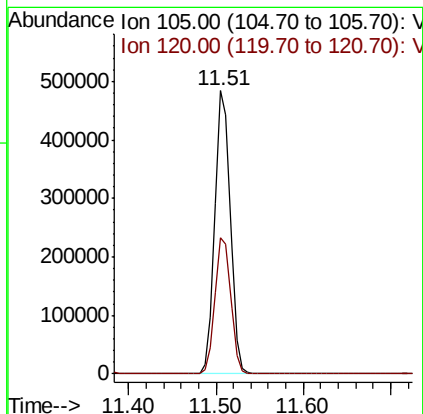
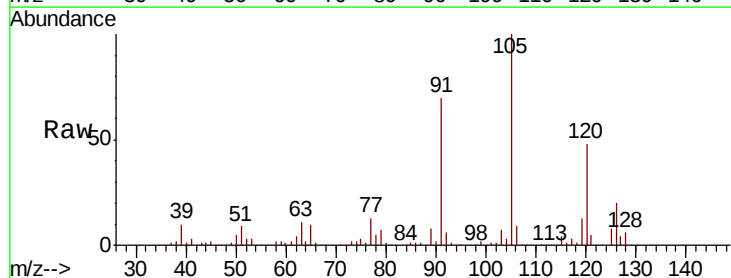
Acq: 11 Sep 2018 16:42

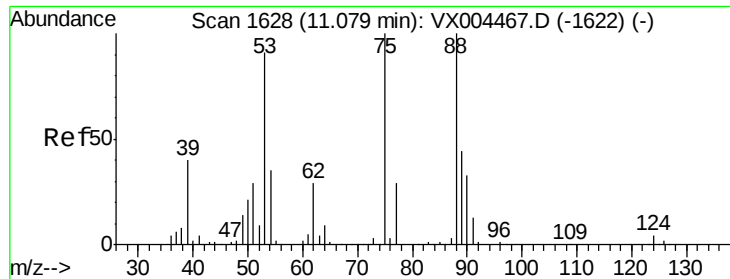
Tgt Ion: 105 Resp: 592825

Ion Ratio Lower Upper

105 100

120 49.2 25.6 76.8





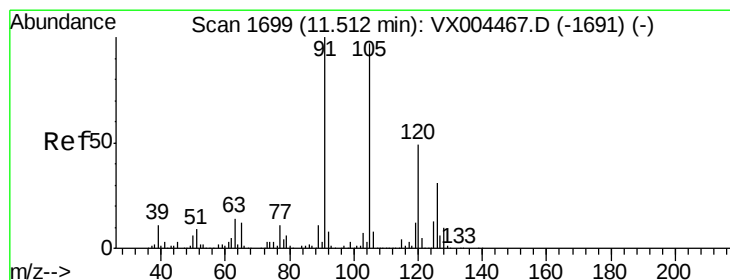
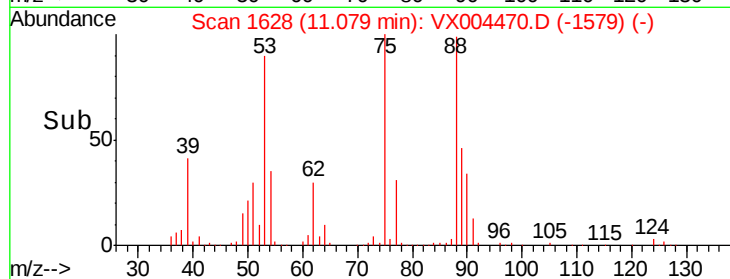
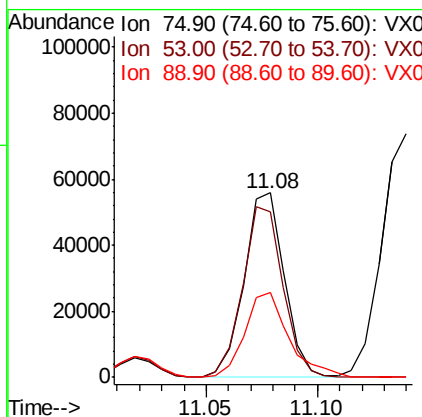
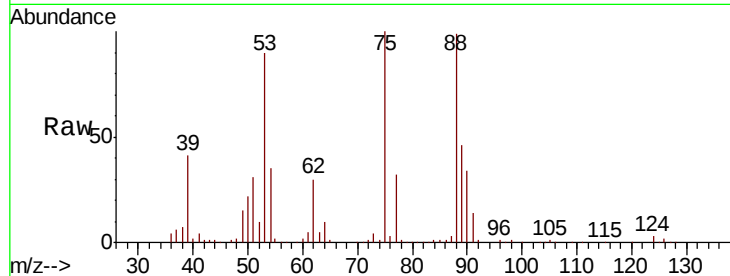
#81
trans-1,4-Dichloro-2-butene
Concen: 54.39 ug/l
RT: 11.08 min Scan# 1628
Delta R.T. -0.00 min
Lab File: VX004470.D
Acq: 11 Sep 2018 16:42

