

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101018\
 Data File : VX005226.D
 Acq On : 11 Oct 2018 00:02
 Operator : JC/MD
 Sample : J5317-16MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE-109D2-20181005MSD

Manual Integrations
 APPROVED

MMDadoda
 10/12/2018 11:45:01 AM

Quant Time: Oct 11 07:53:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	217903	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	320402	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	304600	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	173773	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	124833	40.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.20%	
35) Dibromofluoromethane	5.50	113	101216	37.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	74.54%	
50) Toluene-d8	8.72	98	371579	41.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.32%	
62) 4-Bromofluorobenzene	11.14	95	143256	44.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.10%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	155426	52.31	ug/l	90
3) Chloromethane	1.32	50	180939	50.20	ug/l	93
4) Vinyl Chloride	1.40	62	182029	53.84	ug/l	94
5) Bromomethane	1.64	94	102172	50.96	ug/l	95
6) Chloroethane	1.71	64	101741	55.48	ug/l	97
7) Trichlorofluoromethane	1.92	101	223560	53.41	ug/l	94
8) Diethyl Ether	2.19	74	88507	48.68	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	118080	49.53	ug/l	99
10) Methyl Iodide	2.51	142	153733	48.19	ug/l	89
11) Tert butyl alcohol	3.09	59	237742	273.16	ug/l	99
12) 1,1-Dichloroethene	2.37	96	119329	50.54	ug/l	95
13) Acrolein	2.29	56	111778	180.50	ug/l	91
14) Allyl chloride	2.72	41	261504	50.76	ug/l	95
15) Acrylonitrile	3.15	53	502946	262.50	ug/l	97
16) Acetone	2.45	43	462584	254.55	ug/l	94
17) Carbon Disulfide	2.56	76	355410	50.10	ug/l	99
18) Methyl Acetate	2.78	43	238311	51.76	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	435091	53.42	ug/l	96
20) Methylene Chloride	2.85	84	138492	52.46	ug/l	90
21) trans-1,2-Dichloroethene	3.16	96	127067	49.16	ug/l	85
22) Diisopropyl ether	3.87	45	425462	49.05	ug/l	98
23) Vinyl Acetate	3.82	43	1807745	227.66	ug/l	98
24) 1,1-Dichloroethane	3.69	63	256487	49.57	ug/l	99
25) 2-Butanone	4.71	43	656393	245.04	ug/l	96
26) 2,2-Dichloropropane	4.58	77	129930	36.06	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	134086	46.44	ug/l	98
28) Bromochloromethane	5.02	49	88472	36.31	ug/l	100
29) Tetrahydrofuran	5.17	42	427034	256.49	ug/l	98
30) Chloroform	5.21	83	229967	47.02	ug/l	99
31) Cyclohexane	5.57	56	197639	49.90	ug/l	93
32) 1,1,1-Trichloroethane	5.49	97	200870	50.29	ug/l	95
36) 1,1-Dichloropropene	5.79	75	173252	46.76	ug/l	94
37) Ethyl Acetate	4.87	43	211516	43.01	ug/l	98
38) Carbon Tetrachloride	5.78	117	180348	46.31	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	188072	49.71	ug/l #	85
40) Benzene	6.14	78	519778	44.81	ug/l	94
41) Methacrylonitrile	5.06	41	127587	46.78	ug/l	99
42) 1,2-Dichloroethane	6.20	62	188507	45.97	ug/l	98
43) Isopropyl Acetate	6.46	43	317284	44.70	ug/l	96
44) Trichloroethene	7.21	130	215141	75.45	ug/l	99
45) 1,2-Dichloropropane	7.52	63	139048	48.88	ug/l	97
46) Dibromomethane	7.66	93	89637	50.14	ug/l	99
47) Bromodichloromethane	7.90	83	175329	52.39	ug/l	99
48) Methyl methacrylate	7.78	41	179363	55.67	ug/l	99
49) 1,4-Dioxane	7.76	88	90729	1133.53	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1221268	273.25	ug/l	99
52) Toluene	8.79	92	325952	51.14	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	186786	49.39	ug/l	93
54) cis-1,3-Dichloropropene	8.44	75	195891	49.45	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	134908	48.32	ug/l	97
56) Ethyl methacrylate	9.18	69	213147	47.22	ug/l	97
57) 1,3-Dichloropropane	9.37	76	226608	48.77	ug/l	98
59) 2-Hexanone	9.50	43	991946	266.34	ug/l	95
60) Dibromochloromethane	9.59	129	142732	51.12	ug/l	99
61) 1,2-Dibromoethane	9.68	107	140052	46.84	ug/l	96
64) Tetrachloroethene	9.34	164	136961	45.69	ug/l	95
65) Chlorobenzene	10.14	112	367838	47.09	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	135950	49.51	ug/l	99
67) Ethyl Benzene	10.26	91	626457	50.52	ug/l	96
68) m/p-Xylenes	10.36	106	487658	100.63	ug/l	95
69) o-Xylene	10.70	106	236343	53.10	ug/l	99
70) Styrene	10.71	104	399335	48.06	ug/l	100
71) Bromoform	10.86	173	120069	51.07	ug/l #	97
73) Isopropylbenzene	11.02	105	635879	58.05	ug/l	99
74) N-amyl acetate	10.90	43	284149	47.30	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	230530	51.70	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	204061m	52.39	ug/l	
77) Bromobenzene	11.26	156	172244	54.14	ug/l	99
78) n-propylbenzene	11.36	91	731803	58.23	ug/l	100
79) 2-Chlorotoluene	11.42	91	435760	55.63	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	546249	54.43	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	59902	42.27	ug/l	100
82) 4-Chlorotoluene	11.51	91	517097	56.08	ug/l	100
83) tert-Butylbenzene	11.77	119	545760	60.52	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	565160	54.61	ug/l	99
85) sec-Butylbenzene	11.95	105	643744	58.61	ug/l	100
86) p-Isopropyltoluene	12.07	119	582804	58.56	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	319427	53.77	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	323032	52.68	ug/l	99
89) n-Butylbenzene	12.39	91	510560	56.49	ug/l	99
90) Hexachloroethane	12.60	117	95814	57.83	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	324652	52.29	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	55449	56.64	ug/l	99
93) 1,2,4-Trichlorobenzene	13.65	180	242580	55.70	ug/l	100

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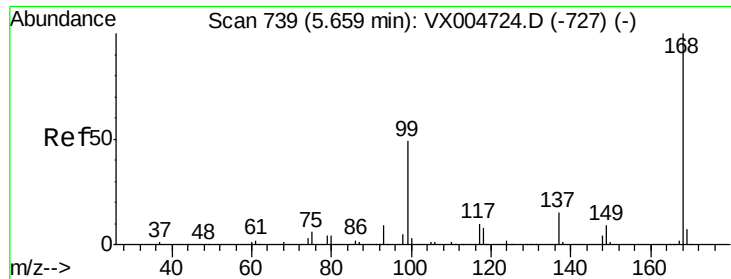
Manual Integrations
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
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QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	117839	52.18	ug/l	100
95) Naphthalene	13.83	128	781621	54.02	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	251878	55.99	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005226.D

Acq: 11 Oct 2018 00:02

Instrument :

MSVOA_X

ClientSampleId :

RE-109D2-20181005MSD

Tgt Ion:168 Resp: 217903

Ion Ratio Lower Upper

168 100

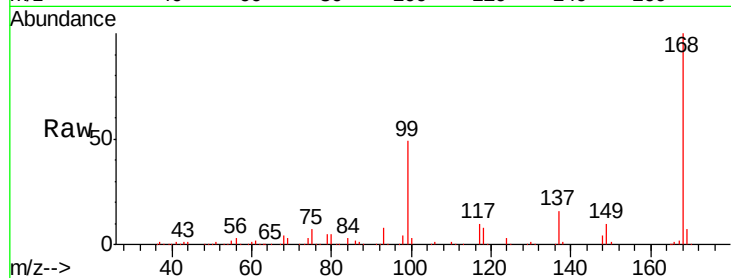
99 49.1 39.3 58.9

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

80000

60000

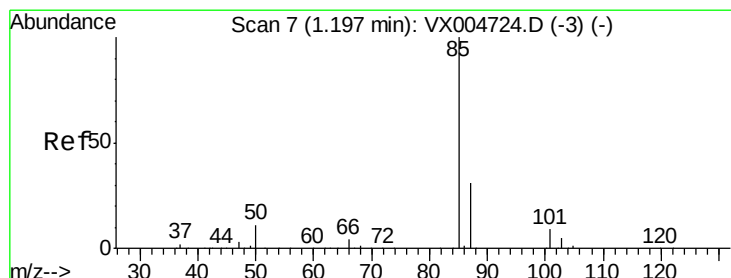
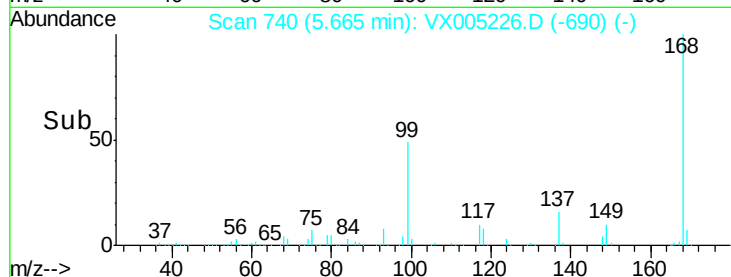
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 52.31 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005226.D

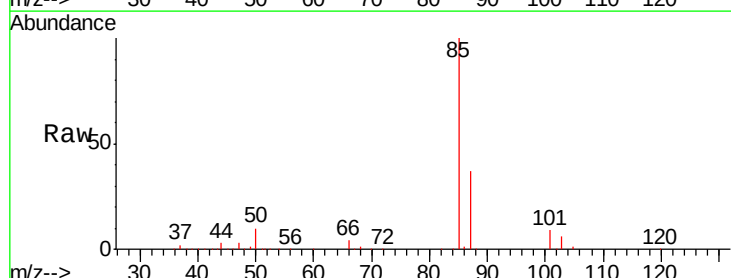
Acq: 11 Oct 2018 00:02

Tgt Ion: 85 Resp: 155426

Ion Ratio Lower Upper

85 100

87 37.1 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

150000

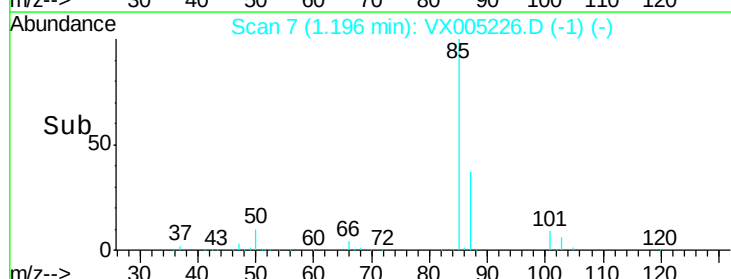
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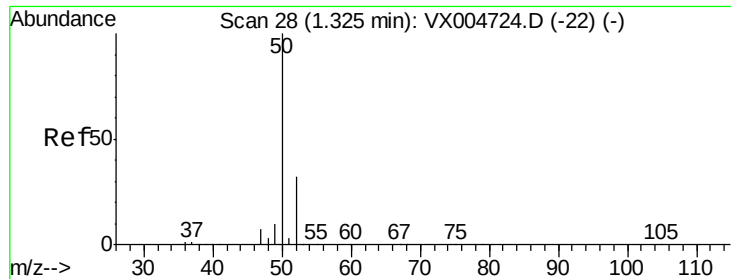
50000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 50.20 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005226.D

Acq: 11 Oct 2018 00:02

Instrument :

MSVOA_X

ClientSampleId :

RE-109D2-20181005MSD

Tgt Ion: 50 Resp: 180939

Ion Ratio Lower Upper

50 100

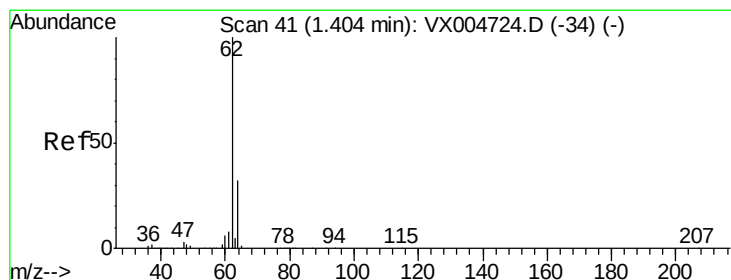
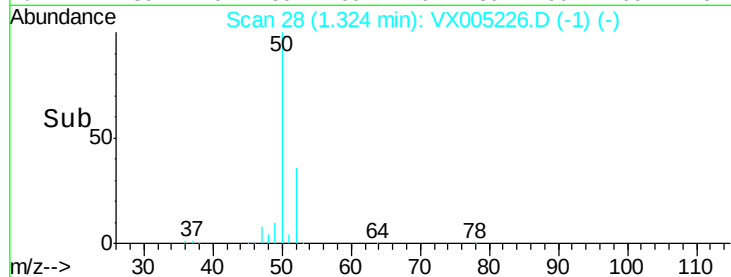
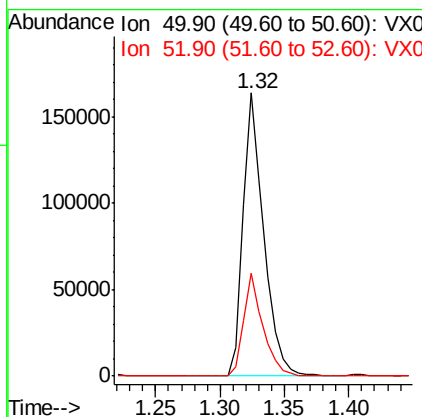
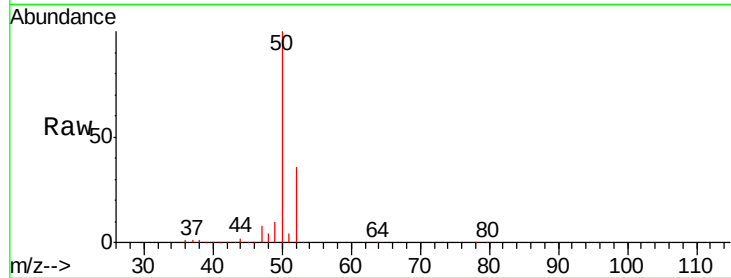
52 36.4 25.8 38.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 53.84 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX005226.D

