

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX103118\
 Data File : VX005709.D
 Acq On : 31 Oct 2018 15:20
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 11/1/2018 9:49:22 AM

Quant Time: Oct 31 15:48:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 31 15:44:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	117953	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	185361	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	169814	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	89667	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	82204	57.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.18%	
35) Dibromofluoromethane	5.50	113	60810	48.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.90%	
50) Toluene-d8	8.71	98	220310	48.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.70%	
62) 4-Bromofluorobenzene	11.14	95	81214	47.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	75918	65.208	ug/l	99
3) Chloromethane	1.32	50	80580	54.348	ug/l	94
4) Vinyl Chloride	1.41	62	87331	59.902	ug/l	97
5) Bromomethane	1.64	94	95826	105.633	ug/l	94
6) Chloroethane	1.71	64	51495	55.291	ug/l	100
7) Trichlorofluoromethane	1.92	101	107633	53.132	ug/l	97
8) Diethyl Ether	2.19	74	47307	58.517	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.38	101	62855	54.079	ug/l	90
10) Methyl Iodide	2.51	142	65137	59.311	ug/l	99
11) Tert butyl alcohol	3.08	59	118011	304.578	ug/l	99
12) 1,1-Dichloroethene	2.37	96	59913	54.111	ug/l	88
13) Acrolein	2.30	56	82535	417.592	ug/l	100
14) Allyl chloride	2.73	41	130220	52.697	ug/l	95
15) Acrylonitrile	3.15	53	256775	295.542	ug/l	98
16) Acetone	2.45	43	230958	303.559	ug/l	92
17) Carbon Disulfide	2.57	76	184468	54.654	ug/l	100
18) Methyl Acetate	2.78	43	117400	55.083	ug/l	96
19) Methyl tert-butyl Ether	3.20	73	222750	56.398	ug/l	95
20) Methylene Chloride	2.85	84	71247	55.912	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	63493	52.520	ug/l	89
22) Diisopropyl ether	3.87	45	241691	56.008	ug/l #	93
23) Vinyl Acetate	3.82	43	1099511	289.308	ug/l	97
24) 1,1-Dichloroethane	3.70	63	135211	57.632	ug/l	98
25) 2-Butanone	4.70	43	364637	314.724	ug/l	100
26) 2,2-Dichloropropane	4.57	77	101035	55.780	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	73224	56.183	ug/l	93
28) Bromochloromethane	5.02	49	65410	57.644	ug/l	91
29) Tetrahydrofuran	5.15	42	228238	302.708	ug/l	95
30) Chloroform	5.21	83	131023	59.703	ug/l	93
31) Cyclohexane	5.58	56	117905	60.739	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	107227	55.359	ug/l	96
36) 1,1-Dichloropropene	5.80	75	99502	55.314	ug/l	97
37) Ethyl Acetate	4.86	43	126046	54.910	ug/l	97
38) Carbon Tetrachloride	5.79	117	91026	48.045	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	107219	53.978	ug/l	97
40) Benzene	6.14	78	298969	57.978	ug/l	96
41) Methacrylonitrile	5.06	41	70480	55.120	ug/l	96
42) 1,2-Dichloroethane	6.20	62	110156	56.233	ug/l	99
43) Isopropyl Acetate	6.46	43	192000	55.817	ug/l	97
44) Trichloroethene	7.21	130	67281	47.894	ug/l	98
45) 1,2-Dichloropropane	7.51	63	79927	57.652	ug/l	96
46) Dibromomethane	7.66	93	46376	51.794	ug/l	89
47) Bromodichloromethane	7.90	83	92987	53.507	ug/l	99
48) Methyl methacrylate	7.77	41	94042	56.120	ug/l	98
49) 1,4-Dioxane	7.76	88	40818	1114.617	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	658732	284.948	ug/l	98
52) Toluene	8.79	92	170084	54.272	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	106045	56.461	ug/l	92
54) cis-1,3-Dichloropropene	8.44	75	111235	55.008	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	72389	54.787	ug/l	97
56) Ethyl methacrylate	9.18	69	115932	58.825	ug/l	97
57) 1,3-Dichloropropane	9.37	76	120199	53.765	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	331514	301.181	ug/l	92
59) 2-Hexanone	9.50	43	543259	298.050	ug/l	99
60) Dibromochloromethane	9.59	129	70584	51.202	ug/l	96
61) 1,2-Dibromoethane	9.68	107	77294	56.546	ug/l	100
64) Tetrachloroethene	9.34	164	64153	45.509	ug/l	95
65) Chlorobenzene	10.14	112	178481	49.358	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	62334	47.275	ug/l	98
67) Ethyl Benzene	10.25	91	320484	53.867	ug/l	97
68) m/p-Xylenes	10.36	106	241424	104.593	ug/l	93
69) o-Xylene	10.70	106	116011	53.421	ug/l	96
70) Styrene	10.71	104	195859	53.876	ug/l	97
71) Bromoform	10.86	173	51437	43.717	ug/l #	97
73) Isopropylbenzene	11.02	105	317013	57.837	ug/l	99
74) N-amyl acetate	10.90	43	168267	61.955	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	123524	61.085	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	112209m	59.063	ug/l	
77) Bromobenzene	11.26	156	74926	49.050	ug/l	87
78) n-propylbenzene	11.36	91	386185	61.617	ug/l	95
79) 2-Chlorotoluene	11.42	91	225081	57.920	ug/l	96
80) 1,3,5-Trimethylbenzene	11.51	105	273959	58.427	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	36224	62.302	ug/l	97
82) 4-Chlorotoluene	11.51	91	268256	58.542	ug/l	96
83) tert-Butylbenzene	11.77	119	255363	54.636	ug/l	95
84) 1,2,4-Trimethylbenzene	11.81	105	278268	58.556	ug/l	98
85) sec-Butylbenzene	11.94	105	327366	58.698	ug/l	97
86) p-Isopropyltoluene	12.07	119	279560	56.073	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	142503	49.609	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	143832	47.969	ug/l	97
89) n-Butylbenzene	12.39	91	275562	61.224	ug/l	98
90) Hexachloroethane	12.60	117	47627	55.388	ug/l	82
91) 1,2-Dichlorobenzene	12.39	146	145022	49.901	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	29028	59.369	ug/l	87

