

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092718\
 Data File : VX004785.D
 Acq On : 27 Sep 2018 20:10
 Operator : JC/MD
 Sample : J5048-11MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CMT-22-6-SEP18MSD

Manual Integrations
 APPROVED

MMDadoda
 9/28/2018 2:26:09 PM

Quant Time: Sep 28 07:39:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 26 14:17:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	243054	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	371405	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	354088	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	216171	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	171288	49.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.66%	
35) Dibromofluoromethane	5.50	113	139762	44.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.80%	
50) Toluene-d8	8.72	98	535691	51.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.38%	
62) 4-Bromofluorobenzene	11.14	95	196471	52.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	197742	59.669	ug/l	98
3) Chloromethane	1.32	50	209427	52.088	ug/l	99
4) Vinyl Chloride	1.40	62	212443	56.336	ug/l	99
5) Bromomethane	1.64	94	75365	33.703	ug/l	99
6) Chloroethane	1.71	64	148730	73.464	ug/l	99
7) Trichlorofluoromethane	1.92	101	263623	56.469	ug/l	93
8) Diethyl Ether	2.19	74	105184	51.863	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	2.38	101	144865	54.475	ug/l	98
10) Methyl Iodide	2.51	142	109851	30.870	ug/l	99
11) Tert butyl alcohol	3.08	59	232274	239.257	ug/l	99
12) 1,1-Dichloroethene	2.37	96	141985	53.913	ug/l	96
13) Acrolein	2.29	56	158349	229.249	ug/l	96
14) Allyl chloride	2.73	41	312412	54.368	ug/l	96
15) Acrylonitrile	3.15	53	561146	262.570	ug/l	99
16) Acetone	2.45	43	483826	238.686	ug/l	97
17) Carbon Disulfide	2.57	76	437810	55.324	ug/l	98
18) Methyl Acetate	2.78	43	258439	50.322	ug/l	94
19) Methyl tert-butyl Ether	3.20	73	510921	56.243	ug/l	95
20) Methylene Chloride	2.85	84	163685	55.633	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	151789	52.651	ug/l	95
22) Diisopropyl ether	3.87	45	535260	55.318	ug/l	96
23) Vinyl Acetate	3.82	43	2258599	255.003	ug/l	95
24) 1,1-Dichloroethane	3.70	63	286263	49.596	ug/l	99
25) 2-Butanone	4.70	43	748132	250.386	ug/l	93
26) 2,2-Dichloropropane	4.58	77	180544	44.919	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	176392	54.770	ug/l	97
28) Bromochloromethane	5.02	49	136976	50.395	ug/l	90
29) Tetrahydrofuran	5.16	42	497275	267.770	ug/l	92
30) Chloroform	5.21	83	275544	50.512	ug/l	99
31) Cyclohexane	5.57	56	259684	58.783	ug/l	91
32) 1,1,1-Trichloroethane	5.49	97	238107	53.447	ug/l	99
36) 1,1-Dichloropropene	5.79	75	208460	48.540	ug/l	100
37) Ethyl Acetate	4.86	43	257642	45.195	ug/l	97
38) Carbon Tetrachloride	5.78	117	209767	46.466	ug/l	99

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 26 14:17:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	249623	56.923	ug/l	94
40) Benzene	6.14	78	634737	47.209	ug/l	99
41) Methacrylonitrile	5.06	41	152916	48.368	ug/l	96
42) 1,2-Dichloroethane	6.20	62	223834	47.093	ug/l	97
43) Isopropyl Acetate	6.46	43	395378	48.052	ug/l	96
44) Trichloroethene	7.21	130	175099	52.976	ug/l	94
45) 1,2-Dichloropropane	7.52	63	170396	51.679	ug/l	96
46) Dibromomethane	7.66	93	108569	52.394	ug/l	97
47) Bromodichloromethane	7.90	83	207555	53.499	ug/l	99
48) Methyl methacrylate	7.78	41	215136	57.606	ug/l	93
49) 1,4-Dioxane	7.76	88	83847	903.694	ug/l	93
51) 4-Methyl-2-Pentanone	8.65	43	1429104	275.846	ug/l	96
52) Toluene	8.79	92	391802	53.033	ug/l	96
53) t-1,3-Dichloropropene	9.04	75	232705	53.079	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	246691	53.722	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	162954	50.354	ug/l	98
56) Ethyl methacrylate	9.18	69	258025	49.184	ug/l	93
57) 1,3-Dichloropropane	9.37	76	275411	51.134	ug/l	99
59) 2-Hexanone	9.50	43	1127468	261.154	ug/l	93
60) Dibromochloromethane	9.59	129	168350	52.018	ug/l	100
61) 1,2-Dibromoethane	9.68	107	168815	48.709	ug/l	99
64) Tetrachloroethene	9.34	164	150798	43.271	ug/l	97
65) Chlorobenzene	10.14	112	437154	48.146	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	157297	49.277	ug/l	99
67) Ethyl Benzene	10.26	91	749046	51.962	ug/l	98
68) m/p-Xylenes	10.36	106	586013	104.030	ug/l	95
69) o-Xylene	10.70	106	283092	54.715	ug/l	98
70) Styrene	10.71	104	469342	48.565	ug/l	97
71) Bromoform	10.86	173	136222	49.847	ug/l	99
73) Isopropylbenzene	11.02	105	747692	54.874	ug/l	99
74) N-amyl acetate	10.90	43	355191	47.517	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.27	83	270124	48.702	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	241387m	49.820	ug/l	
77) Bromobenzene	11.26	156	200259	50.601	ug/l	98
78) n-propylbenzene	11.36	91	855600	54.728	ug/l	100
79) 2-Chlorotoluene	11.42	91	515916	52.943	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	636681	50.986	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	76133	43.140	ug/l	98
82) 4-Chlorotoluene	11.51	91	608947	53.090	ug/l	99
83) tert-Butylbenzene	11.77	119	630869	56.236	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	658895	51.166	ug/l	98
85) sec-Butylbenzene	11.94	105	744659	54.497	ug/l	99
86) p-Isopropyltoluene	12.07	119	673131	54.373	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	366350	49.573	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	373435	48.951	ug/l	99
89) n-Butylbenzene	12.39	91	599050	53.280	ug/l	98
90) Hexachloroethane	12.60	117	107426	52.117	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	369540	47.850	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	62146	51.030	ug/l	96
93) 1,2,4-Trichlorobenzene	13.65	180	277417	51.207	ug/l	99

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CMT-22-6-SEP18MSD

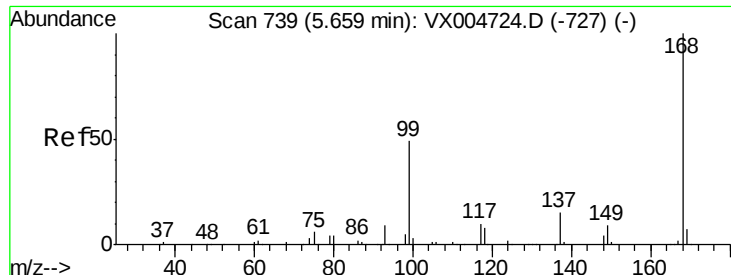
Manual Integrations
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 26 14:17:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	129884	46.234	ug/l	97
95) Naphthalene	13.83	128	903601	50.249	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	286737	51.236	ug/l	98

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



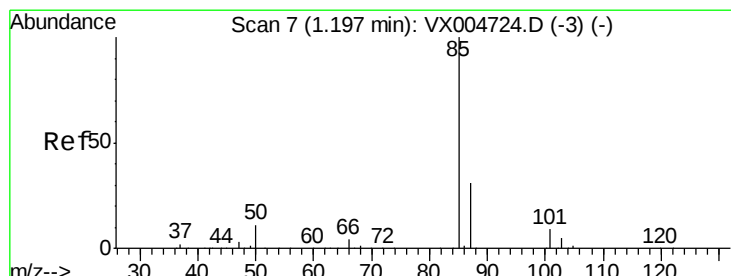
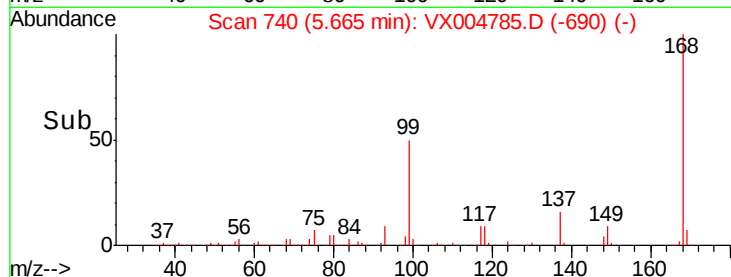
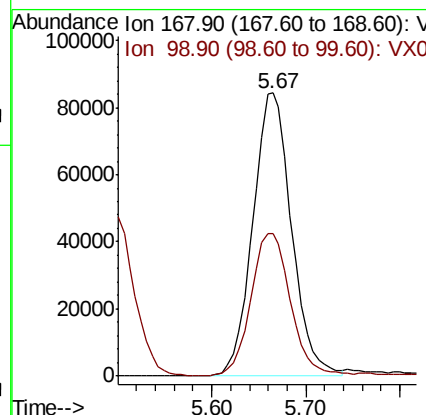
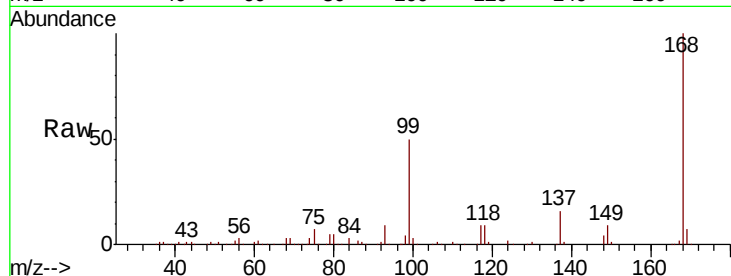
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX004785.D
Acq: 27 Sep 2018 20:10

Instrument :
MSVOA_X
ClientSampleId :
CMT-22-6-SEP18MSD

Tot Ion	Ratio	Lower	Upper
168	100		
99	50.1	39.9	59.9

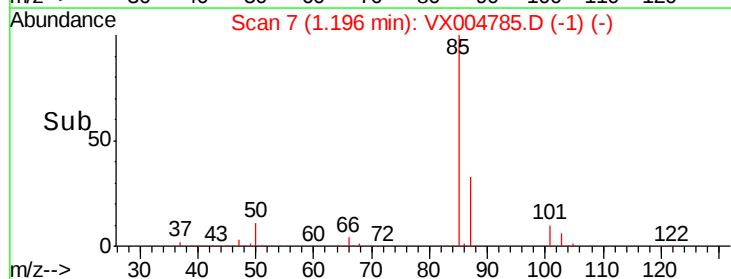
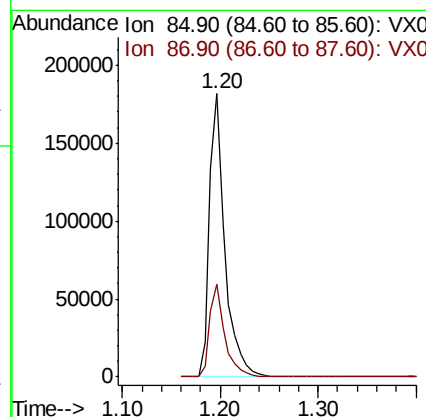
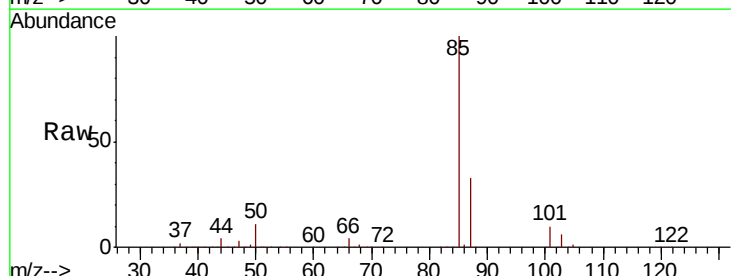
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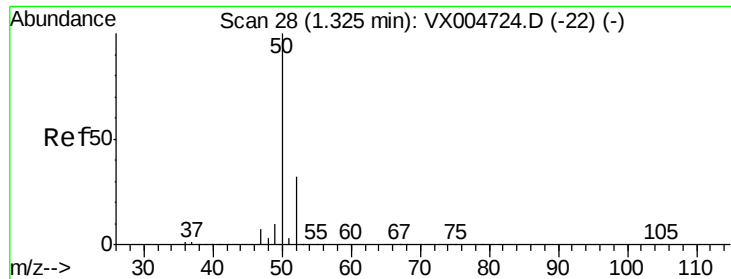
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#2
Dichlorodifluoromethane
Concen: 59.669 ug/l
RT: 1.20 min Scan# 7
Delta R.T. -0.00 min
Lab File: VX004785.D
Acq: 27 Sep 2018 20:10

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.9	17.0	50.9





#3

Chloromethane

Concen: 52.088 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX004785.D

Acq: 27 Sep 2018 20:10

Instrument :

MSVOA_X

ClientSampleId :

CMT-22-6-SEP18MSD

Tot Ion: 50 Resp: 209427

Ion Ratio Lower Upper

50 100

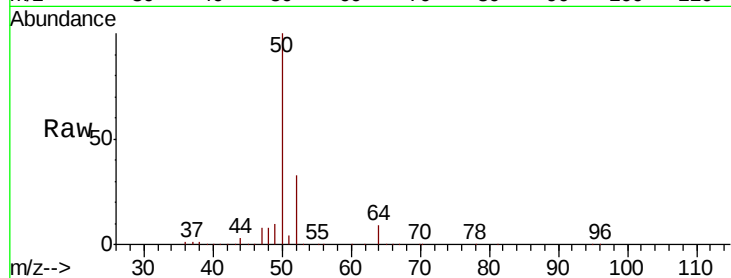
52 33.0 26.2 39.2

Manual Integrations

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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

200000

150000

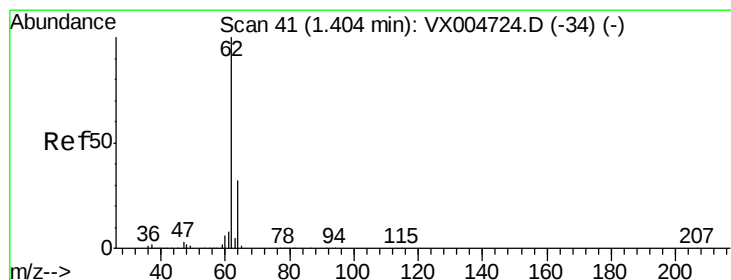
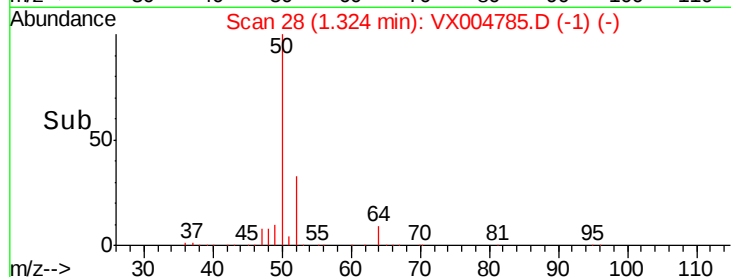
100000

50000

0

1.30 1.35 1.40

Time-->



#4

Vinyl Chloride

Concen: 56.336 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX004785.D

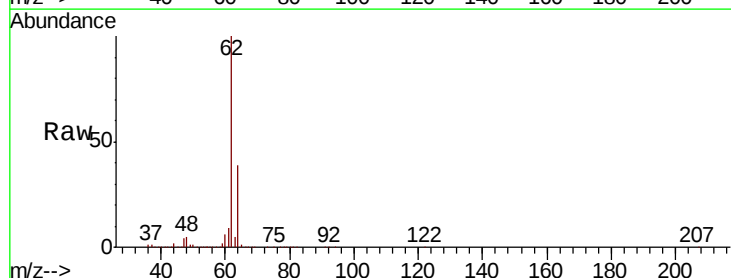
Acq: 27 Sep 2018 20:10

Tgt Ion: 62 Resp: 212443

Ion Ratio Lower Upper

62 100

64 31.7 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

200000

150000

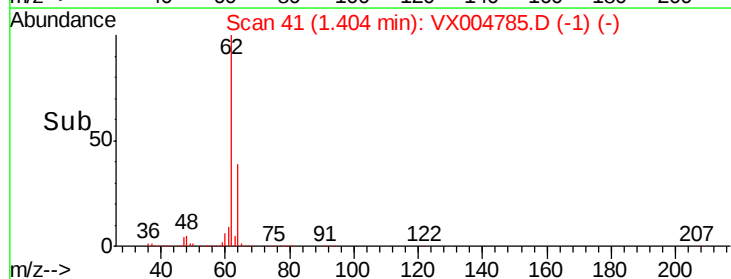
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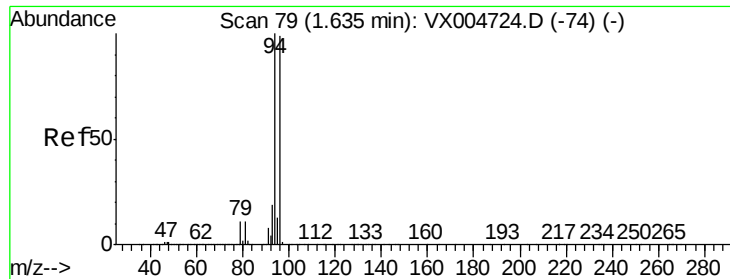
50000

0

1.30 1.40 1.50

Time-->





#5

Bromomethane

Concen: 33.703 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX004785.D

Acq: 27 Sep 2018 20:10

Instrument :

MSVOA_X

ClientSampleId :

CMT-22-6-SEP18MSD

Tot Ion: 94 Resp: 75365

Ion Ratio Lower Upper

94 100

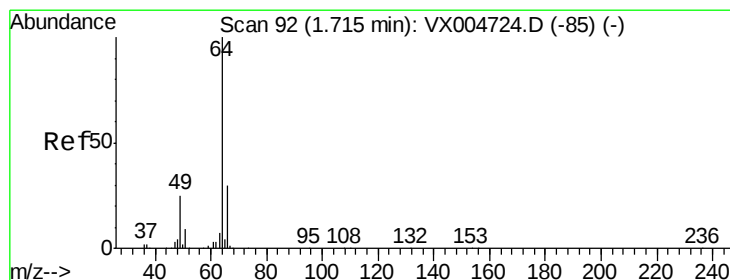
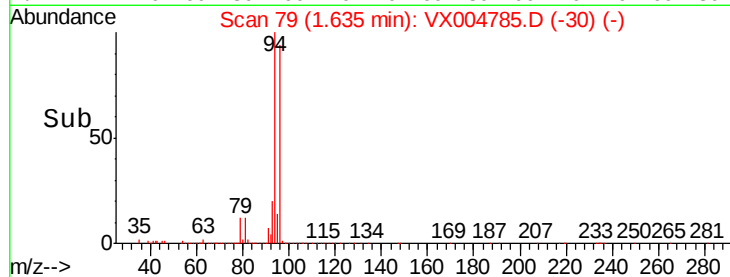
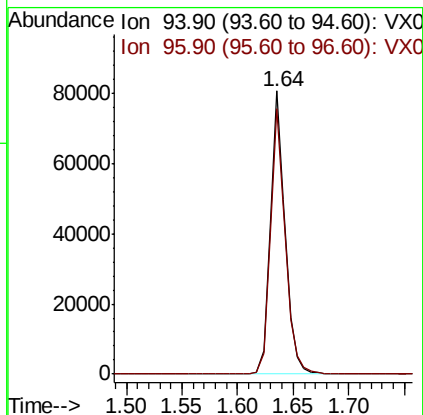
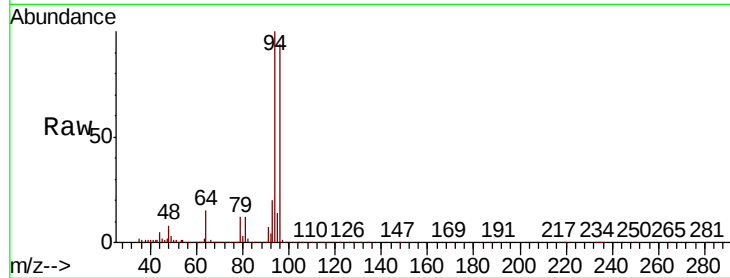
96 93.7 74.5 111.7

Manual Integrations

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#6

Chloroethane

Concen: 73.464 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX004785.D

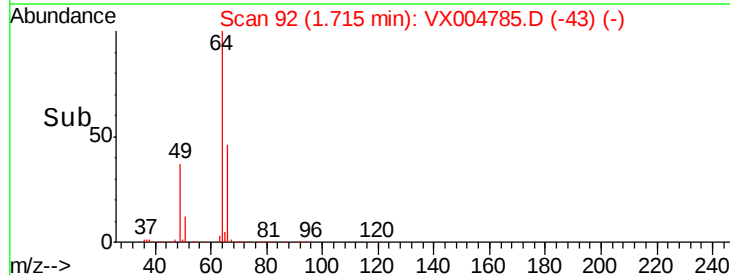
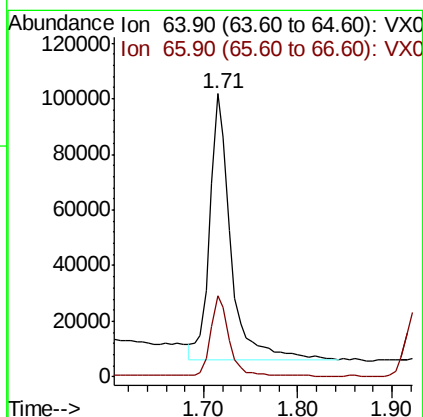
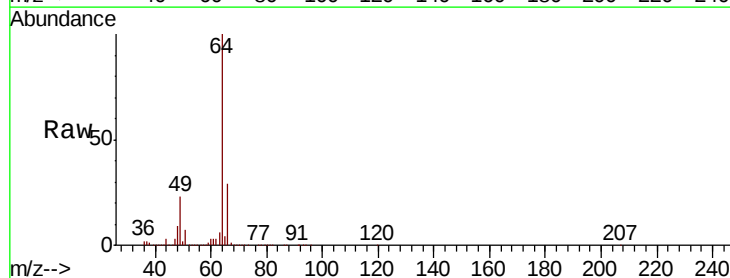
Acq: 27 Sep 2018 20:10

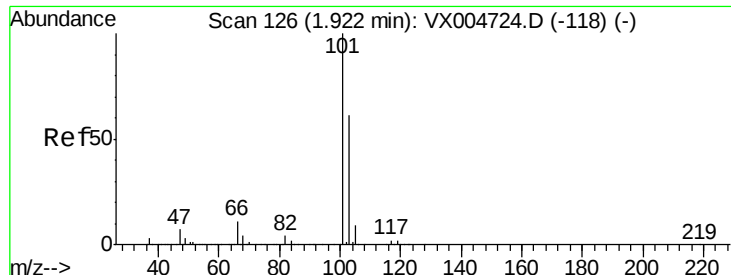
Tgt Ion: 64 Resp: 148730

Ion Ratio Lower Upper

64 100

66 30.0 24.6 36.8





#7

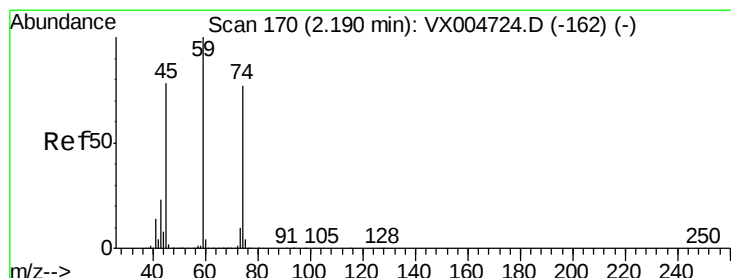
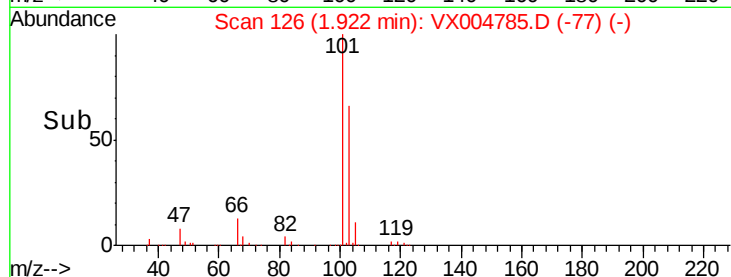
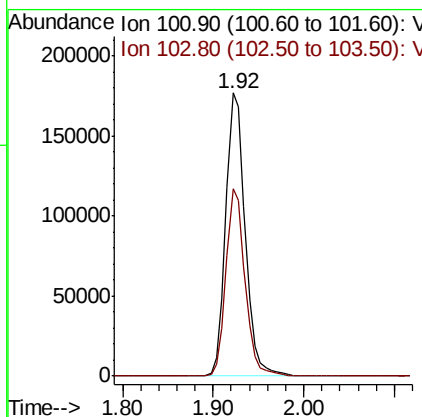
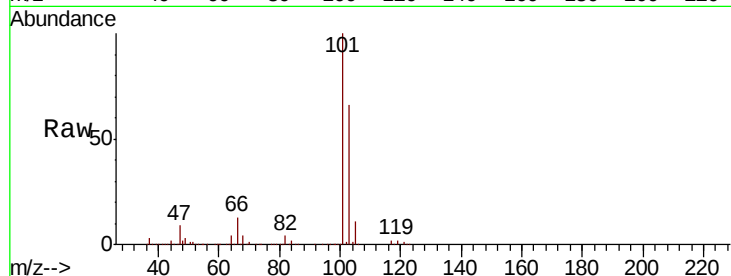
Trichlorofluoromethane
 Concen: 56.469 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.00 min
 Lab File: VX004785.D
 Acq: 27 Sep 2018 20:10

Instrument :
 MSVOA_X
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		263623		
103	66.1	48.9	73.3		

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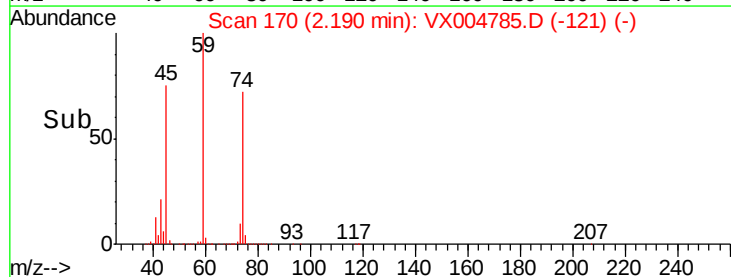
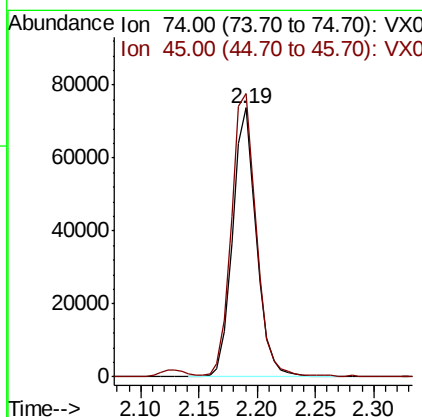
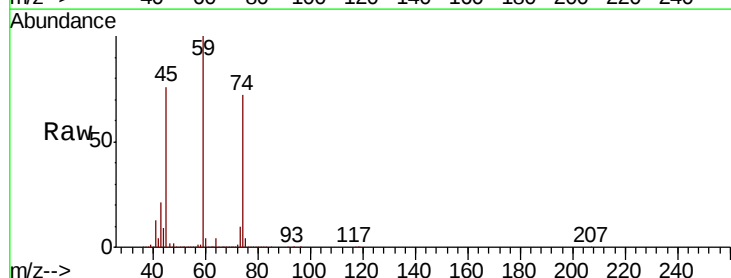
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 9/28/2018 2:26:09 PM

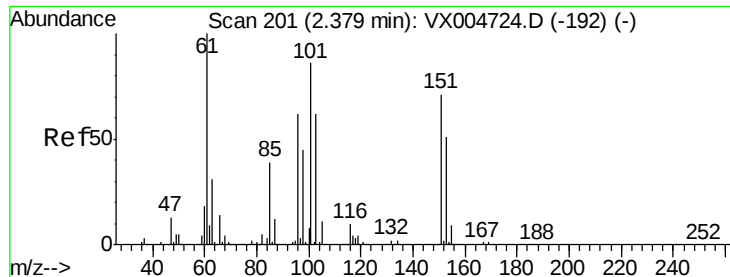


#8

Diethyl Ether
 Concen: 51.863 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX004785.D
 Acq: 27 Sep 2018 20:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		105184		
45	109.5	48.3	144.8		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.475 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX004785.D

Acq: 27 Sep 2018 20:10

Instrument :

MSVOA_X

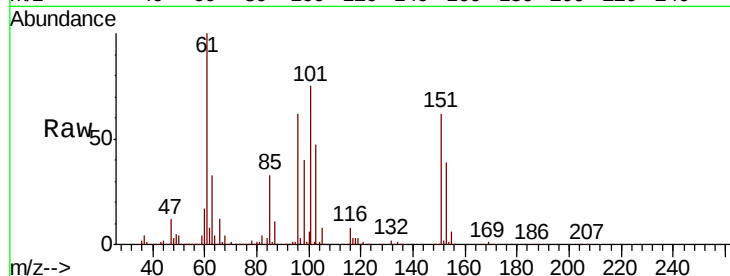
ClientSampleId :

CMT-22-6-SEP18MSD

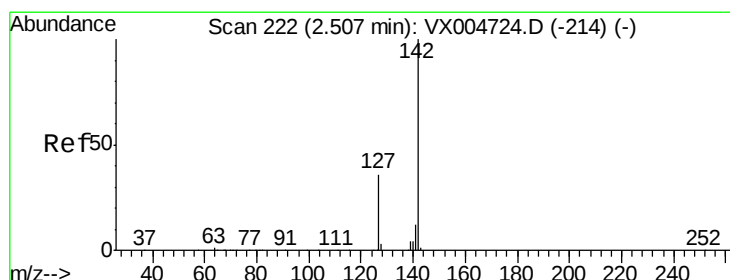
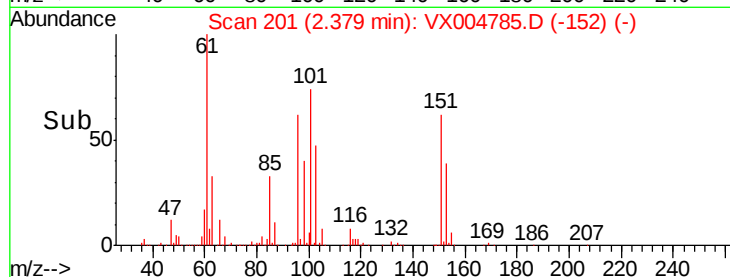
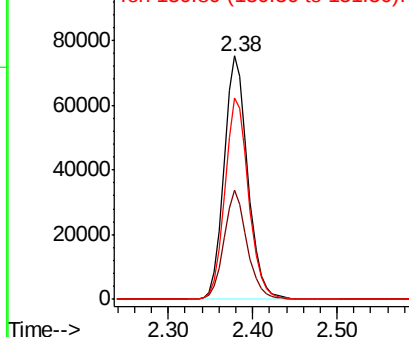
Tot Ion:	101	Resp:	144865
Ion Ratio	Lower	Upper	
101	100		
85	43.5	34.2	51.4
151	82.9	65.0	97.6

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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VX0
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 30.870 ug/l

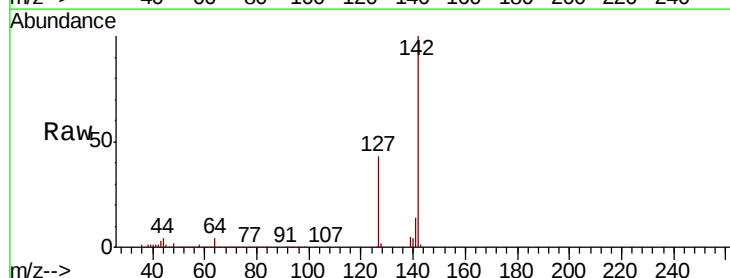
RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

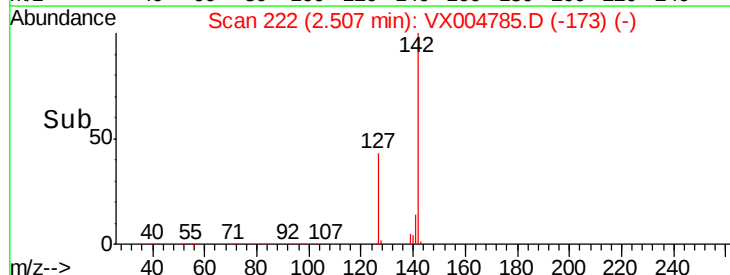
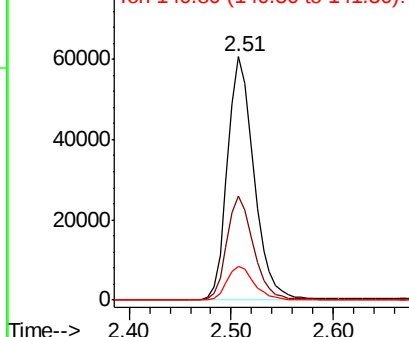
Lab File: VX004785.D

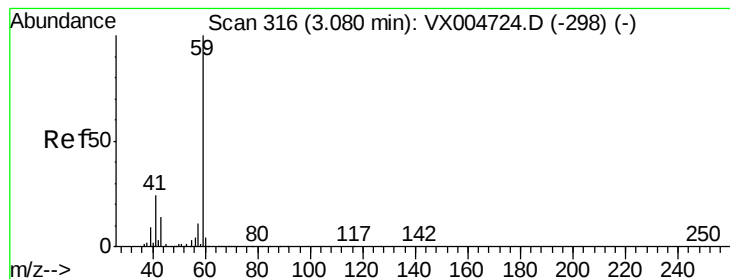
Acq: 27 Sep 2018 20:10

Tgt Ion:	142	Resp:	109851
Ion Ratio	Lower	Upper	
142	100		
127	42.9	33.8	50.6
141	14.1	11.4	17.0