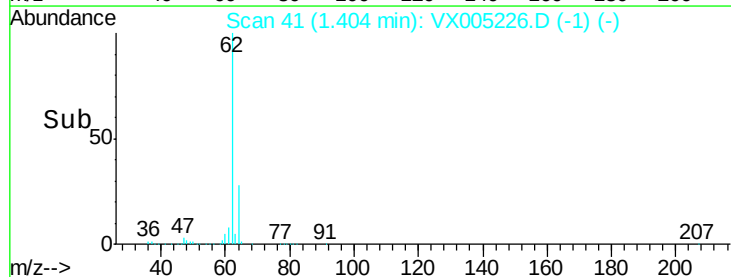
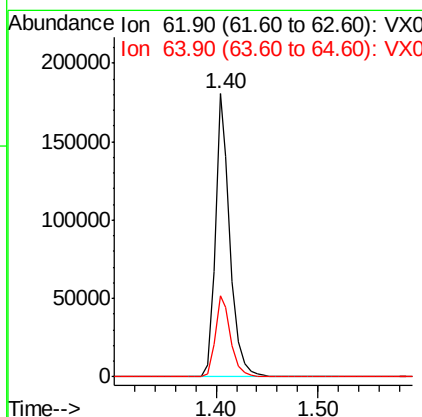
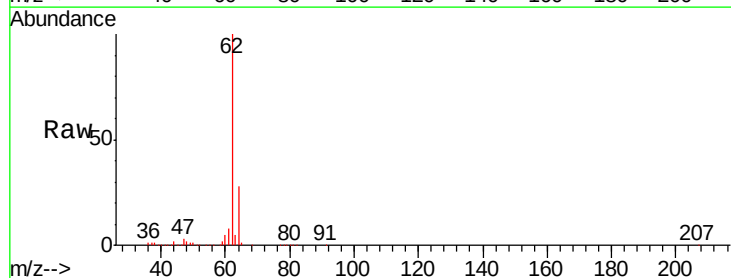
Acq: 11 Oct 2018 00:02

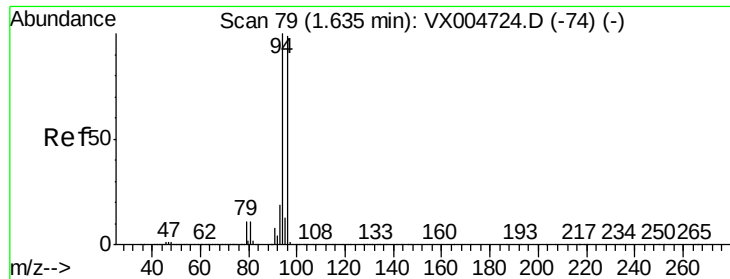
Tgt Ion: 62 Resp: 182029

Ion Ratio Lower Upper

62 100

64 28.4 25.5 38.3





#5

Bromomethane

Concen: 50.96 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005226.D

Acq: 11 Oct 2018 00:02

Instrument :

MSVOA_X

ClientSampleId :

RE-109D2-20181005MSD

Tgt Ion: 94 Resp: 102172

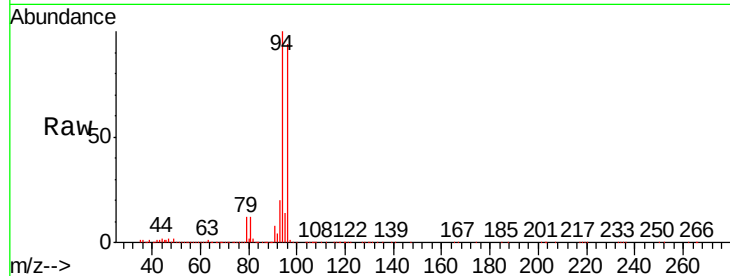
Ion Ratio Lower Upper

94 100

96 94.4 79.5 119.3

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

Ion 95.90 (95.60 to 96.60): VX0

120000

100000

80000

60000

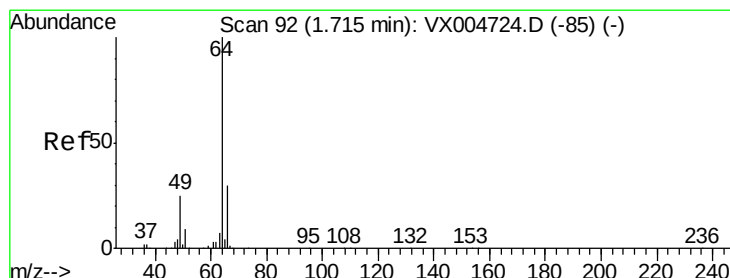
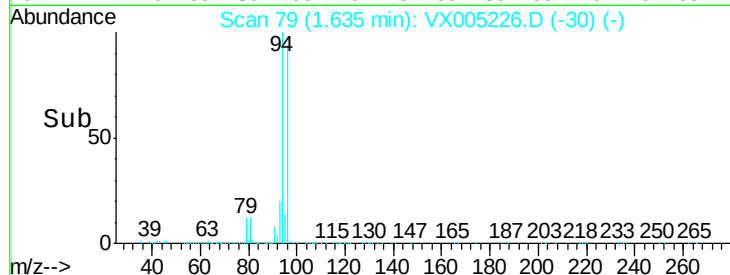
40000

20000

0

1.55 1.60 1.65 1.70

Time-->



#6

Chloroethane

Concen: 55.48 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX005226.D

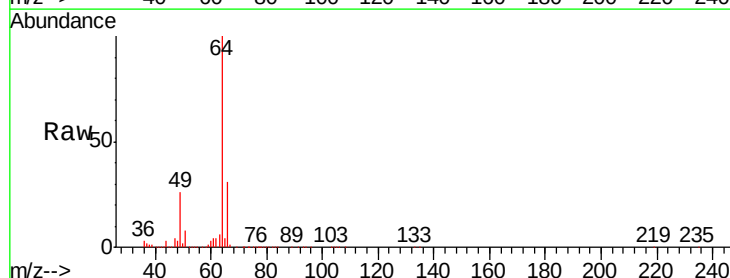
Acq: 11 Oct 2018 00:02

Tgt Ion: 64 Resp: 101741

Ion Ratio Lower Upper

64 100

66 31.1 23.8 35.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

80000

60000

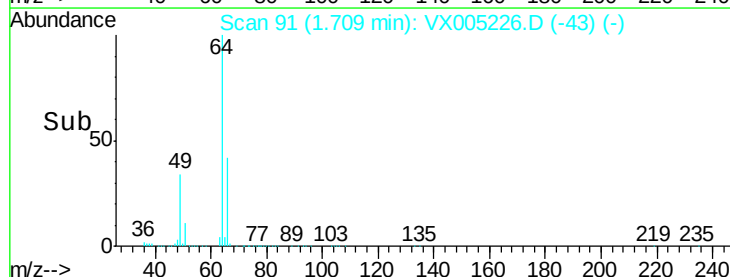
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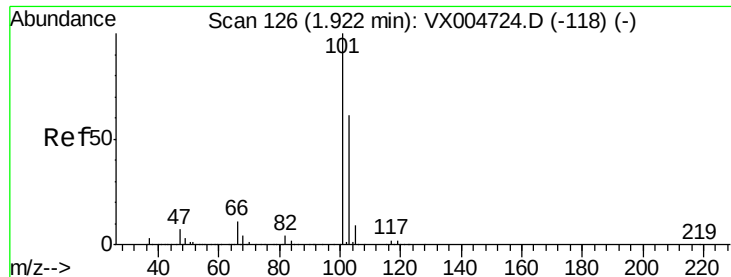
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1.60 1.65 1.70 1.75 1.80

Time-->





#7

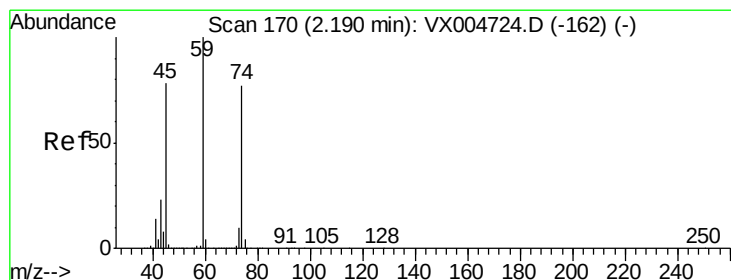
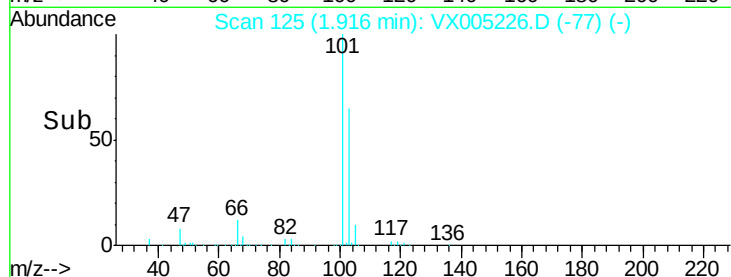
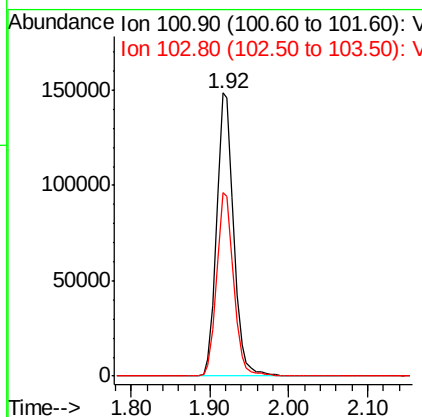
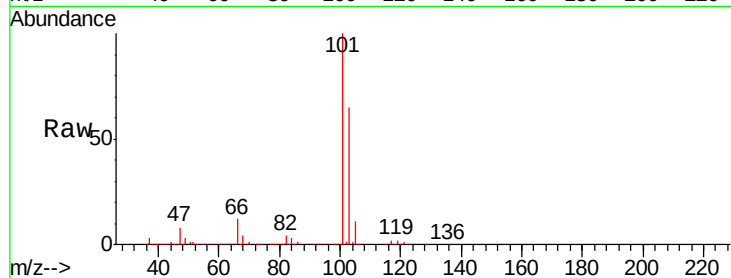
Trichlorofluoromethane
 Concen: 53.41 ug/l
 RT: 1.92 min Scan# 125
 Delta R.T. -0.01 min
 Lab File: VX005226.D
 Acq: 11 Oct 2018 00:02

Instrument :
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 RE-109D2-20181005MSD

Tgt Ion	Ratio	Lower	Upper
101	100		
103	65.1	48.4	72.6

Manual Integrations
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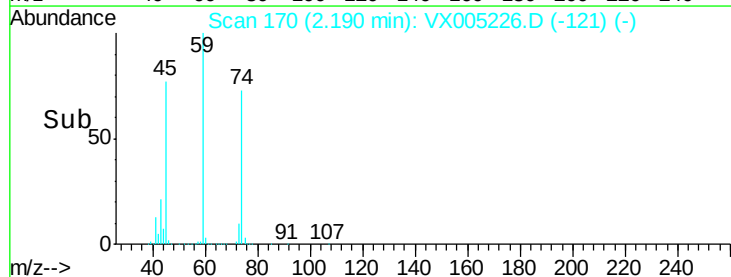
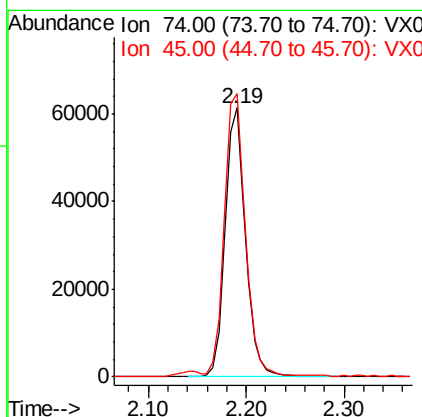
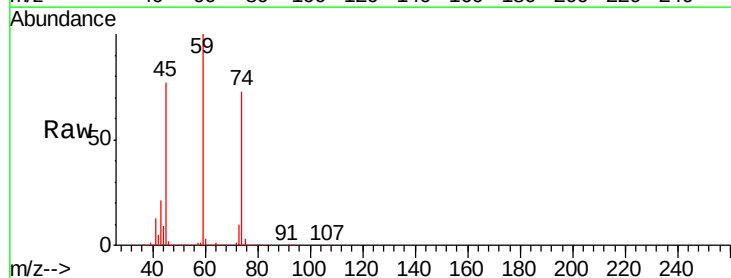
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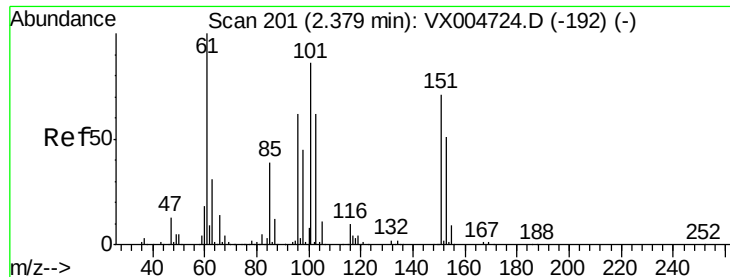