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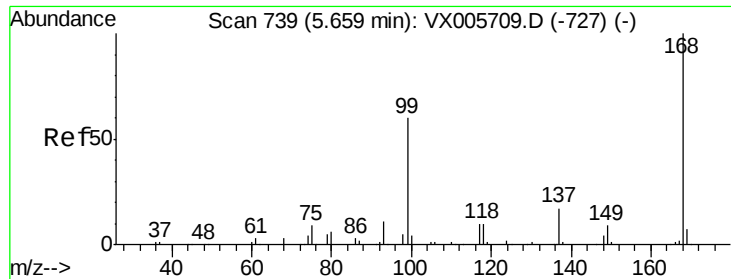
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	97582	46.319	ug/l	99
94) Hexachlorobutadiene	13.79	225	44556	40.812	ug/l	99
95) Naphthalene	13.83	128	351029	57.322	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	101794	47.666	ug/l	98

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



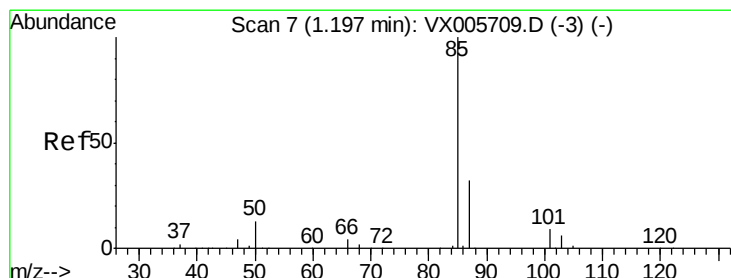
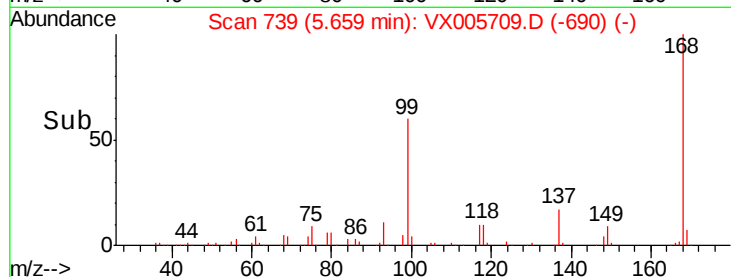
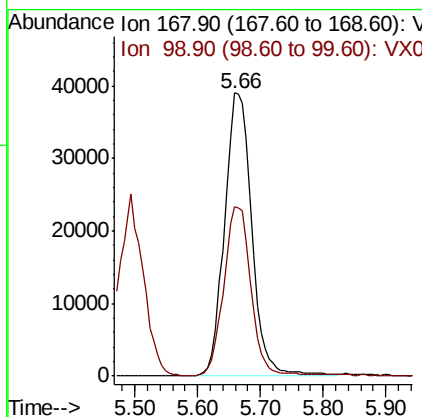
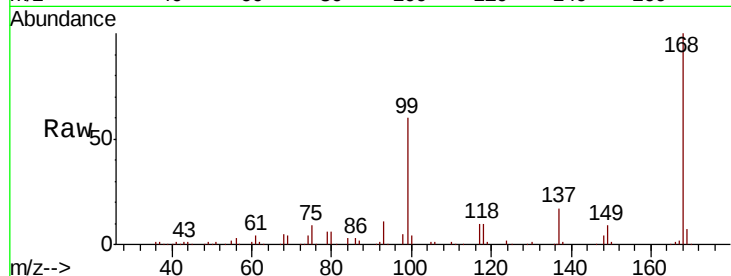
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.00 min
Lab File: VX005709.D
Acq: 31 Oct 2018 15:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion:168 Resp: 117953
Ion Ratio Lower Upper
168 100
99 59.9 40.7 61.1