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

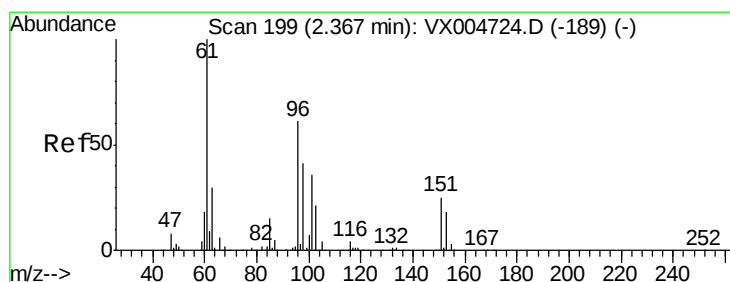
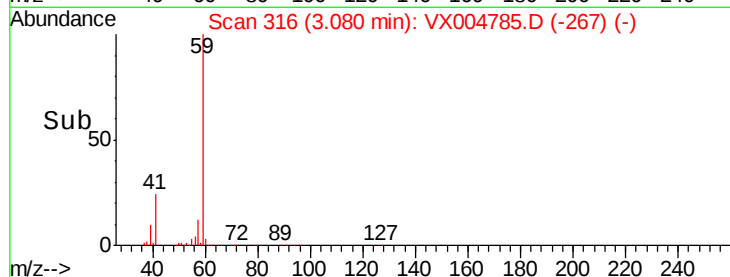
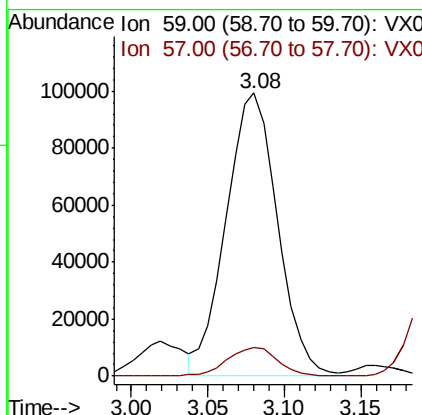
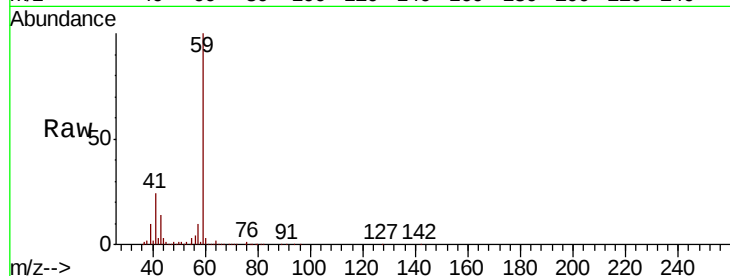
Tert butyl alcohol
 Concen: 239.257 ug/l
 RT: 3.08 min Scan# 316
 Delta R.T. -0.00 min
 Lab File: VX004785.D
 Acq: 27 Sep 2018 20:10

Instrument :
 MSVOA_X
 ClientSampleId :
 CMT-22-6-SEP18MSD

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.8	8.2	12.4

Manual Integrations
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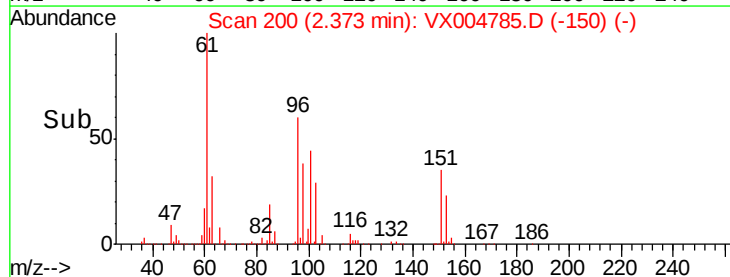
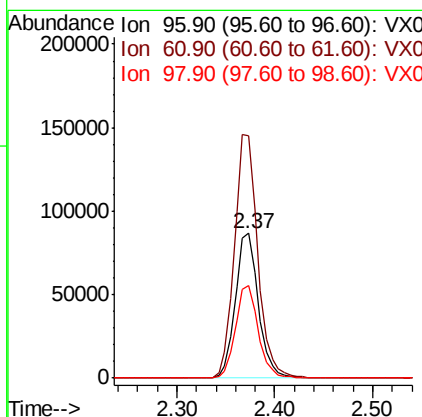
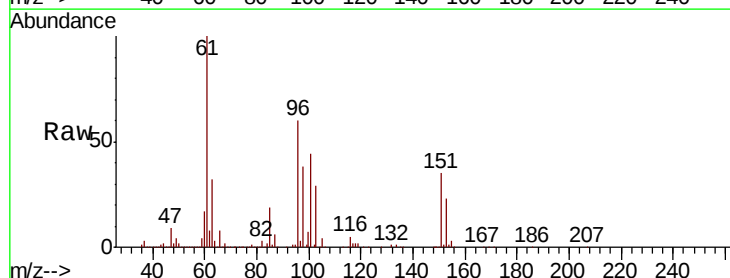
MMDadoda
 9/28/2018 2:26:09 PM

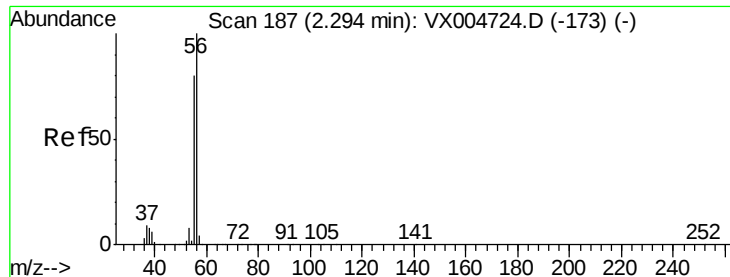


#12

1,1-Dichloroethene
 Concen: 53.913 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.01 min
 Lab File: VX004785.D
 Acq: 27 Sep 2018 20:10

Tgt Ion	Ratio	Lower	Upper
96	100		
61	167.7	128.8	193.2
98	64.2	52.2	78.2





#13

Acrolein

Concen: 229.249 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX004785.D

Acq: 27 Sep 2018 20:10

Instrument :

MSVOA_X

ClientSampleId :

CMT-22-6-SEP18MSD

Tot Ion: 56 Resp: 158349

Ion Ratio Lower Upper

56 100

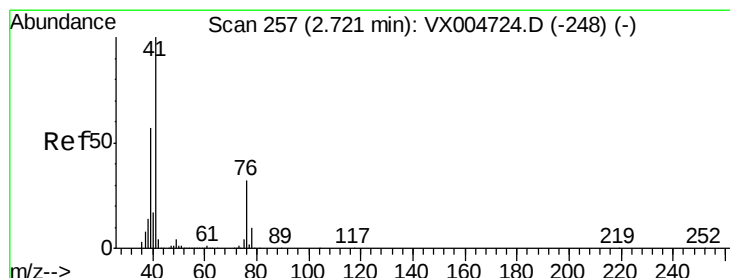
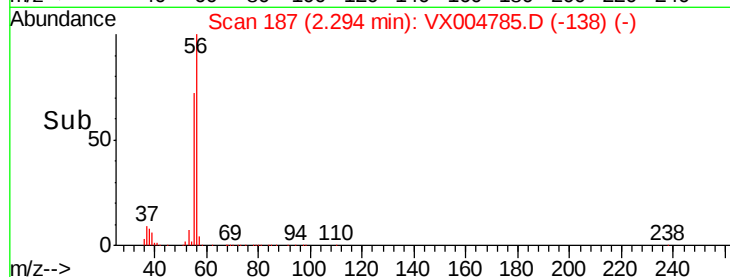
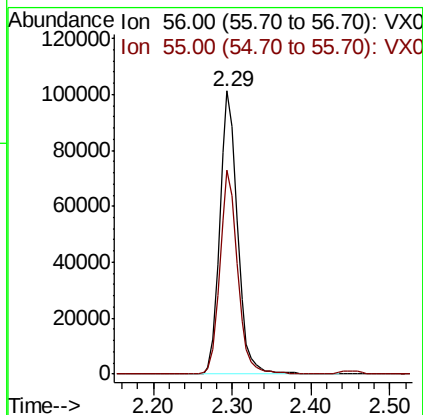
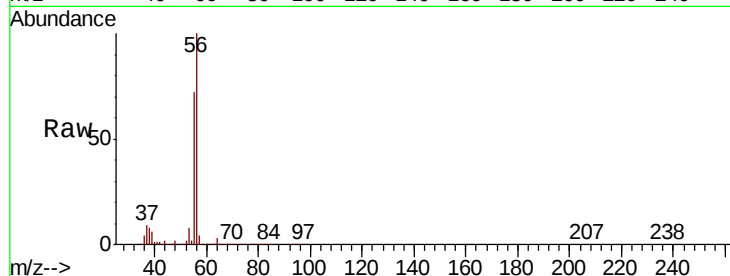
55 71.4 54.7 82.1

Manual Integrations

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#14

Allyl chloride

Concen: 54.368 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.01 min

Lab File: VX004785.D

Acq: 27 Sep 2018 20:10

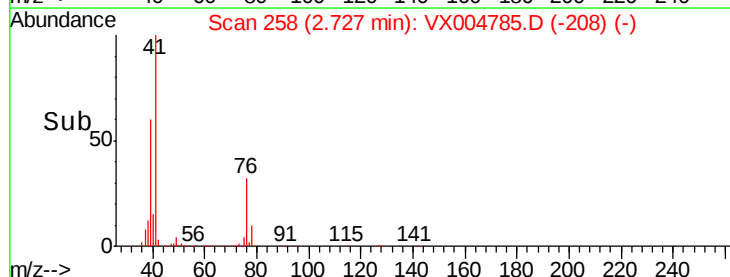
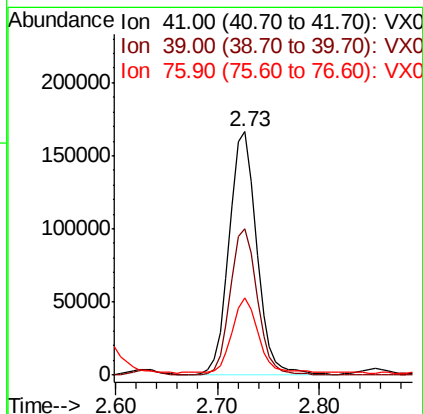
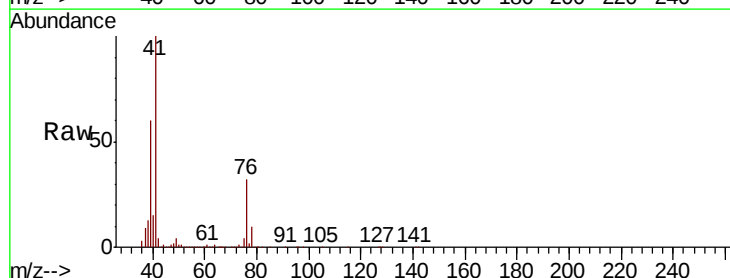
Tgt Ion: 41 Resp: 312412

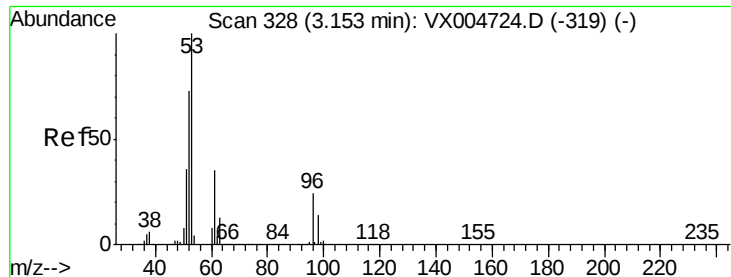
Ion Ratio Lower Upper

41 100

39 58.3 48.9 73.3

76 30.6 26.7 40.1





#15

Acrylonitrile

Concen: 262.570 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX004785.D

Acq: 27 Sep 2018 20:10

Instrument :

MSVOA_X

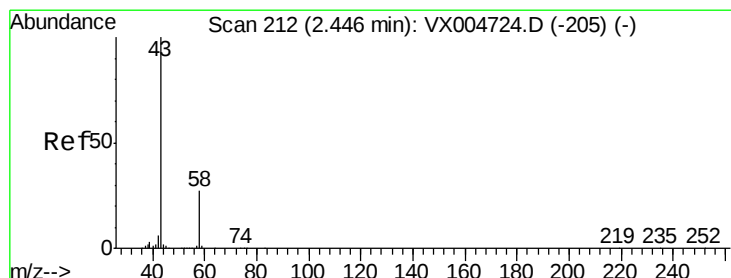
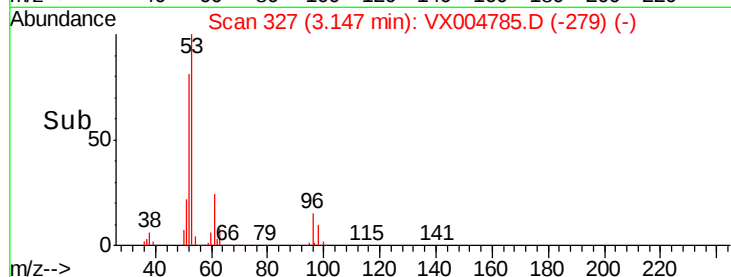
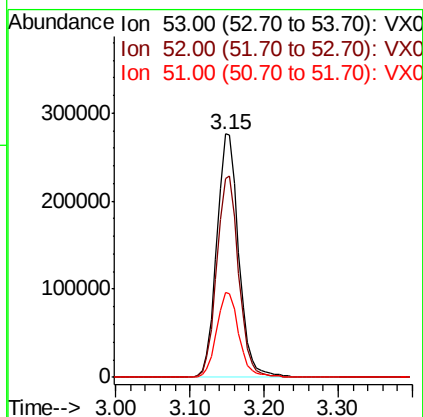
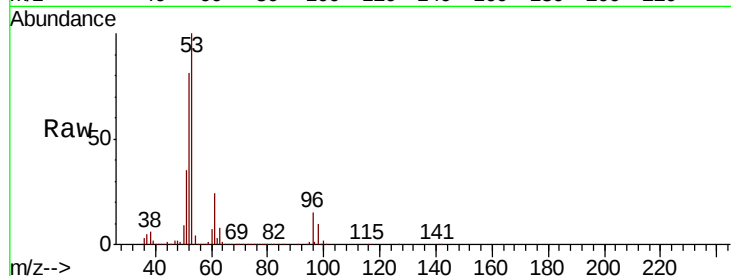
ClientSampleId :

CMT-22-6-SEP18MSD

Tot Ion:	53	Resp:	561146
Ion	Ratio	Lower	Upper
53	100		
52	82.7	65.2	97.8
51	35.2	28.2	42.2

Manual Integrations
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#16

Acetone

Concen: 238.686 ug/l

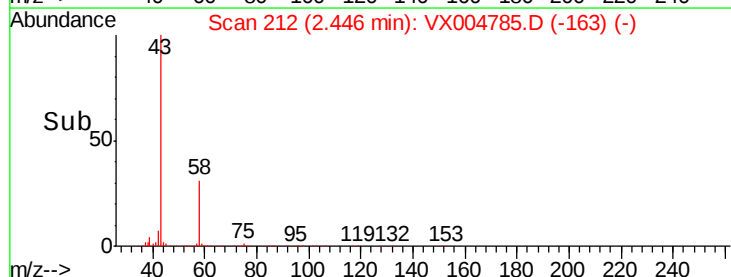
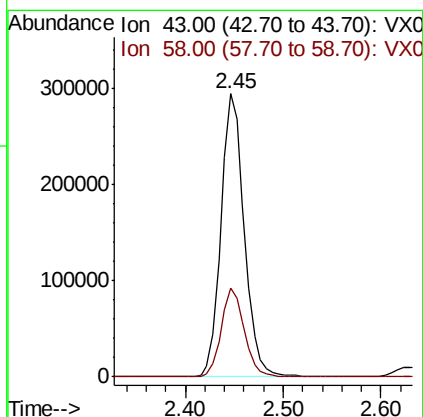
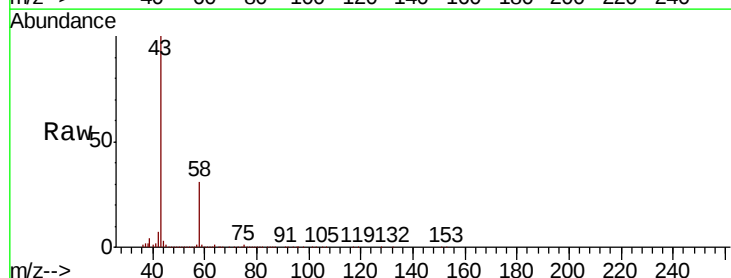
RT: 2.45 min Scan# 212

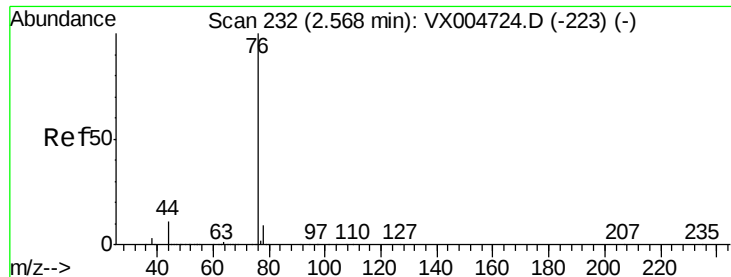
Delta R.T. -0.00 min

Lab File: VX004785.D

Acq: 27 Sep 2018 20:10

Tgt Ion:	43	Resp:	483826
Ion	Ratio	Lower	Upper
43	100		
58	31.2	26.2	39.4





#17

Carbon Disulfide

Concen: 55.324 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX004785.D

Acq: 27 Sep 2018 20:10

Instrument :

MSVOA_X

ClientSampleId :

CMT-22-6-SEP18MSD

Tot Ion: 76 Resp: 437810

Ion Ratio Lower Upper

76 100

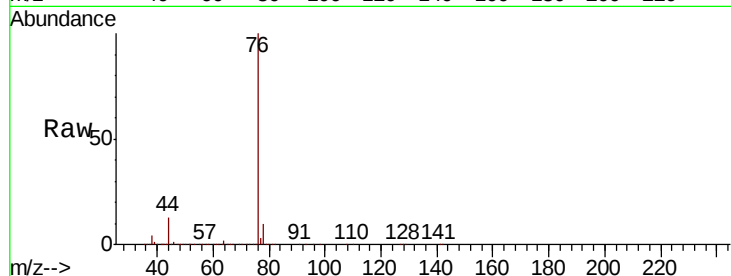
78 9.5 7.0 10.6

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

250000

200000

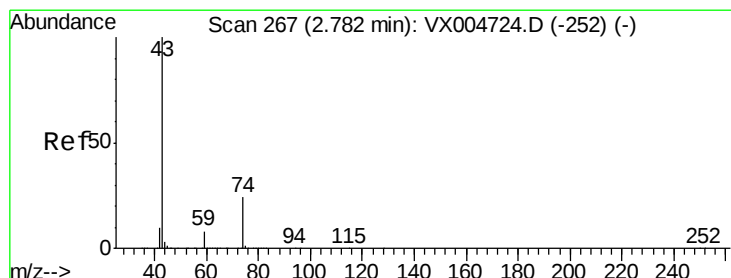
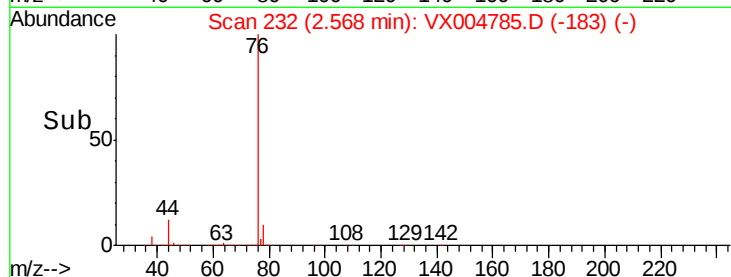
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 50.322 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX004785.D

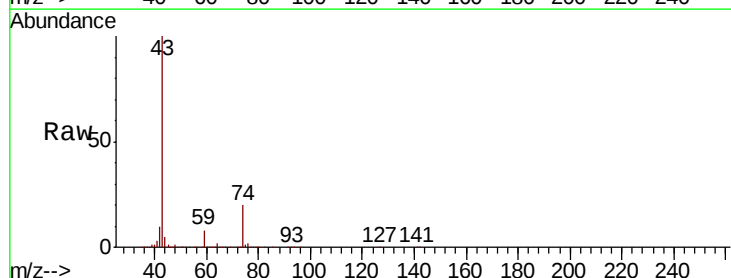
Acq: 27 Sep 2018 20:10

Tgt Ion: 43 Resp: 258439

Ion Ratio Lower Upper

43 100

74 21.1 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

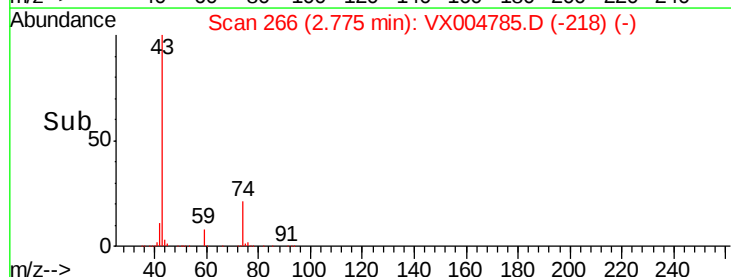
150000

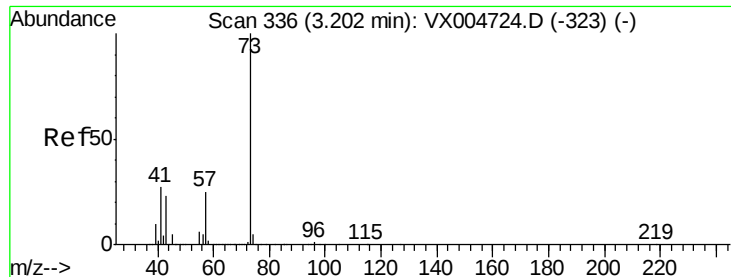
100000

50000

0

Time-->





#19

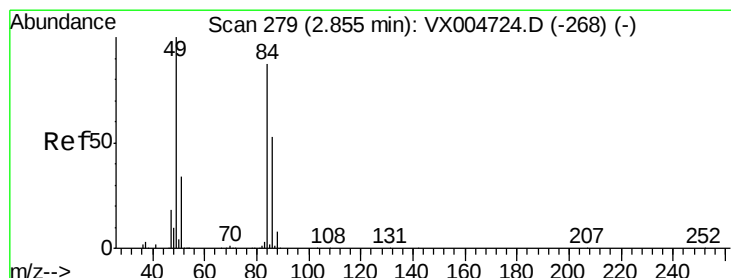
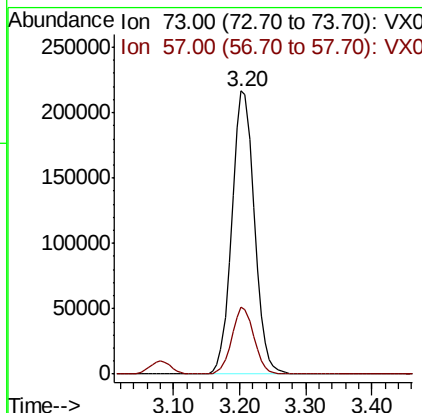
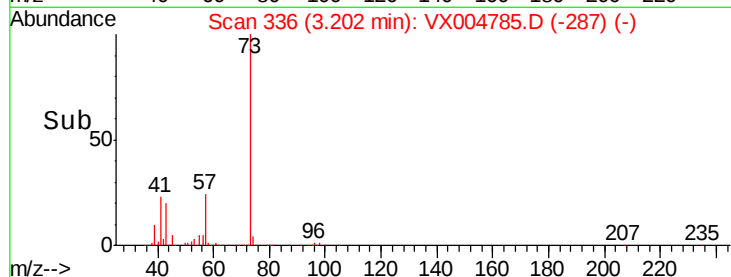
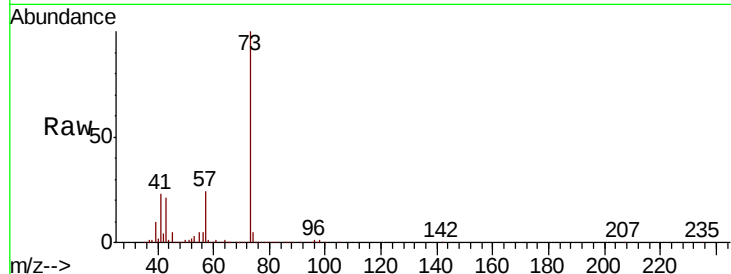
Methyl tert-butyl Ether
 Concen: 56.243 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. -0.00 min
 Lab File: VX004785.D
 Acq: 27 Sep 2018 20:10

Instrument :
 MSVOA_X
 ClientSampleId :
 CMT-22-6-SEP18MSD

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.6	17.1	25.7

Manual Integrations
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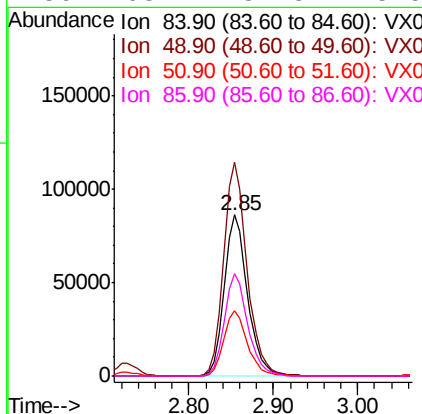
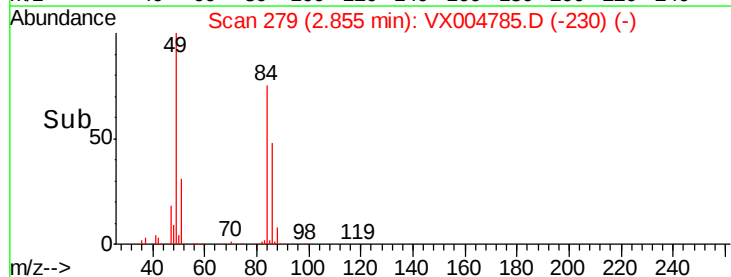
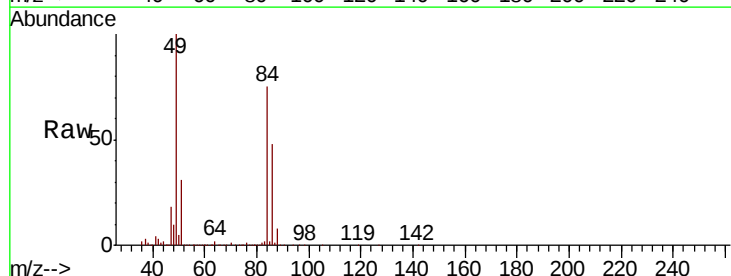
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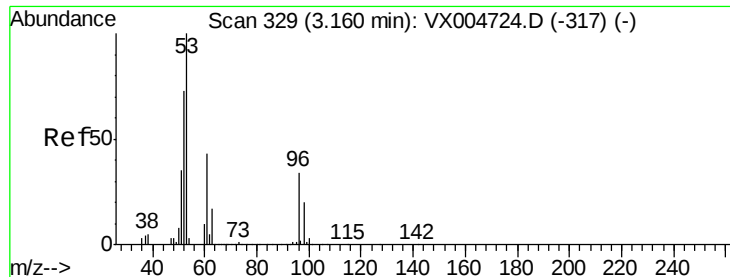


#20

Methylene Chloride
 Concen: 55.633 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: VX004785.D
 Acq: 27 Sep 2018 20:10

Tgt Ion	Ratio	Lower	Upper
84	100		
49	132.4	101.2	151.8
51	40.7	29.5	44.3
86	63.4	52.3	78.5





#21

trans-1,2-Dichloroethene

Concen: 52.651 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX004785.D

Acq: 27 Sep 2018 20:10

Instrument :

MSVOA_X

ClientSampleId :

CMT-22-6-SEP18MSD

Tot Ion: 96 Resp: 151789

Ion Ratio Lower Upper

96 100

61 150.8 113.8 170.6

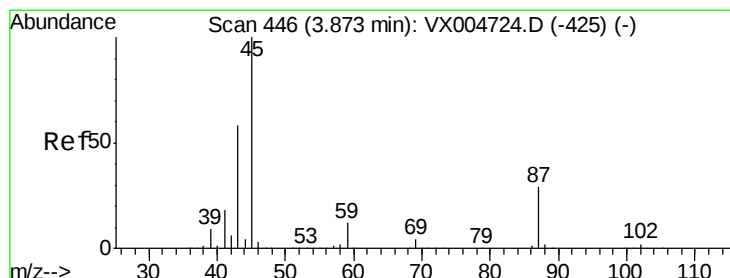
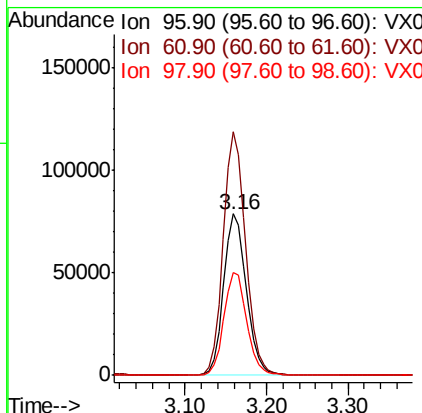
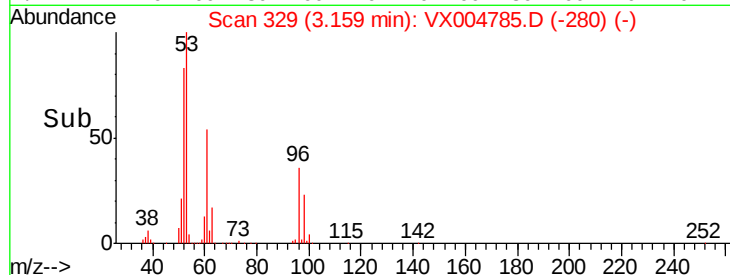
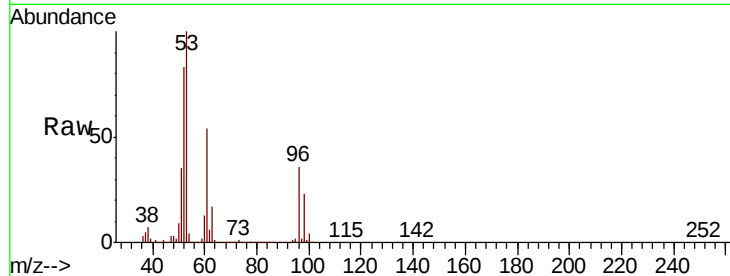
98 64.0 51.8 77.8

Manual Integrations

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#22

Diisopropyl ether

Concen: 55.318 ug/l

RT: 3.87 min Scan# 446

Delta R.T. -0.00 min

Lab File: VX004785.D

Acq: 27 Sep 2018 20:10

Tgt Ion: 45 Resp: 535260

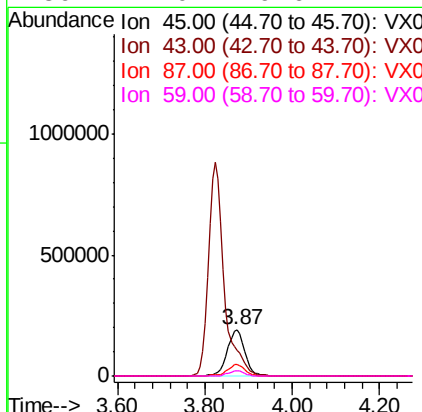
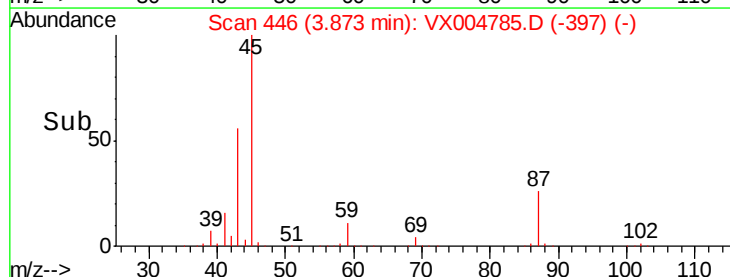
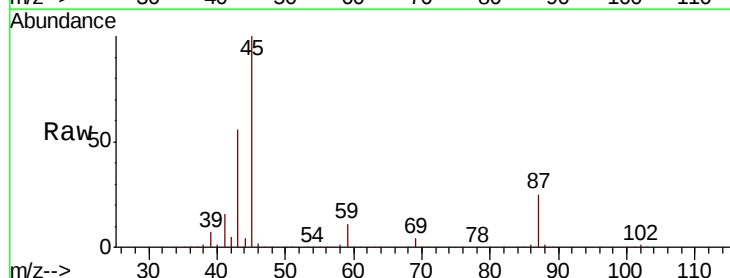
Ion Ratio Lower Upper

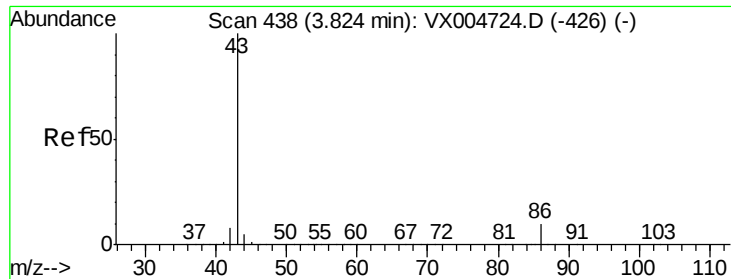
45 100

43 56.3 42.8 64.2

87 25.5 22.6 34.0

59 11.0 9.6 14.4





#23

Vinyl Acetate

Concen: 255.003 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX004785.D

Acq: 27 Sep 2018 20:10

Instrument :

MSVOA_X

ClientSampleId :