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091118

Tot Ion	Ratio	Lower	Upper
75	100		
53	93.6	80.1	120.1
89	50.7	37.2	55.8

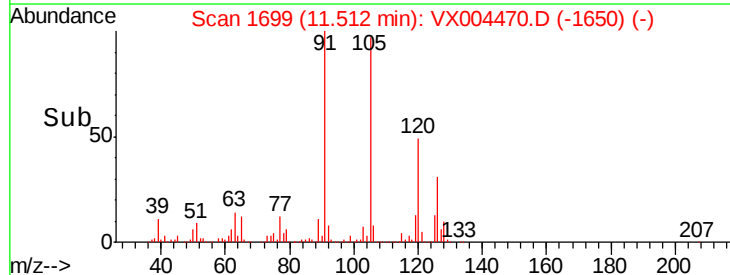
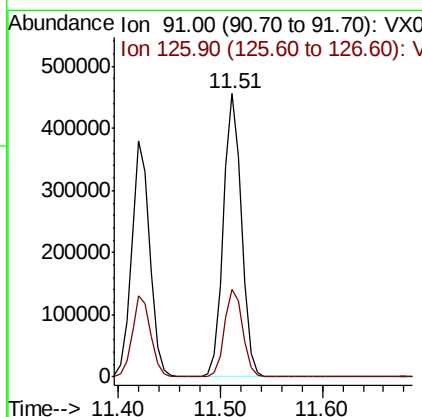
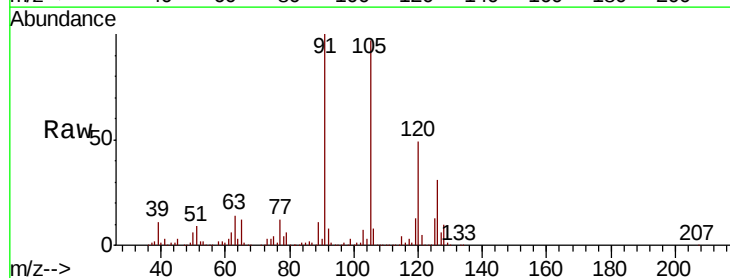
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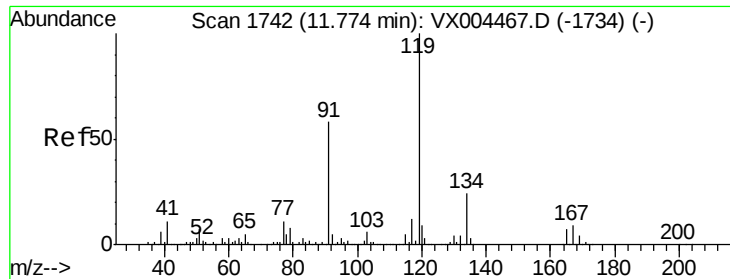
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#82
4-Chlorotoluene
Concen: 51.63 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX004470.D
Acq: 11 Sep 2018 16:42

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.1	15.5	46.5





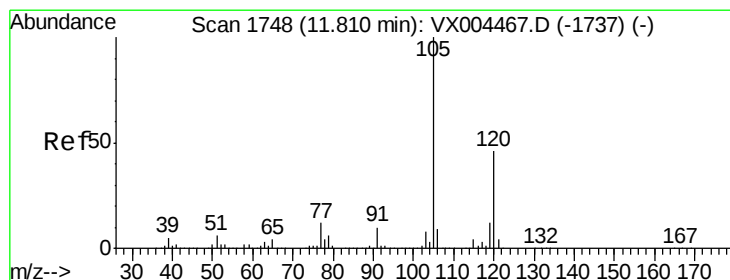
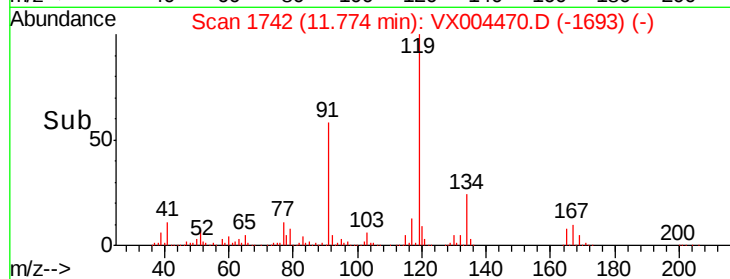
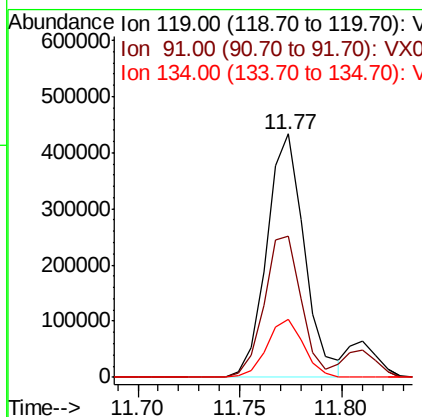
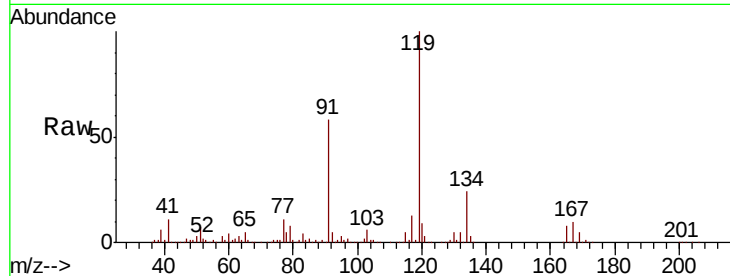
#83
tert-Butylbenzene
Concen: 51.93 ug/l
RT: 11.77 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX004470.D
Acq: 11 Sep 2018 16:42

Instrument :
MSVOA_X
ClientSampleId :
ICVX091118

Tot Ion	Ratio	Resp	Lower	Upper
119	100	557377		
91	56.9	27.0	81.0	
134	23.2	11.7	35.1	