#8

Diethyl Ether
 Concen: 48.68 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX005226.D
 Acq: 11 Oct 2018 00:02

Tgt Ion	Ratio	Lower	Upper
74	100		
45	107.3	52.5	157.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.53 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.01 min

Lab File: VX005226.D

Acq: 11 Oct 2018 00:02

Instrument :

MSVOA_X

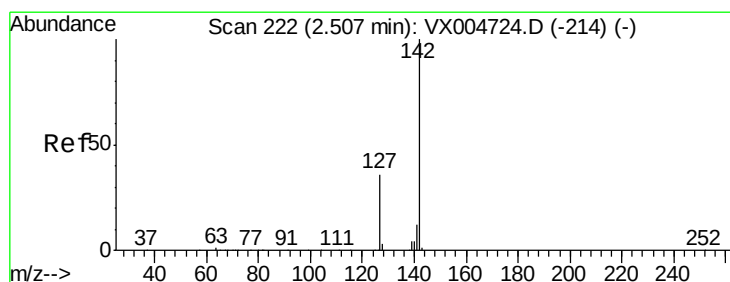
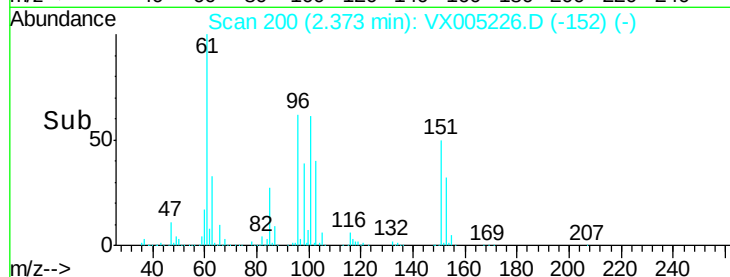
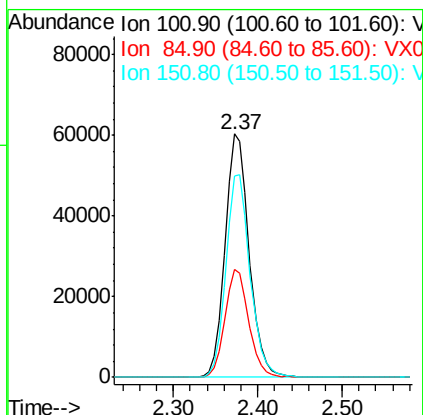
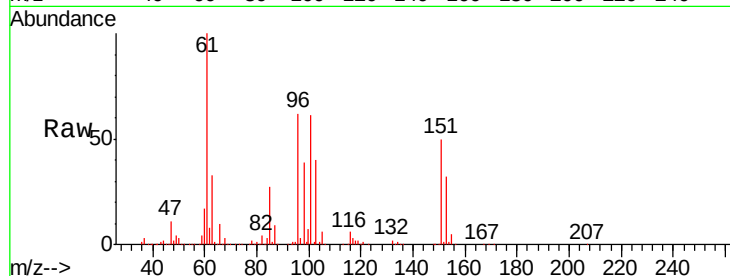
ClientSampleId :

RE-109D2-20181005MSD

Tgt Ion:	101	Resp:	118080
Ion Ratio	Lower	Upper	
101	100		
85	44.2	35.9	53.9
151	83.6	66.6	100.0

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10/12/2018 11:45:01 AM



#10

Methyl Iodide

Concen: 48.19 ug/l

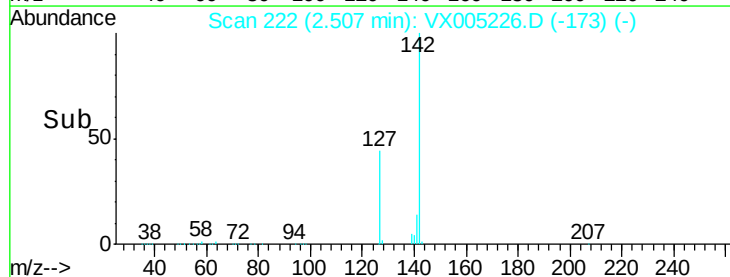
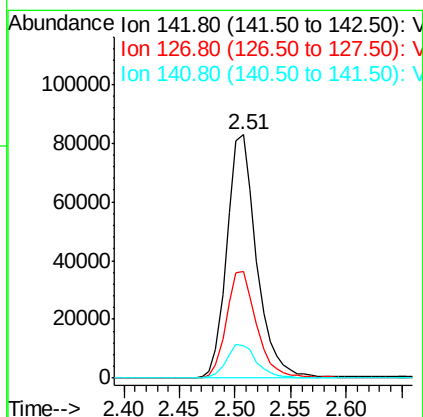
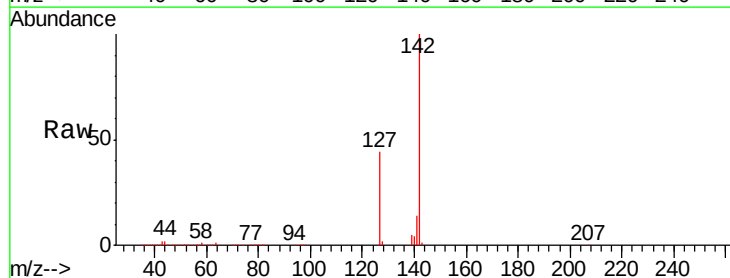
RT: 2.51 min Scan# 222

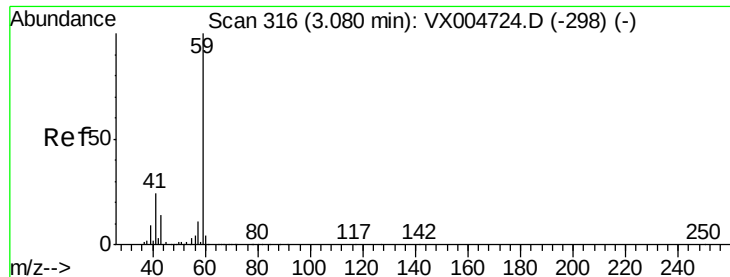
Delta R.T. -0.00 min

Lab File: VX005226.D

Acq: 11 Oct 2018 00:02

Tgt Ion:	142	Resp:	153733
Ion Ratio	Lower	Upper	
142	100		
127	45.1	30.1	45.1
141	14.4	10.1	15.1





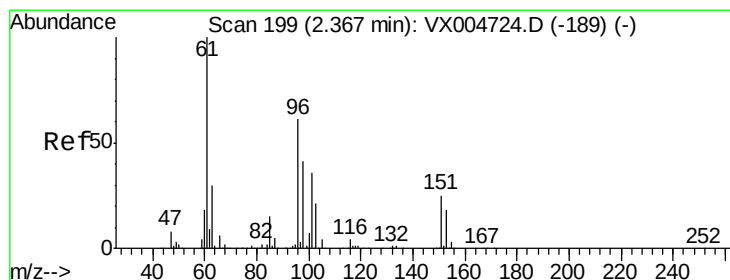
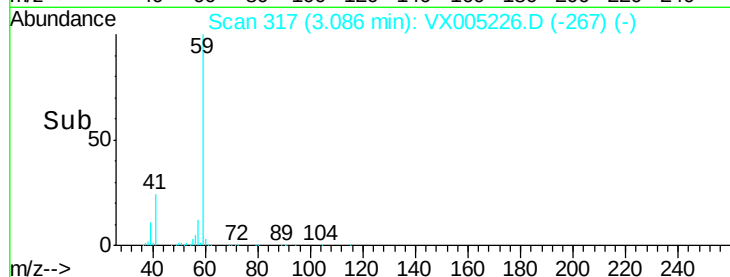
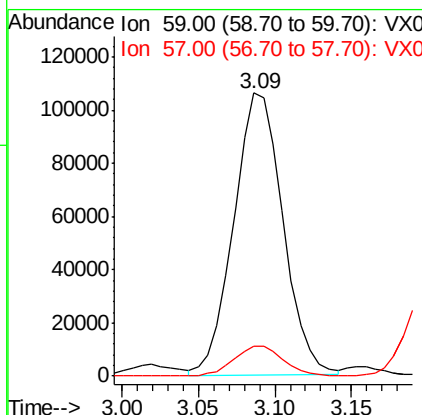
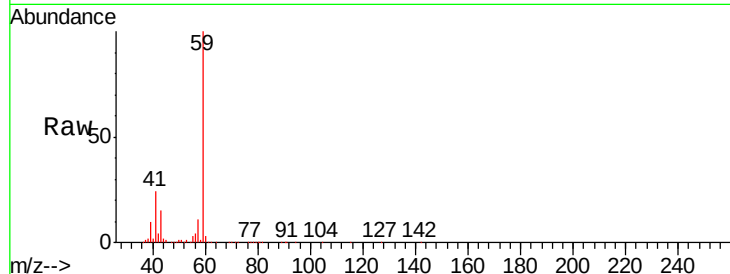
#11
Tert butyl alcohol
Concen: 273.16 ug/l
RT: 3.09 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX005226.D
Acq: 11 Oct 2018 00:02

Instrument :
MSVOA_X
ClientSampleId :
RE-109D2-20181005MSD

Tgt Ion: 59 Resp: 237742
Ion Ratio Lower Upper
59 100
57 10.5 8.6 12.8

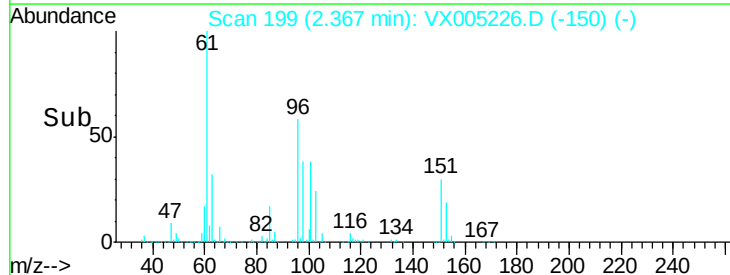
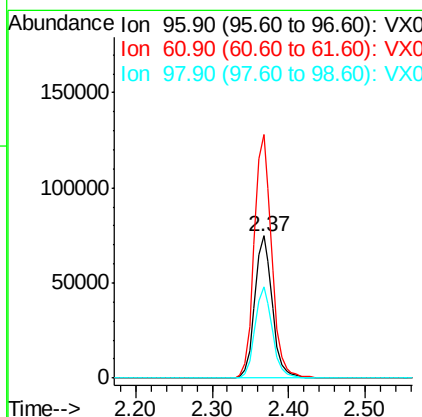
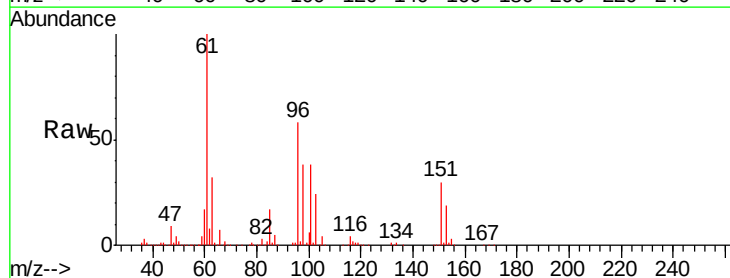
Manual Integrations
APPROVED

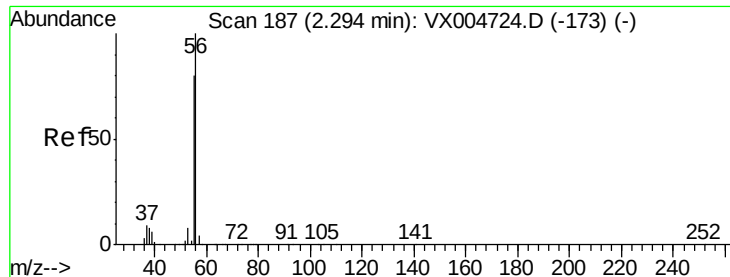
MMDadoda
10/12/2018 11:45:01 AM



#12
1,1-Dichloroethene
Concen: 50.54 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.00 min
Lab File: VX005226.D
Acq: 11 Oct 2018 00:02

Tgt Ion: 96 Resp: 119329
Ion Ratio Lower Upper
96 100
61 171.3 130.2 195.4
98 64.5 53.4 80.0