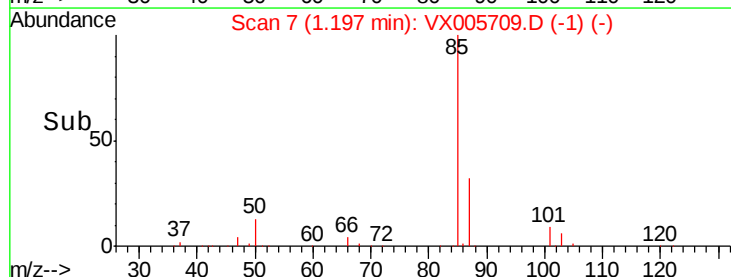
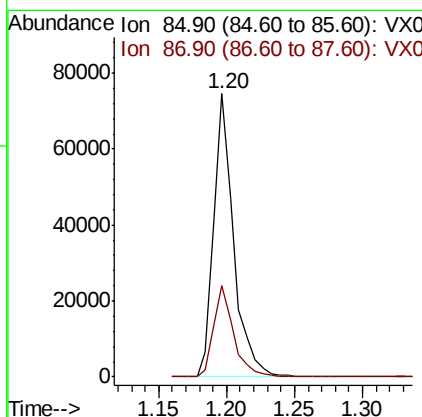
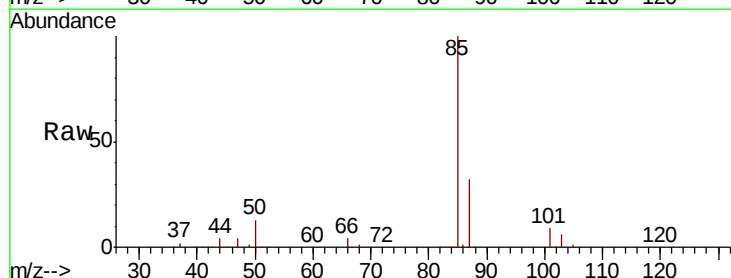
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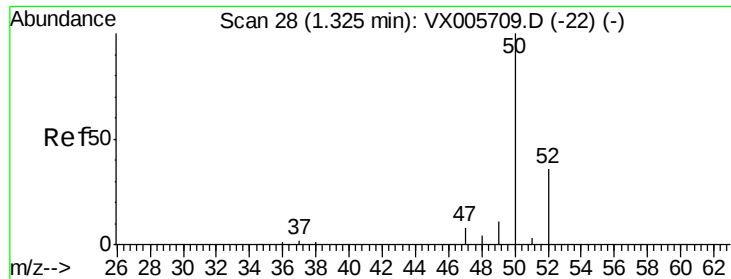
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#2
Dichlorodifluoromethane
Concen: 65.208 ug/l
RT: 1.20 min Scan# 7
Delta R.T. 0.00 min
Lab File: VX005709.D
Acq: 31 Oct 2018 15:20