CMT-22-6-SEP18MSD

Tot Ion: 43 Resp: 2258599

Ion Ratio Lower Upper

43 100

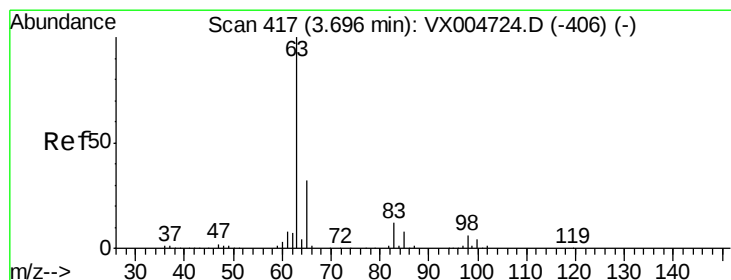
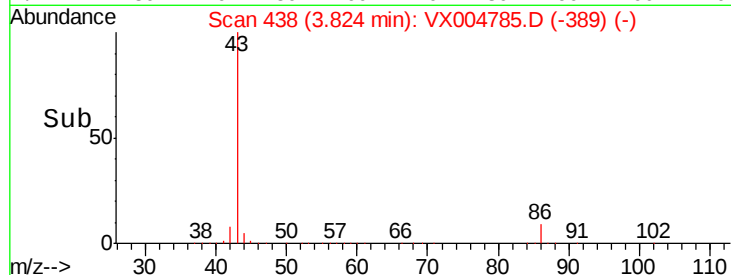
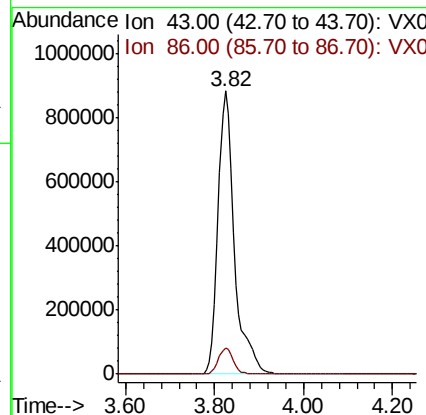
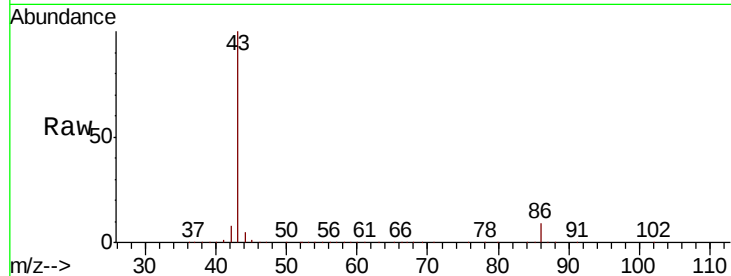
86 9.4 8.9 13.3

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 49.596 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX004785.D

Acq: 27 Sep 2018 20:10

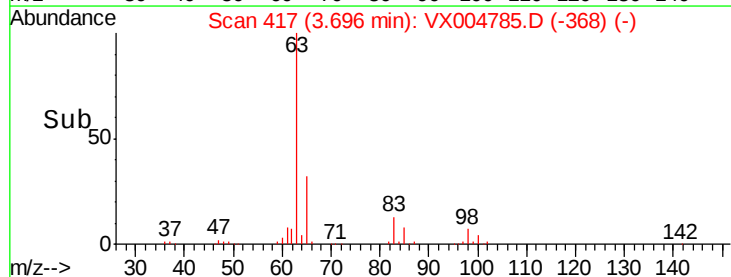
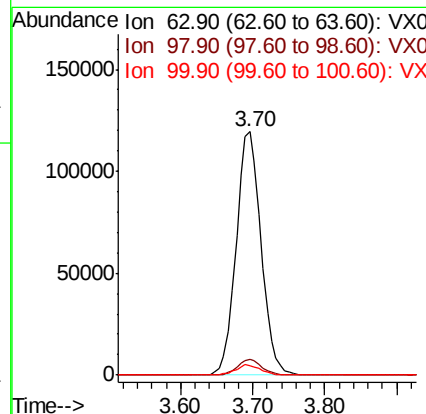
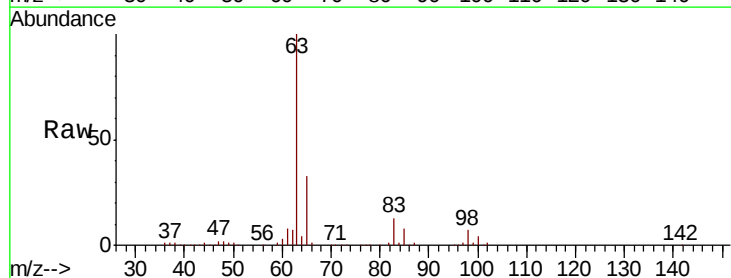
Tgt Ion: 63 Resp: 286263

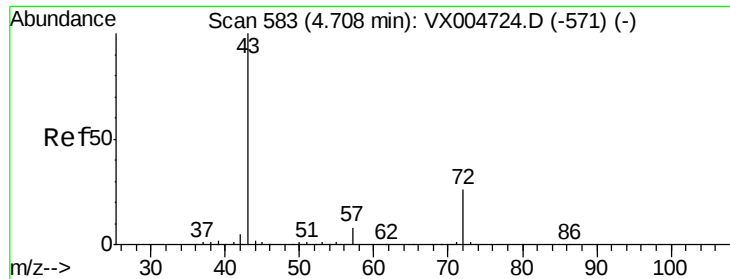
Ion Ratio Lower Upper

63 100

98 6.6 3.5 10.4

100 4.0 2.4 7.1





#25

2-Butanone

Concen: 250.386 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX004785.D

Acq: 27 Sep 2018 20:10

Instrument :

MSVOA_X

ClientSampleId :

CMT-22-6-SEP18MSD

Tot Ion: 43 Resp: 748132

Ion Ratio Lower Upper

43 100

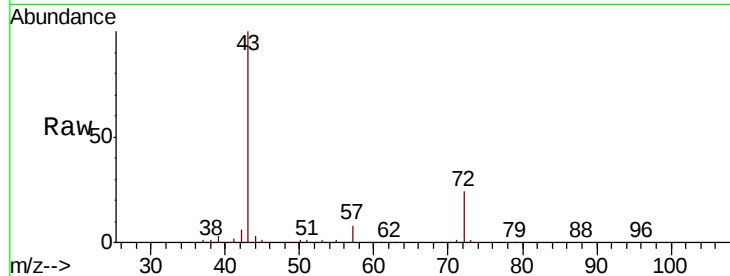
72 24.0 22.0 33.0

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

300000

250000

200000

150000

100000

50000

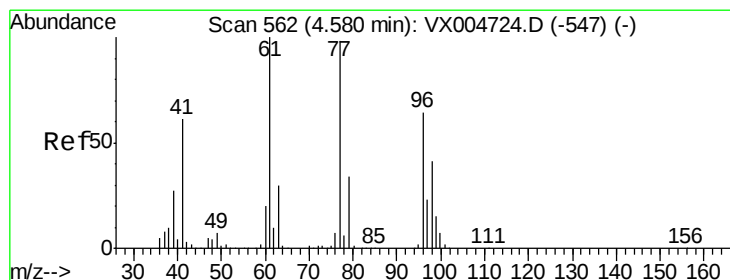
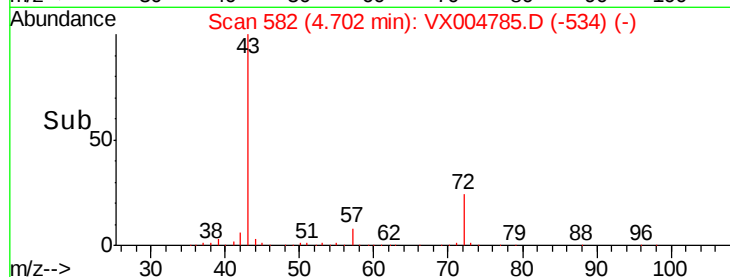
0

4.60

4.70

4.80

Time-->



#26

2,2-Dichloropropane

Concen: 44.919 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX004785.D

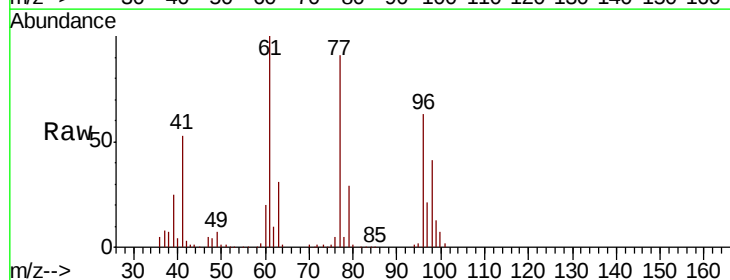
Acq: 27 Sep 2018 20:10

Tgt Ion: 77 Resp: 180544

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

60000

40000

20000

0

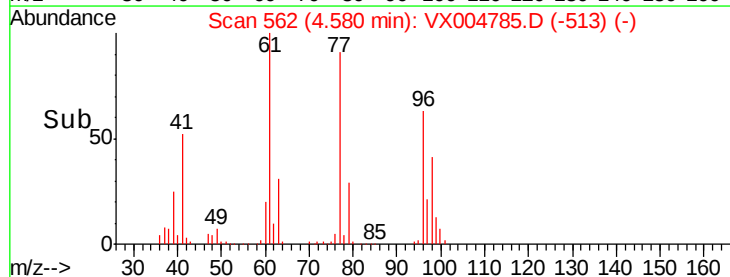
4.40

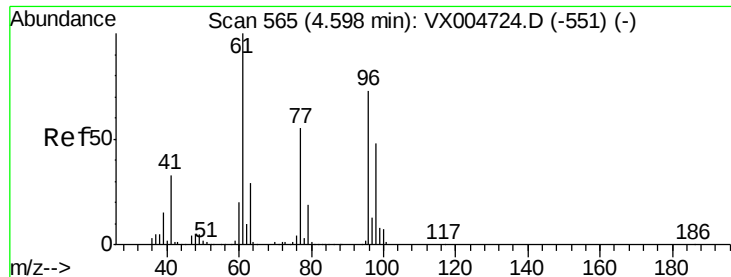
4.50

4.60

4.70

Time-->





#27

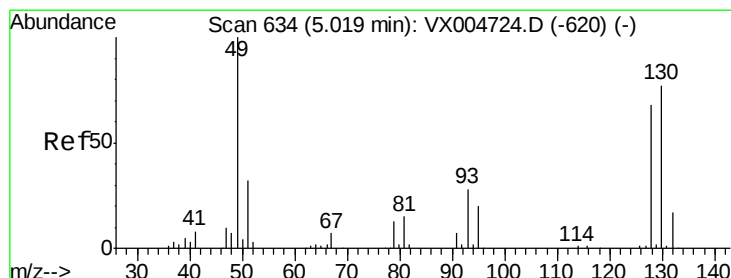
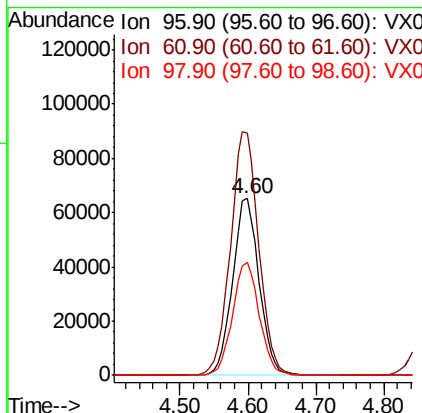
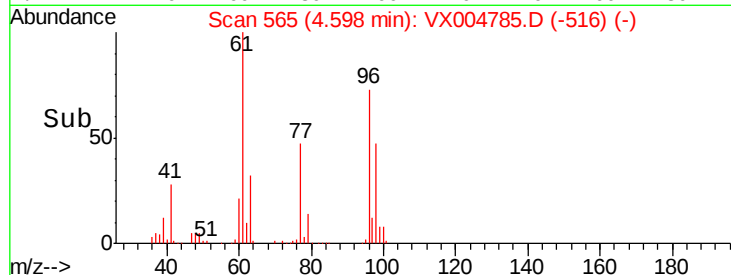
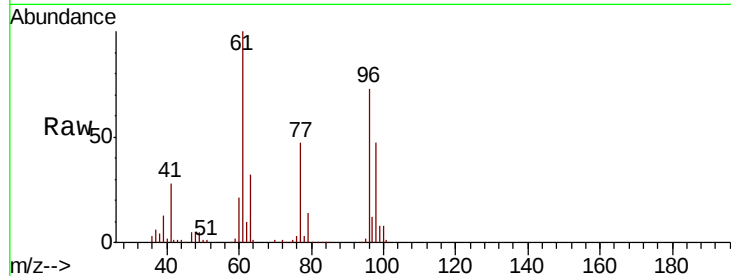
cis-1,2-Dichloroethene
 Concen: 54.770 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX004785.D
 Acq: 27 Sep 2018 20:10

Instrument :
 MSVOA_X
 ClientSampleId :
 CMT-22-6-SEP18MSD

Tot Ion	Ratio	Resp	Lower	Upper
96	100	176392		
61	146.3	0.0	282.6	
98	64.5	0.0	130.2	

Manual Integrations
 APPROVED

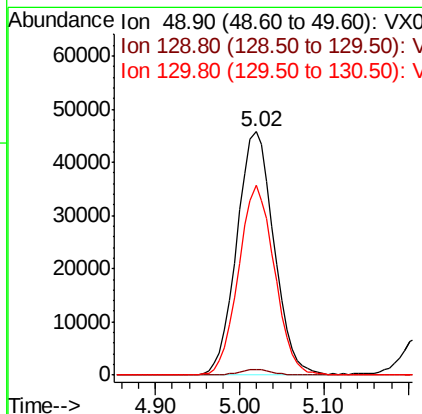
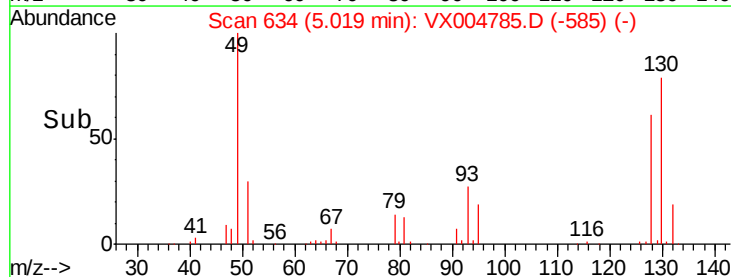
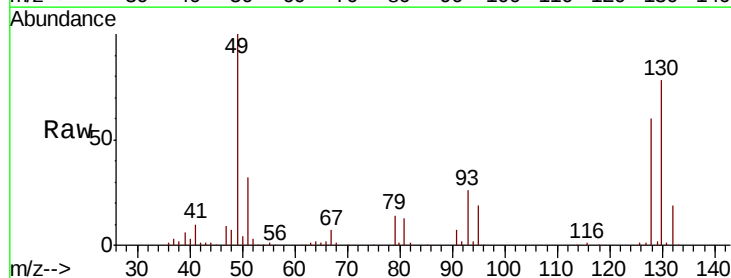
MMDadoda
 9/28/2018 2:26:09 PM

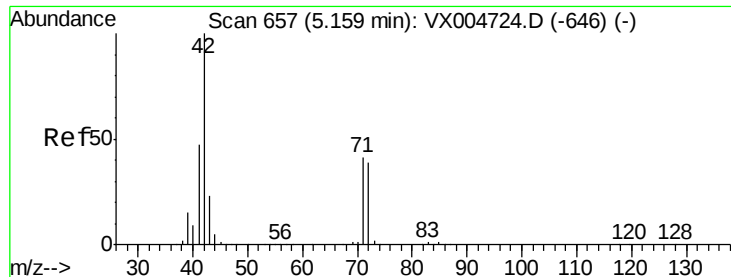


#28

Bromochloromethane
 Concen: 50.395 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: VX004785.D
 Acq: 27 Sep 2018 20:10

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	136976		
129	2.0	0.0	4.2	
130	75.3	67.5	101.3	





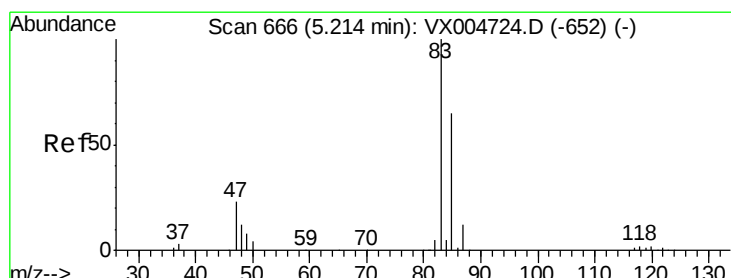
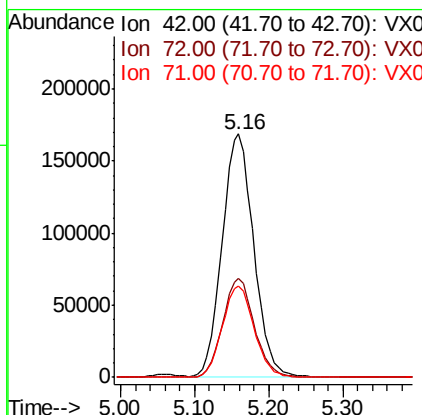
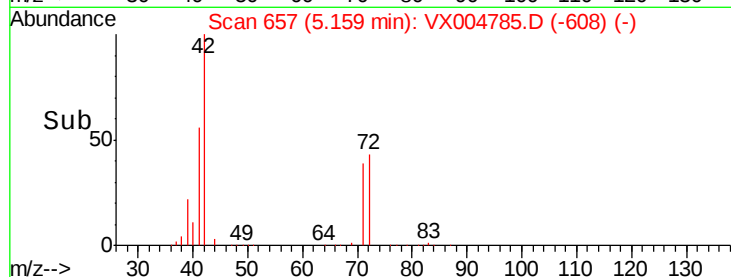
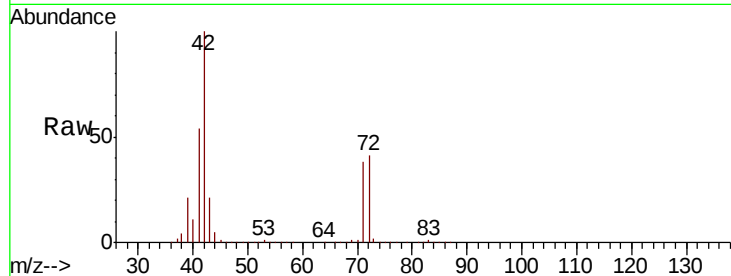
#29
Tetrahydrofuran
Concen: 267.770 ug/l
RT: 5.16 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX004785.D
Acq: 27 Sep 2018 20:10

Instrument :
MSVOA_X
ClientSampleId :
CMT-22-6-SEP18MSD

Tot Ion:	42	Resp:	497275
Ion Ratio	Lower	Upper	
42	100		
72	40.9	37.4	56.0
71	38.0	34.5	51.7

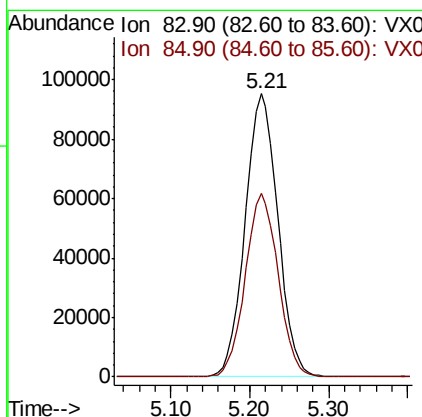
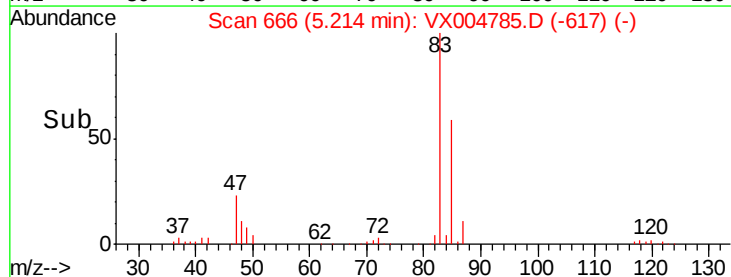
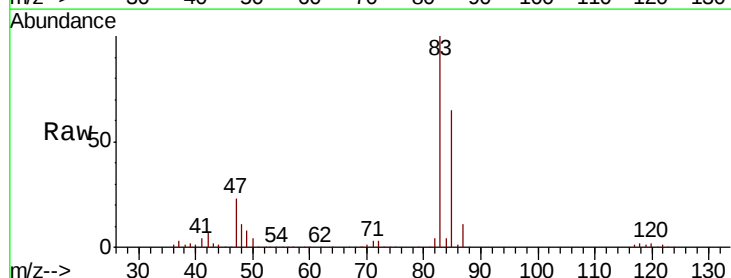
Manual Integrations
APPROVED

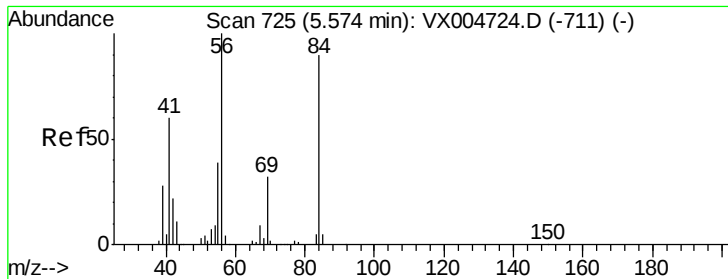
MMDadoda
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#30
Chloroform
Concen: 50.512 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX004785.D
Acq: 27 Sep 2018 20:10

Tgt Ion:	83	Resp:	275544
Ion Ratio	Lower	Upper	
83	100		
85	64.9	52.6	79.0





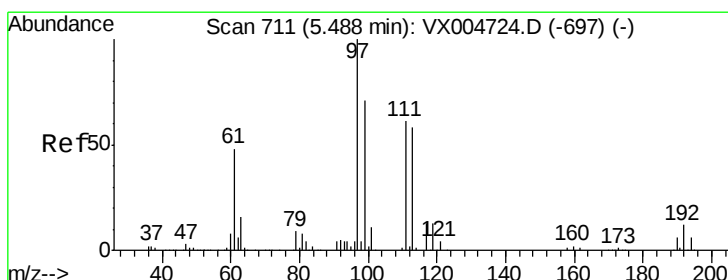
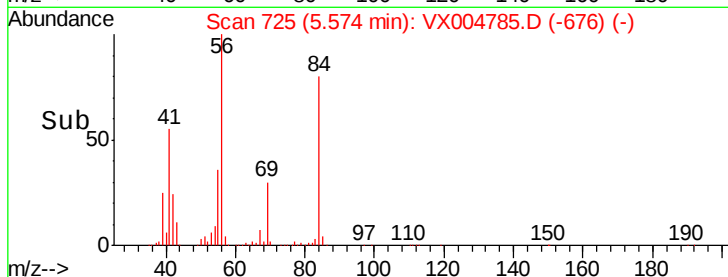
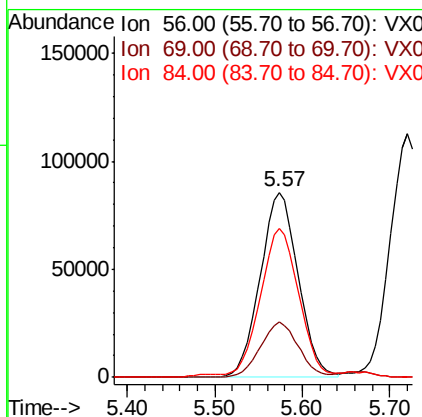
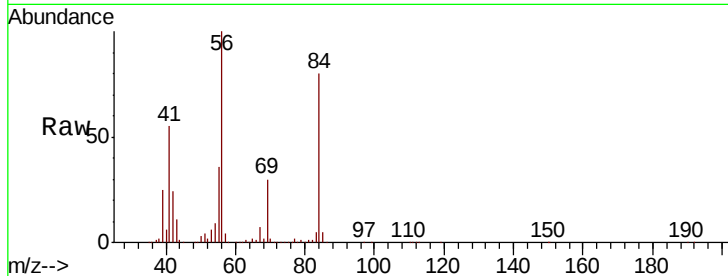
#31
Cyclohexane
Concen: 58.783 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX004785.D
Acq: 27 Sep 2018 20:10

Instrument :
MSVOA_X
ClientSampleId :
CMT-22-6-SEP18MSD

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.9	25.4	38.2
84	79.5	71.4	107.2

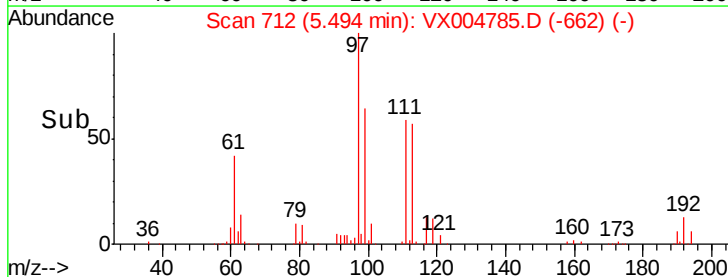
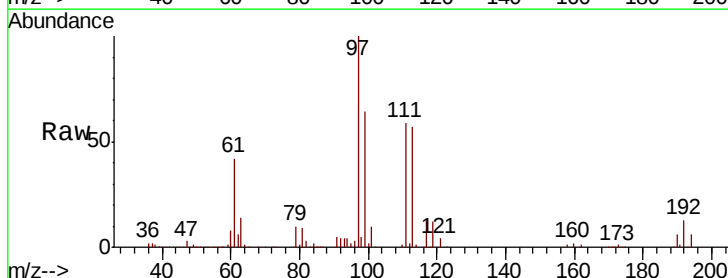
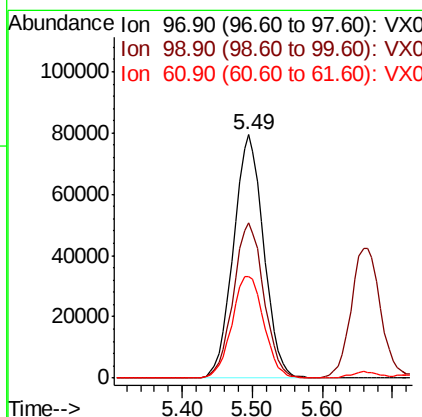
Manual Integrations
APPROVED

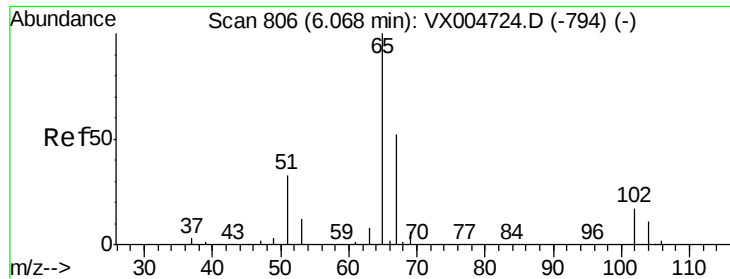
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#32
1,1,1-Trichloroethane
Concen: 53.447 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.01 min
Lab File: VX004785.D
Acq: 27 Sep 2018 20:10

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	52.0	78.0
61	44.2	34.9	52.3





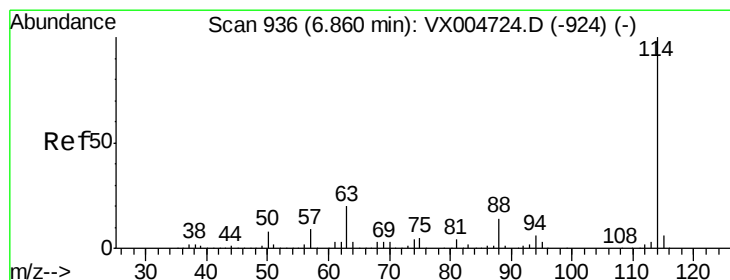
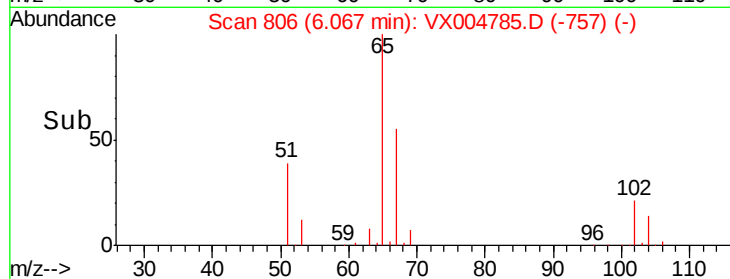
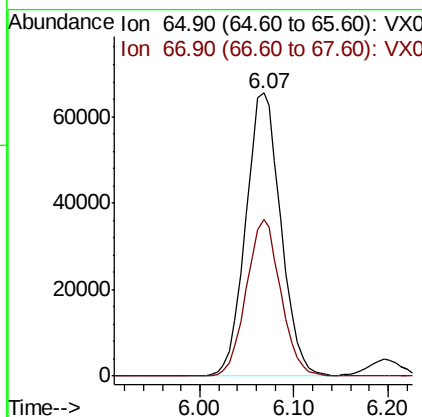
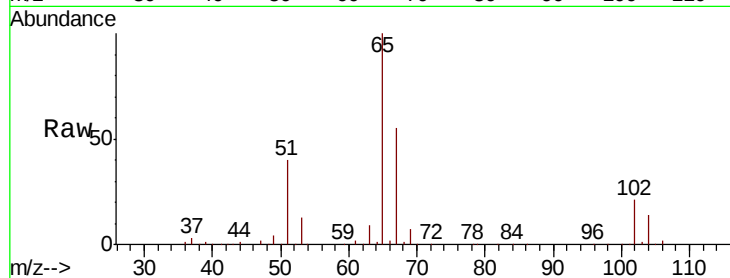
#33
 1,2-Dichloroethane-d4
 Concen: 49.334 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX004785.D
 Acq: 27 Sep 2018 20:10

Instrument :
 MSVOA_X
 ClientSampleId :
 CMT-22-6-SEP18MSD

Tot Ion	Ratio	Lower	Upper
65	100		
67	54.3	0.0	106.8

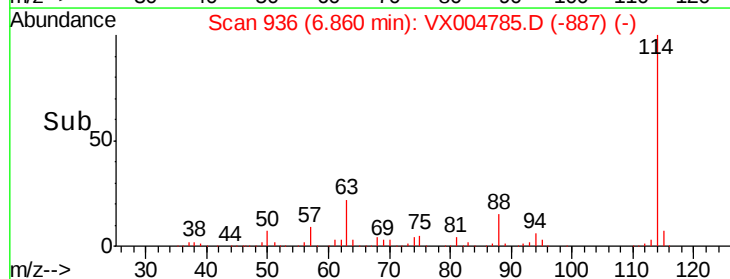
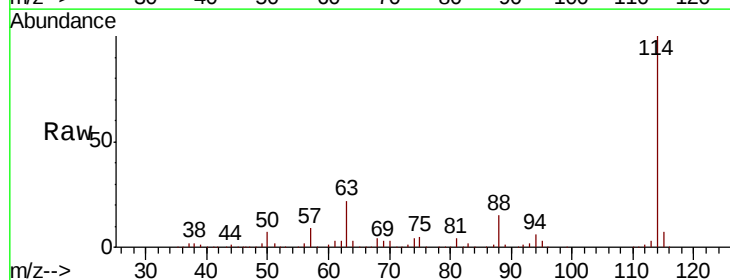
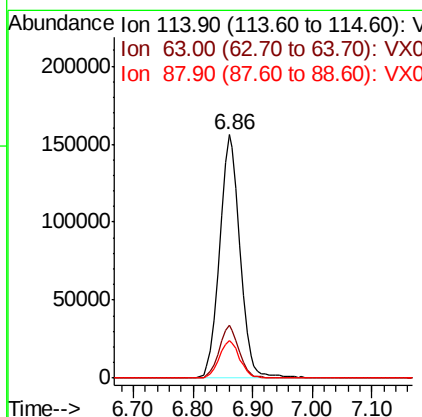
Manual Integrations
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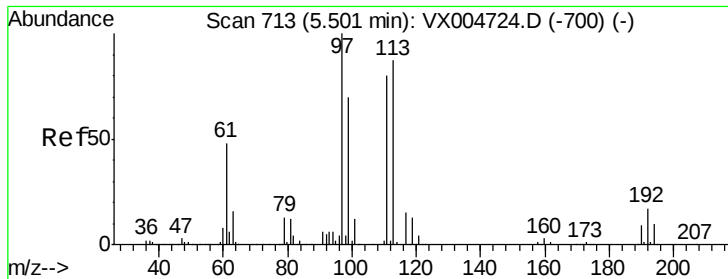
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 9/28/2018 2:26:09 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX004785.D
 Acq: 27 Sep 2018 20:10

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	39.0
88	15.3	0.0	30.4





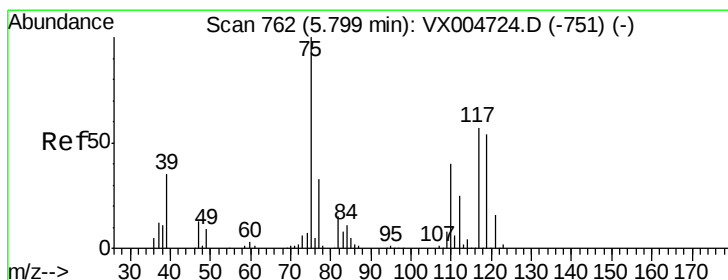
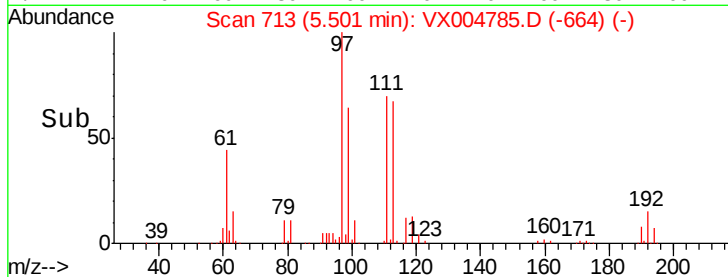
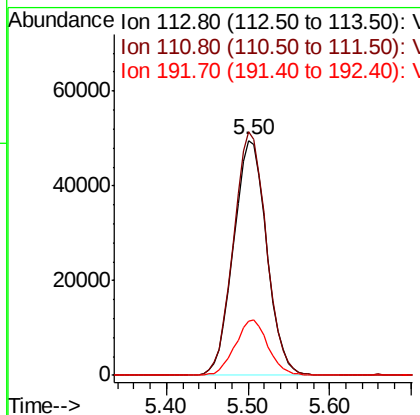
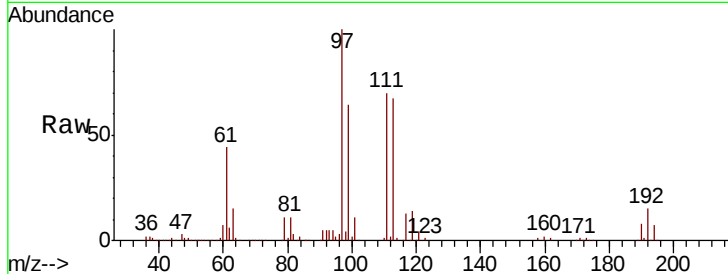
#35
 Dibromofluoromethane
 Concen: 44.401 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX004785.D
 Acq: 27 Sep 2018 20:10