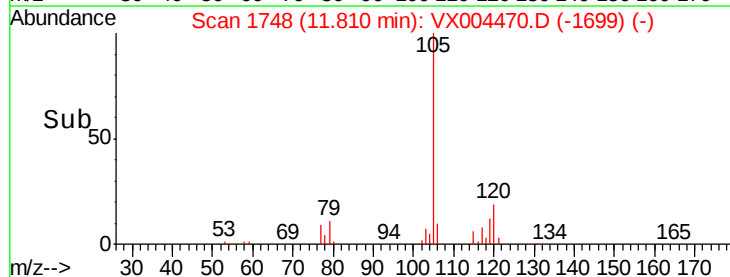
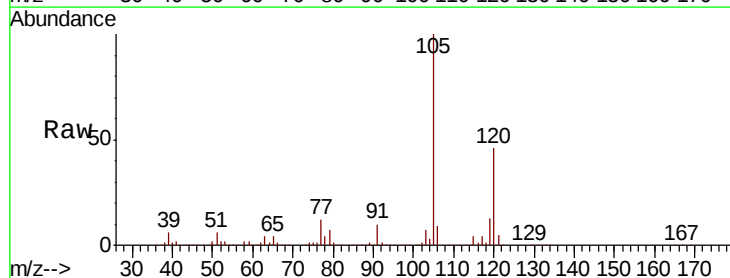
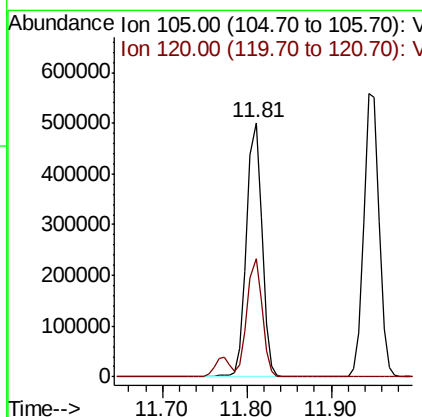
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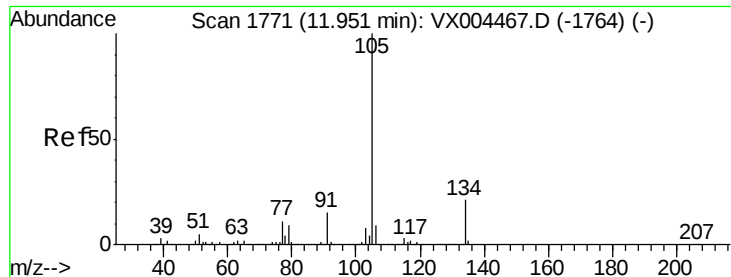
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 52.97 ug/l
RT: 11.81 min Scan# 1748
Delta R.T. -0.00 min
Lab File: VX004470.D
Acq: 11 Sep 2018 16:42

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	609777		
120	45.4	23.2	69.6	





#85

sec-Butylbenzene

Concen: 51.86 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX004470.D

Acq: 11 Sep 2018 16:42

Instrument :

MSVOA_X

ClientSampleId :

ICVVX091118

Tot Ion:105 Resp: 709345

Ion Ratio Lower Upper

105 100

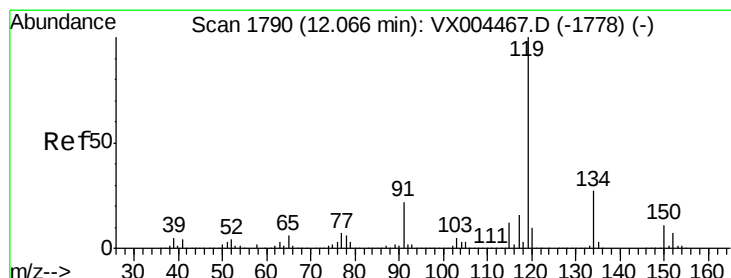
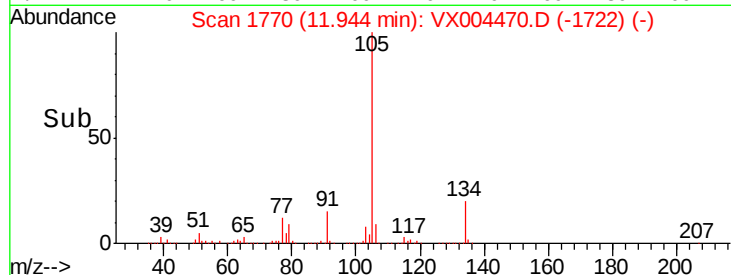
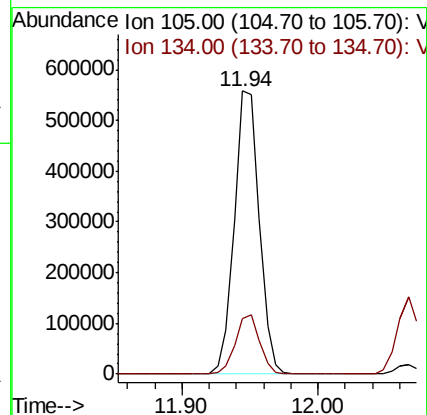
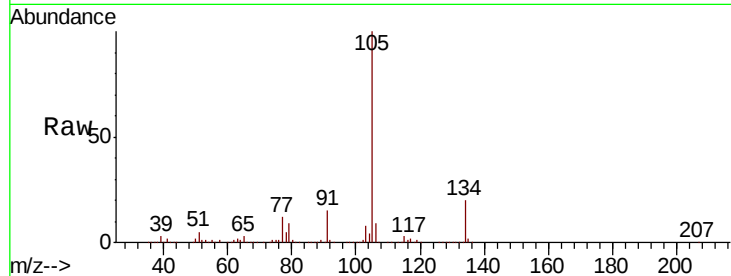
134 20.3 10.5 31.5