#13

Acrolein

Concen: 180.50 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX005226.D

Acq: 11 Oct 2018 00:02

Instrument :

MSVOA_X

ClientSampleId :

RE-109D2-20181005MSD

Tgt Ion: 56 Resp: 111778

Ion Ratio Lower Upper

56 100

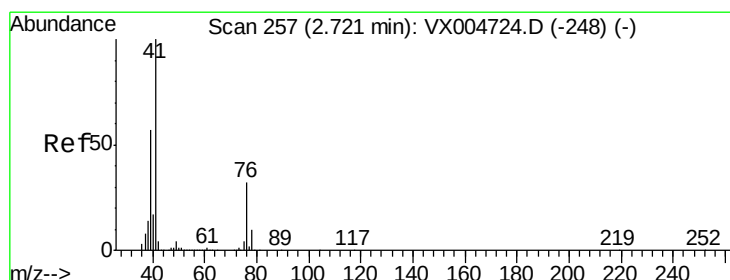
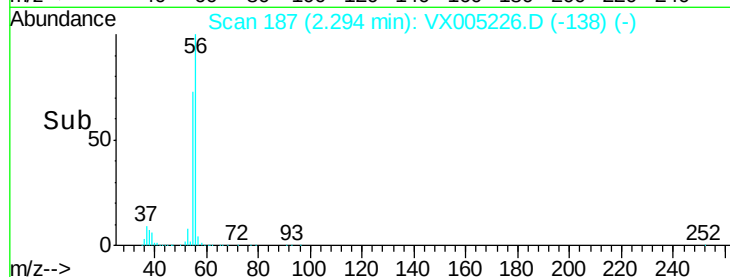
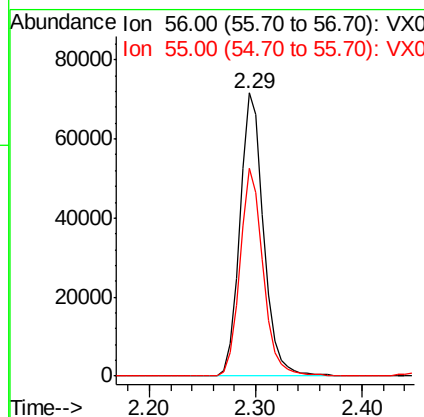
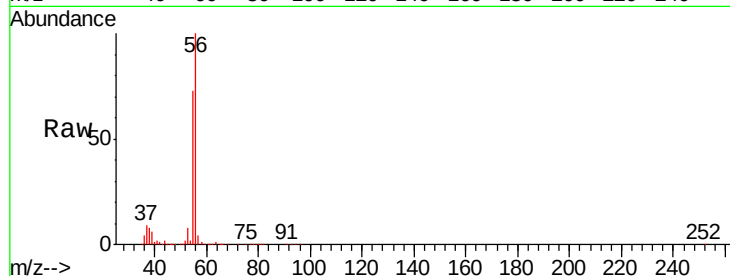
55 71.7 63.4 95.2

Manual Integrations

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MMDadoda

10/12/2018 11:45:01 AM



#14

Allyl chloride

Concen: 50.76 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.00 min

Lab File: VX005226.D

Acq: 11 Oct 2018 00:02

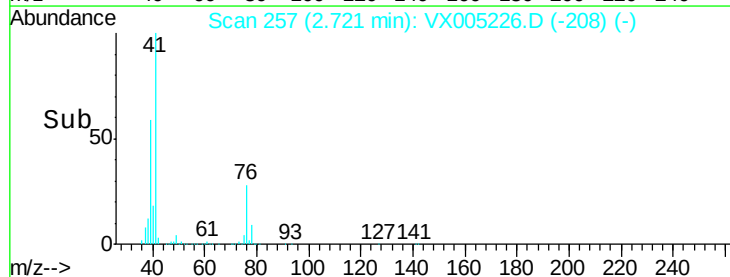
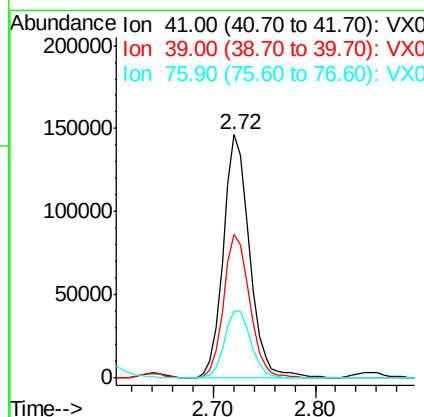
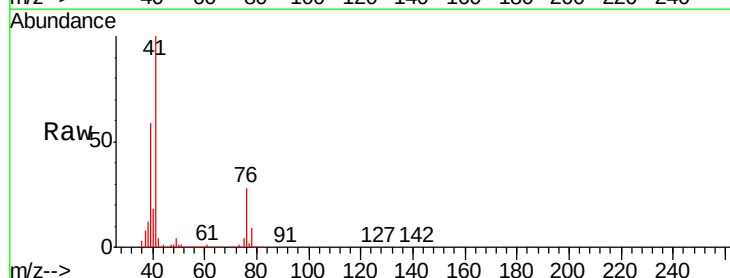
Tgt Ion: 41 Resp: 261504

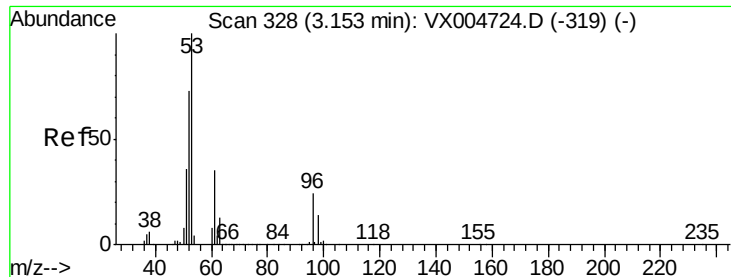
Ion Ratio Lower Upper

41 100

39 58.4 44.1 66.1

76 28.4 25.0 37.4





#15

Acrylonitrile

Concen: 262.50 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX005226.D

Acq: 11 Oct 2018 00:02

Instrument :

MSVOA_X

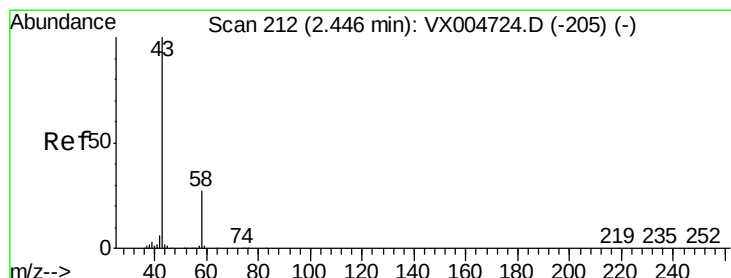
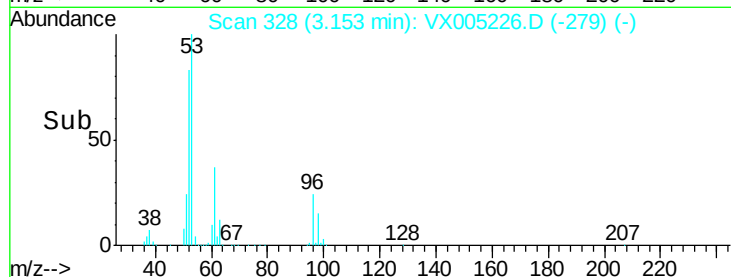
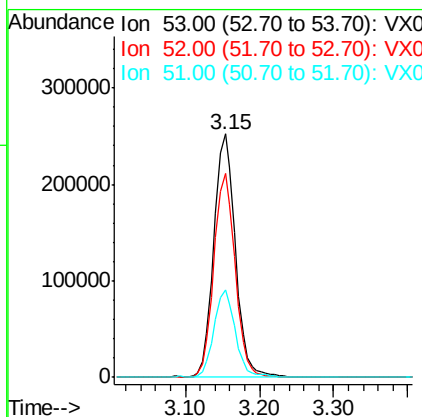
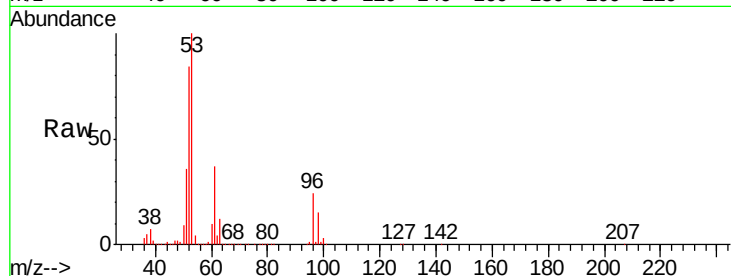
ClientSampleId :

RE-109D2-20181005MSD

Tgt Ion:	53	Resp:	502946
Ion	Ratio	Lower	Upper
53	100		
52	82.8	63.0	94.4
51	35.7	28.6	42.8

Manual Integrations
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#16

Acetone

Concen: 254.55 ug/l

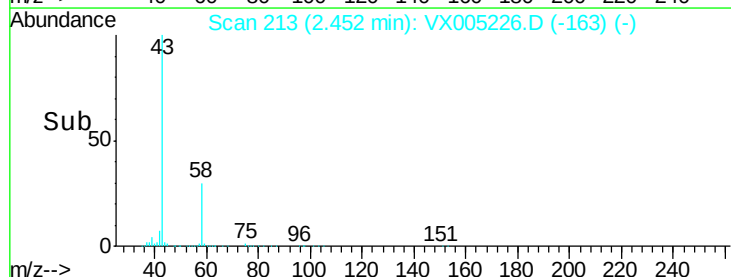
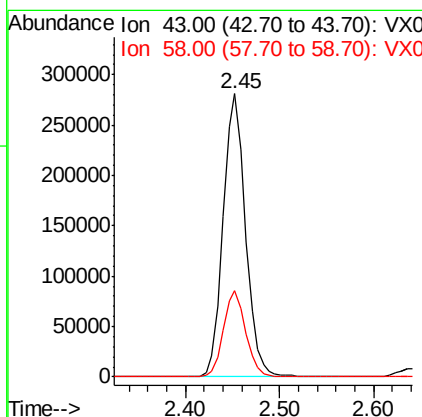
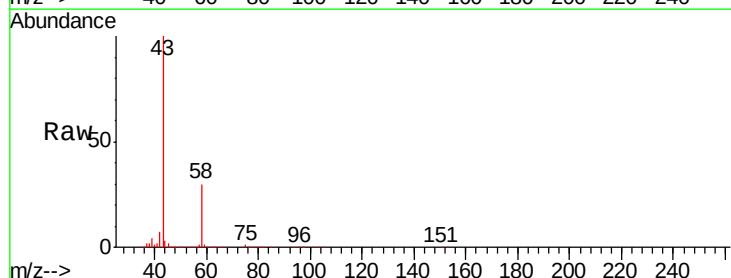
RT: 2.45 min Scan# 213

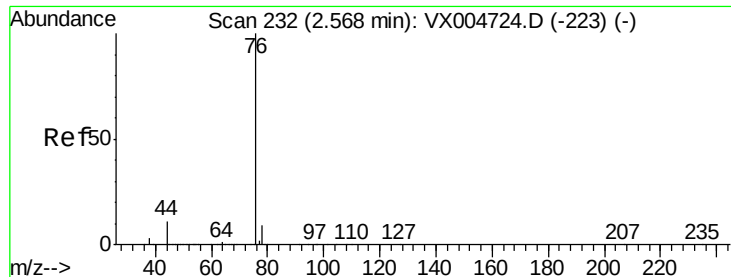
Delta R.T. 0.01 min

Lab File: VX005226.D

Acq: 11 Oct 2018 00:02

Tgt Ion:	43	Resp:	462584
Ion	Ratio	Lower	Upper
43	100		
58	30.4	21.8	32.6





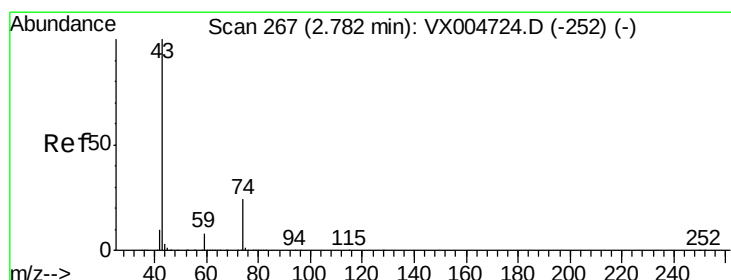
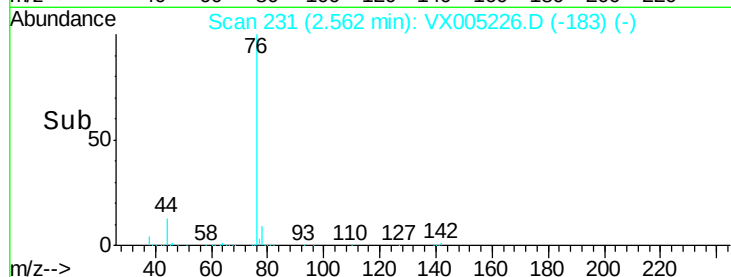
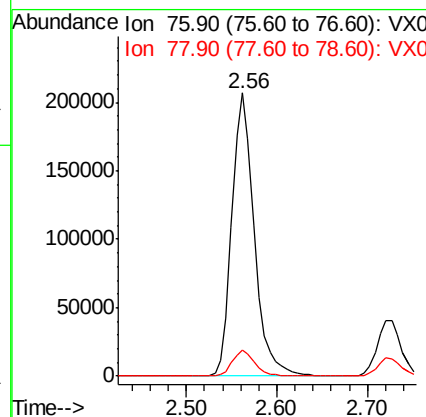
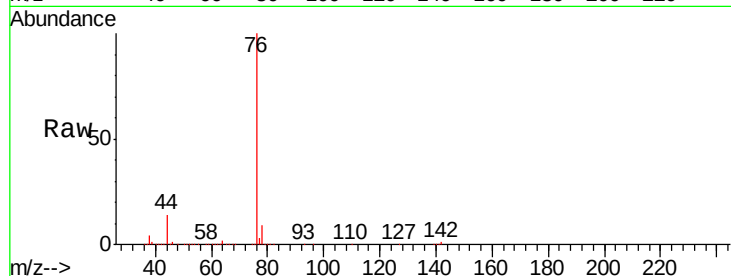
#17
Carbon Disulfide
Concen: 50.10 ug/l
RT: 2.56 min Scan# 231
Delta R.T. -0.01 min
Lab File: VX005226.D
Acq: 11 Oct 2018 00:02