Instrument :
 MSVOA_X
 ClientSampleId :
 CMT-22-6-SEP18MSD

Tot Ion	Ratio	Resp	Lower	Upper
113	100	139762		
111	102.5	82.4	123.6	
192	23.3	19.4	29.2	

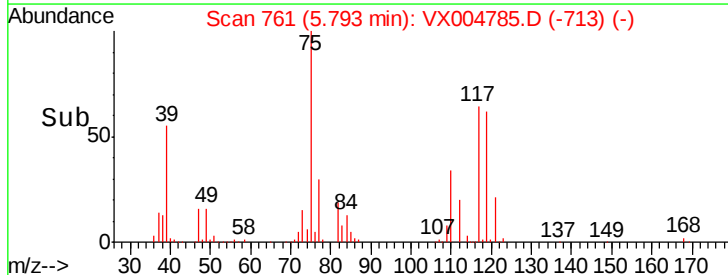
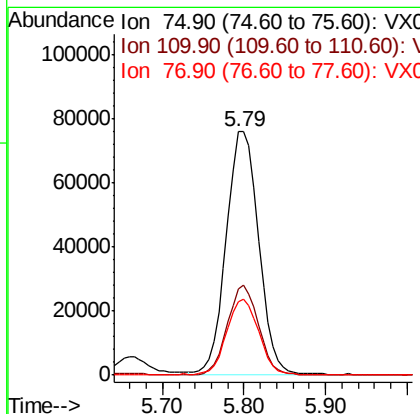
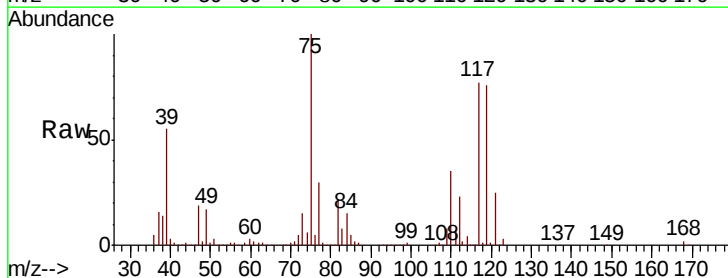
Manual Integrations
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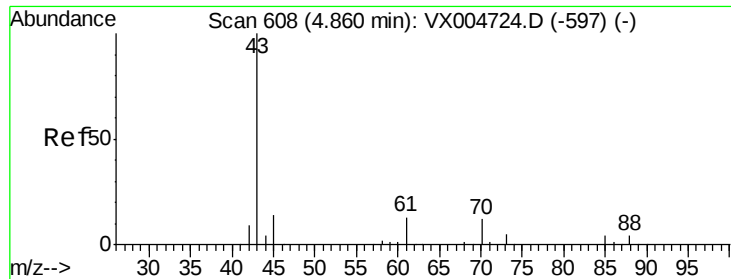
MMDadoda
 9/28/2018 2:26:09 PM



#36
 1,1-Dichloropropene
 Concen: 48.540 ug/l
 RT: 5.79 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: VX004785.D
 Acq: 27 Sep 2018 20:10

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	208460		
110	35.8	18.0	54.0	
77	30.9	24.6	36.8	





#37

Ethyl Acetate

Concen: 45.195 ug/l

RT: 4.86 min Scan# 608

Delta R.T. -0.00 min

Lab File: VX004785.D

Acq: 27 Sep 2018 20:10

Instrument :

MSVOA_X

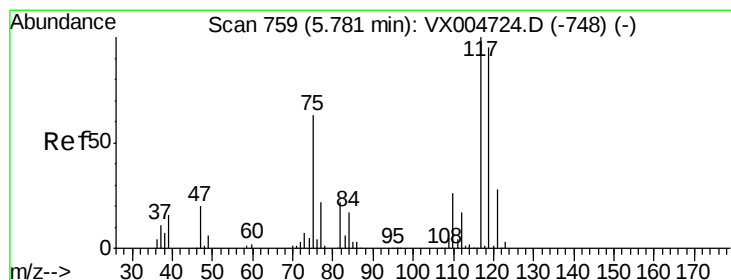
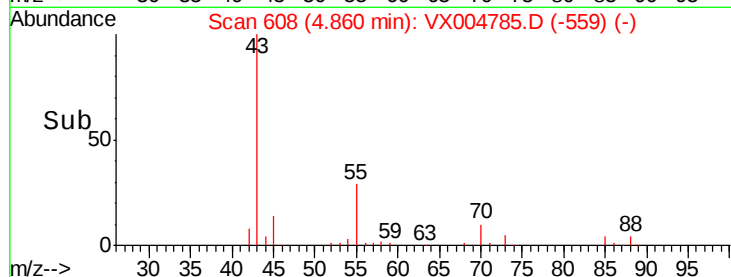
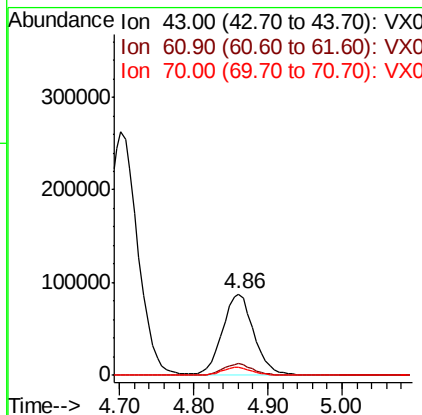
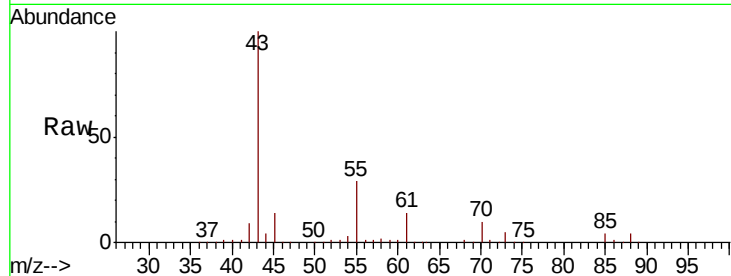
ClientSampleId :

CMT-22-6-SEP18MSD

Tot Ion:	43	Resp:	257642
Ion	Ratio	Lower	Upper
43	100		
61	13.6	11.5	17.3
70	9.7	9.0	13.6

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 46.466 ug/l

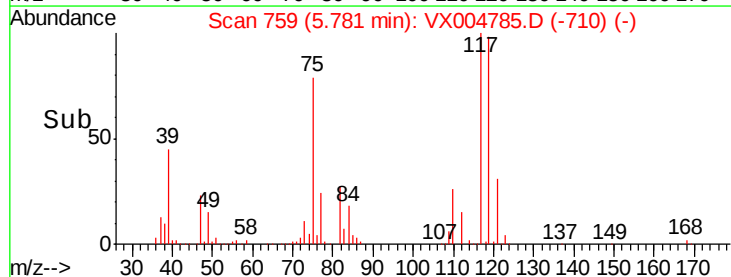
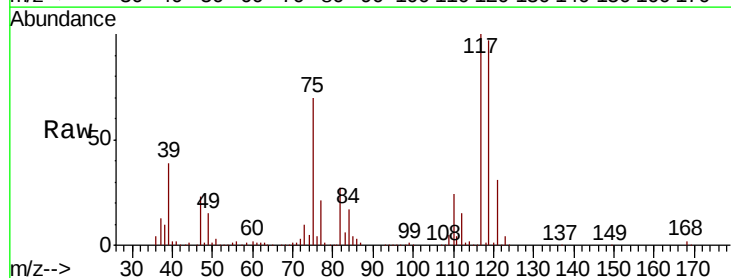
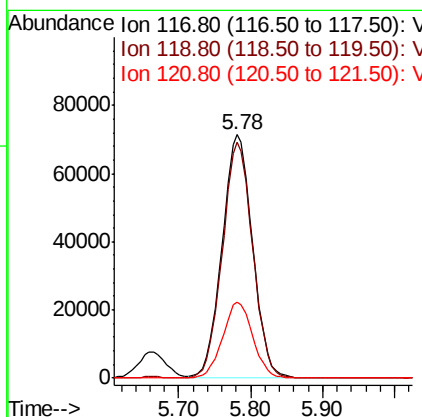
RT: 5.78 min Scan# 759

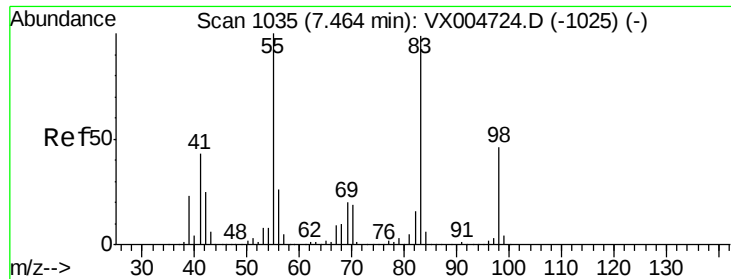
Delta R.T. -0.00 min

Lab File: VX004785.D

Acq: 27 Sep 2018 20:10

Tgt Ion:	117	Resp:	209767
Ion	Ratio	Lower	Upper
117	100		
119	97.0	78.8	118.2
121	31.2	24.9	37.3





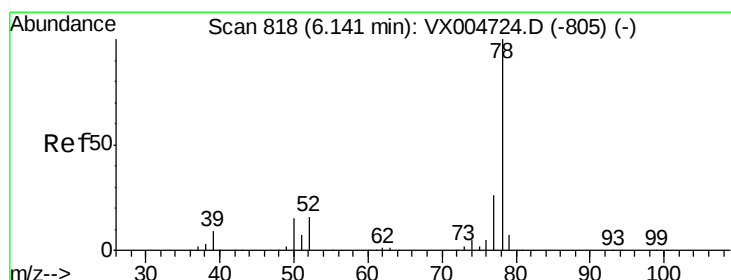
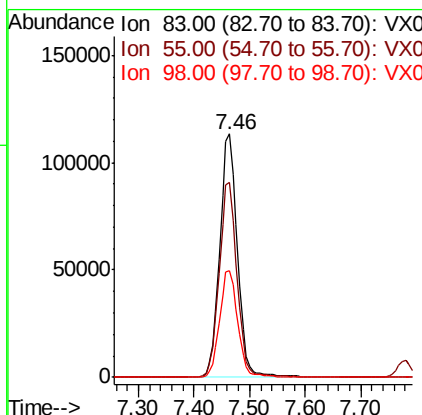
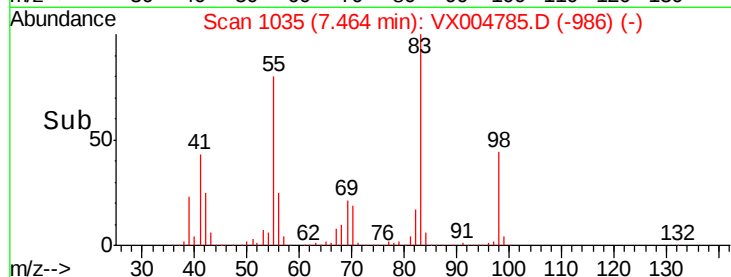
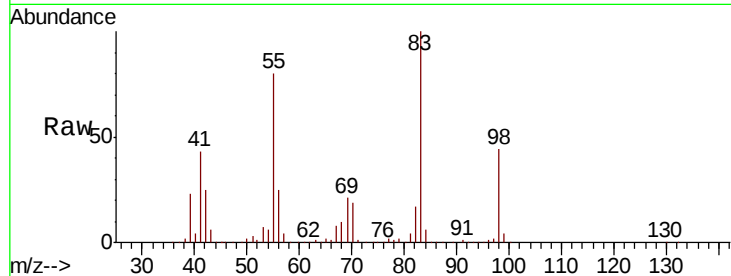
#39
Methvlcvclohexane
Concen: 56.923 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX004785.D
Acq: 27 Sep 2018 20:10

Instrument :
MSVOA_X
ClientSampleId :
CMT-22-6-SEP18MSD

Tot Ion	Ratio	Resp	Lower	Upper
83	100	249623		
55	80.0	61.0	91.4	
98	44.0	39.6	59.4	

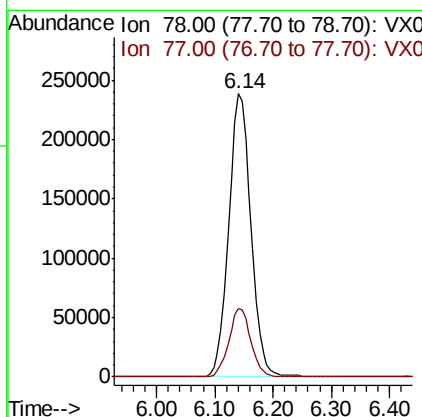
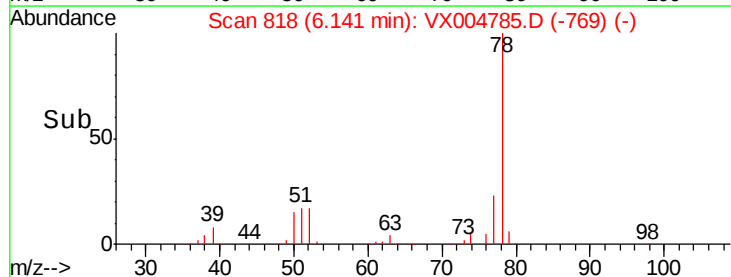
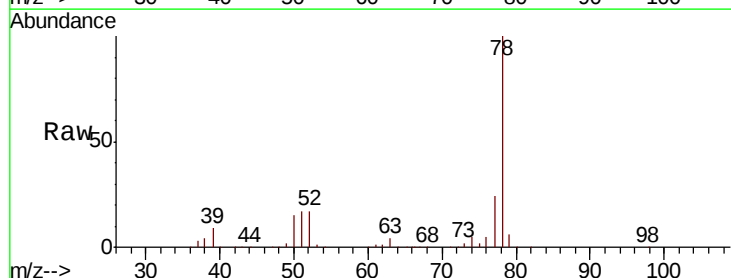
Manual Integrations
APPROVED

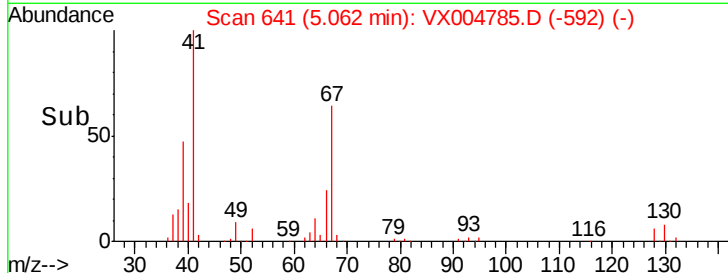
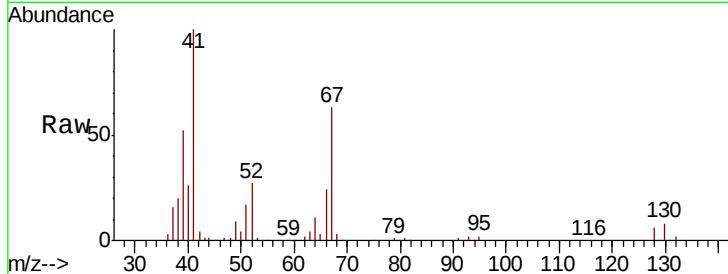
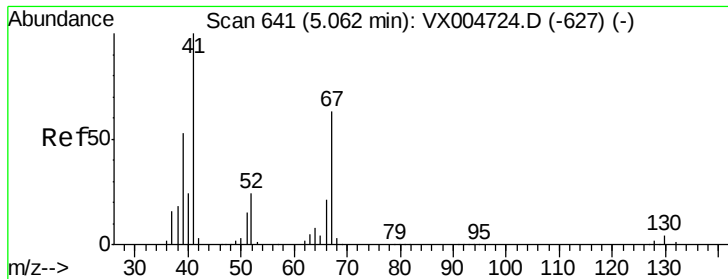
MMDadoda
9/28/2018 2:26:09 PM



#40
Benzene
Concen: 47.209 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX004785.D
Acq: 27 Sep 2018 20:10

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	634737		
77	24.0	19.0	28.4	





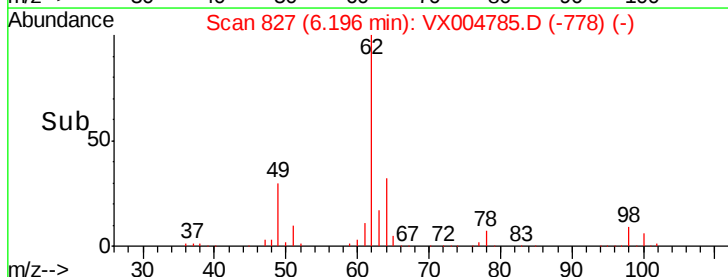
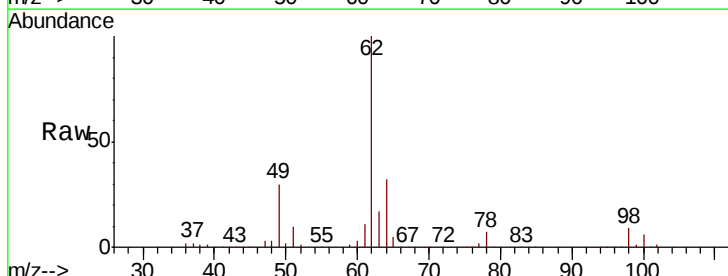
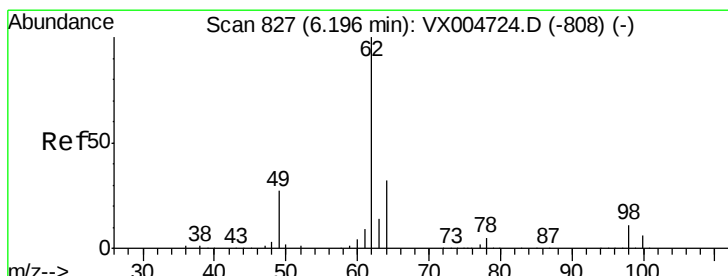
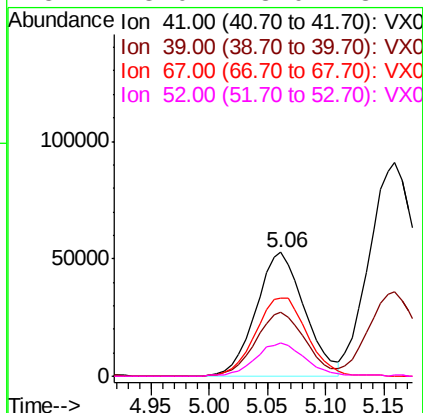
#41
Methacrylonitrile
Concen: 48.368 ug/l
RT: 5.06 min Scan# 641
Delta R.T. -0.00 min
Lab File: VX004785.D
Acq: 27 Sep 2018 20:10

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		152916		
39	52.6	42.4	63.6		
67	67.5	59.2	88.8		
52	28.0	23.0	34.4		

Instrument :
MSVOA_X
ClientSampleId :
CMT-22-6-SEP18MSD

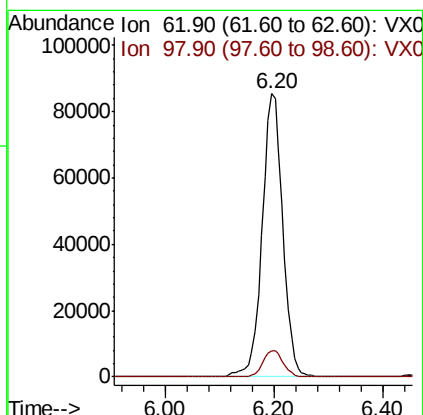
Manual Integrations
APPROVED

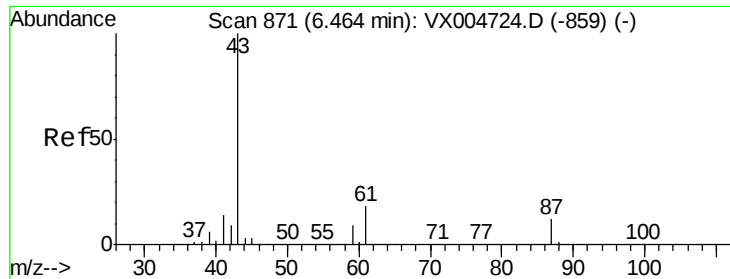
MMDadoda
9/28/2018 2:26:09 PM



#42
1,2-Dichloroethane
Concen: 47.093 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX004785.D
Acq: 27 Sep 2018 20:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		223834		
98	9.2	0.0	20.6		





#43

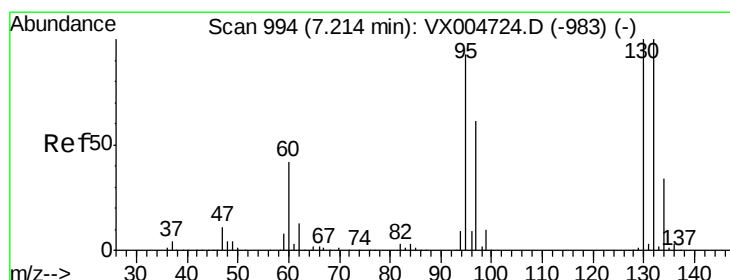
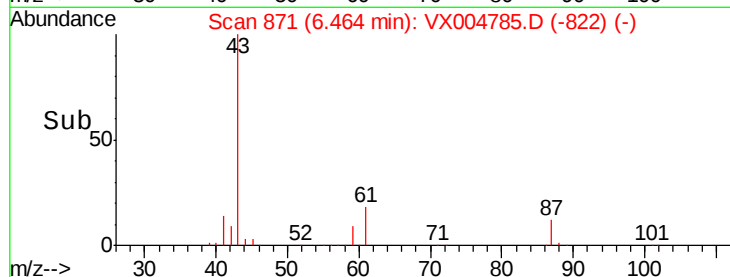
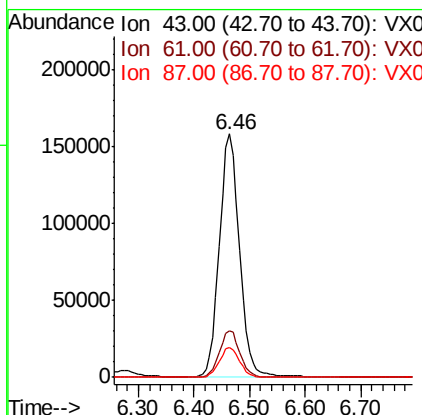
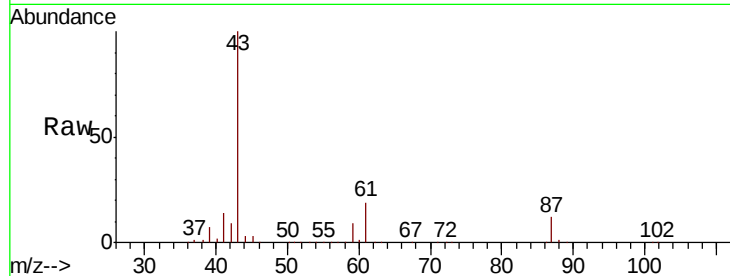
Isopropyl Acetate
 Concen: 48.052 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. -0.00 min
 Lab File: VX004785.D
 Acq: 27 Sep 2018 20:10

Instrument :
 MSVOA_X
 ClientSampleId :
 CMT-22-6-SEP18MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.6	17.0	25.4
87	12.4	11.4	17.2

Manual Integrations
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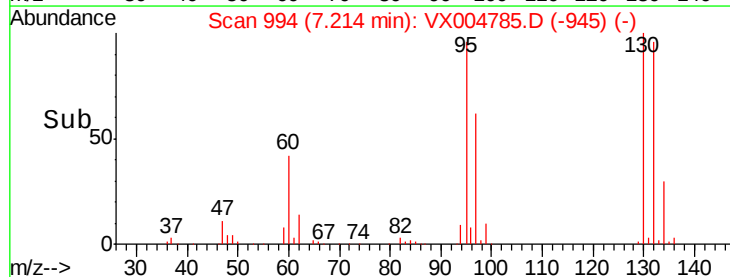
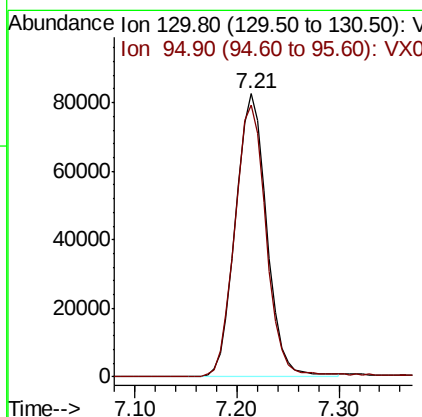
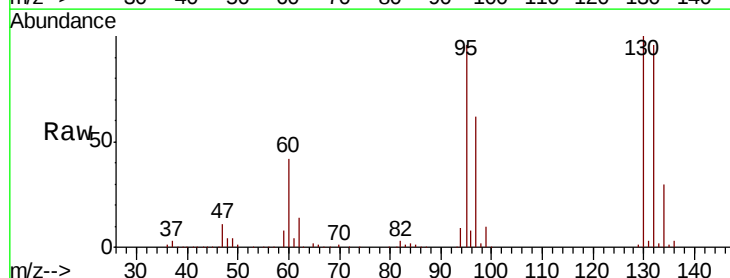
MMDadoda
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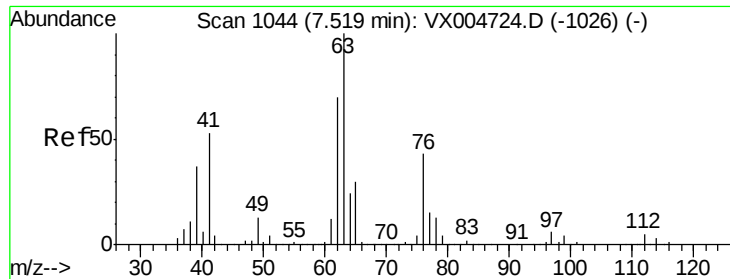


#44

Trichloroethene
 Concen: 52.976 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX004785.D
 Acq: 27 Sep 2018 20:10

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.1	0.0	181.6





#45

1,2-Dichloropropane

Concen: 51.679 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VX004785.D

Acq: 27 Sep 2018 20:10

Instrument :

MSVOA_X

ClientSampleId :

CMT-22-6-SEP18MSD

Tot Ion: 63 Resp: 170396

Ion Ratio Lower Upper

63 100

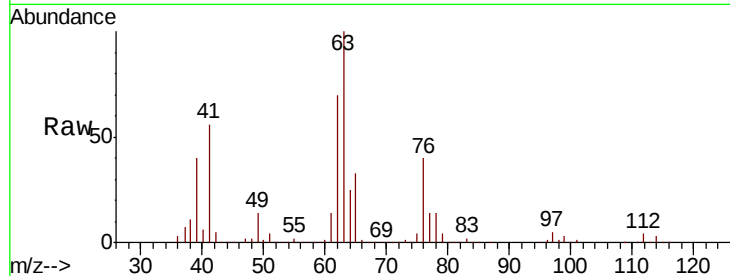
65 32.6 24.3 36.5

Manual Integrations

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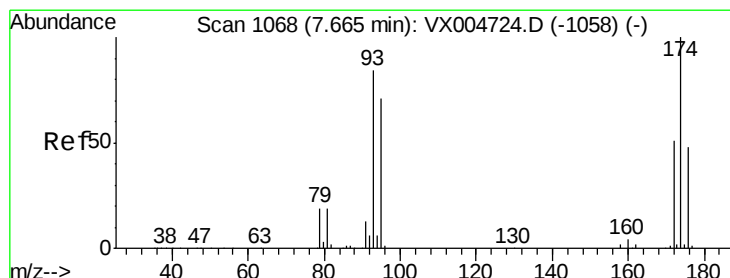
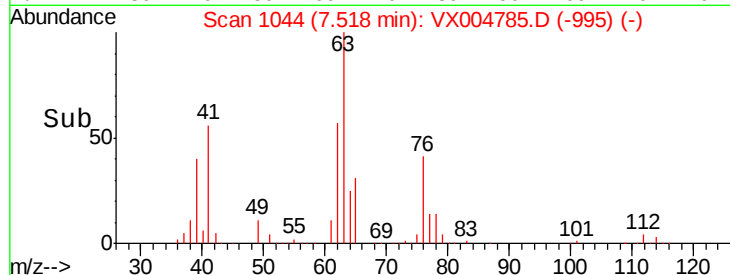
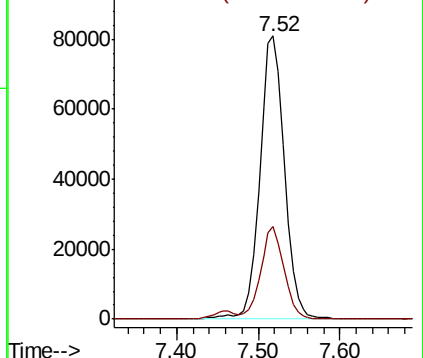
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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 52.394 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. -0.00 min

Lab File: VX004785.D

Acq: 27 Sep 2018 20:10

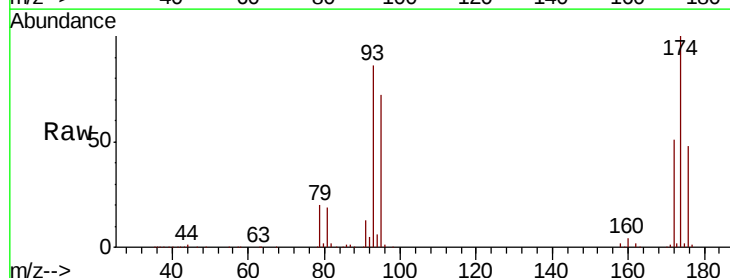
Tgt Ion: 93 Resp: 108569

Ion Ratio Lower Upper

93 100

95 83.7 65.5 98.3

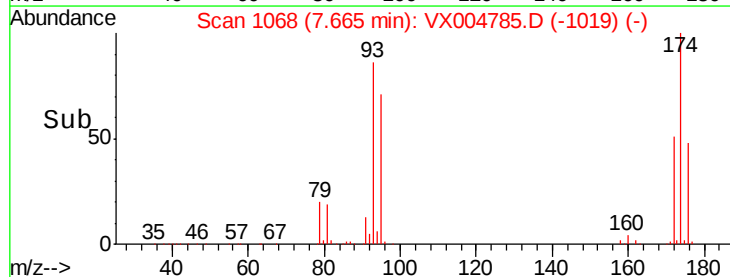
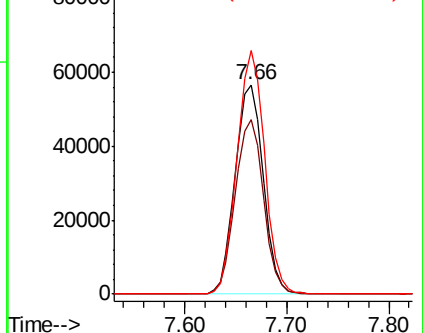
174 114.1 94.2 141.4

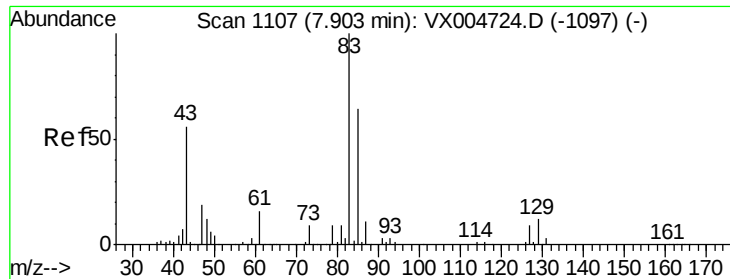


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 53.499 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. -0.00 min

Lab File: VX004785.D

Acq: 27 Sep 2018 20:10

Instrument :

MSVOA_X

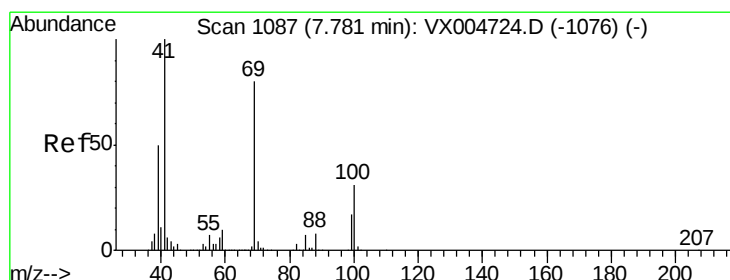
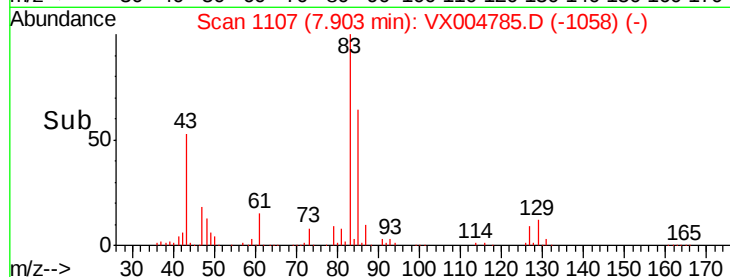
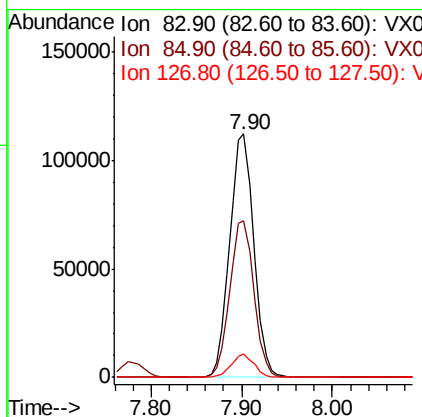
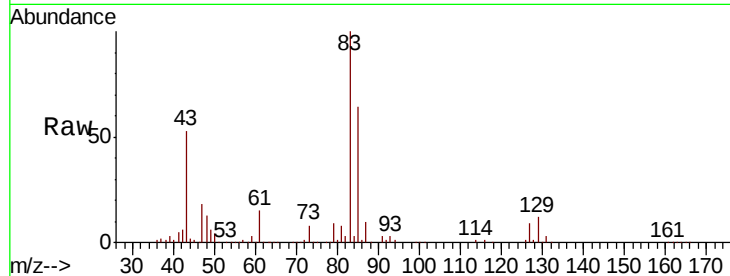
ClientSampleId :