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#86

p-Isopropyltoluene

Concen: 53.14 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX004470.D

Acq: 11 Sep 2018 16:42

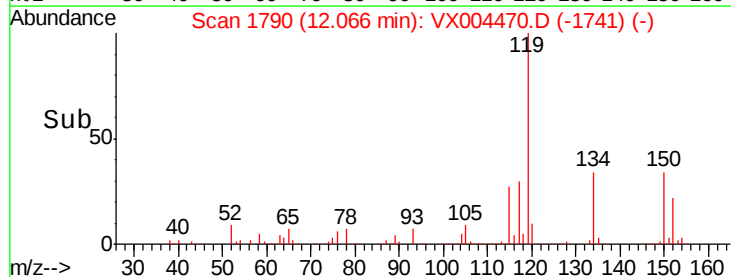
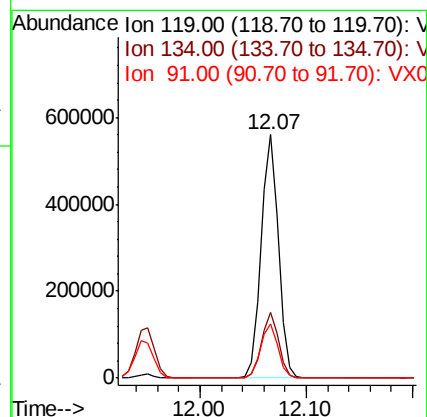
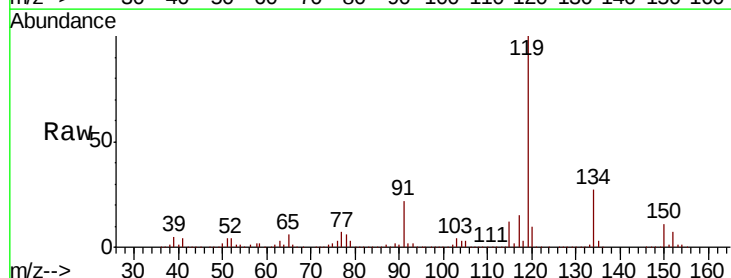
Tgt Ion:119 Resp: 641838

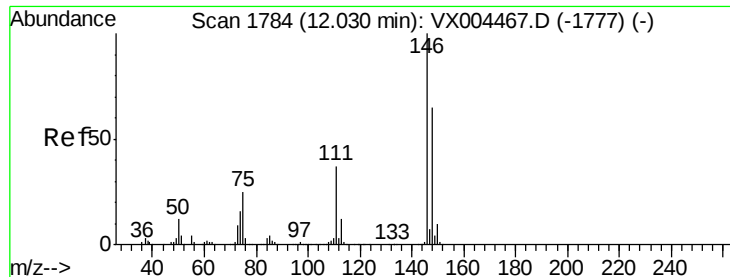
Ion Ratio Lower Upper

119 100

134 26.6 13.4 40.2

91 22.5 10.9 32.7





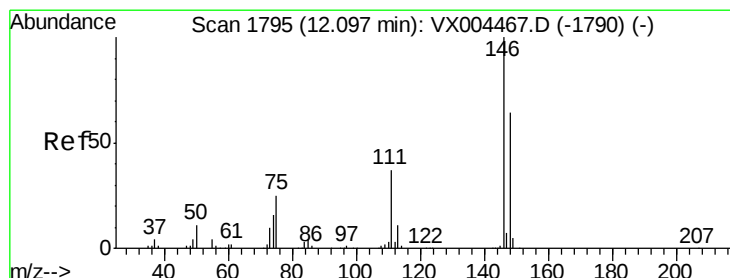
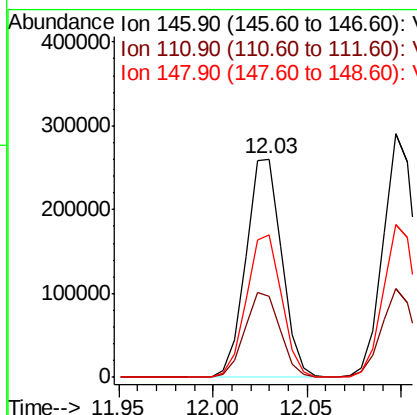
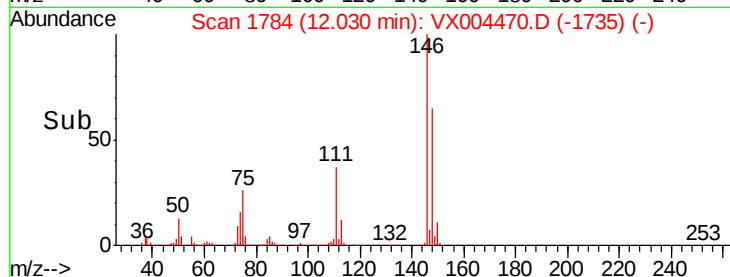
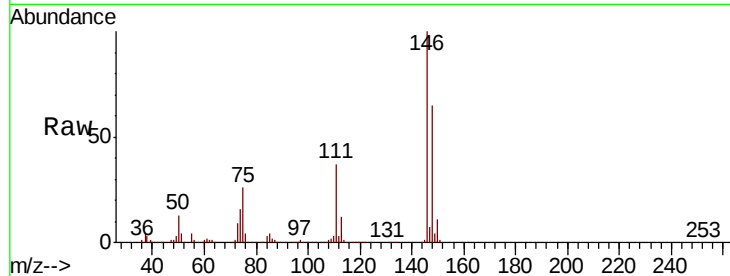
#87
 1,3-Dichlorobenzene
 Concen: 49.57 ug/l
 RT: 12.03 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: VX004470.D
 Acq: 11 Sep 2018 16:42

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX091118

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.3	18.7	56.1
148	64.3	32.1	96.5