Instrument :
MSVOA_X
ClientSampleId :
RE-109D2-20181005MSD

Tgt Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.0	10.6

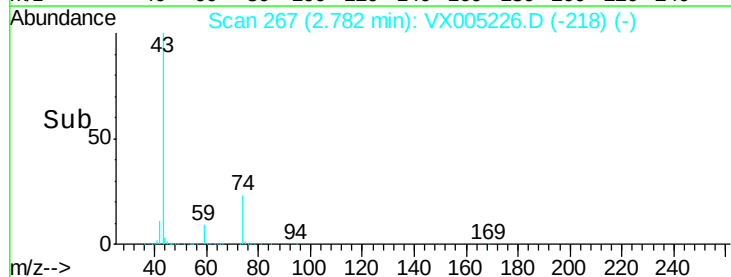
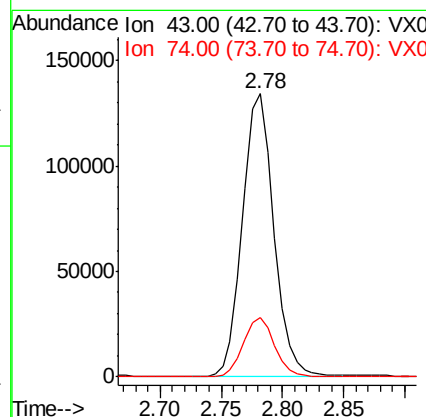
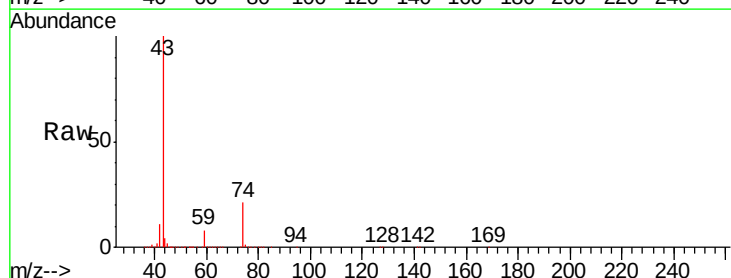
Manual Integrations
APPROVED

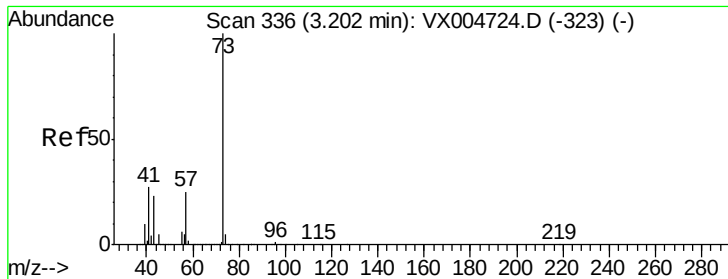
MMDadoda
10/12/2018 11:45:01 AM



#18
Methyl Acetate
Concen: 51.76 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX005226.D
Acq: 11 Oct 2018 00:02

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.6	17.8	26.8





#19

Methyl tert-butyl Ether

Concen: 53.42 ug/l

RT: 3.21 min Scan# 337

Delta R.T. 0.01 min

Lab File: VX005226.D

Acq: 11 Oct 2018 00:02

Instrument :

MSVOA_X

ClientSampleId :

RE-109D2-20181005MSD

Tgt Ion: 73 Resp: 435091

Ion Ratio Lower Upper

73 100

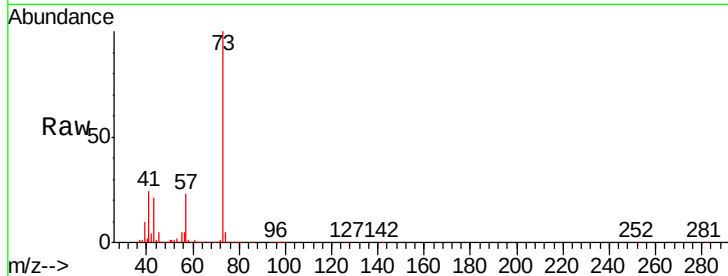
57 22.9 19.9 29.9

Manual Integrations

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MMDadoda

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Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.21

200000

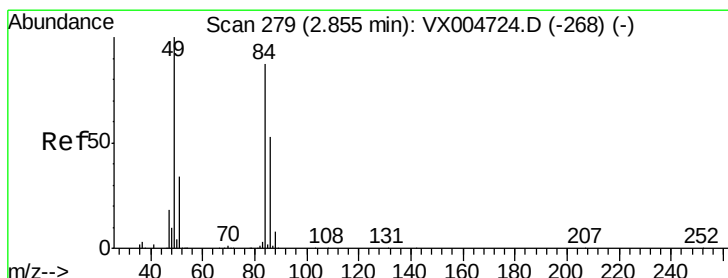
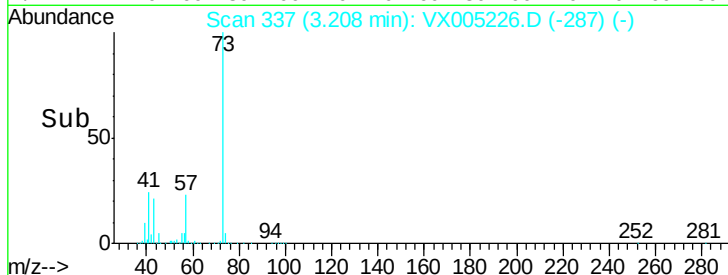
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 52.46 ug/l

RT: 2.85 min Scan# 279

Delta R.T. -0.00 min

Lab File: VX005226.D

Acq: 11 Oct 2018 00:02

Tgt Ion: 84 Resp: 138492

Ion Ratio Lower Upper

84 100

49 132.2 92.3 138.5

51 40.7 31.8 47.6

86 63.7 48.5 72.7

Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

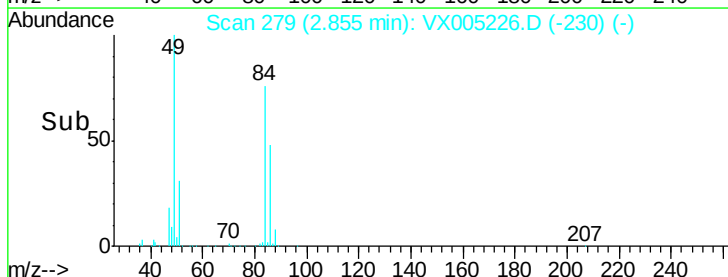
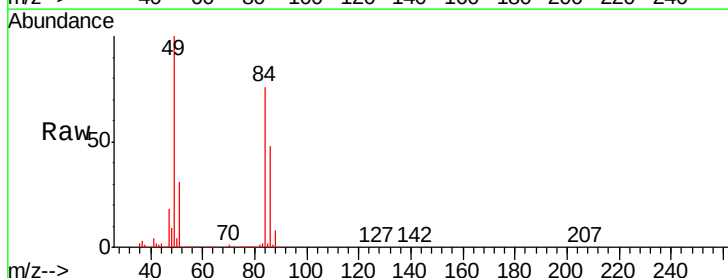
150000

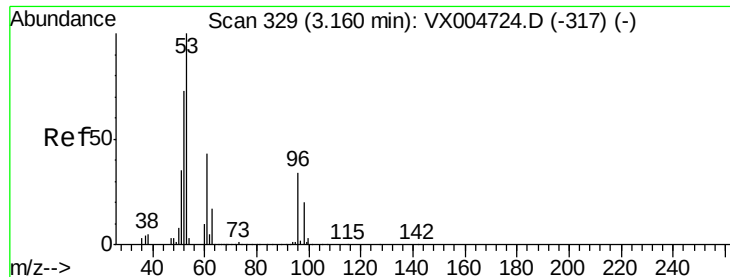
100000

50000

0

Time-->





#21

trans-1,2-Dichloroethene

Concen: 49.16 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX005226.D

Acq: 11 Oct 2018 00:02

Instrument :

MSVOA_X

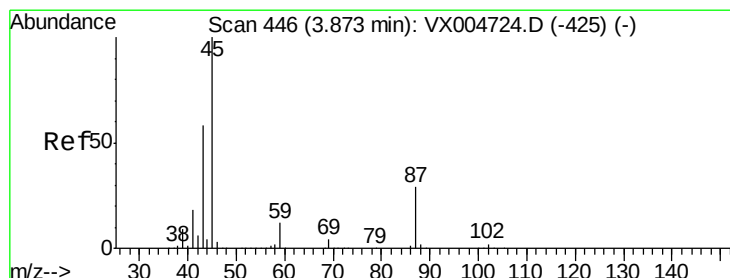
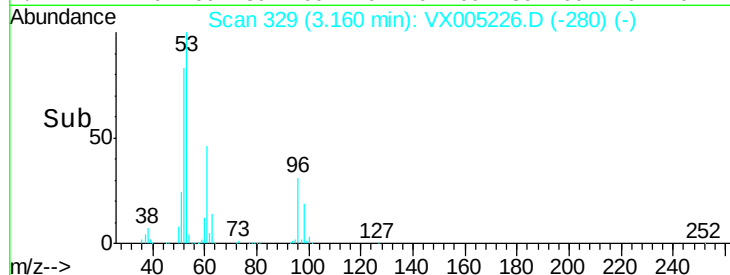
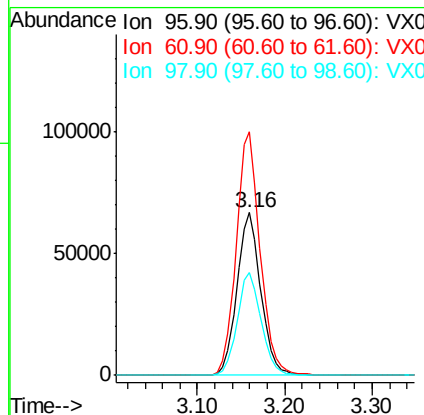
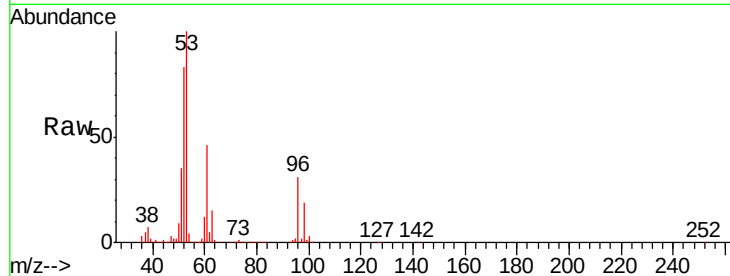
ClientSampleId :

RE-109D2-20181005MSD

Tgt Ion:	96	Resp:	127067
Ion	Ratio	Lower	Upper
96	100		
61	149.3	101.0	151.6
98	63.1	47.2	70.8

Manual Integrations
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#22

Diisopropyl ether

Concen: 49.05 ug/l

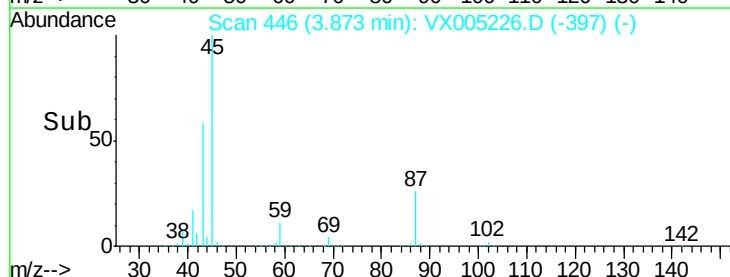
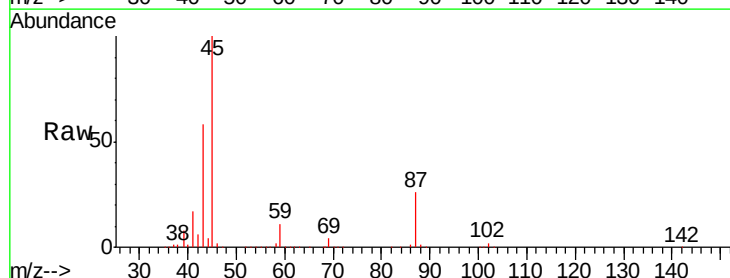
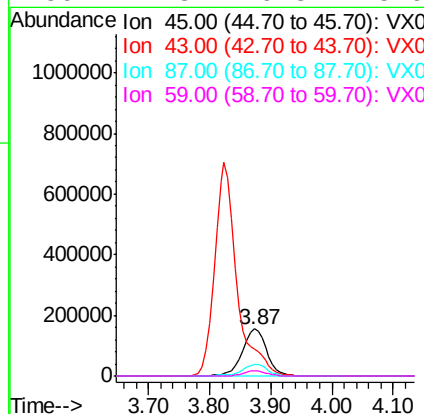
RT: 3.87 min Scan# 446