CMT-22-6-SEP18MSD

Tot Ion:	83	Resp:	207555
Ion Ratio	Lower	Upper	
83	100		
85	64.2	50.9	76.3
127	9.4	7.3	10.9

Manual Integrations
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#48

Methyl methacrylate

Concen: 57.606 ug/l

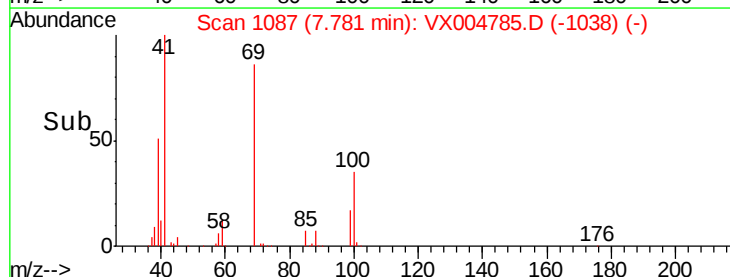
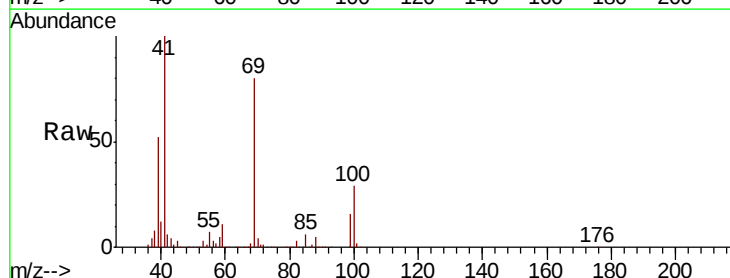
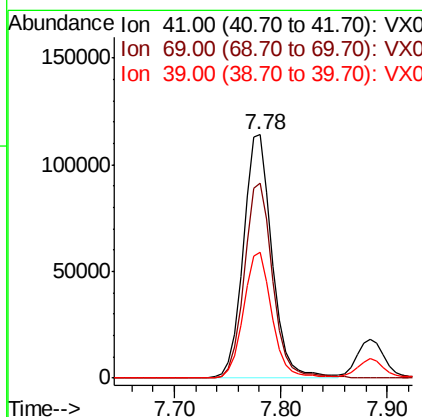
RT: 7.78 min Scan# 1087

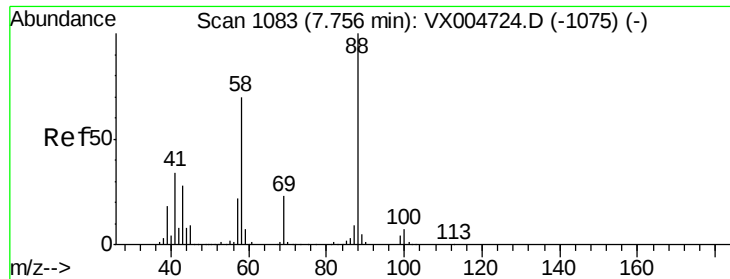
Delta R.T. -0.00 min

Lab File: VX004785.D

Acq: 27 Sep 2018 20:10

Tgt Ion:	41	Resp:	215136
Ion Ratio	Lower	Upper	
41	100		
69	79.9	70.2	105.4
39	51.1	42.7	64.1





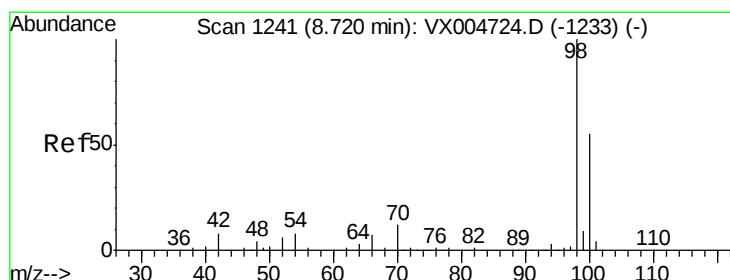
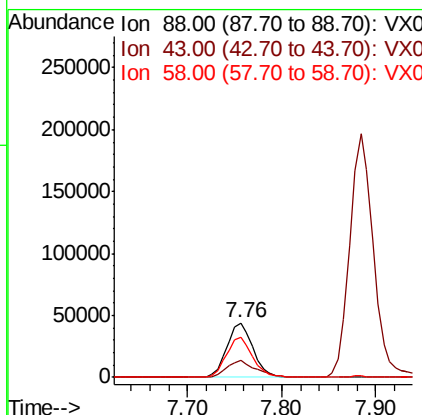
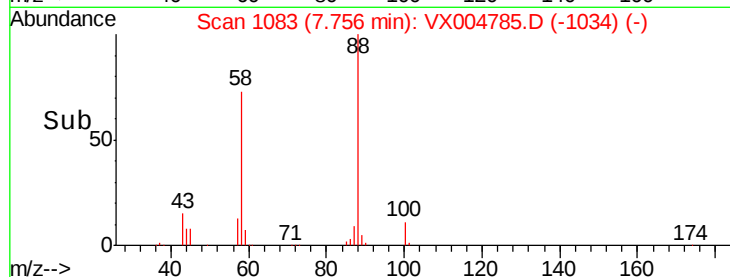
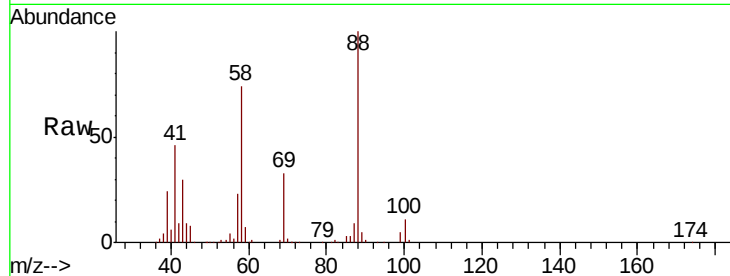
#49
1,4-Dioxane
Concen: 903.694 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. -0.00 min
Lab File: VX004785.D
Acq: 27 Sep 2018 20:10

Instrument :
MSVOA_X
ClientSampleId :
CMT-22-6-SEP18MSD

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.4	24.7	37.1
58	74.7	55.3	82.9

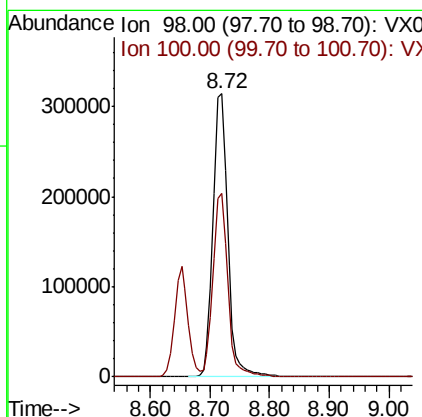
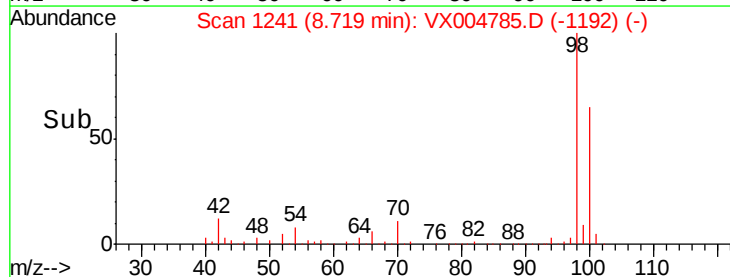
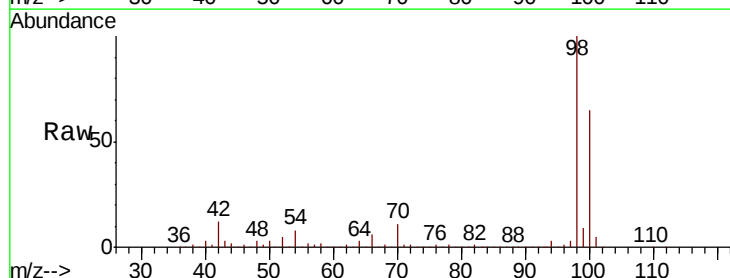
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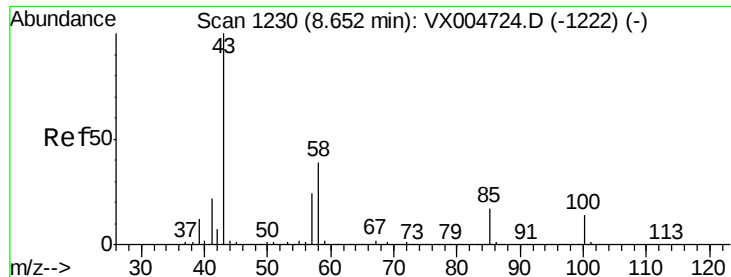
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#50
Toluene-d8
Concen: 51.191 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VX004785.D
Acq: 27 Sep 2018 20:10

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.9	79.3





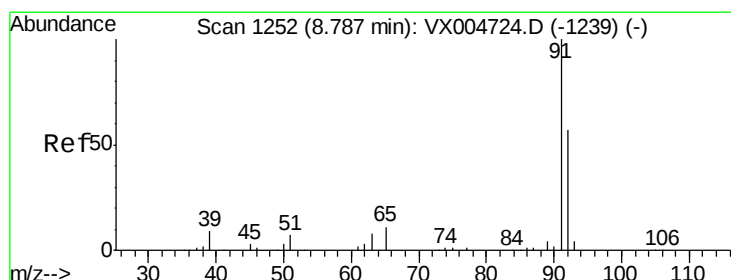
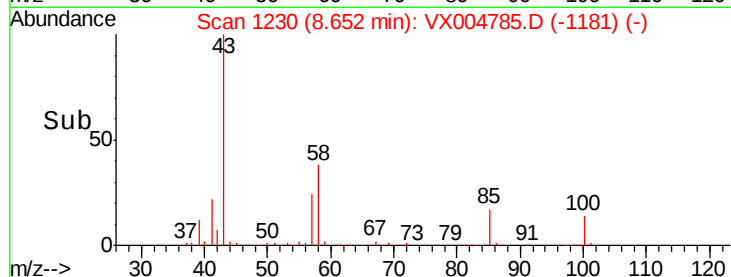
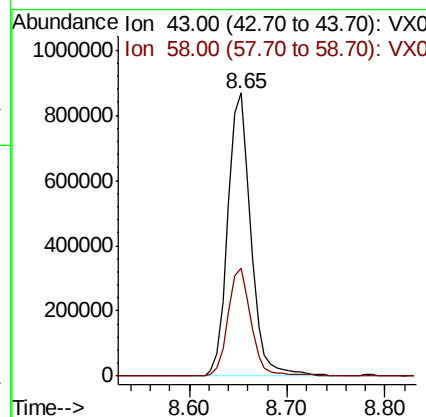
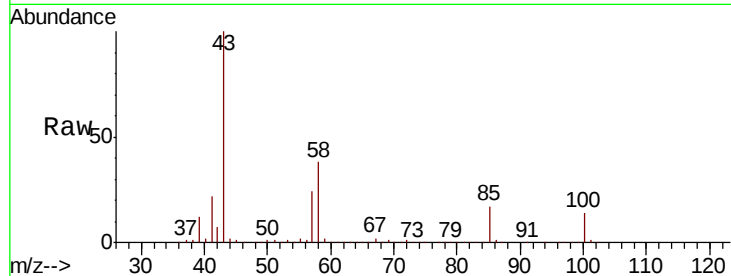
#51
4-Methyl-2-Pentanone
Concen: 275.846 ug/l
RT: 8.65 min Scan# 1230
Delta R.T. -0.00 min
Lab File: VX004785.D
Acq: 27 Sep 2018 20:10

Instrument :
MSVOA_X
ClientSampleId :
CMT-22-6-SEP18MSD

Tot Ion: 43 Resp: 1429104
Ion Ratio Lower Upper
43 100
58 38.6 33.1 49.7

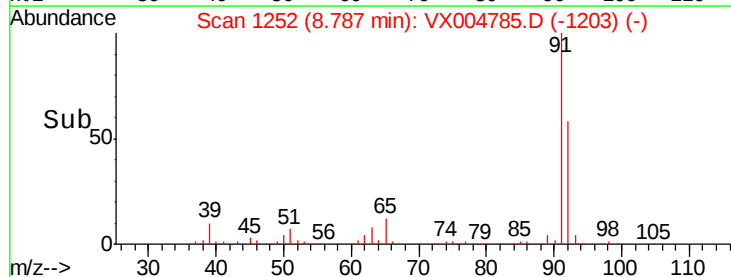
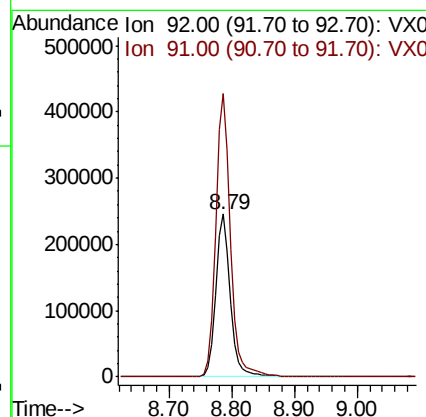
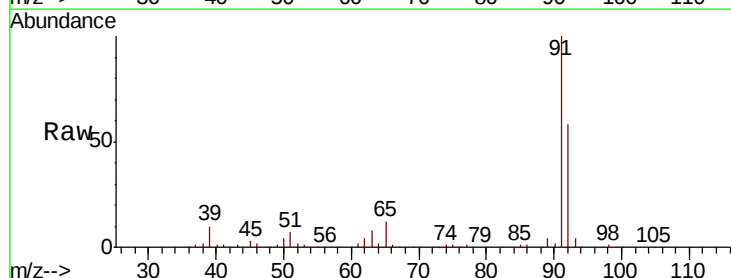
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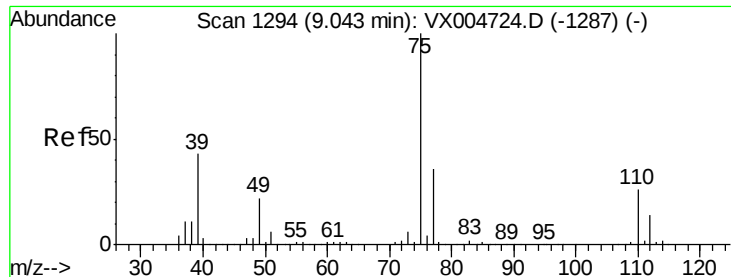
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#52
Toluene
Concen: 53.033 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX004785.D
Acq: 27 Sep 2018 20:10

Tgt Ion: 92 Resp: 391802
Ion Ratio Lower Upper
92 100
91 175.4 136.4 204.6





#53

t-1,3-Dichloropropene

Concen: 53.079 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX004785.D

Acq: 27 Sep 2018 20:10

Instrument :

MSVOA_X

ClientSampleId :

CMT-22-6-SEP18MSD

Tot Ion: 75 Resp: 232705

Ion Ratio Lower Upper

75 100

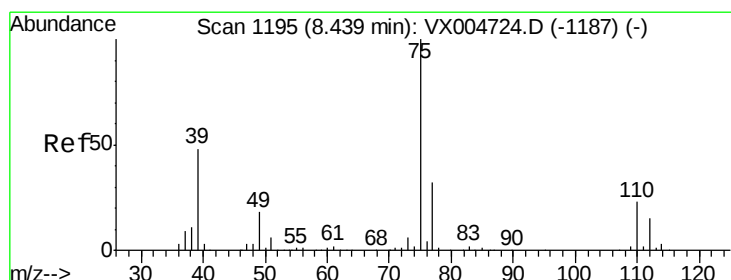
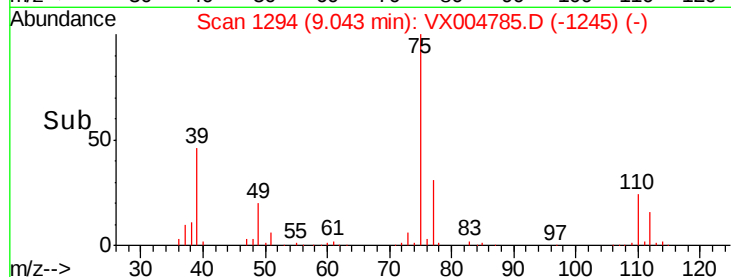
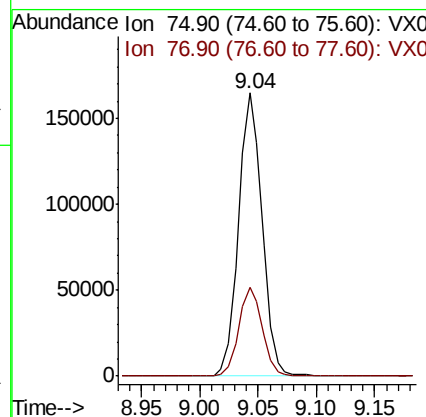
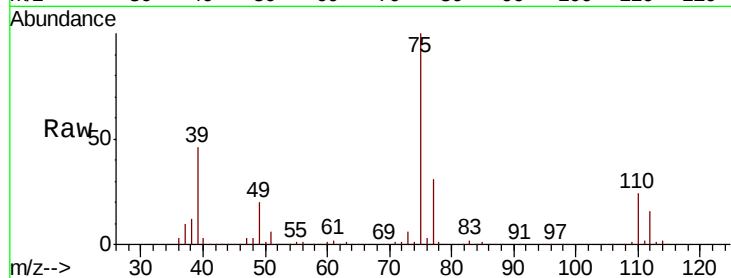
77 31.2 24.6 37.0

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 53.722 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. -0.00 min

Lab File: VX004785.D

Acq: 27 Sep 2018 20:10

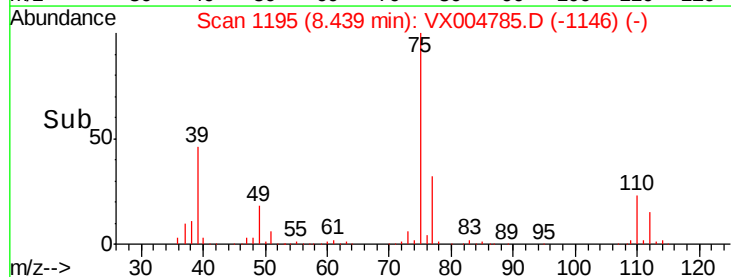
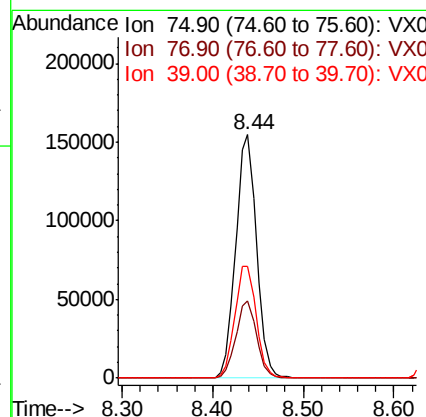
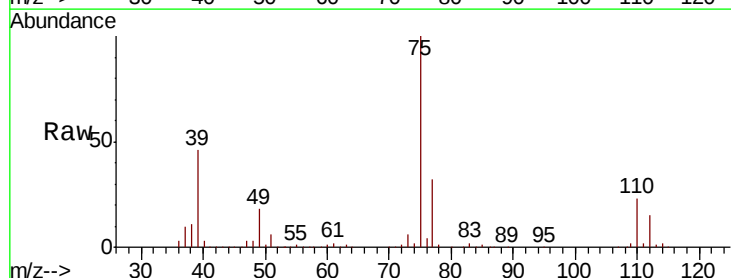
Tgt Ion: 75 Resp: 246691

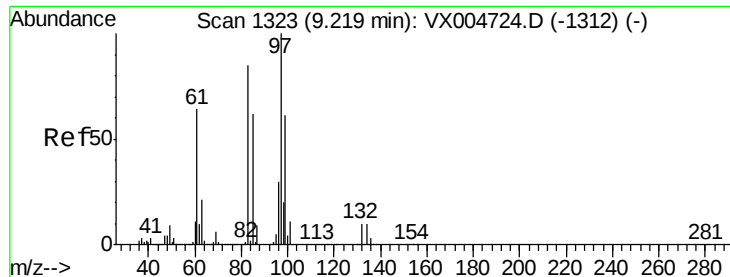
Ion Ratio Lower Upper

75 100

77 31.6 26.2 39.2

39 46.0 36.4 54.6





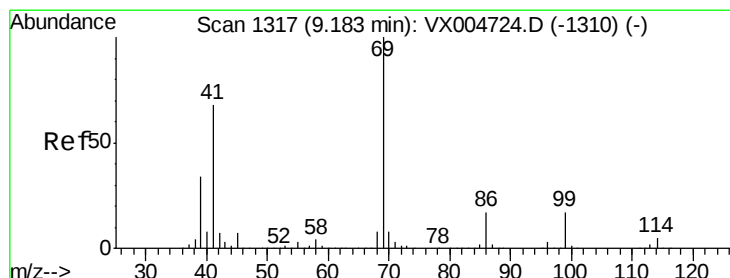
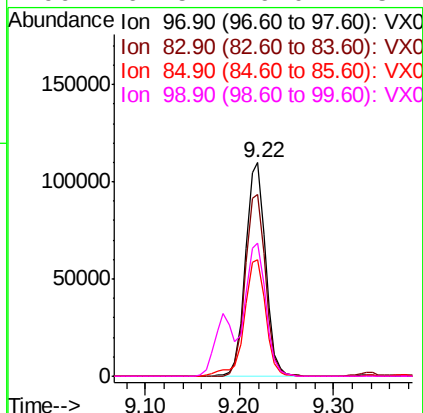
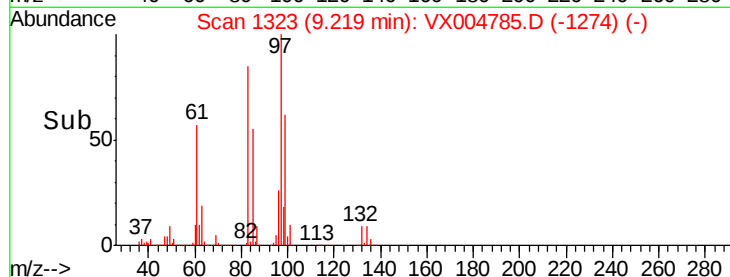
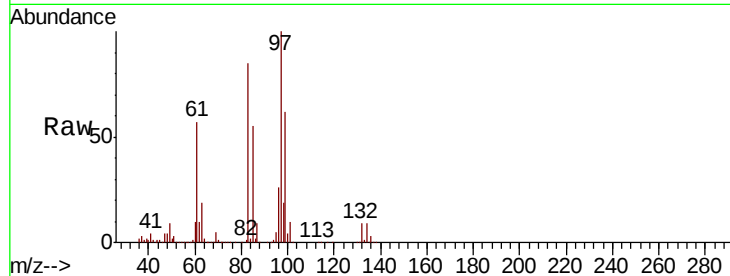
#55
 1,1,2-Trichloroethane
 Concen: 50.354 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: VX004785.D
 Acq: 27 Sep 2018 20:10

Instrument :
 MSVOA_X
 ClientSampleId :
 CMT-22-6-SEP18MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		162954		
83	85.3	66.4	99.6		
85	54.6	43.3	64.9		
99	62.5	49.0	73.4		

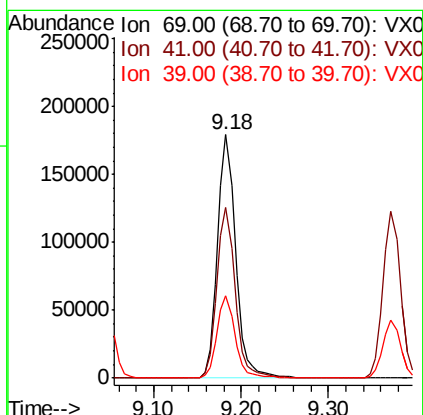
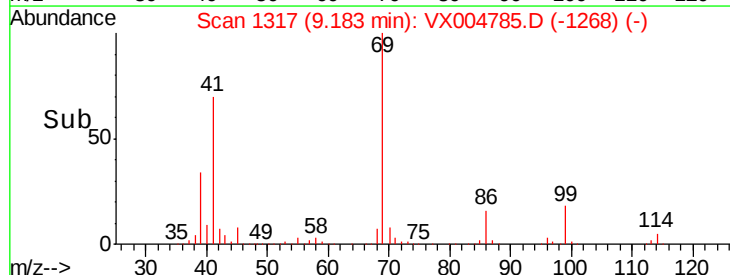
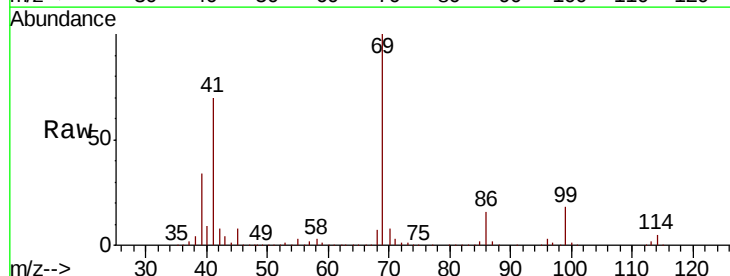
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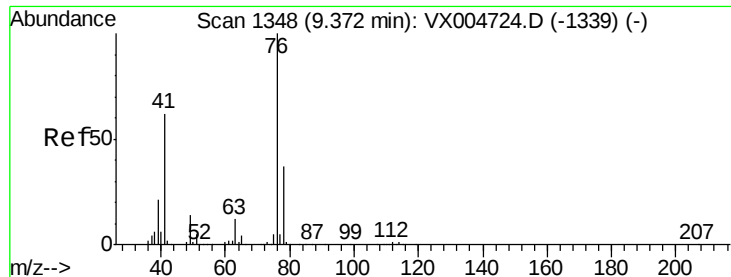
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#56
 Ethyl methacrylate
 Concen: 49.184 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX004785.D
 Acq: 27 Sep 2018 20:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		258025		
41	70.8	51.0	76.4		
39	33.8	26.1	39.1		





#57

1,3-Dichloropropane

Concen: 51.134 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX004785.D

Acq: 27 Sep 2018 20:10

Instrument :

MSVOA_X

ClientSampleId :

CMT-22-6-SEP18MSD

Tot Ion: 76 Resp: 275411

Ion Ratio Lower Upper

76 100

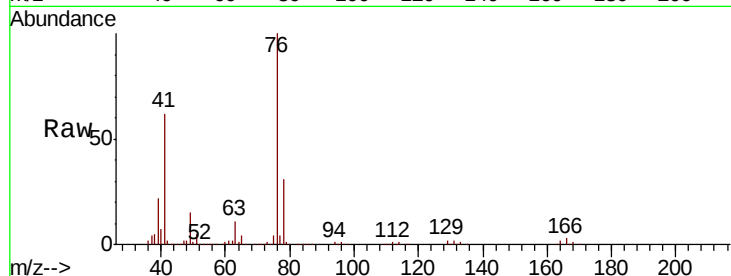
78 31.5 25.5 38.3

Manual Integrations

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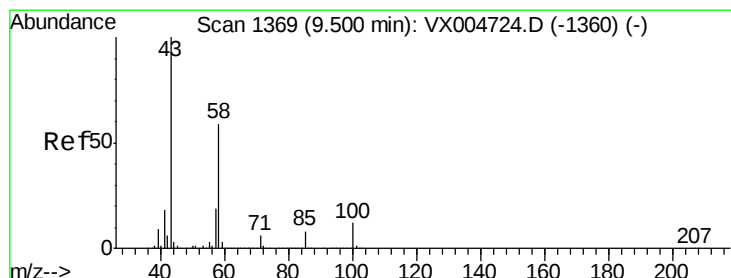
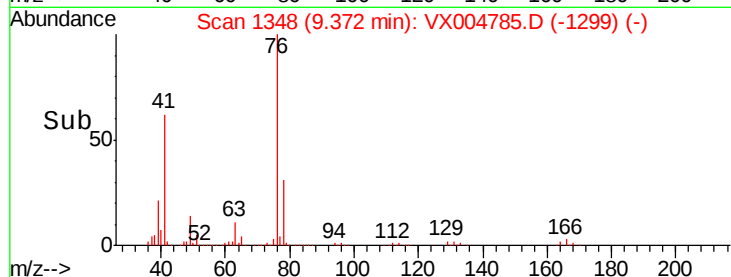
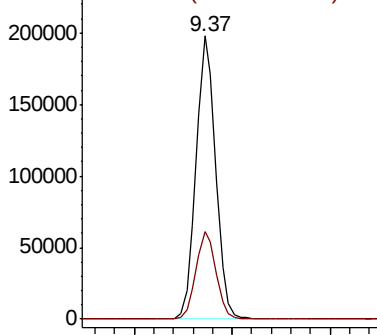
MMDadoda

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#59

2-Hexanone

Concen: 261.154 ug/l

RT: 9.50 min Scan# 1369

Delta R.T. -0.00 min

Lab File: VX004785.D

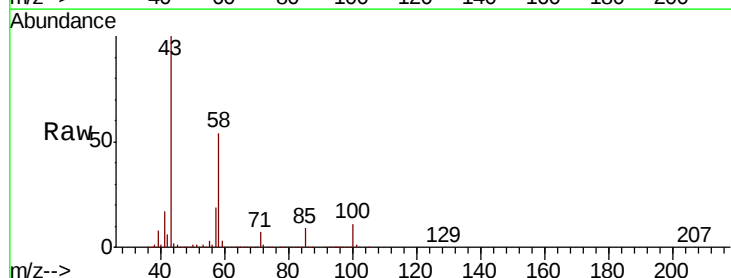
Acq: 27 Sep 2018 20:10

Tgt Ion: 43 Resp: 1127468

Ion Ratio Lower Upper

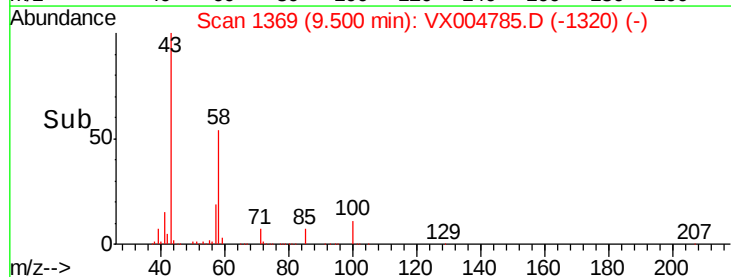
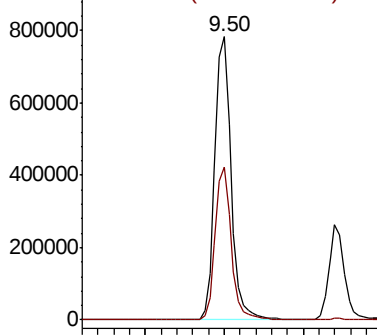
43 100

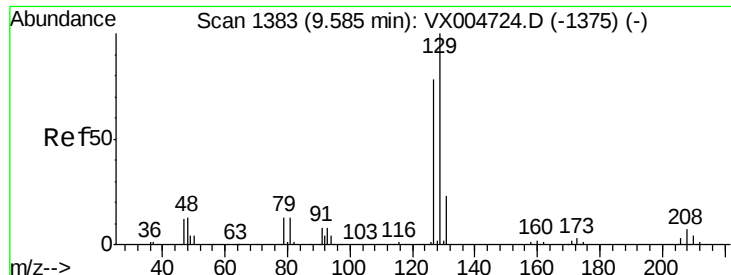
58 53.1 29.0 87.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#60

Dibromochloromethane

Concen: 52.018 ug/l

RT: 9.59 min Scan# 1383

Delta R.T. -0.00 min

Lab File: VX004785.D

Acq: 27 Sep 2018 20:10

Instrument :

MSVOA_X

ClientSampleId :