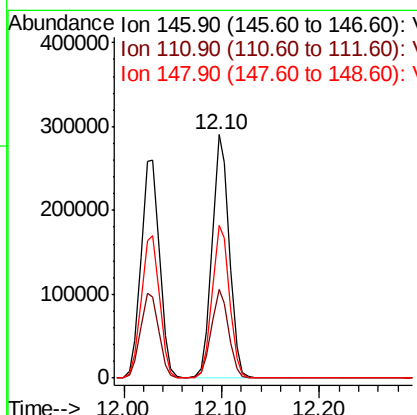
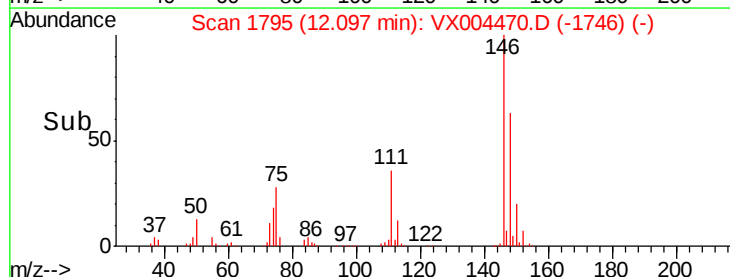
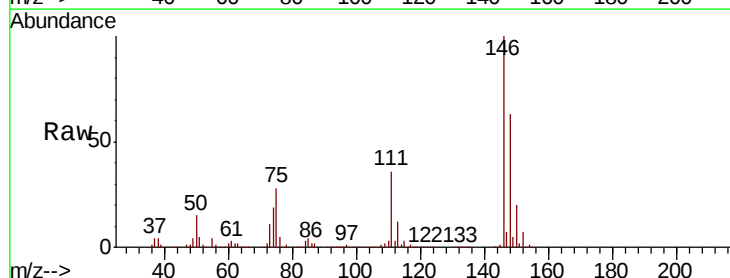
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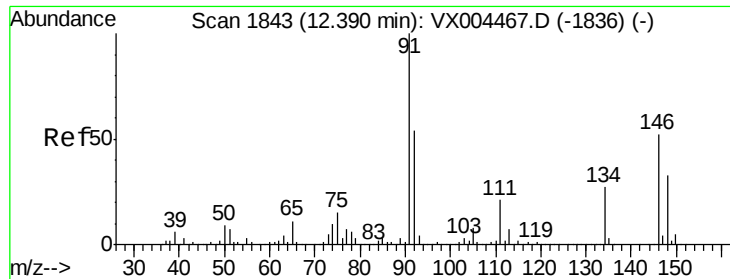
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#88
 1,4-Dichlorobenzene
 Concen: 49.46 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX004470.D
 Acq: 11 Sep 2018 16:42

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.7	18.1	54.1
148	63.4	32.0	96.0





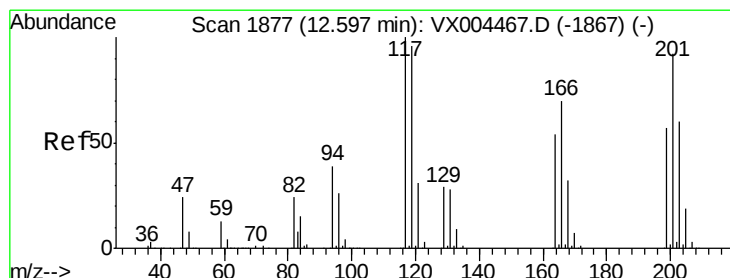
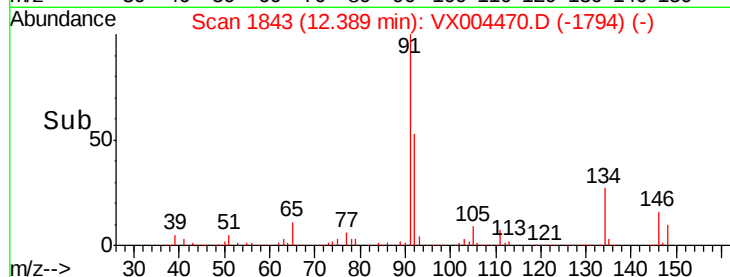
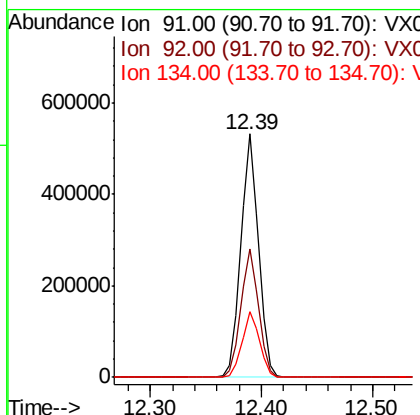
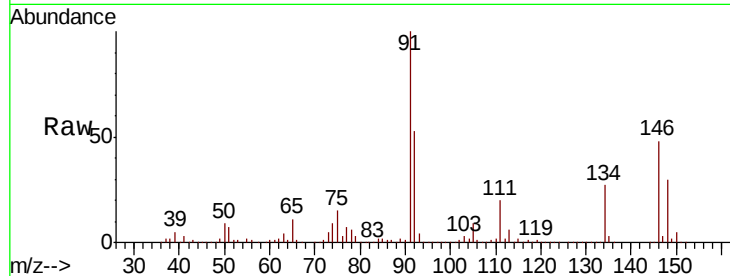
#89
n-Butylbenzene
Concen: 53.12 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX004470.D
Acq: 11 Sep 2018 16:42

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091118

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.9	27.3	81.9
134	26.8	13.6	40.7