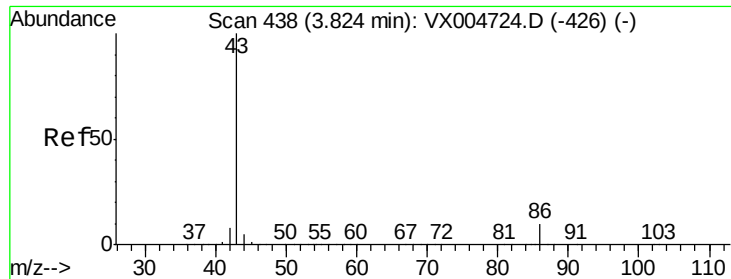
Delta R.T. -0.00 min

Lab File: VX005226.D

Acq: 11 Oct 2018 00:02

Tgt Ion:	45	Resp:	425462
Ion	Ratio	Lower	Upper
45	100		
43	57.5	46.7	70.1
87	25.8	22.9	34.3
59	11.3	9.3	13.9





#23

Vinyl Acetate

Concen: 227.66 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX005226.D

Acq: 11 Oct 2018 00:02

Instrument :

MSVOA_X

ClientSampleId :

RE-109D2-20181005MSD

Tgt Ion: 43 Resp: 1807745

Ion Ratio Lower Upper

43 100

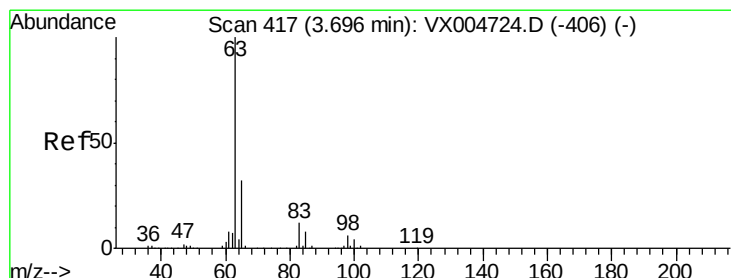
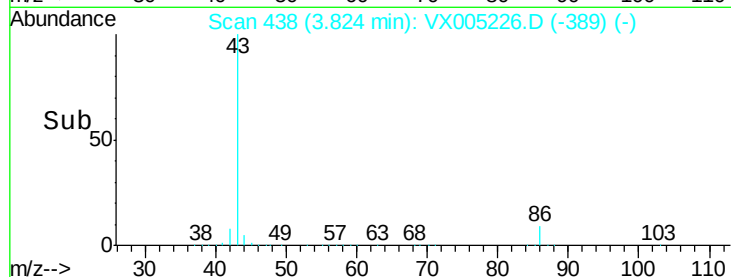
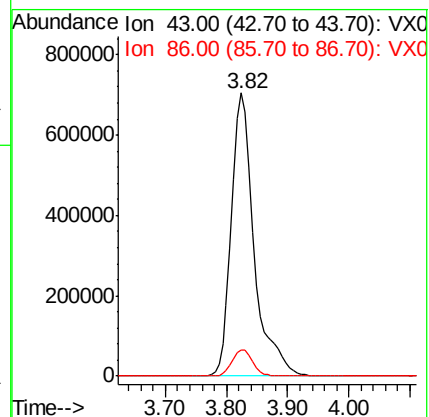
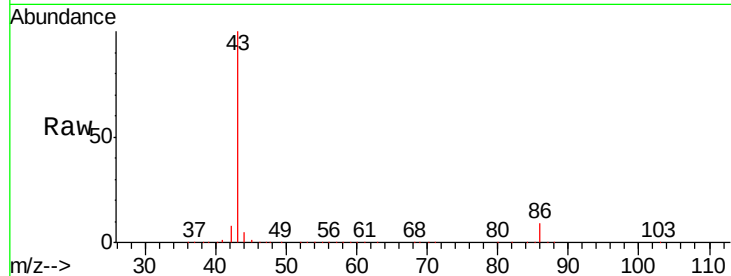
86 9.4 8.1 12.1

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 49.57 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX005226.D

Acq: 11 Oct 2018 00:02

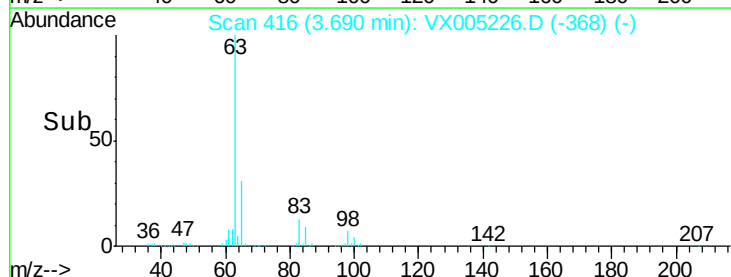
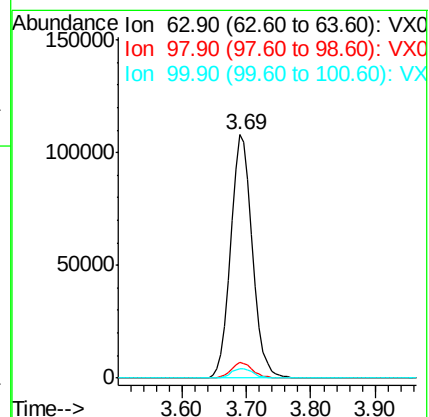
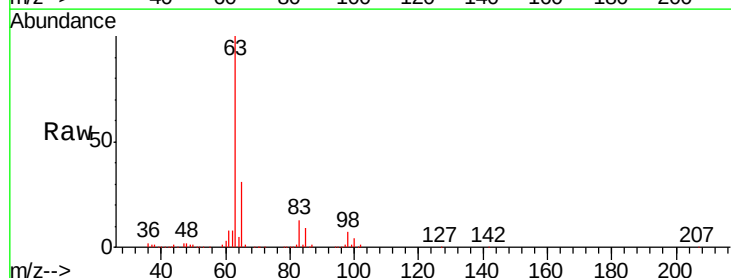
Tgt Ion: 63 Resp: 256487

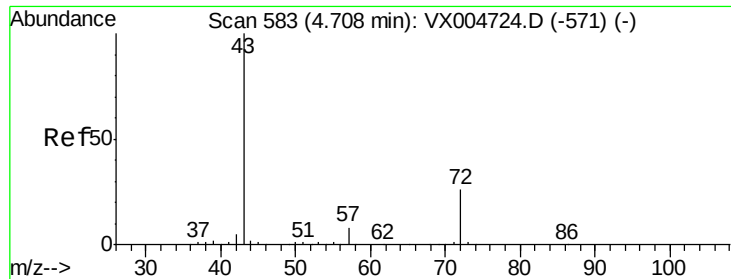
Ion Ratio Lower Upper

63 100

98 6.5 3.0 9.2

100 3.7 2.0 5.8





#25

2-Butanone

Concen: 245.04 ug/l

RT: 4.71 min Scan# 583

Delta R.T. -0.00 min

Lab File: VX005226.D

Acq: 11 Oct 2018 00:02

Instrument :

MSVOA_X

ClientSampleId :

RE-109D2-20181005MSD

Tgt Ion: 43 Resp: 656393

Ion Ratio Lower Upper

43 100

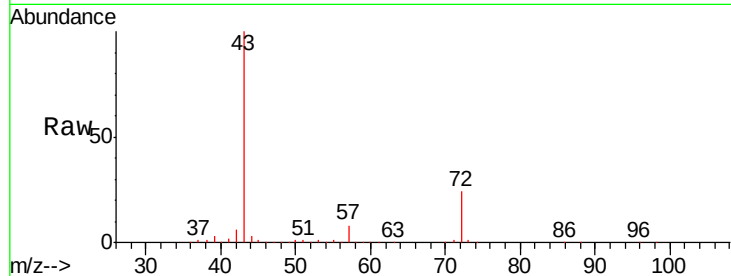
72 24.1 20.8 31.2

Manual Integrations

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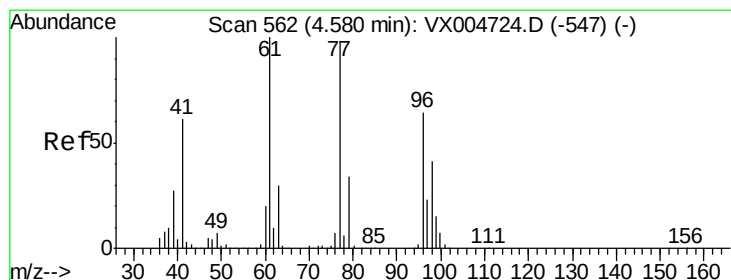
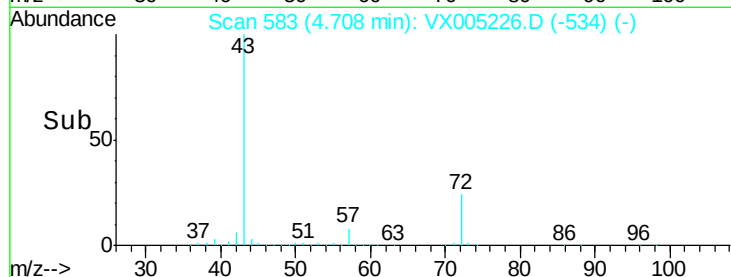
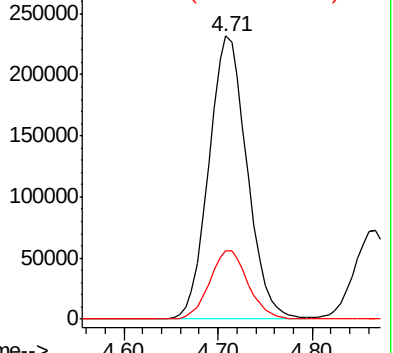
MMDadoda

10/12/2018 11:45:01 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 36.06 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX005226.D

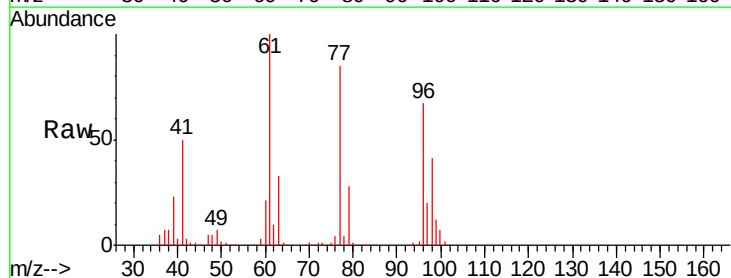
Acq: 11 Oct 2018 00:02

Tgt Ion: 77 Resp: 129930

Ion Ratio Lower Upper

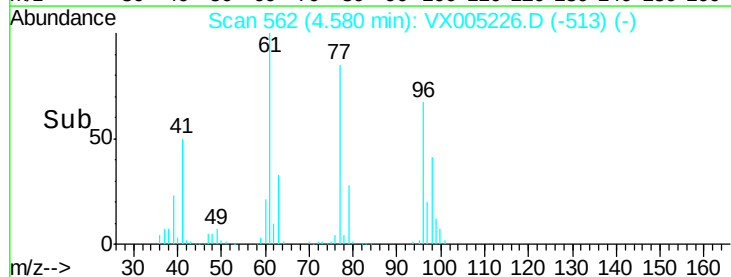
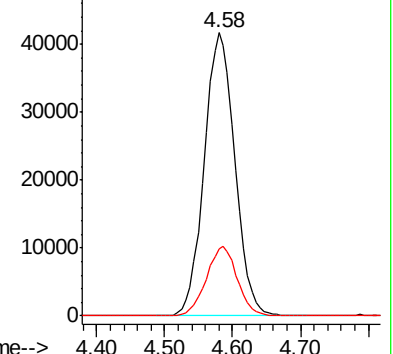
77 100

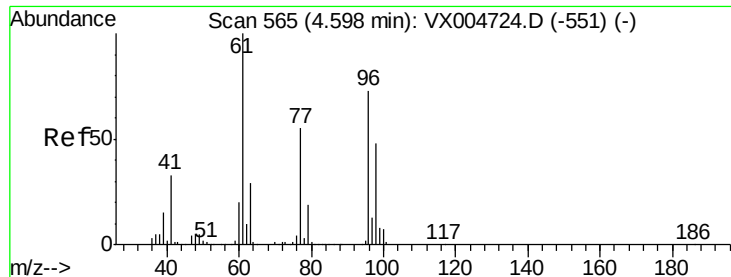
97 24.8 12.6 37.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 46.44 ug/l