CMT-22-6-SEP18MSD

Tot Ion:129 Resp: 168350

Ion Ratio Lower Upper

129 100

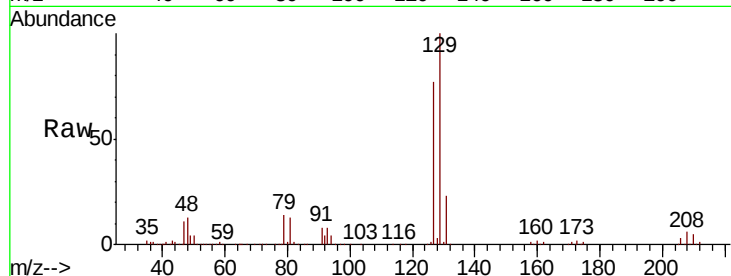
127 77.0 38.5 115.5

Manual Integrations

APPROVED

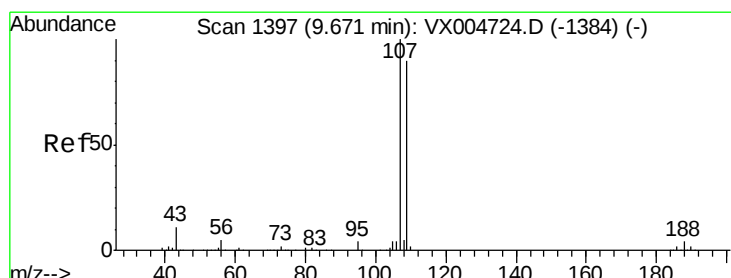
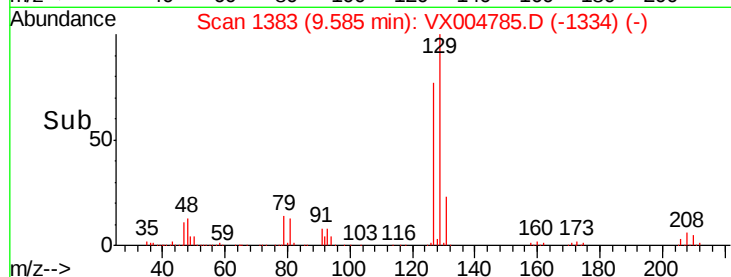
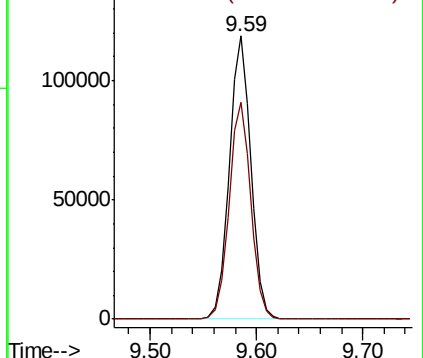
MMDadoda

9/28/2018 2:26:09 PM



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 48.709 ug/l

RT: 9.68 min Scan# 1398

Delta R.T. 0.01 min

Lab File: VX004785.D

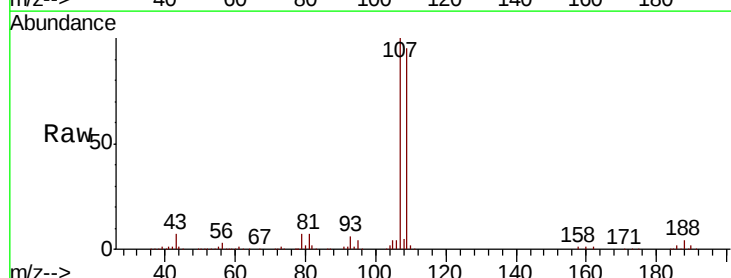
Acq: 27 Sep 2018 20:10

Tgt Ion:107 Resp: 168815

Ion Ratio Lower Upper

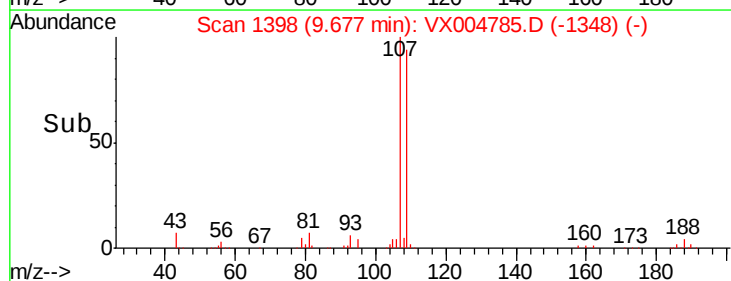
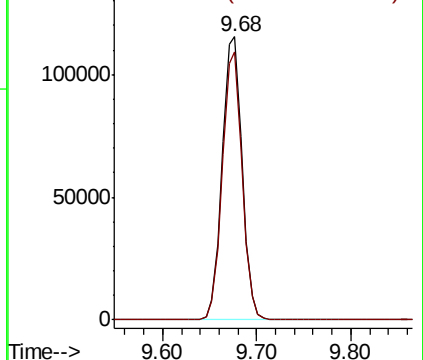
107 100

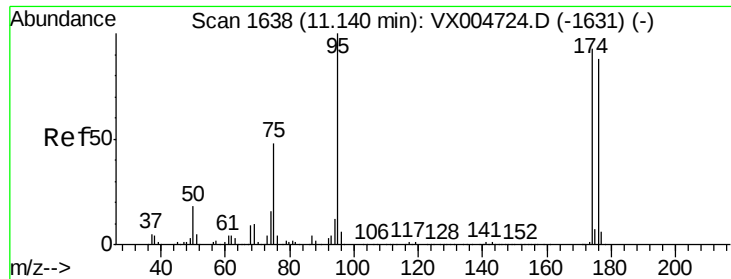
109 93.9 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





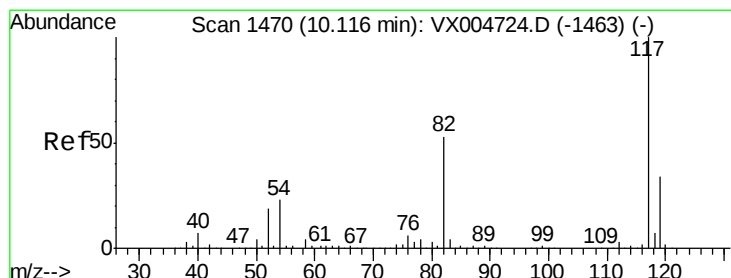
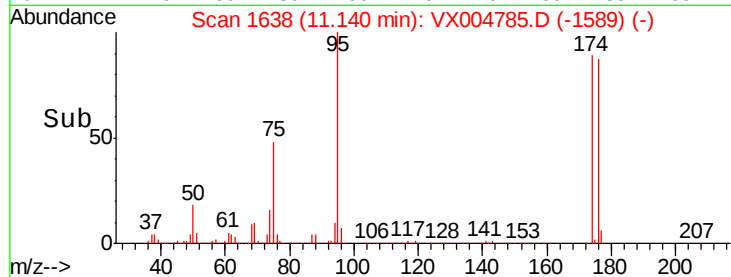
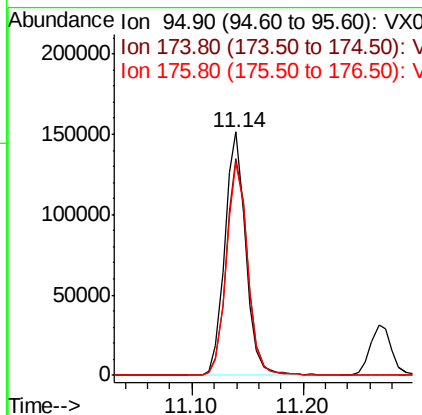
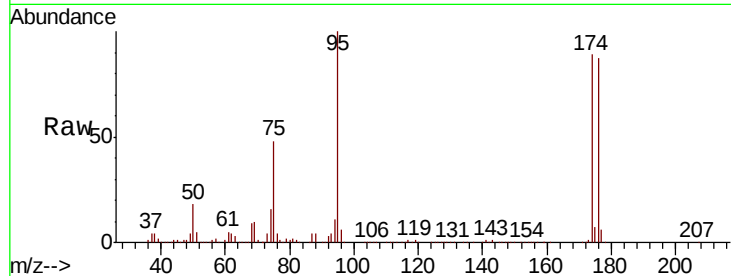
#62
4-Bromofluorobenzene
Concen: 52.116 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX004785.D
Acq: 27 Sep 2018 20:10

Instrument :
MSVOA_X
ClientSampleId :
CMT-22-6-SEP18MSD

Tot Ion	Ratio	Resp	Lower	Upper
95	100	196471		
174	90.6	0.0	185.2	
176	88.5	0.0	178.6	

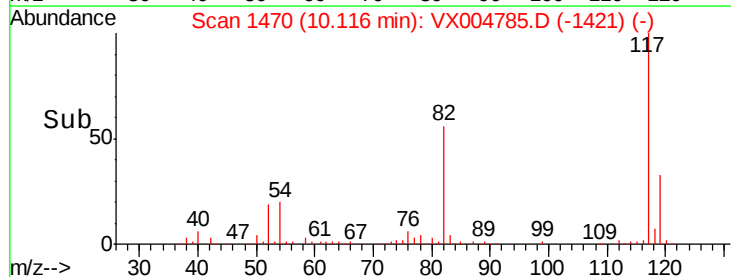
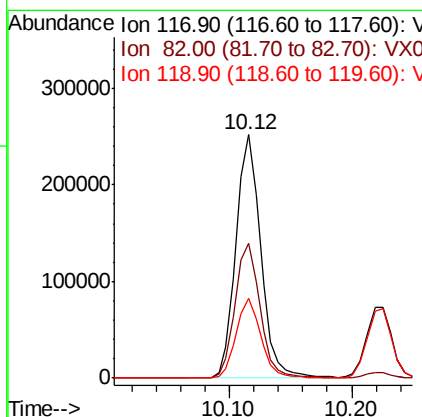
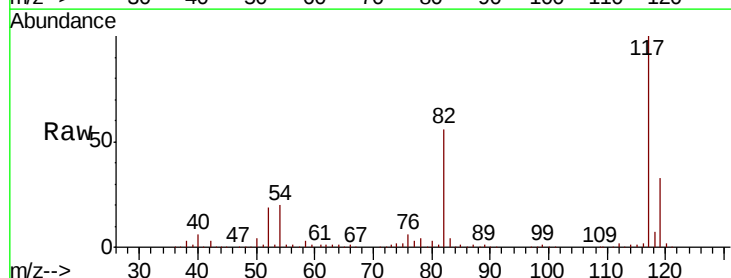
Manual Integrations
APPROVED

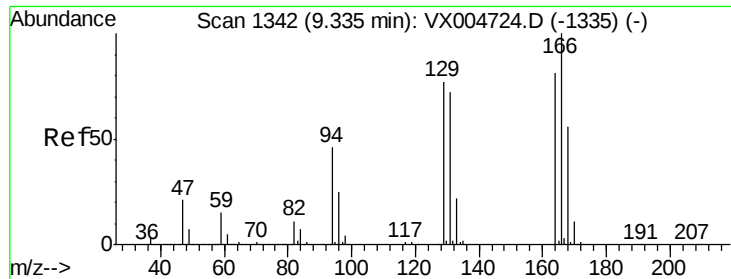
MMDadoda
9/28/2018 2:26:09 PM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004785.D
Acq: 27 Sep 2018 20:10

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	354088		
82	55.6	47.8	71.6	
119	32.5	29.3	43.9	





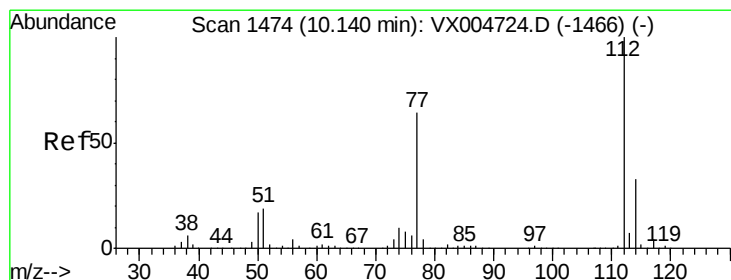
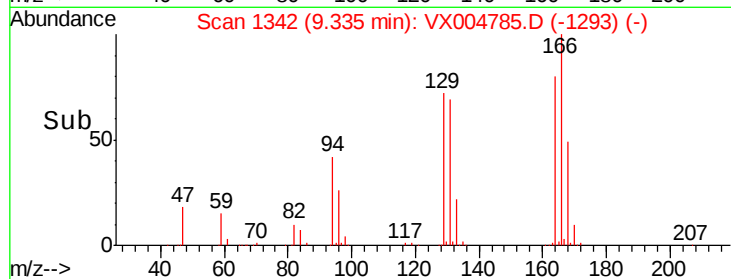
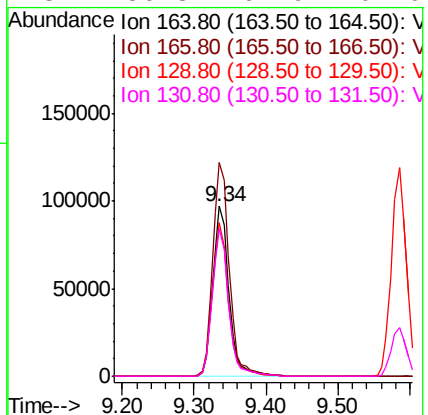
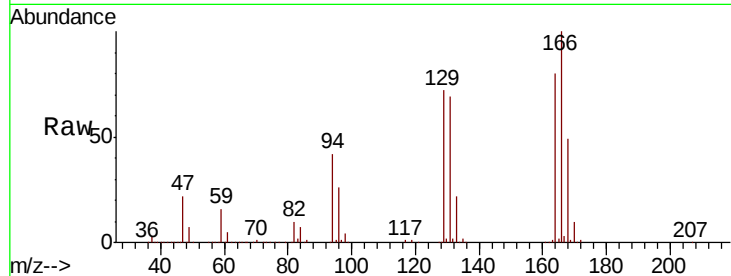
#64
Tetrachloroethene
Concen: 43.271 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX004785.D
Acq: 27 Sep 2018 20:10

Instrument :
MSVOA_X
ClientSampleId :
CMT-22-6-SEP18MSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
166	125.8	150798	102.8	154.2
129	90.1		69.4	104.0
131	86.3		67.9	101.9

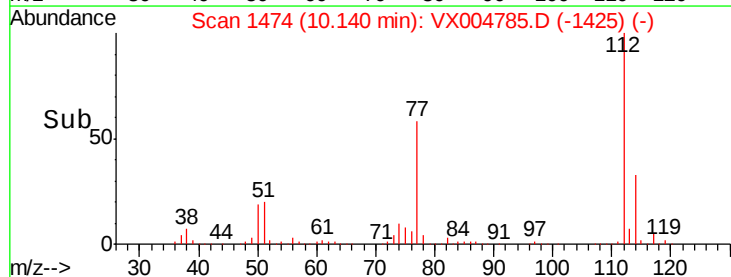
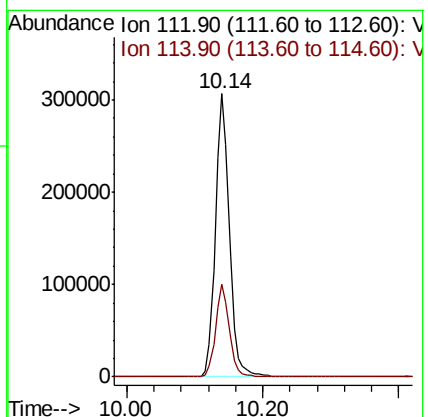
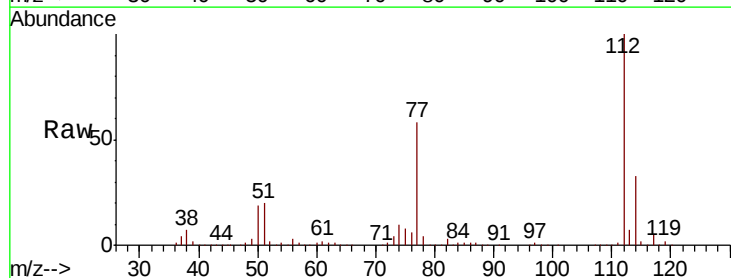
Manual Integrations
APPROVED

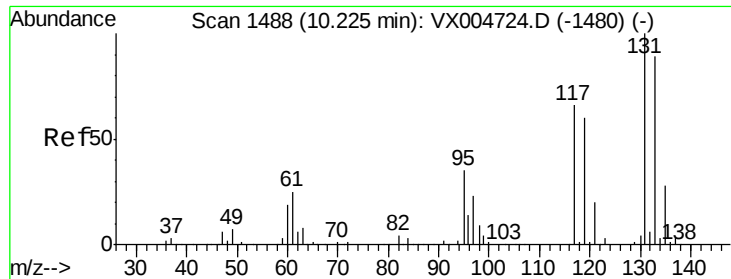
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#65
Chlorobenzene
Concen: 48.146 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX004785.D
Acq: 27 Sep 2018 20:10

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	437154		
114	32.6		27.8	41.8





#66

1,1,1,2-Tetrachloroethane

Concen: 49.277 ug/l

RT: 10.23 min Scan# 1488

Delta R.T. -0.00 min

Lab File: VX004785.D

Acq: 27 Sep 2018 20:10

Instrument :

MSVOA_X

ClientSampleId :

CMT-22-6-SEP18MSD

Tot Ion:131 Resp: 157297

Ion Ratio Lower Upper

131 100

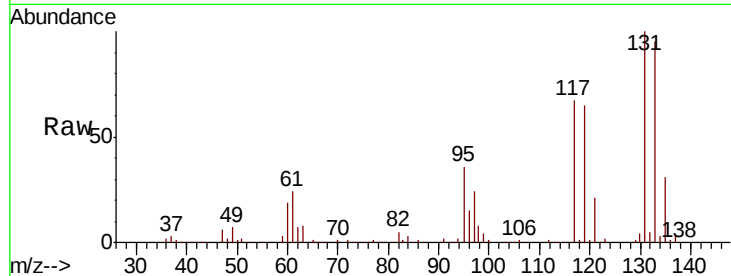
133 95.2 48.1 144.4

119 64.6 32.9 98.6

Manual Integrations
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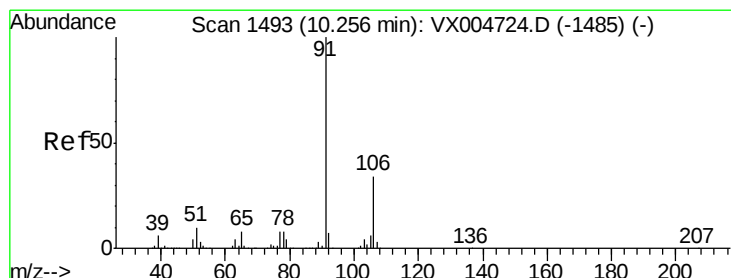
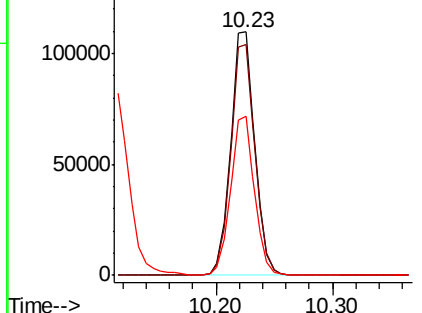
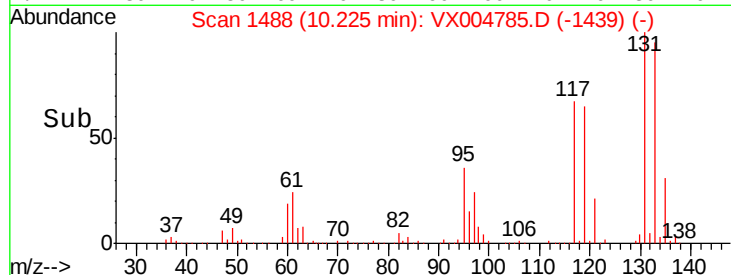
9/28/2018 2:26:09 PM



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 51.962 ug/l

RT: 10.26 min Scan# 1493

Delta R.T. -0.00 min

Lab File: VX004785.D

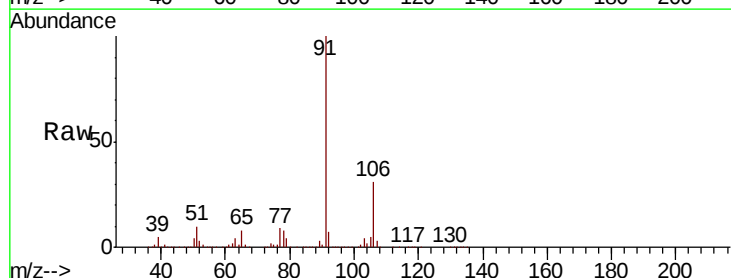
Acq: 27 Sep 2018 20:10

Tgt Ion: 91 Resp: 749046

Ion Ratio Lower Upper

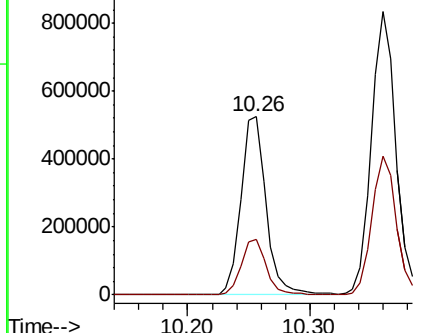
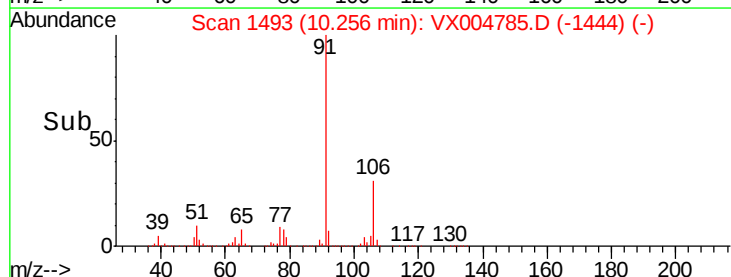
91 100

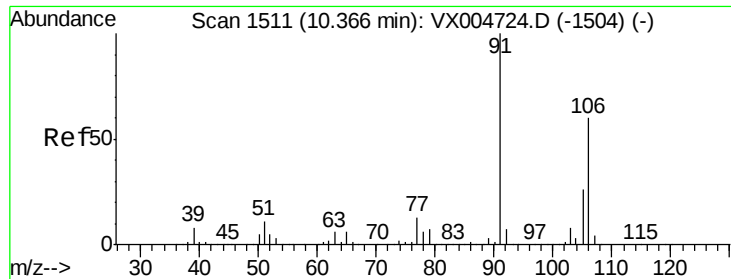
106 31.5 25.9 38.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





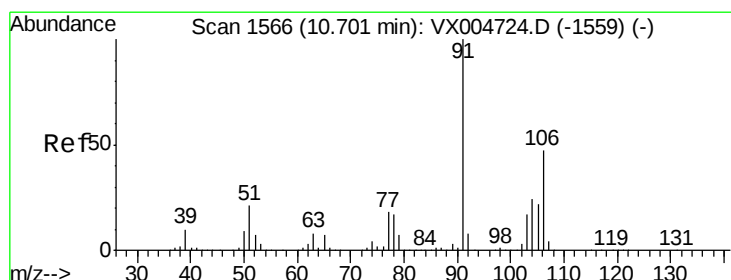
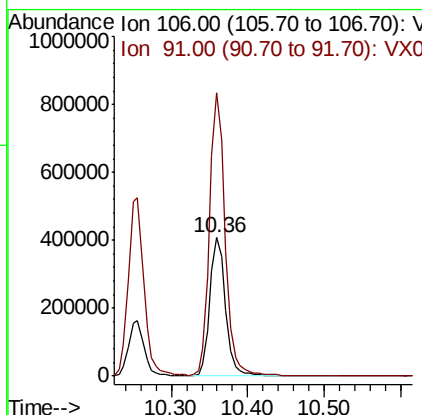
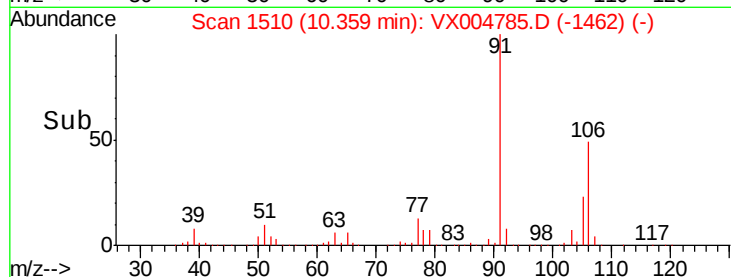
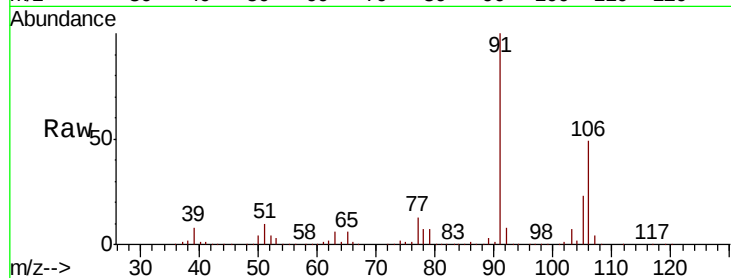
#68
m/p-Xvlenes
Concen: 104.030 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.01 min
Lab File: VX004785.D
Acq: 27 Sep 2018 20:10

Instrument :
MSVOA_X
ClientSampleId :
CMT-22-6-SEP18MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	203.2	157.1	235.7		

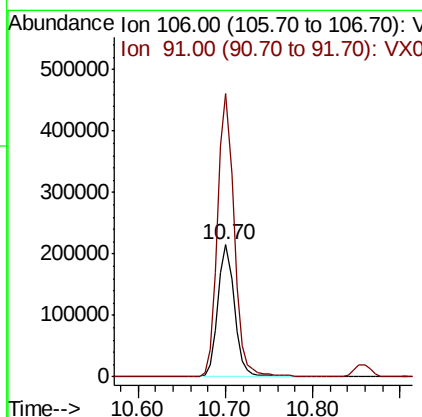
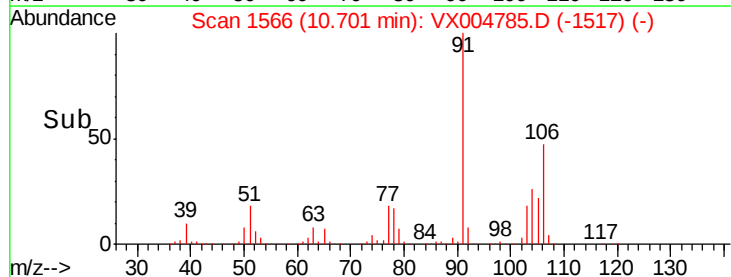
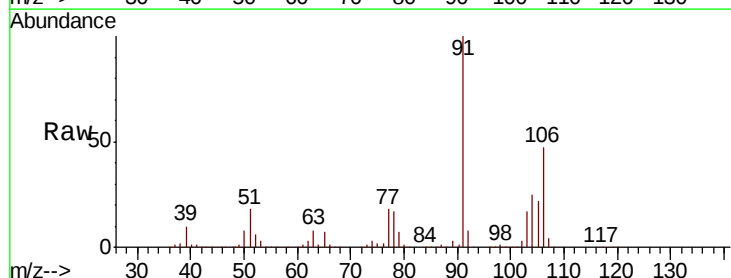
Manual Integrations
APPROVED

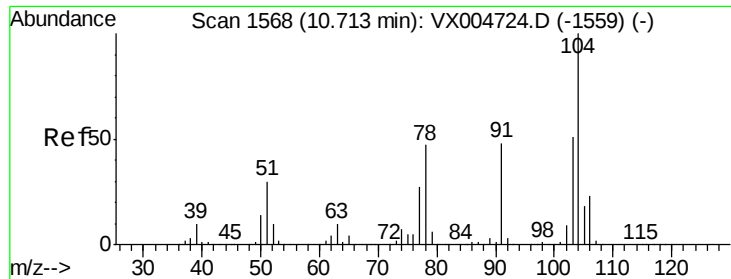
MMDadoda
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#69
o-Xylene
Concen: 54.715 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX004785.D
Acq: 27 Sep 2018 20:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	213.6	105.1	315.1		





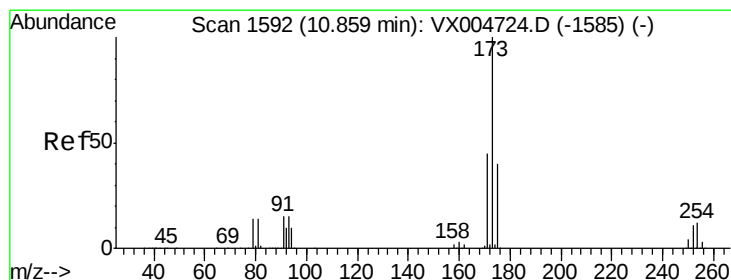
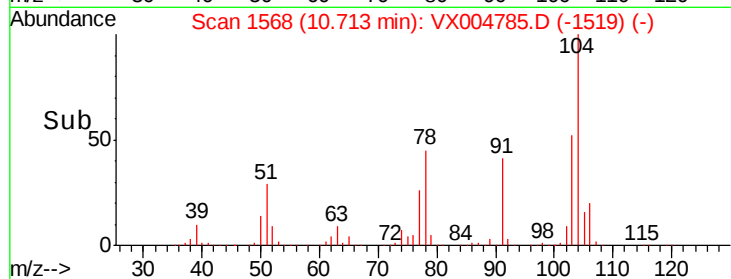
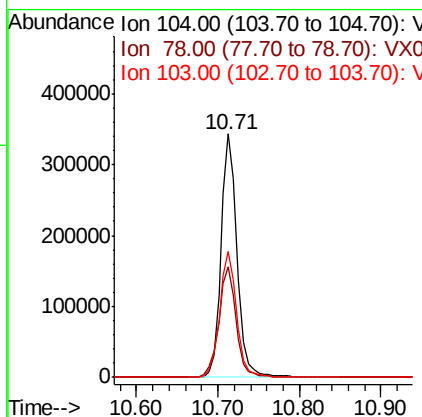
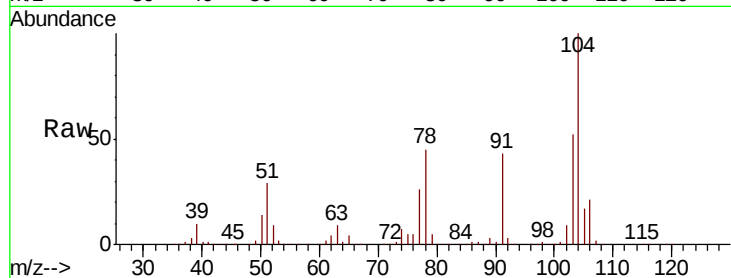
#70
Stvrene
Concen: 48.565 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX004785.D
Acq: 27 Sep 2018 20:10

Instrument :
MSVOA_X
ClientSampleId :
CMT-22-6-SEP18MSD

Tot Ion	Ratio	Lower	Upper
104	100		
78	49.8	37.4	56.0
103	55.4	43.8	65.6

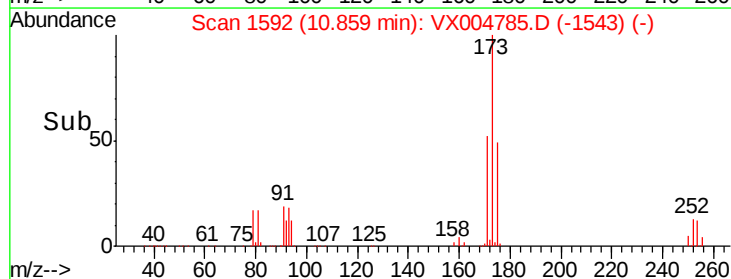
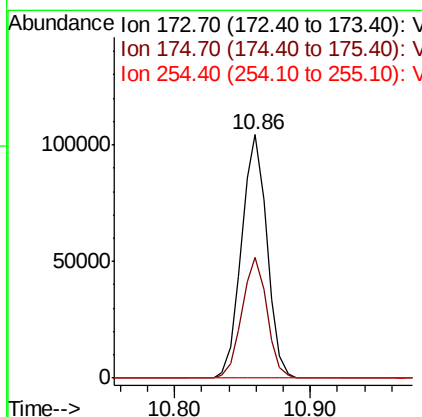
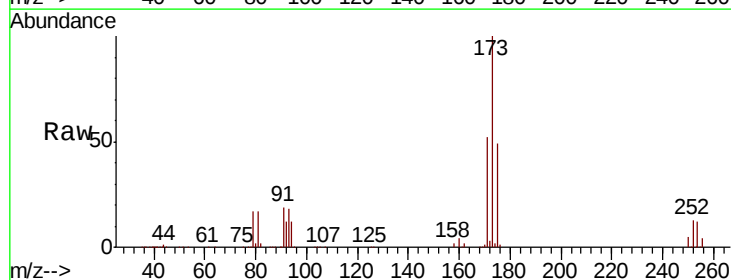
Manual Integrations
APPROVED

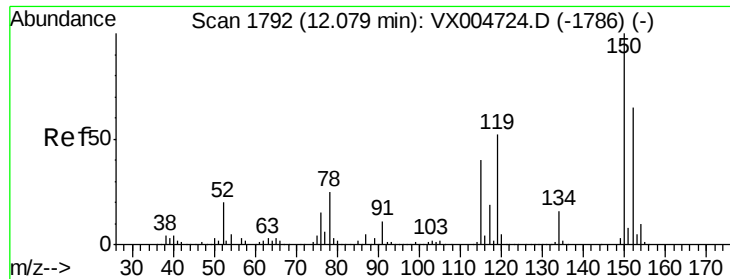
MMDadoda
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#71
Bromoform
Concen: 49.847 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VX004785.D
Acq: 27 Sep 2018 20:10

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.7	24.1	72.3
254	0.2	0.2	0.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX004785.D

Acq: 27 Sep 2018 20:10

Instrument :

MSVOA_X

ClientSampleId :

CMT-22-6-SEP18MSD

Tot Ion:152 Resp: 216171

Ion Ratio Lower Upper

152 100

115 78.6 39.0 117.0

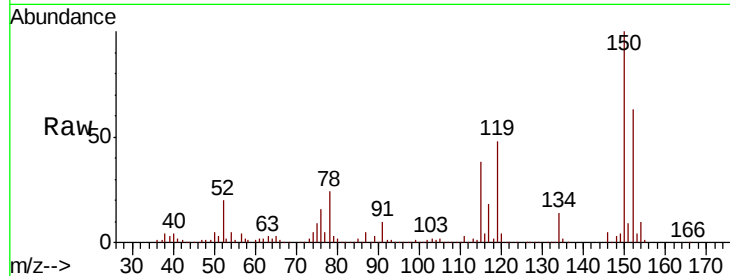
150 173.7 0.0 351.0

Manual Integrations

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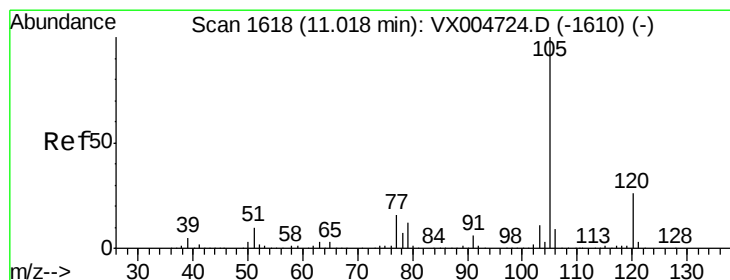
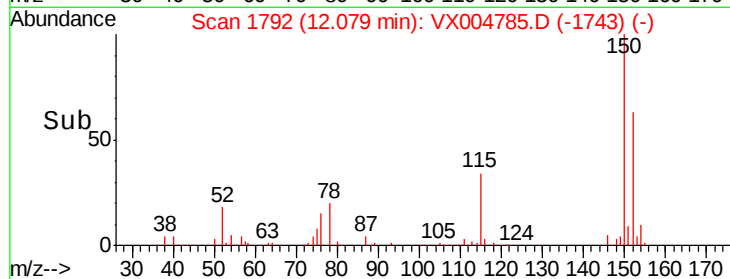
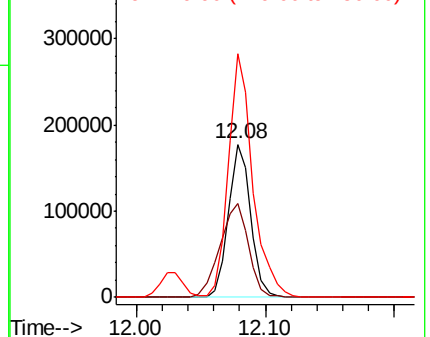
9/28/2018 2:26:09 PM