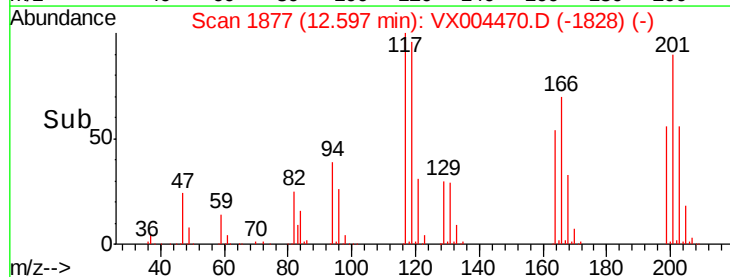
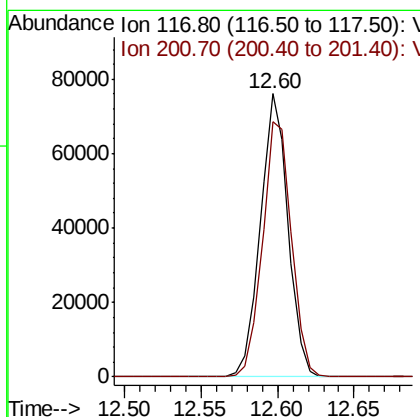
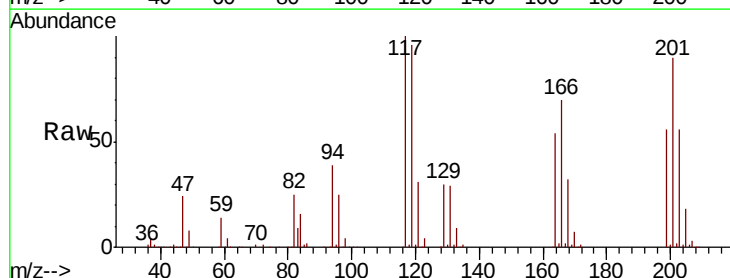
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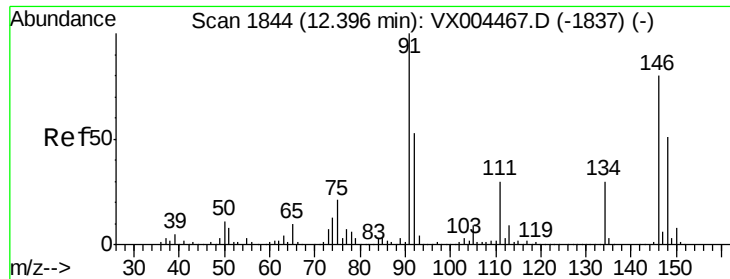
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#90
Hexachloroethane
Concen: 49.55 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX004470.D
Acq: 11 Sep 2018 16:42

Tgt Ion	Ratio	Lower	Upper
117	100		
201	94.6	46.9	140.6





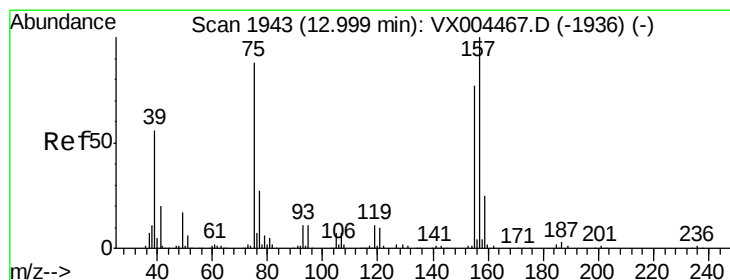
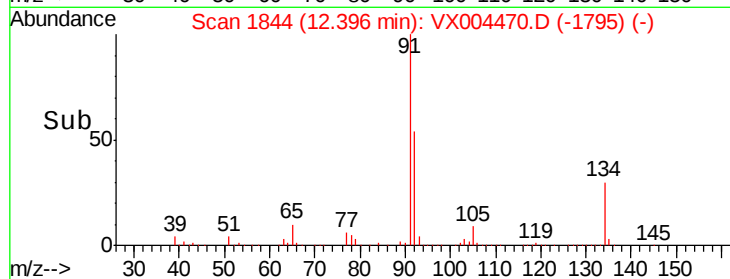
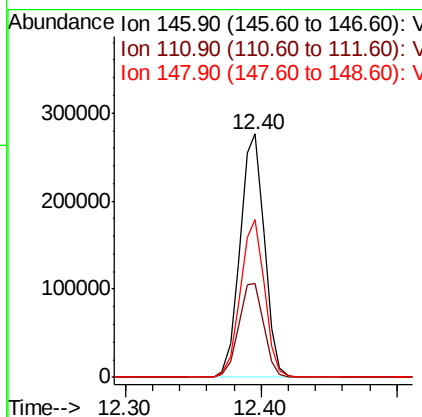
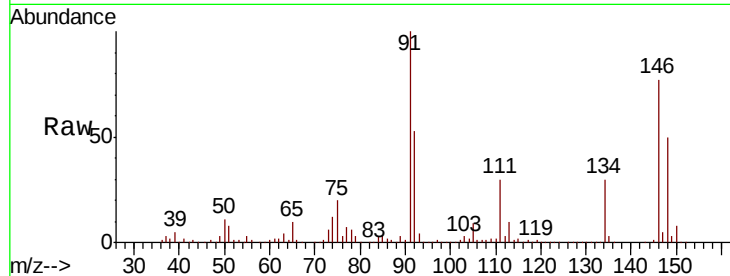
#91
 1,2-Dichlorobenzene
 Concen: 49.08 ug/l
 RT: 12.40 min Scan# 1844
 Delta R.T. -0.00 min
 Lab File: VX004470.D
 Acq: 11 Sep 2018 16:42