RT: 4.59 min Scan# 564

Delta R.T. -0.01 min

Lab File: VX005226.D

Acq: 11 Oct 2018 00:02

Instrument :

MSVOA_X

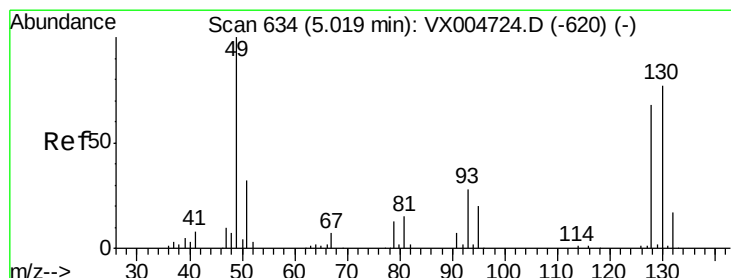
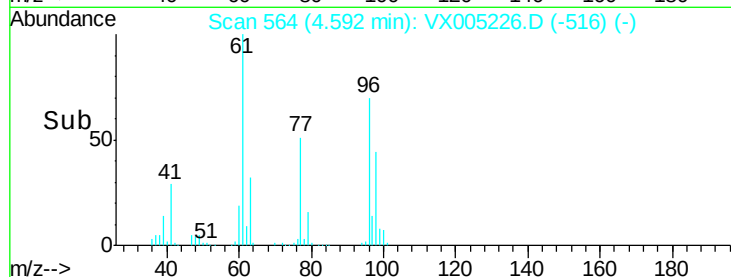
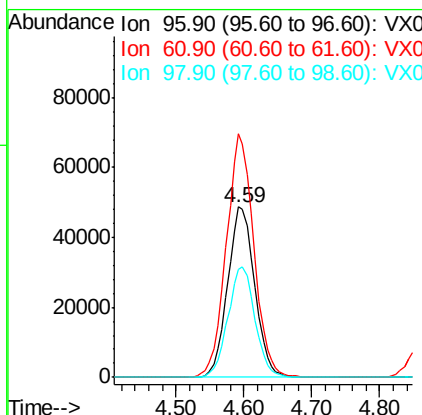
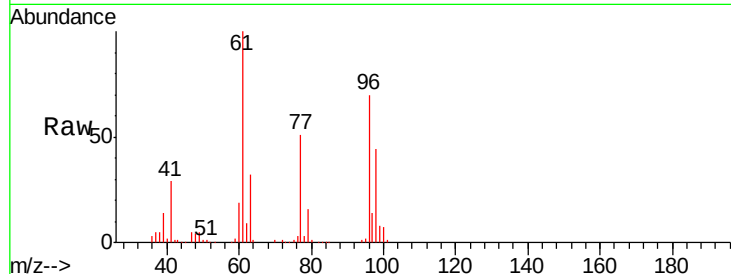
ClientSampleId :

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Tgt Ion:	96	Resp:	134086
Ion	Ratio	Lower	Upper
96	100		
61	145.0	0.0	285.8
98	64.8	0.0	136.2

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#28

Bromochloromethane

Concen: 36.31 ug/l

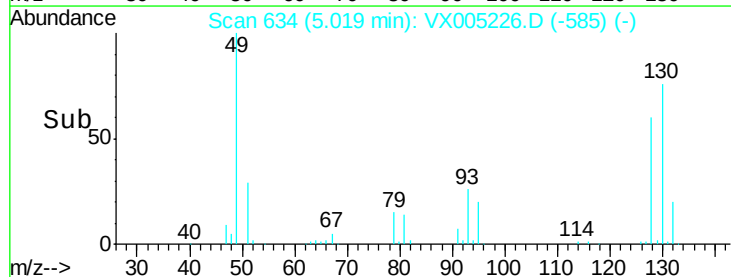
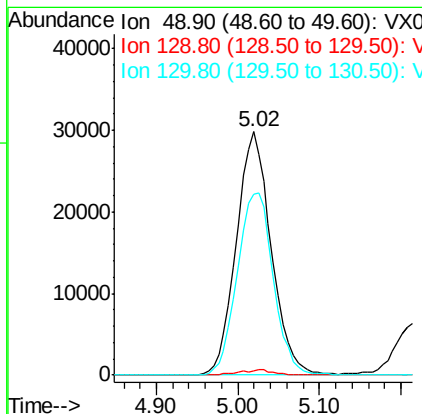
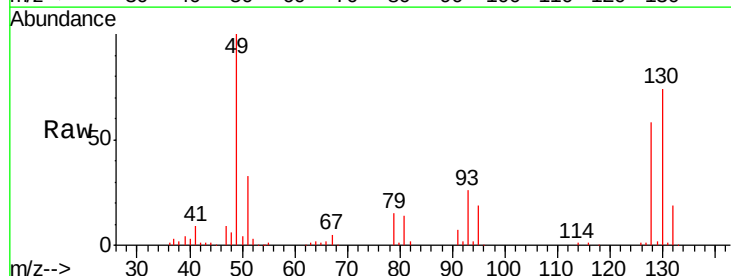
RT: 5.02 min Scan# 634

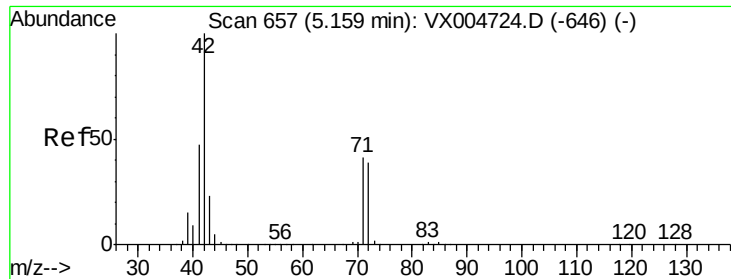
Delta R.T. -0.00 min

Lab File: VX005226.D

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Tgt Ion:	49	Resp:	88472
Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.2
130	77.5	62.0	93.0





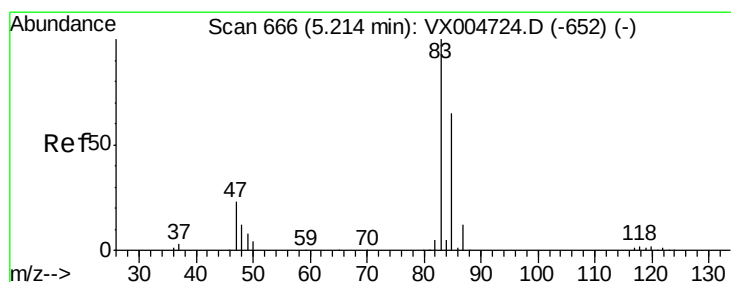
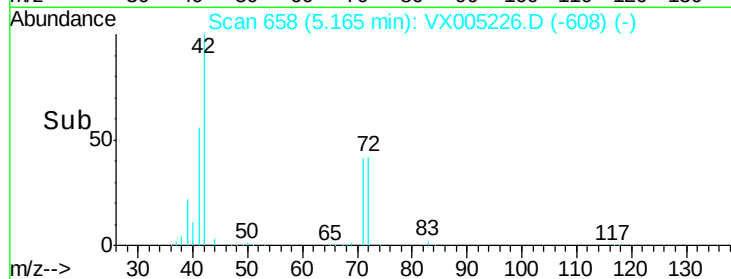
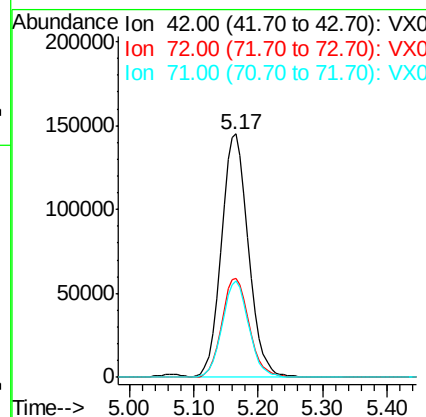
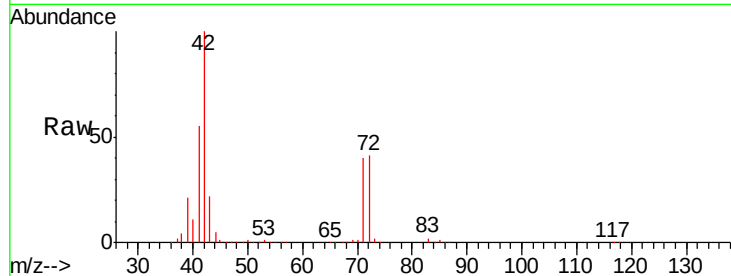
#29
Tetrahydrofuran
Concen: 256.49 ug/l
RT: 5.17 min Scan# 658
Delta R.T. 0.01 min
Lab File: VX005226.D
Acq: 11 Oct 2018 00:02

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MSVOA_X
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
42	100		
72	41.4	33.7	50.5
71	39.1	32.2	48.4

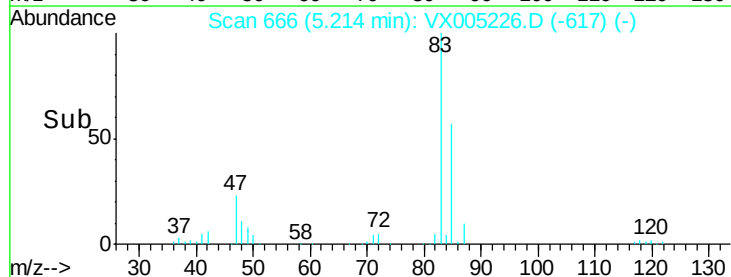
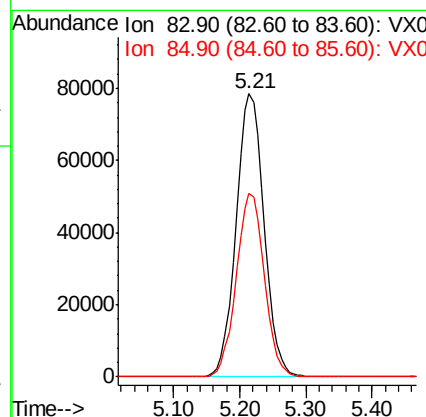
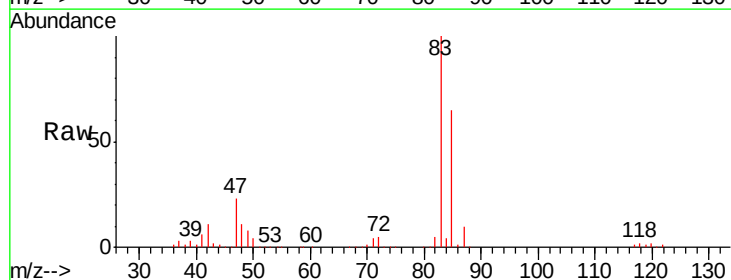
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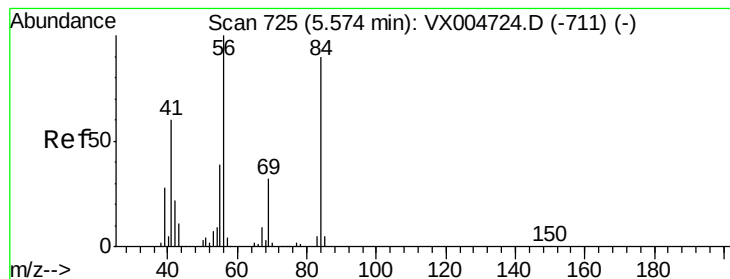
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#30
Chloroform
Concen: 47.02 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX005226.D
Acq: 11 Oct 2018 00:02

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.9	52.4	78.6





#31

Cyclohexane

Concen: 49.90 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX005226.D

Acq: 11 Oct 2018 00:02

Instrument :

MSVOA_X

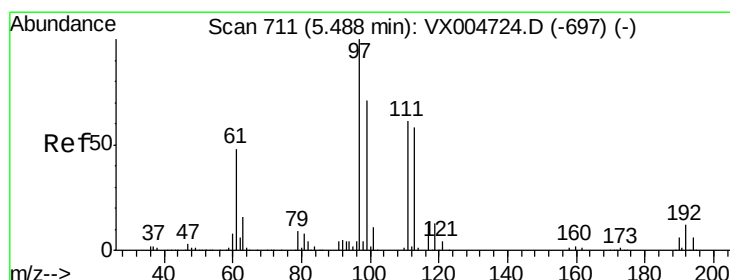
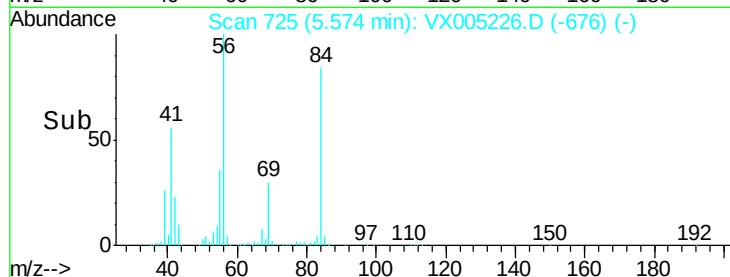
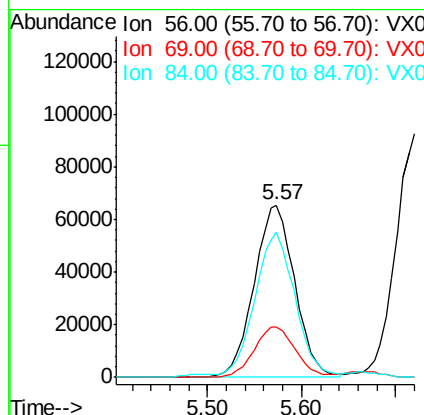
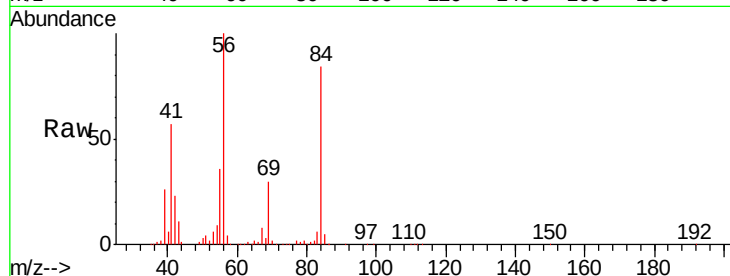
ClientSampleId :