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 54.874 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX004785.D

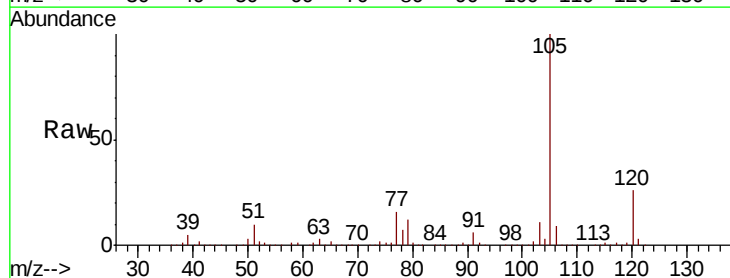
Acq: 27 Sep 2018 20:10

Tgt Ion:105 Resp: 747692

Ion Ratio Lower Upper

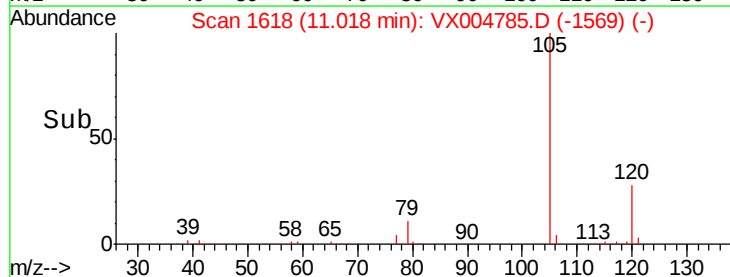
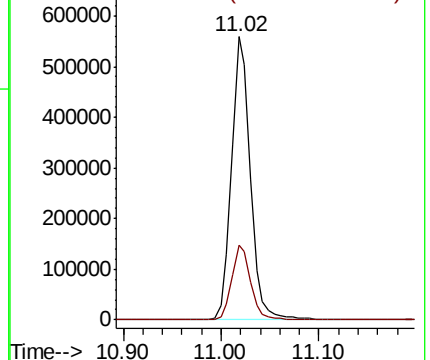
105 100

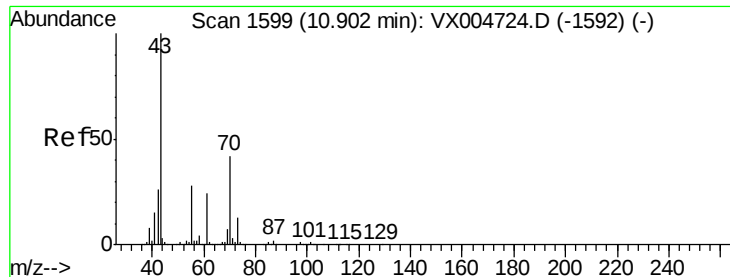
120 26.5 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 47.517 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. -0.00 min

Lab File: VX004785.D

Acq: 27 Sep 2018 20:10

Instrument :

MSVOA_X

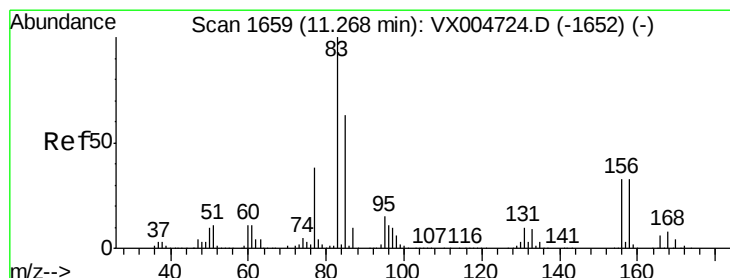
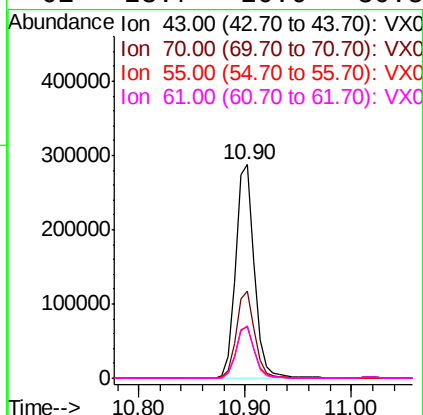
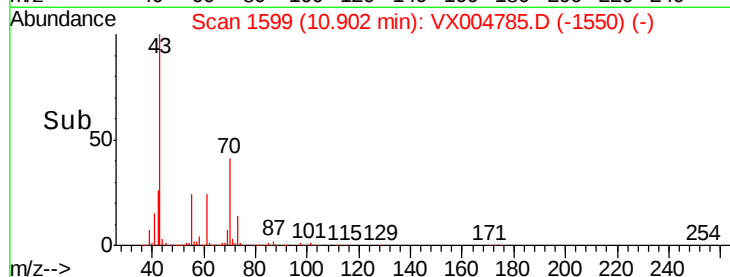
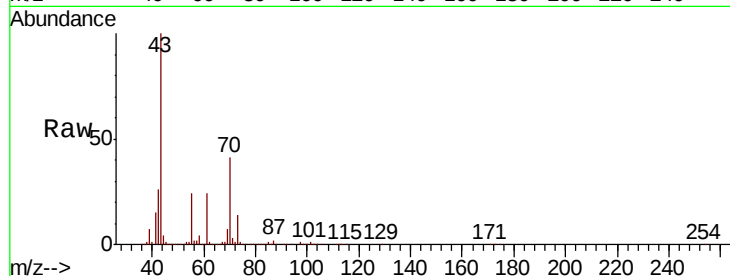
ClientSampleId :

CMT-22-6-SEP18MSD

Tot Ion	Ion	Ratio	Lower	Upper
43	100			
70	40.3	37.4	56.0	
55	24.7	21.8	32.8	
61	23.7	20.6	30.8	

Manual Integrations
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#75

1,1,2,2-Tetrachloroethane

Concen: 48.702 ug/l

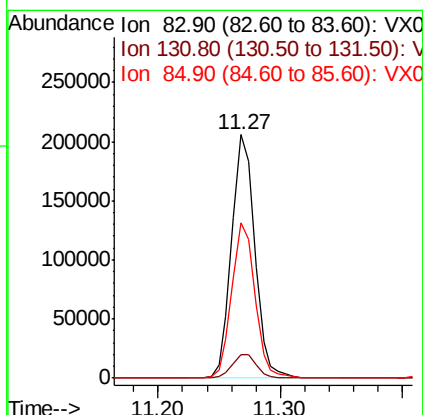
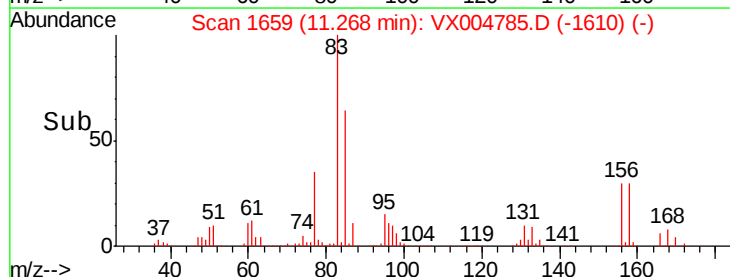
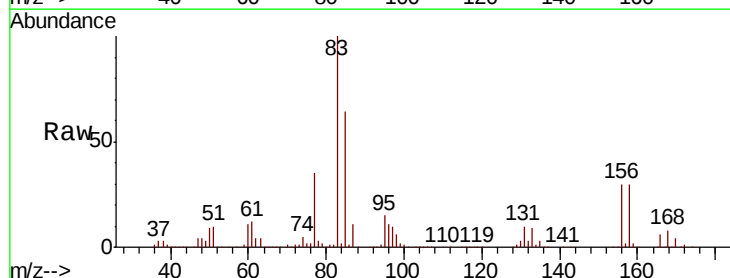
RT: 11.27 min Scan# 1659

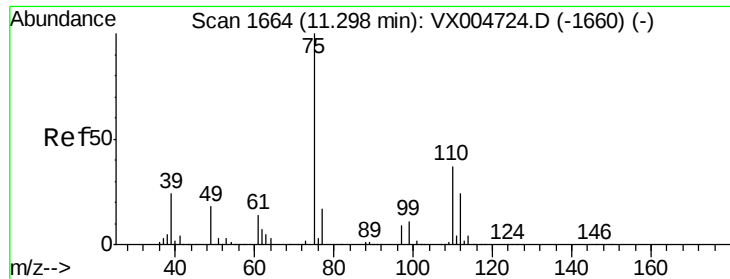
Delta R.T. -0.00 min

Lab File: VX004785.D

Acq: 27 Sep 2018 20:10

Tgt Ion	Ion	Ratio	Lower	Upper
83	100			
131	10.2	5.2	15.6	
85	64.0	32.3	96.8	





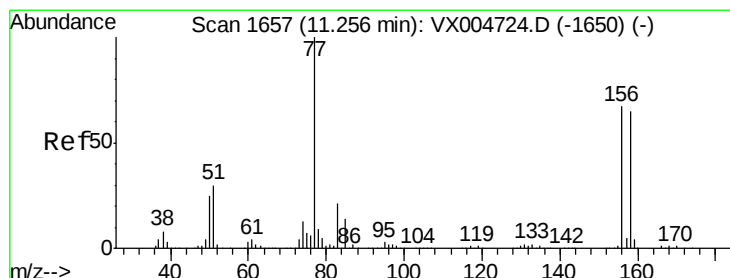
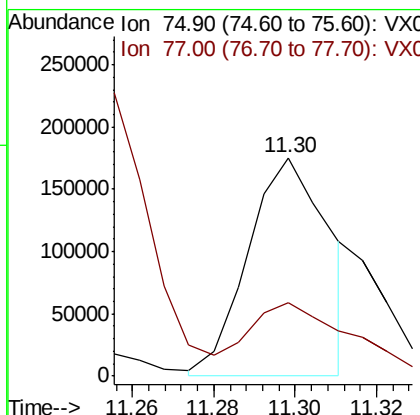
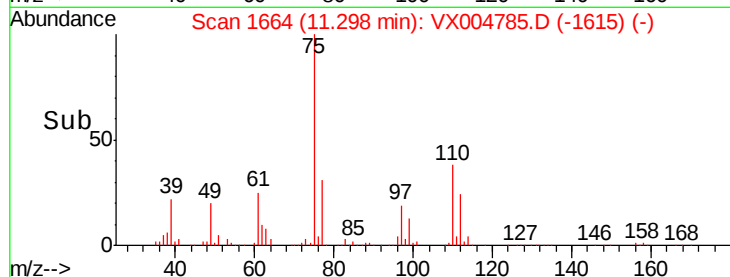
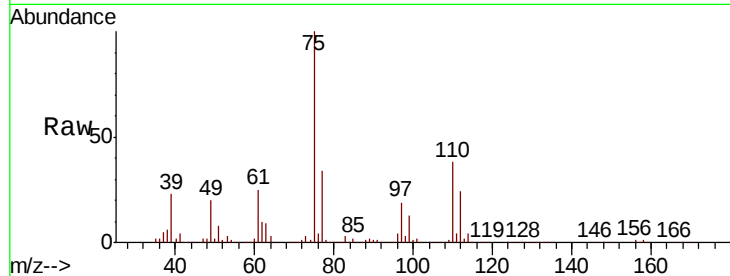
#76
1,2,3-Trichloropropane
Concen: 49.820 ug/l m
RT: 11.30 min Scan# 1664
Delta R.T. -0.00 min
Lab File: VX004785.D
Acq: 27 Sep 2018 20:10

Instrument :
MSVOA_X
ClientSampleId :
CMT-22-6-SEP18MSD

Tot Ion: 75 Resp: 241387
Ion Ratio Lower Upper
75 100
77 42.5 20.2 60.6

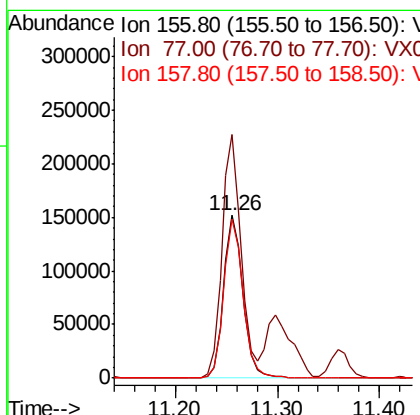
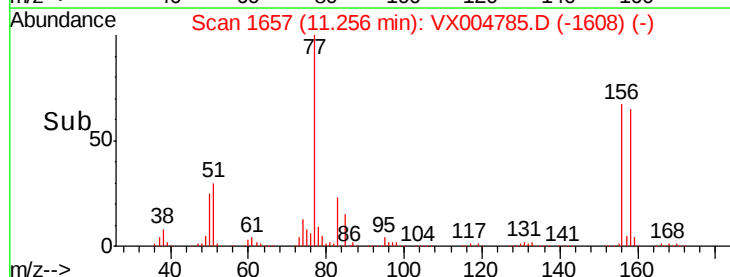
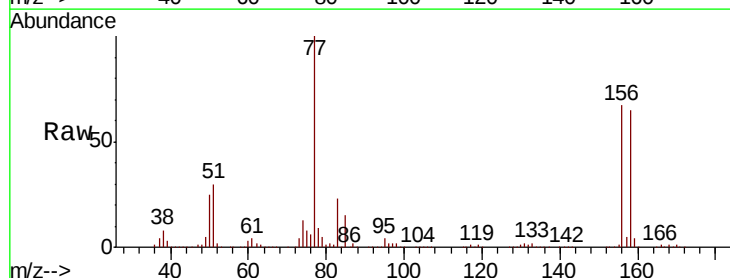
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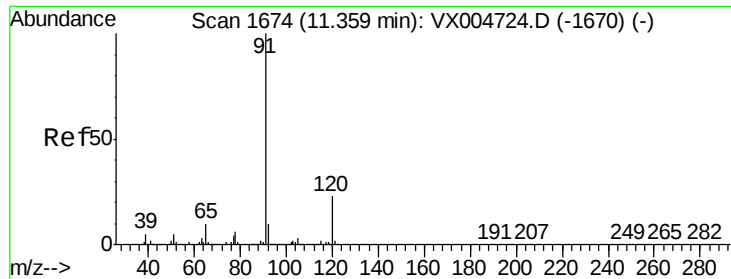
MMDadoda
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#77
Bromobenzene
Concen: 50.601 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. -0.00 min
Lab File: VX004785.D
Acq: 27 Sep 2018 20:10

Tgt Ion: 156 Resp: 200259
Ion Ratio Lower Upper
156 100
77 147.7 71.5 214.3
158 97.9 48.9 146.8





#78

n-propylbenzene

Concen: 54.728 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX004785.D

Acq: 27 Sep 2018 20:10

Instrument :

MSVOA_X

ClientSampleId :

CMT-22-6-SEP18MSD

Tot Ion: 91 Resp: 855600

Ion Ratio Lower Upper

91 100

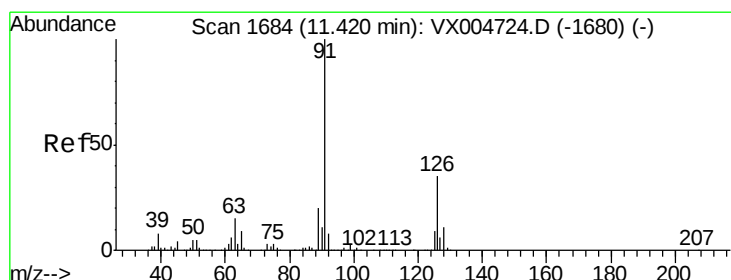
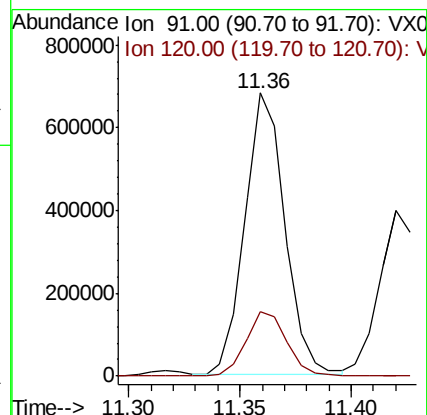
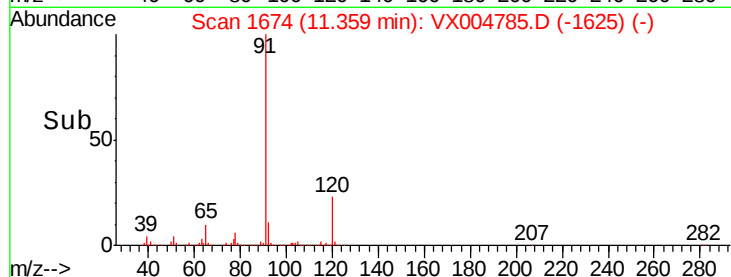
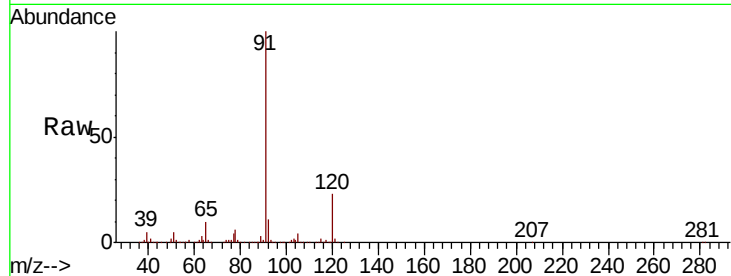
120 23.8 11.9 35.9

Manual Integrations

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#79

2-Chlorotoluene

Concen: 52.943 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX004785.D

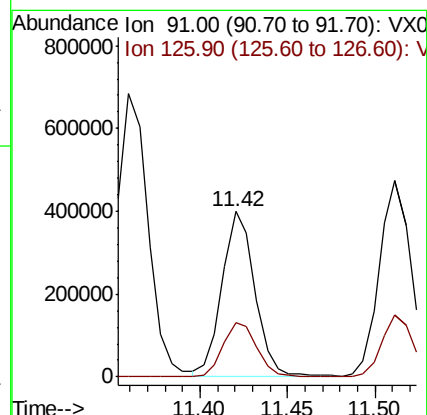
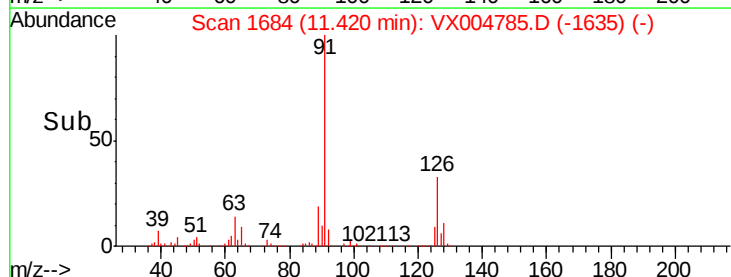
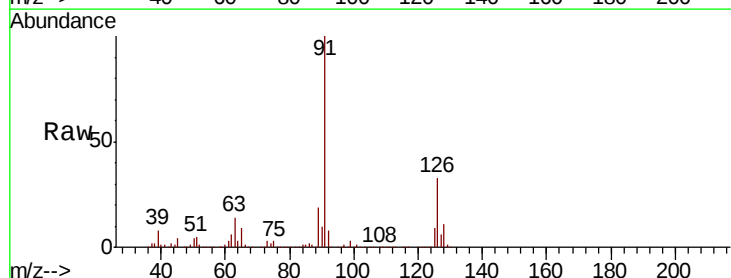
Acq: 27 Sep 2018 20:10

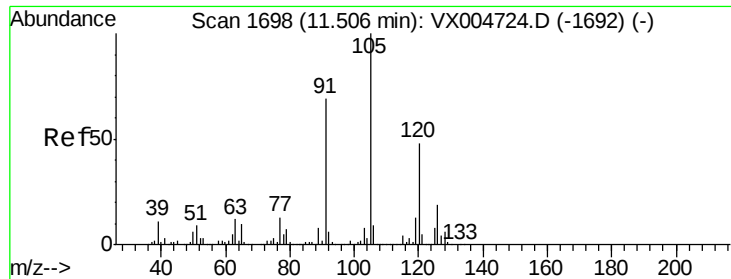
Tgt Ion: 91 Resp: 515916

Ion Ratio Lower Upper

91 100

126 34.7 17.9 53.7





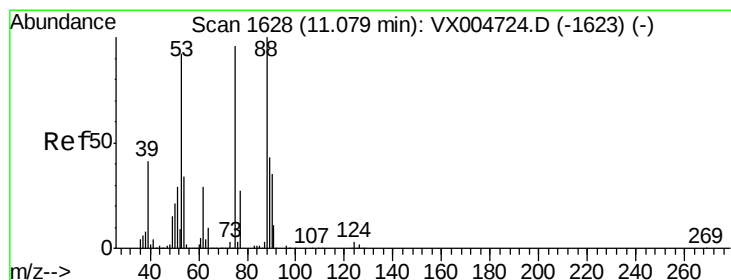
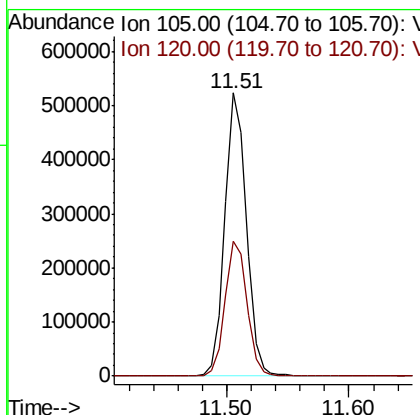
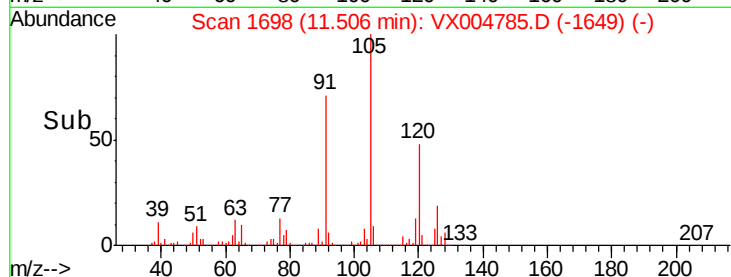
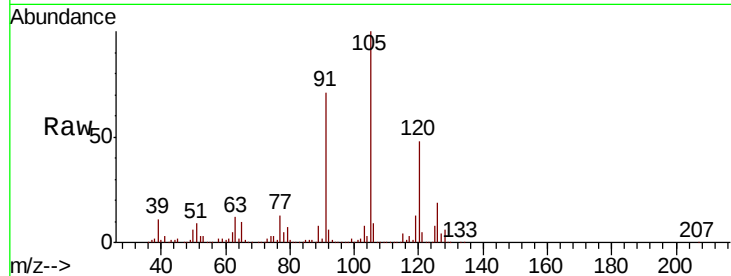
#80
 1,3,5-Trimethylbenzene
 Concen: 50.986 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX004785.D
 Acq: 27 Sep 2018 20:10

Instrument :
 MSVOA_X
 ClientSampleId :
 CMT-22-6-SEP18MSD

Tot Ion	Ratio	Lower	Upper
105	100		
120	48.6	25.6	76.8

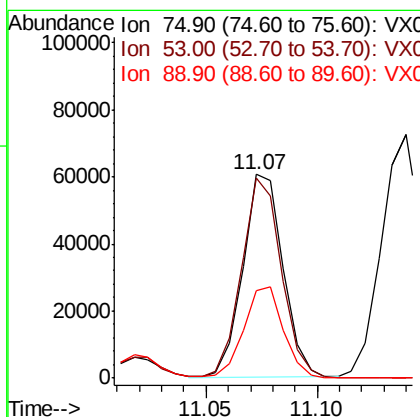
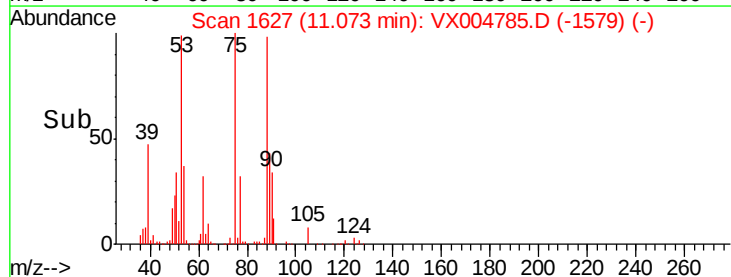
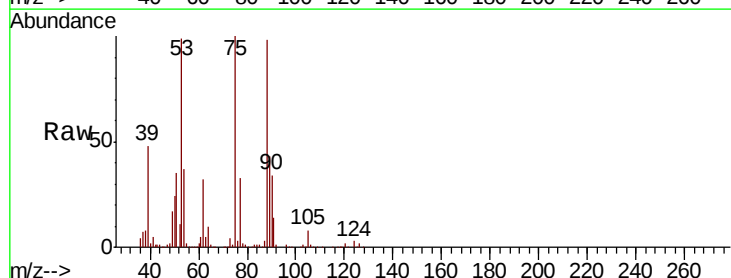
Manual Integrations
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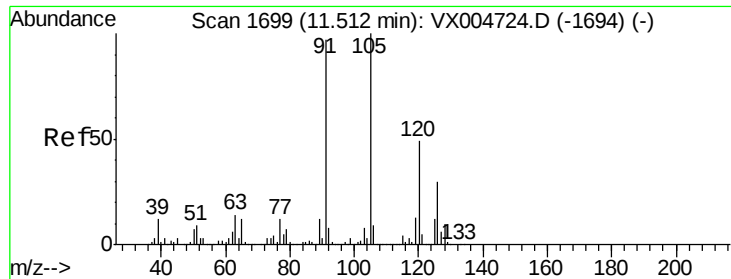
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#81
 trans-1,4-Dichloro-2-butene
 Concen: 43.140 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. -0.01 min
 Lab File: VX004785.D
 Acq: 27 Sep 2018 20:10

Tgt Ion	Ratio	Lower	Upper
75	100		
53	98.0	80.1	120.1
89	44.7	37.2	55.8





#82

4-Chlorotoluene

Concen: 53.090 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX004785.D

Acq: 27 Sep 2018 20:10

Instrument :

MSVOA_X

ClientSampleId :

CMT-22-6-SEP18MSD

Tot Ion: 91 Resp: 608947

Ion Ratio Lower Upper

91 100

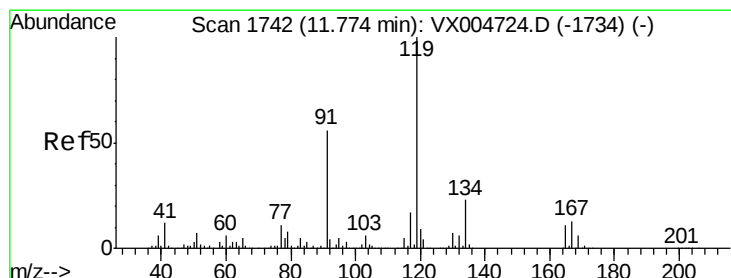
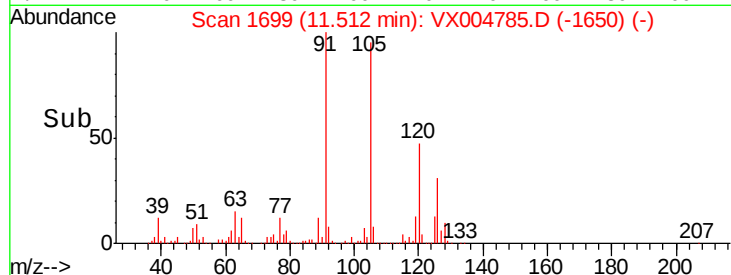
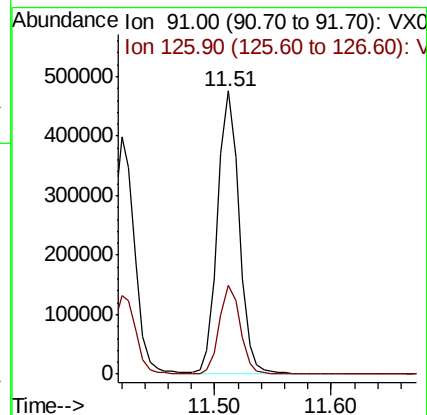
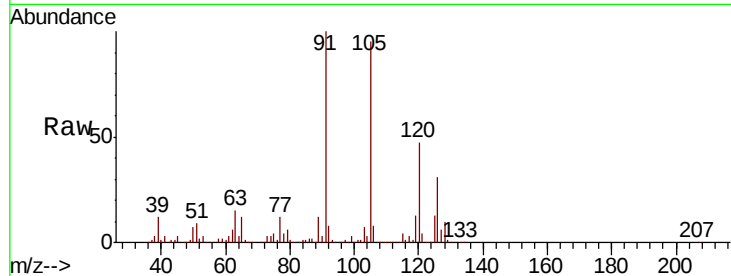
126 30.6 15.5 46.5

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#83

tert-Butylbenzene

Concen: 56.236 ug/l

RT: 11.77 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX004785.D

Acq: 27 Sep 2018 20:10

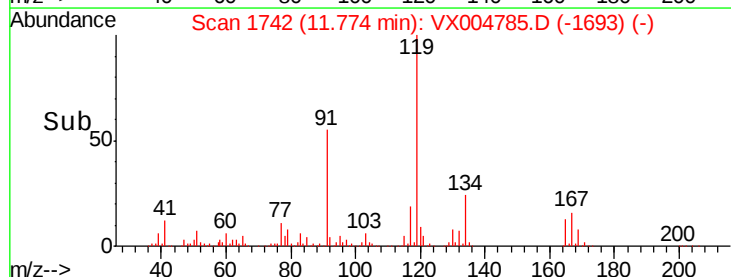
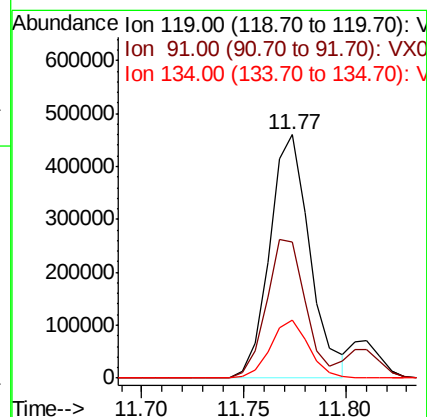
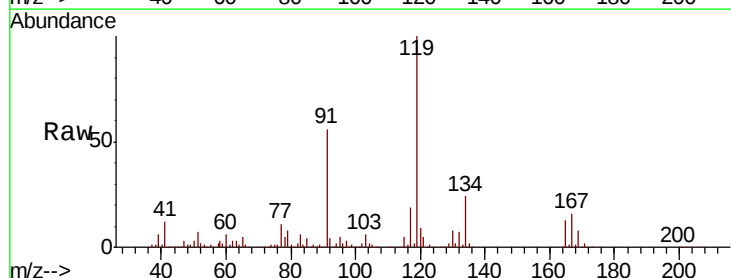
Tgt Ion: 119 Resp: 630869

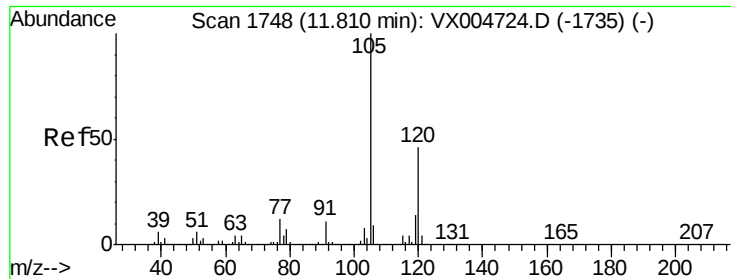
Ion Ratio Lower Upper

119 100

91 55.1 27.0 81.0

134 22.7 11.7 35.1





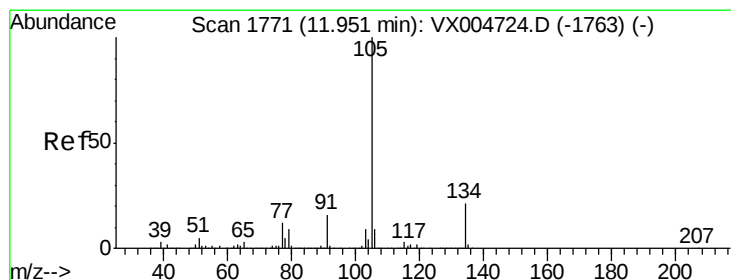
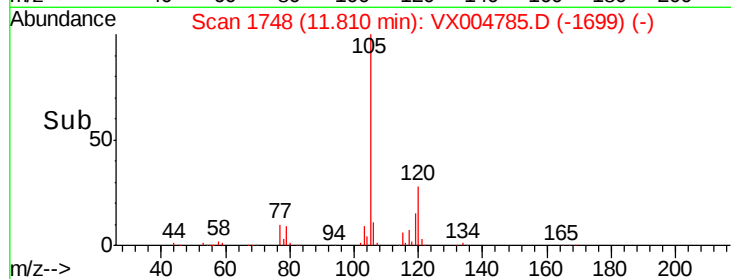
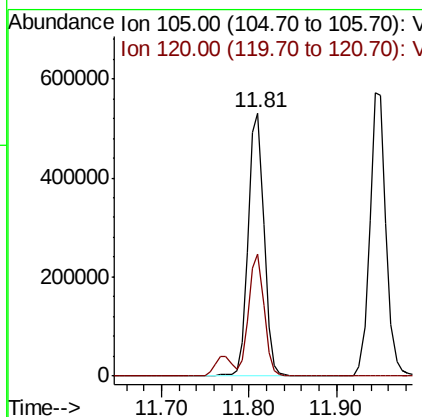
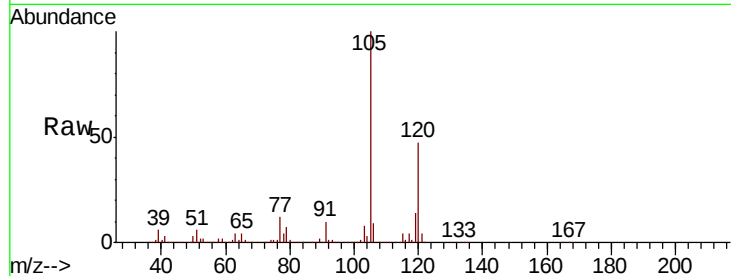
#84
 1,2,4-Trimethylbenzene
 Concen: 51.166 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: VX004785.D
 Acq: 27 Sep 2018 20:10