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX091118

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.4	58.1
148	64.2	32.8	98.3

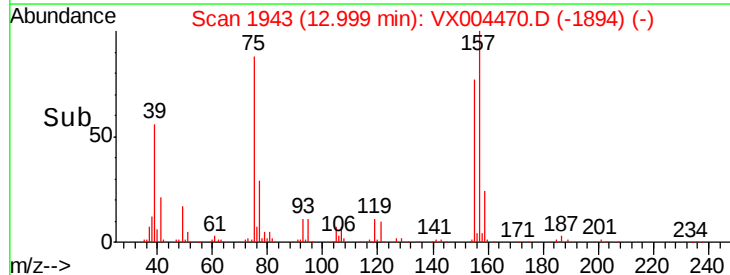
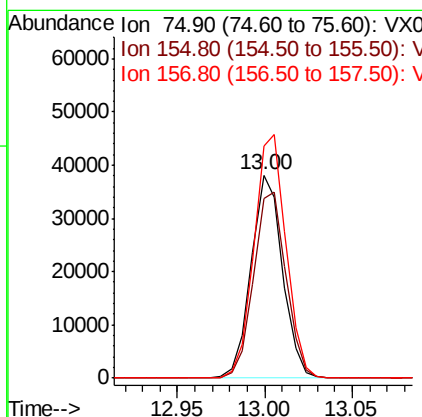
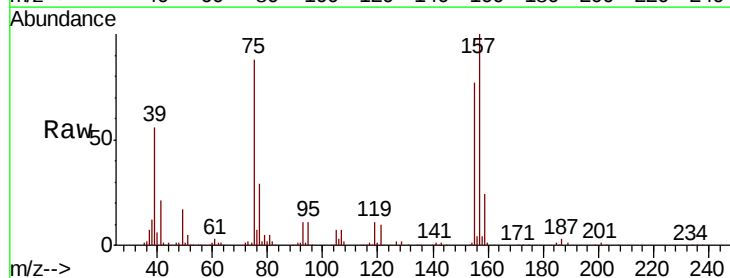
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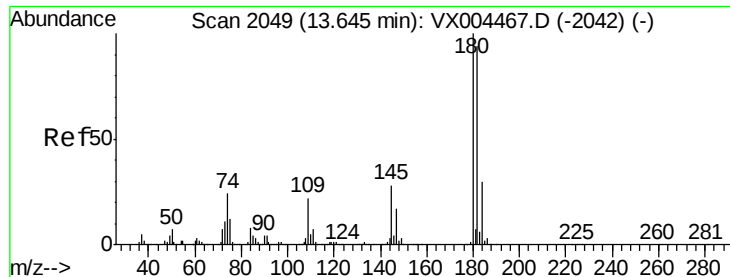
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 9/12/2018 11:26:38 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.36 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX004470.D
 Acq: 11 Sep 2018 16:42

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.9	48.0	144.2
157	122.2	61.4	184.1





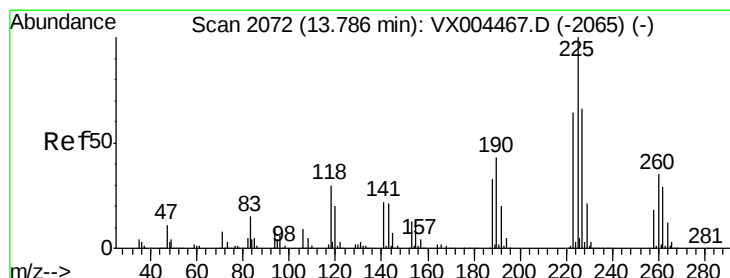
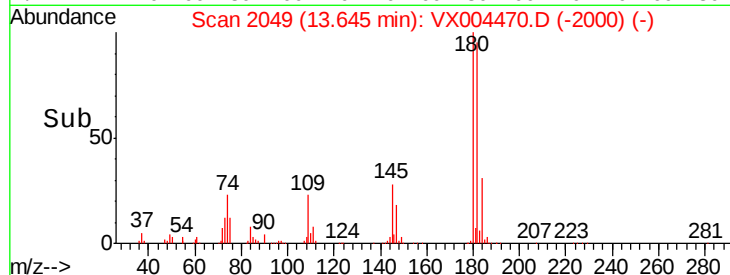
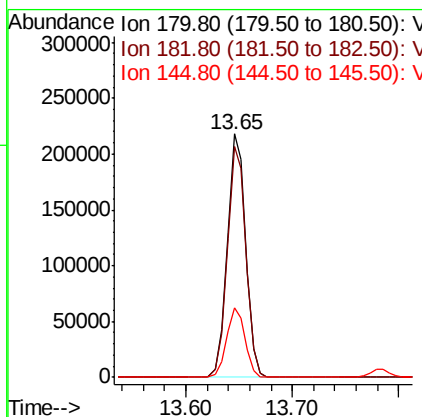
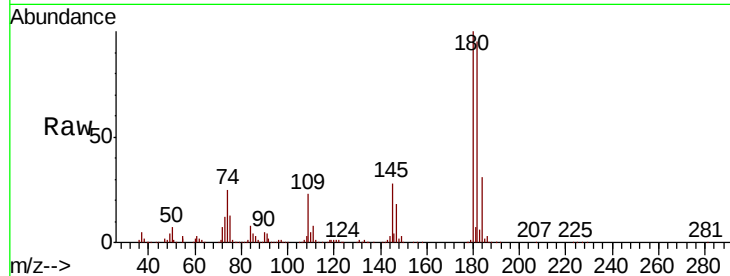
#93
 1,2,4-Trichlorobenzene
 Concen: 53.05 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX004470.D
 Acq: 11 Sep 2018 16:42

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX091118

Tot Ion	Ratio	Resp	Lower	Upper
180	100	262960		
182	96.0	48.4	145.0	
145	28.5	14.3	42.9	