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Tgt Ion:	56	Resp:	197639
Ion Ratio	Lower	Upper	
56	100		
69	29.6	25.9	38.9
84	83.1	71.9	107.9

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#32

1,1,1-Trichloroethane

Concen: 50.29 ug/l

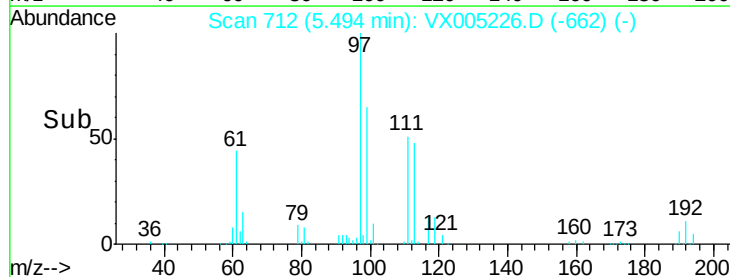
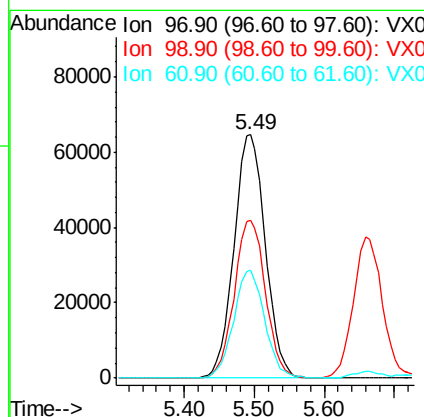
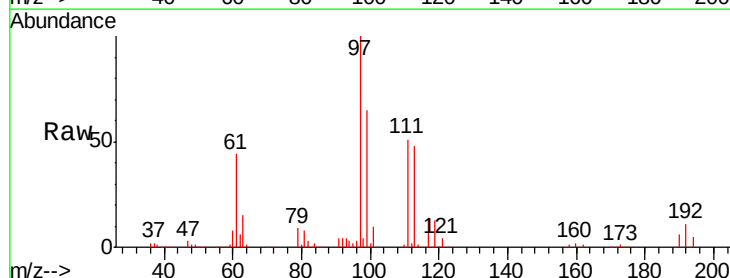
RT: 5.49 min Scan# 712

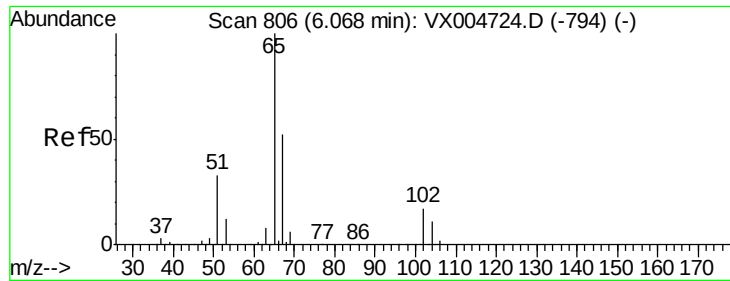
Delta R.T. 0.01 min

Lab File: VX005226.D

Acq: 11 Oct 2018 00:02

Tgt Ion:	97	Resp:	200870
Ion Ratio	Lower	Upper	
97	100		
99	64.4	54.6	82.0
61	44.2	37.5	56.3





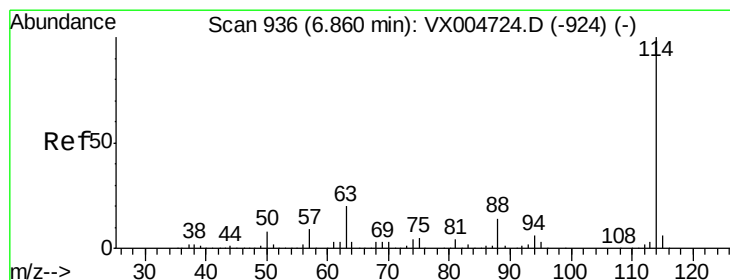
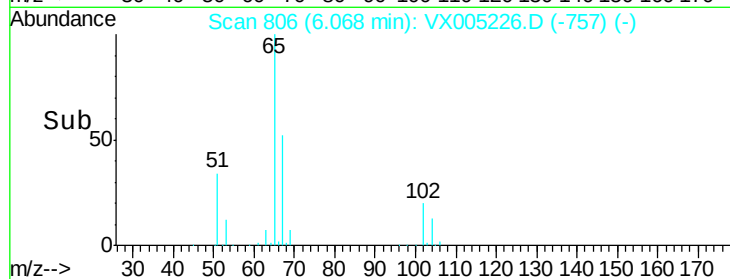
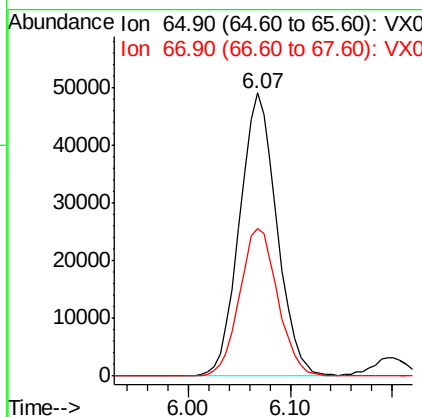
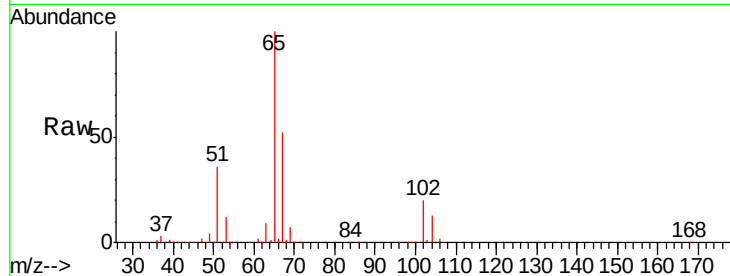
#33
 1,2-Dichloroethane-d4
 Concen: 40.10 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX005226.D
 Acq: 11 Oct 2018 00:02

Instrument :
 MSVOA_X
 ClientSampleId :
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Tgt Ion: 65 Resp: 124833
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 107.4

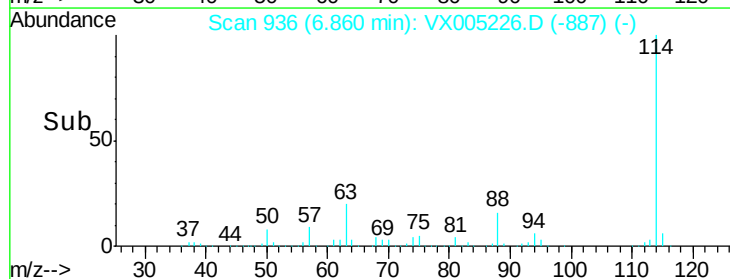
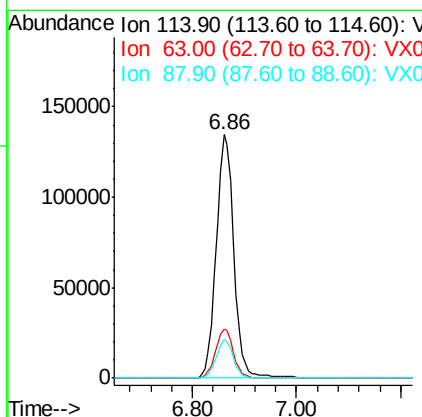
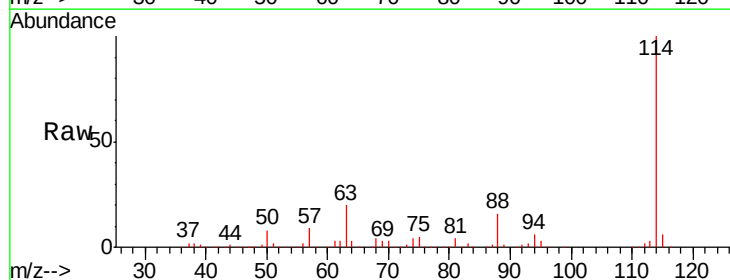
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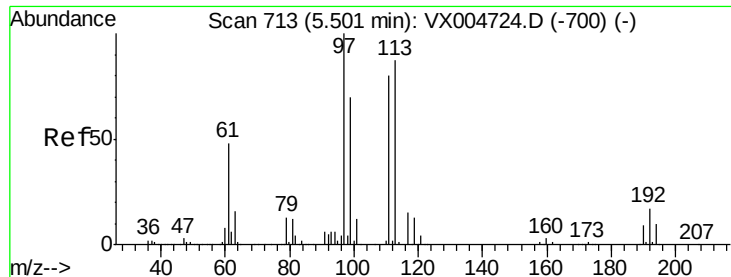
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX005226.D
 Acq: 11 Oct 2018 00:02

Tgt Ion: 114 Resp: 320402
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 39.8
 88 15.7 0.0 27.0





#35

Dibromofluoromethane

Concen: 37.27 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX005226.D

Acq: 11 Oct 2018 00:02

Instrument :

MSVOA_X

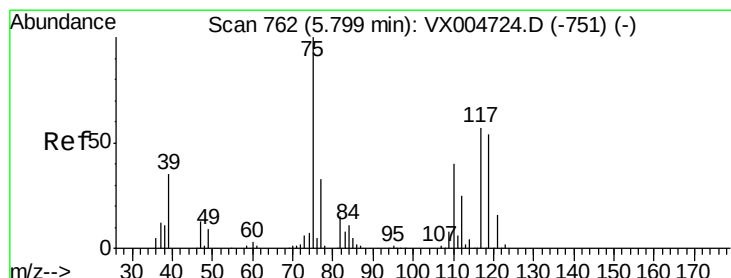
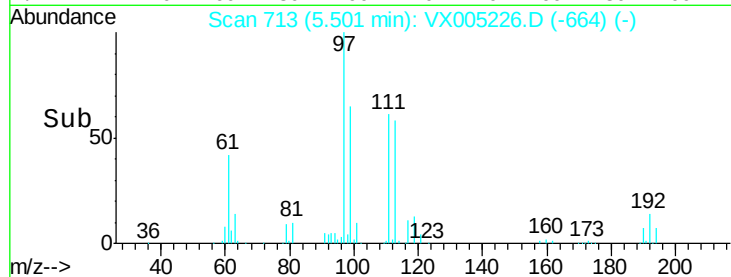
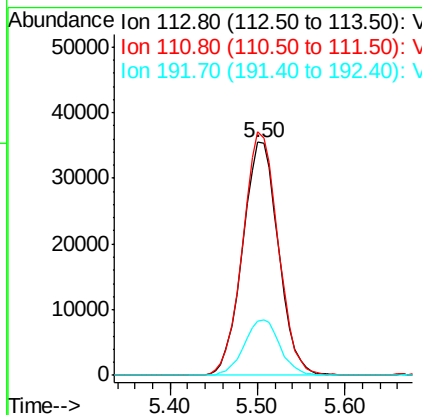
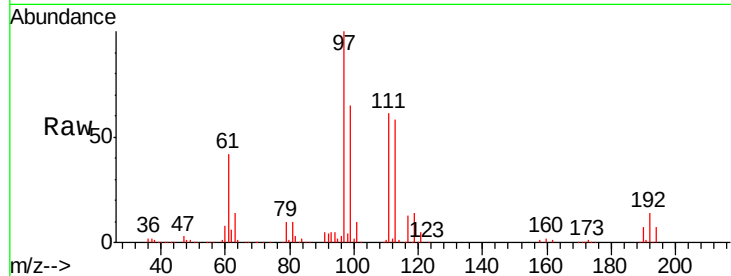
ClientSampleId :

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Tgt Ion:	113	Resp:	101216
Ion Ratio	Lower	Upper	
113	100		
111	103.3	77.0	115.4
192	23.8	17.0	25.6

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 46.76 ug/l

RT: 5.79 min Scan# 761

Delta R.T. -0.01 min

Lab File: VX005226.D

Acq: 11 Oct 2018 00:02

Tgt Ion:	75	Resp:	173252
Ion Ratio	Lower	Upper	
75	100		
110	35.9	20.0	59.9
77	30.7	27.1	40.7