Instrument :
 MSVOA_X
 ClientSampleId :
 CMT-22-6-SEP18MSD

Tot Ion	Ratio	Resp	Lower	Upper
105	100	658895		
120	45.1	23.2	69.6	

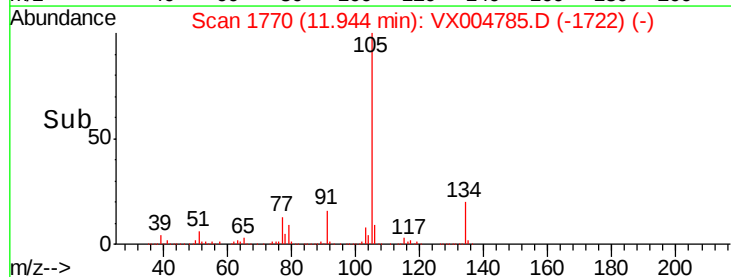
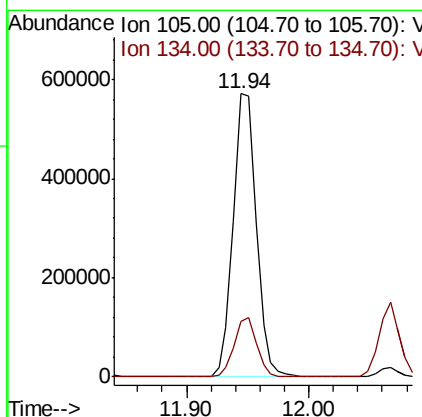
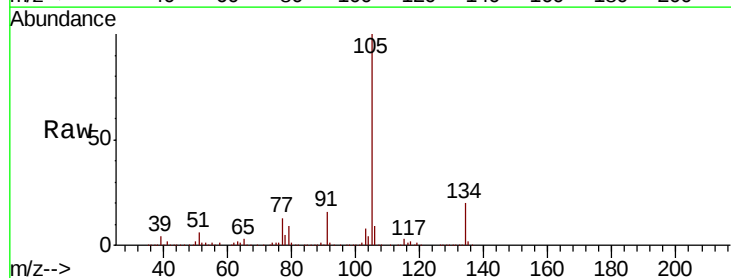
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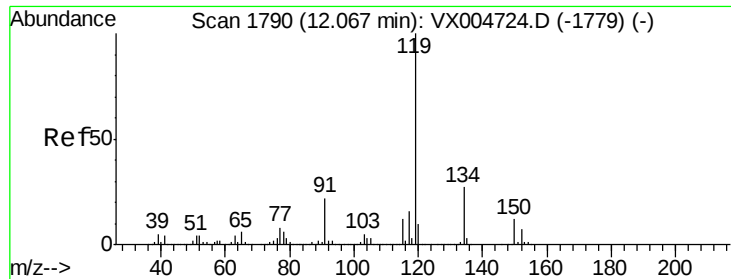
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#85
 sec-Butylbenzene
 Concen: 54.497 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.01 min
 Lab File: VX004785.D
 Acq: 27 Sep 2018 20:10

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	744659		
134	20.3	10.5	31.5	





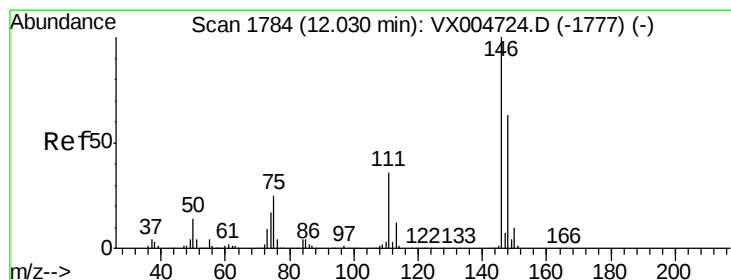
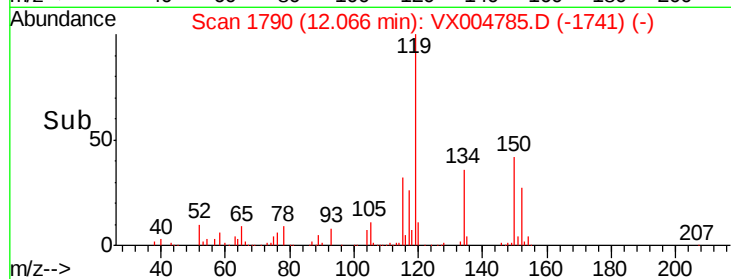
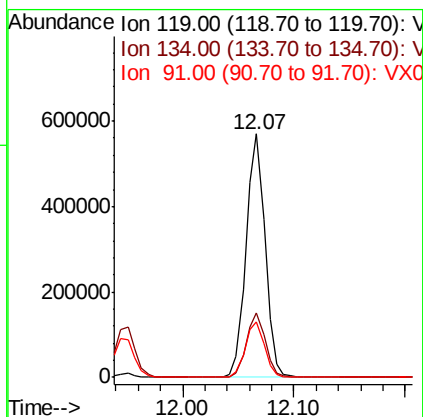
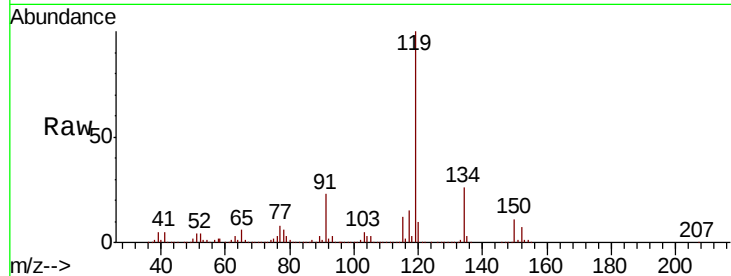
#86
p-Isopropyltoluene
Concen: 54.373 ug/l
RT: 12.07 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VX004785.D
Acq: 27 Sep 2018 20:10

Instrument :
MSVOA_X
ClientSampleId :
CMT-22-6-SEP18MSD

Tot Ion	Ratio	Resp	Lower	Upper
119	100	673131		
134	26.4		13.4	40.2
91	23.1		10.9	32.7

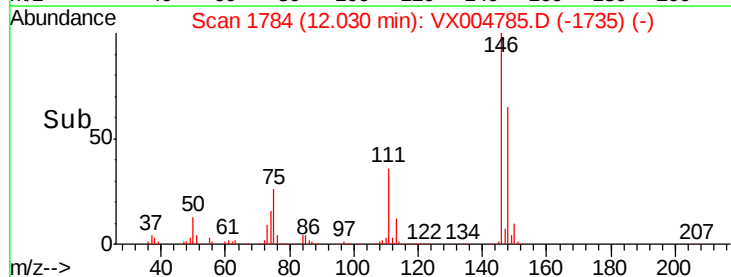
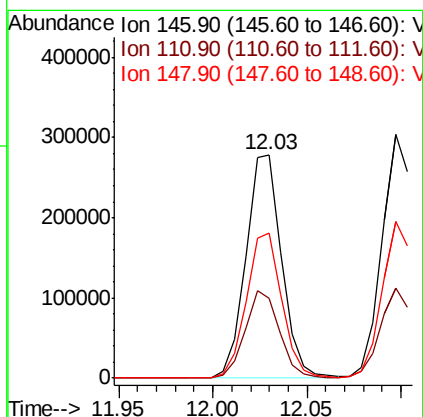
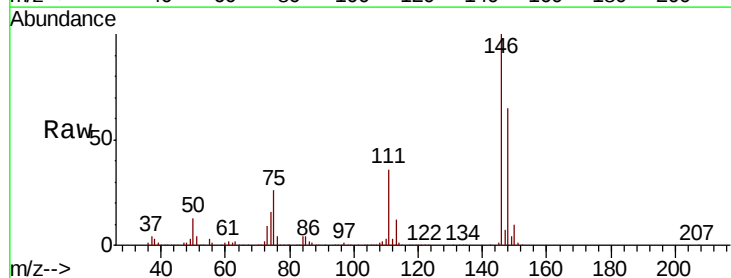
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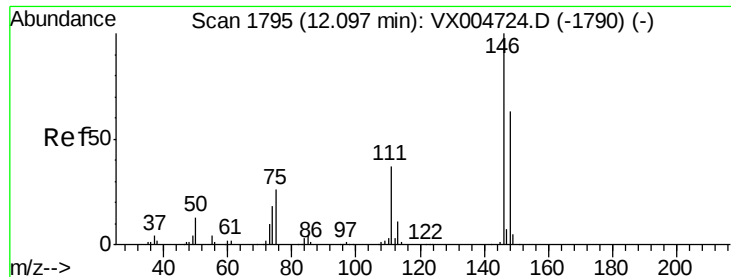
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#87
1,3-Dichlorobenzene
Concen: 49.573 ug/l
RT: 12.03 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX004785.D
Acq: 27 Sep 2018 20:10

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	366350		
111	37.6		18.7	56.1
148	64.2		32.1	96.5





#88

1,4-Dichlorobenzene

Concen: 48.951 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX004785.D

Acq: 27 Sep 2018 20:10

Instrument :

MSVOA_X

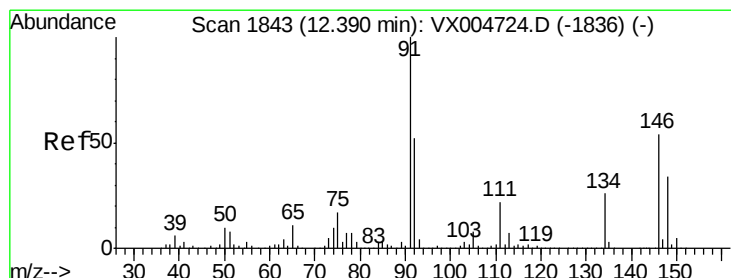
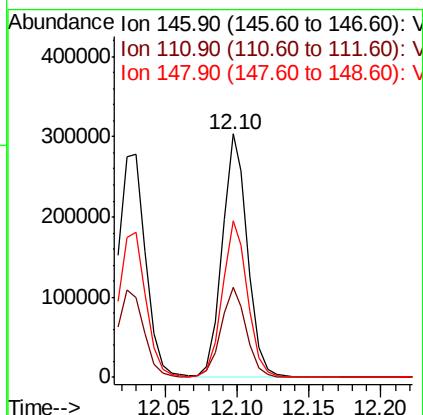
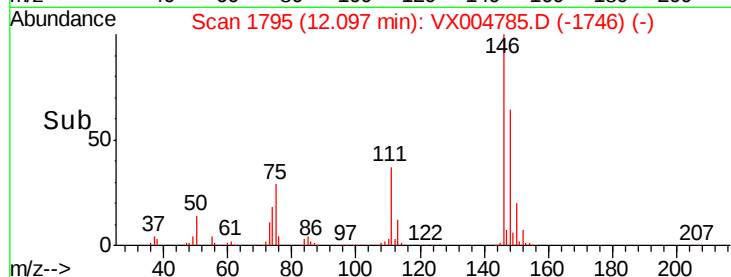
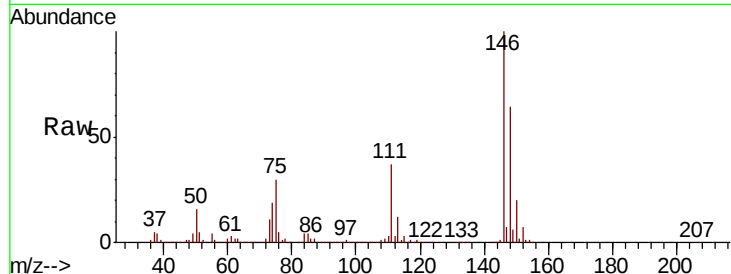
ClientSampleId :

CMT-22-6-SEP18MSD

Tot Ion:	146	Resp:	373435
Ion Ratio	Lower	Upper	
146	100		
111	37.3	18.1	54.1
148	64.3	32.0	96.0

Manual Integrations
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#89

n-Butylbenzene

Concen: 53.280 ug/l

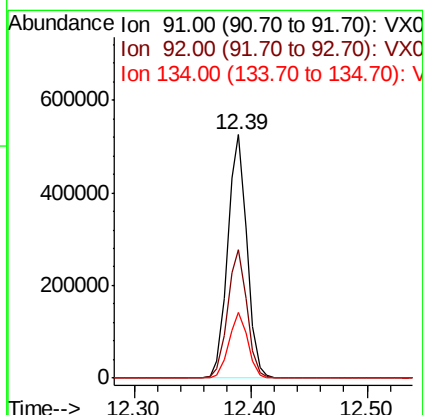
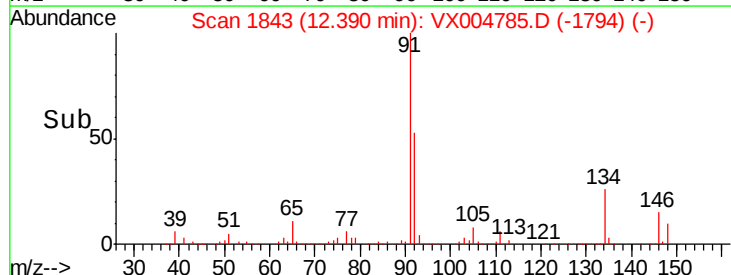
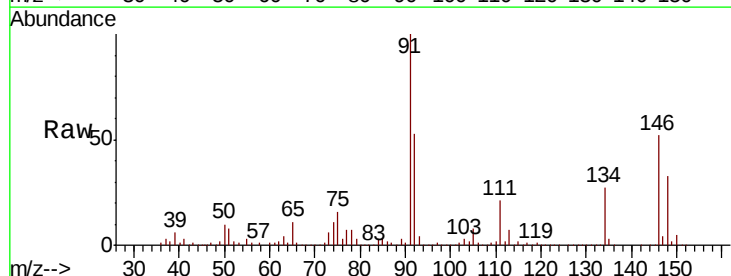
RT: 12.39 min Scan# 1843

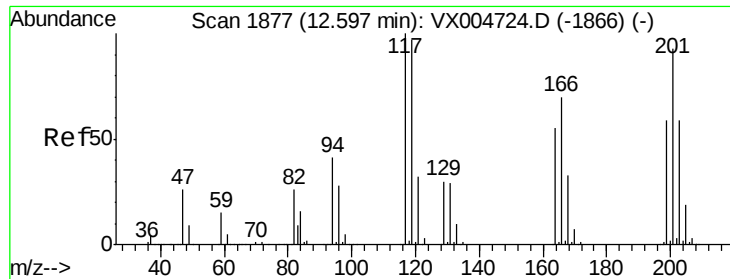
Delta R.T. -0.00 min

Lab File: VX004785.D

Acq: 27 Sep 2018 20:10

Tgt Ion:	91	Resp:	599050
Ion Ratio	Lower	Upper	
91	100		
92	52.9	27.3	81.9
134	26.5	13.6	40.7





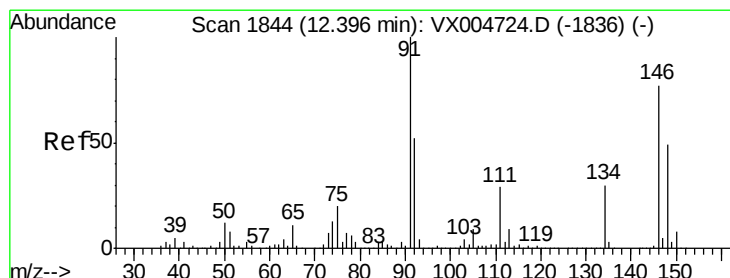
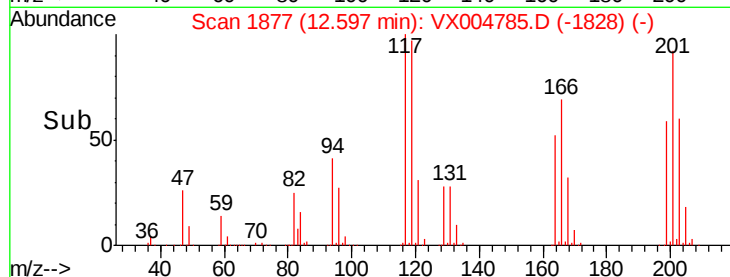
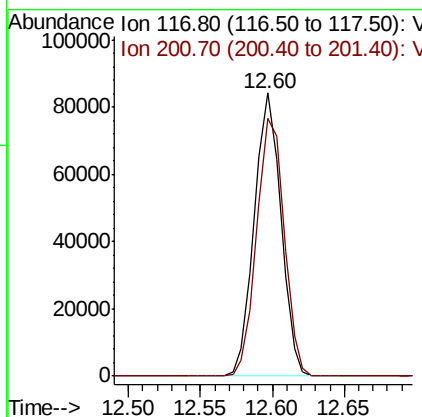
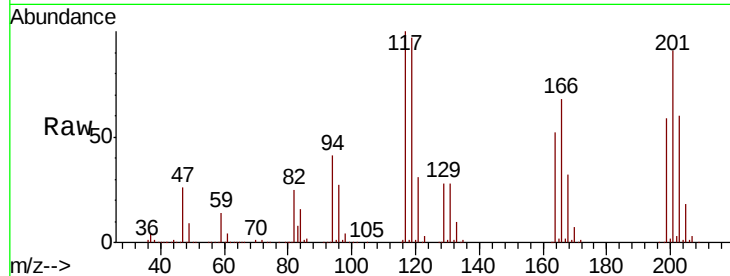
#90
Hexachloroethane
Concen: 52.117 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX004785.D
Acq: 27 Sep 2018 20:10

Instrument :
MSVOA_X
ClientSampleId :
CMT-22-6-SEP18MSD

Tot Ion	Ratio	Resp	Lower	Upper
117	100	107426		
201	94.2	46.9	140.6	

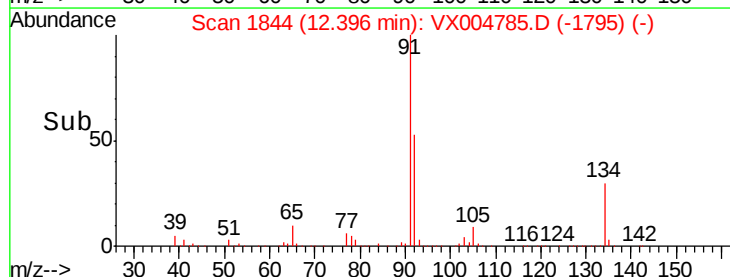
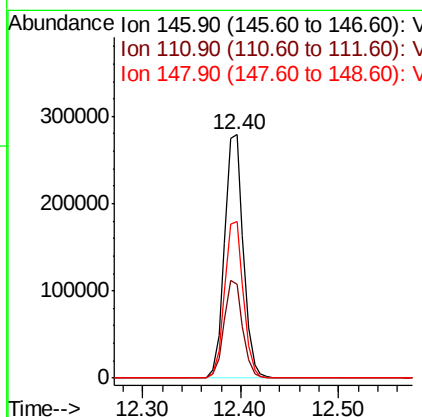
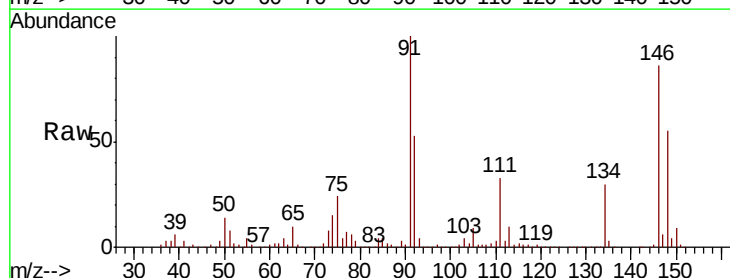
Manual Integrations
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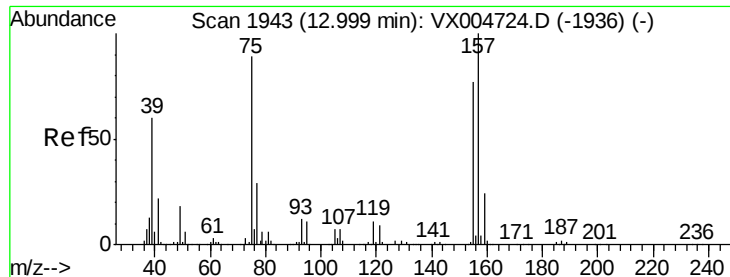
MMDadoda
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#91
1,2-Dichlorobenzene
Concen: 47.850 ug/l
RT: 12.40 min Scan# 1844
Delta R.T. -0.00 min
Lab File: VX004785.D
Acq: 27 Sep 2018 20:10

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	369540		
111	39.7	19.4	58.1	
148	64.1	32.8	98.3	





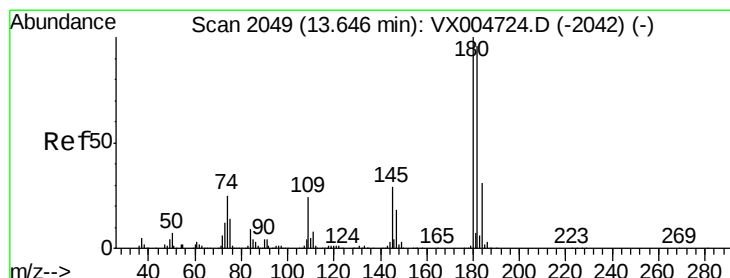
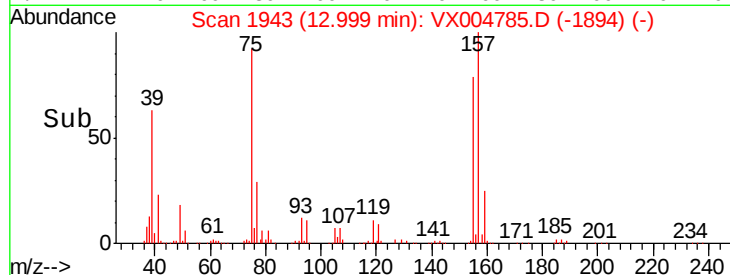
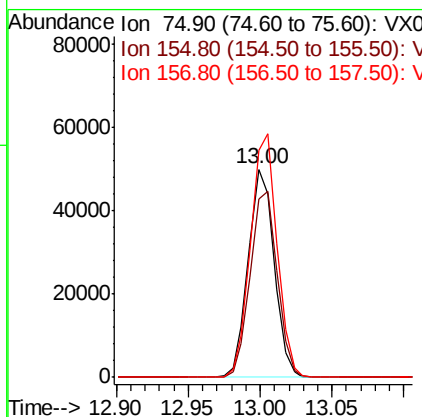
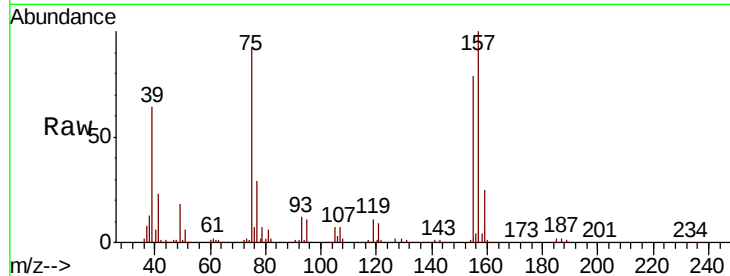
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.030 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX004785.D
 Acq: 27 Sep 2018 20:10

Instrument :
 MSVOA_X
 ClientSampleId :
 CMT-22-6-SEP18MSD

Tot Ion	Ratio	Lower	Upper
75	100		
155	92.6	48.0	144.2
157	118.7	61.4	184.1

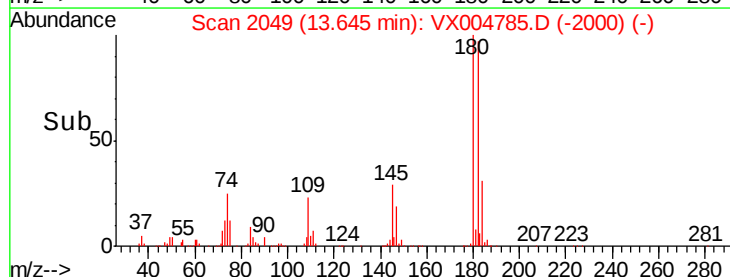
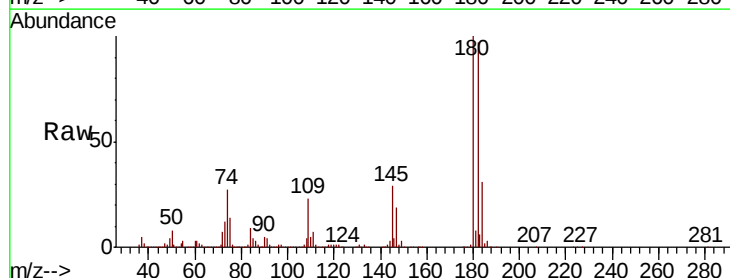
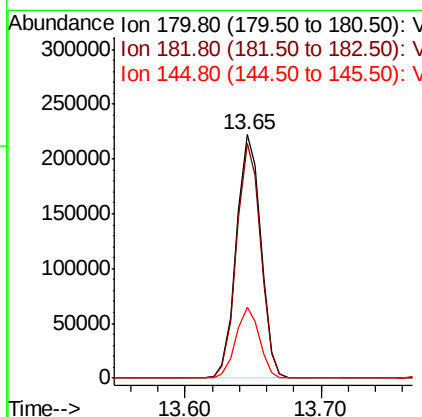
Manual Integrations
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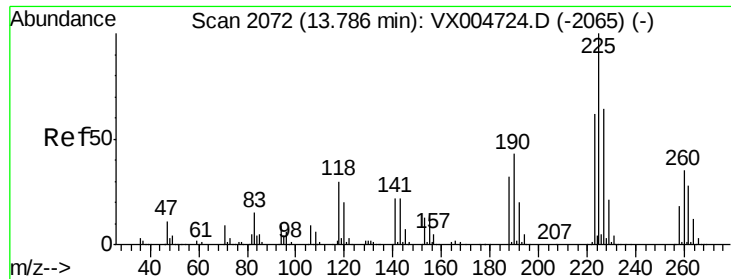
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#93
 1,2,4-Trichlorobenzene
 Concen: 51.207 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX004785.D
 Acq: 27 Sep 2018 20:10

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	48.4	145.0
145	28.1	14.3	42.9





#94

Hexachlorobutadiene

Concen: 46.234 ug/l

RT: 13.79 min Scan# 2072

Delta R.T. -0.00 min

Lab File: VX004785.D

Acq: 27 Sep 2018 20:10

Instrument :

MSVOA_X

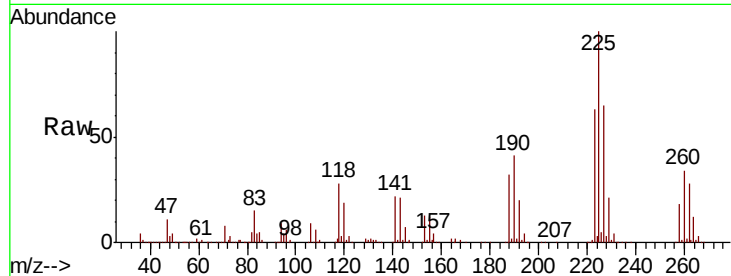
ClientSampleId :

CMT-22-6-SEP18MSD

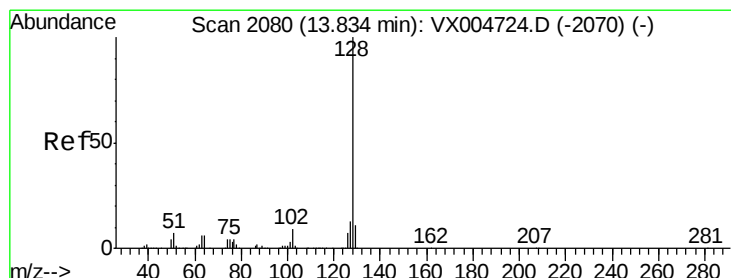
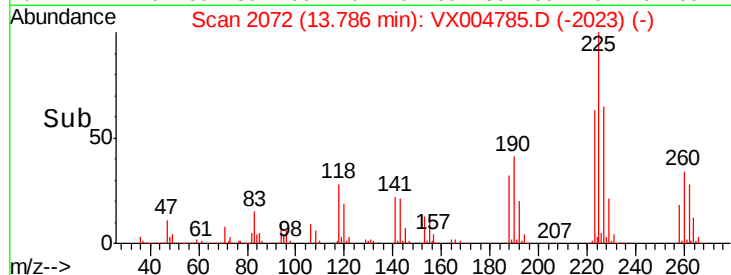
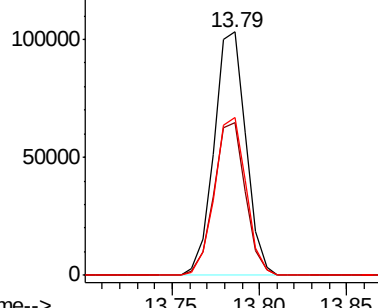
Tot Ion:	225	Resp:	129884
Ion Ratio		Lower	Upper
225	100		
223	62.2	30.1	90.5
227	64.2	30.8	92.4

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Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 50.249 ug/l

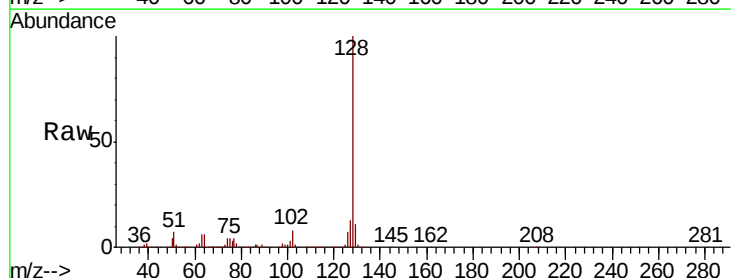
RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

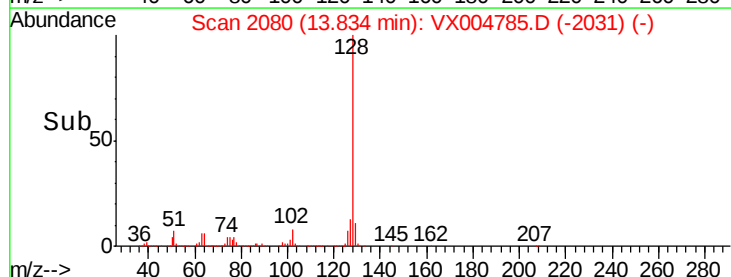
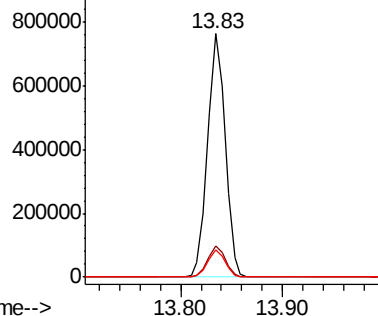
Lab File: VX004785.D

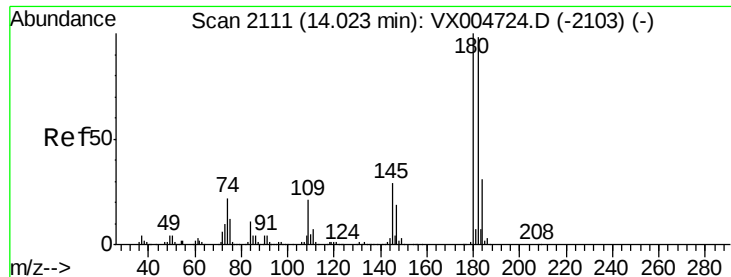
Acq: 27 Sep 2018 20:10

Tgt Ion:	128	Resp:	903601
Ion Ratio		Lower	Upper
128	100		
127	13.0	10.2	15.2
129	11.0	8.6	12.8



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V





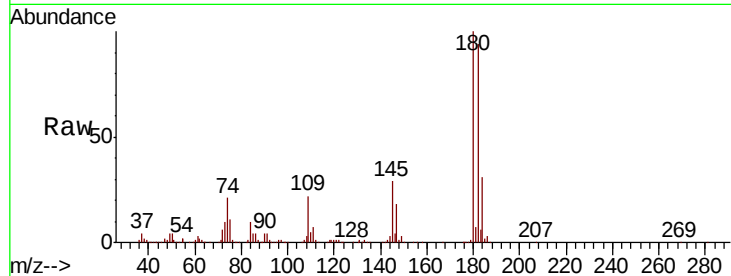
#96
 1,2,3-Trichlorobenzene
 Concen: 51.236 ug/l
 RT: 14.02 min Scan# 2111
 Delta R.T. -0.00 min
 Lab File: VX004785.D
 Acq: 27 Sep 2018 20:10

Instrument :
 MSVOA_X
 ClientSampleId :
 CMT-22-6-SEP18MSD

Tot Ion	Ratio	Resp	Lower	Upper
180	100	286737		
182	94.3		48.5	145.6
145	29.9		14.9	44.9

Manual Integrations
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Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