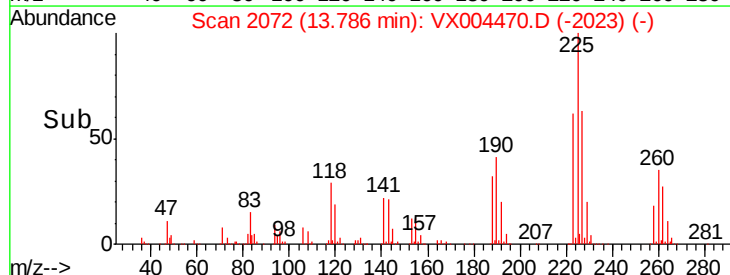
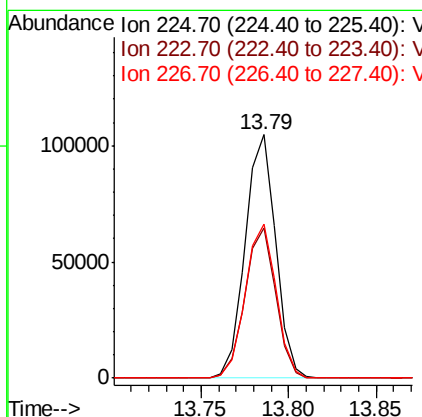
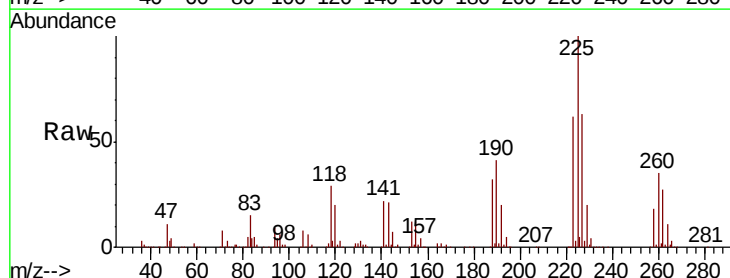
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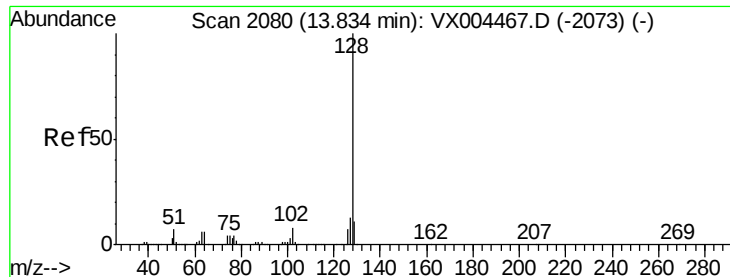
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#94
 Hexachlorobutadiene
 Concen: 49.09 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX004470.D
 Acq: 11 Sep 2018 16:42

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	127102		
223	62.0	30.1	90.5	
227	63.8	30.8	92.4	





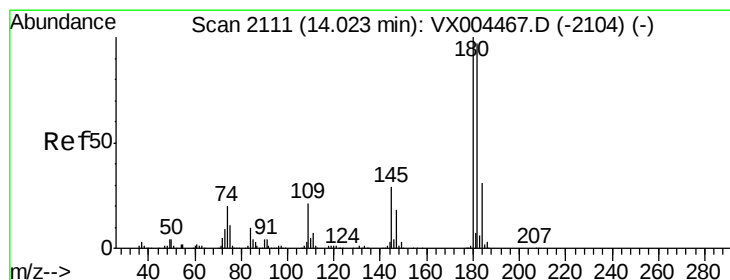
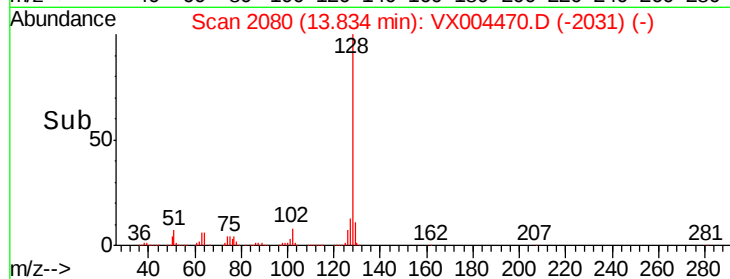
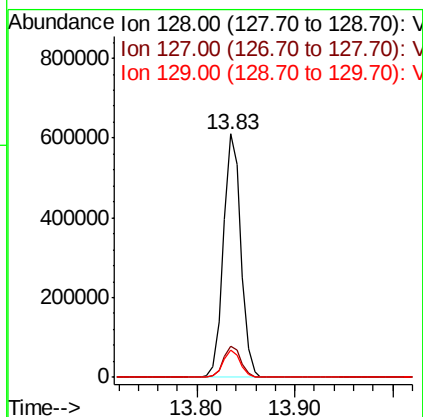
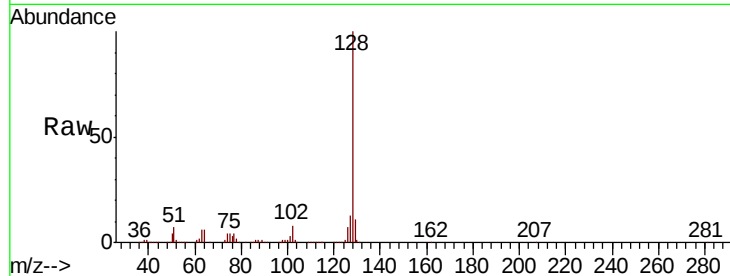
#95
Naphthalene
Concen: 54.00 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX004470.D
Acq: 11 Sep 2018 16:42

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091118

Tot Ion	Ratio	Resp	Lower	Upper
128	100	750663		
127	12.9		10.2	15.2
129	10.9		8.6	12.8

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#96
1,2,3-Trichlorobenzene
Concen: 51.35 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. -0.00 min
Lab File: VX004470.D
Acq: 11 Sep 2018 16:42

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	261504		
182	96.6		48.5	145.6
145	30.1		14.9	44.9