Tgt Ion: 85 Resp: 75918
Ion Ratio Lower Upper
85 100
87 32.2 16.3 48.9





#3

Chloromethane

Concen: 54.348 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX005709.D

Acq: 31 Oct 2018 15:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 50 Resp: 80580

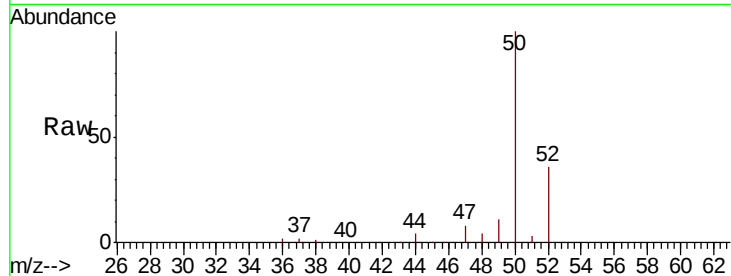
Ion Ratio Lower Upper

50 100

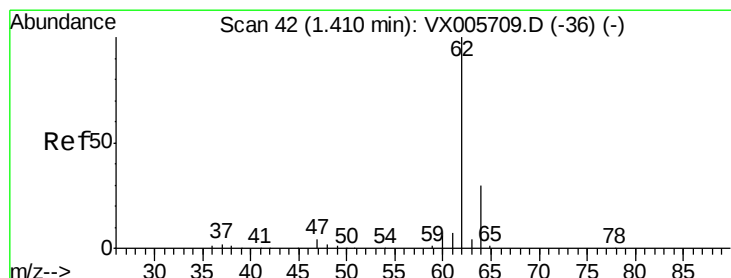
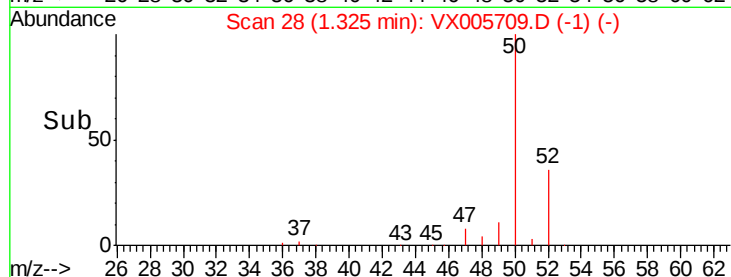
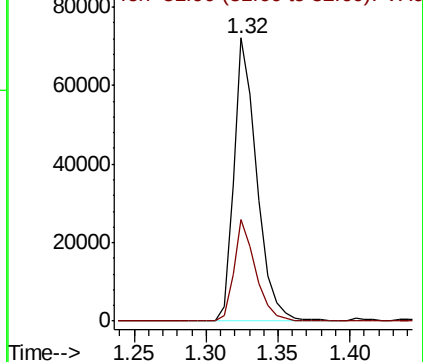
52 35.9 26.2 39.2

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Abundance Ion 49.90 (49.60 to 50.60): VX0
Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 59.902 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX005709.D

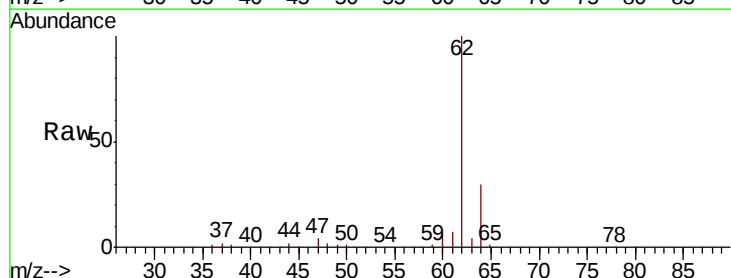
Acq: 31 Oct 2018 15:20

Tgt Ion: 62 Resp: 87331

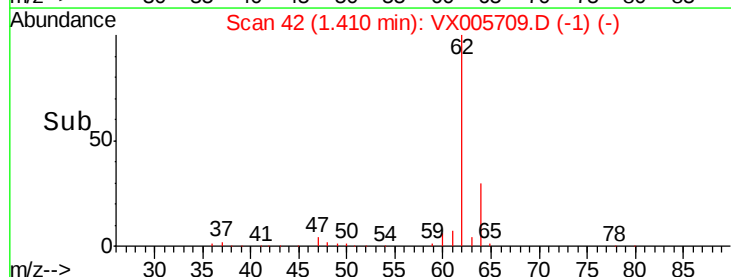
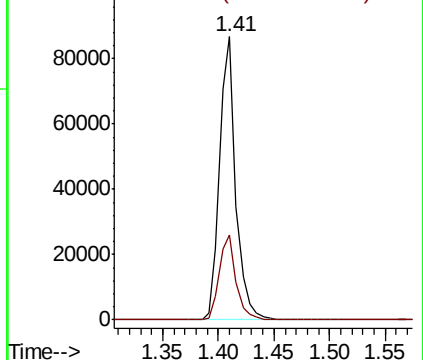
Ion Ratio Lower Upper

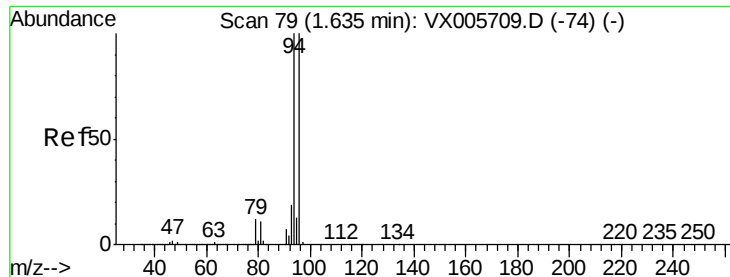
62 100

64 30.2 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 105.633 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX005709.D

Acq: 31 Oct 2018 15:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 94 Resp: 95826

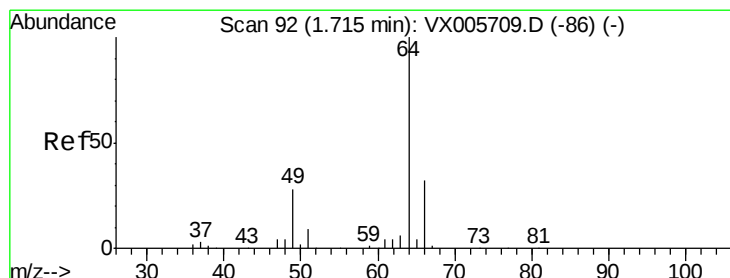
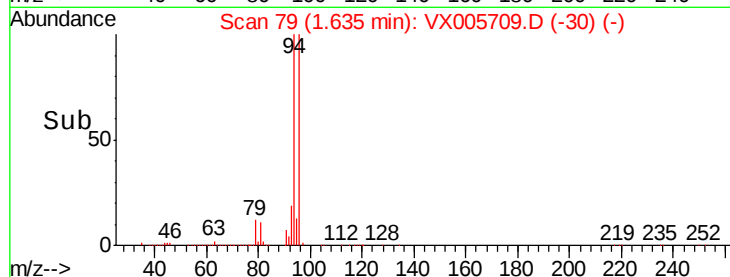
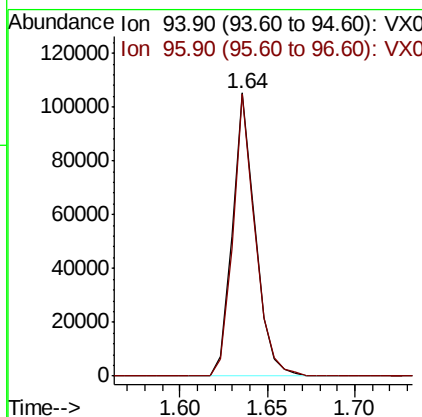
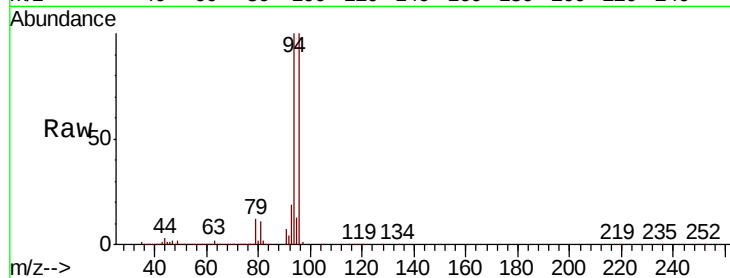
Ion Ratio Lower Upper

94 100

96 99.8 75.2 112.8

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#6

Chloroethane

Concen: 55.291 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX005709.D

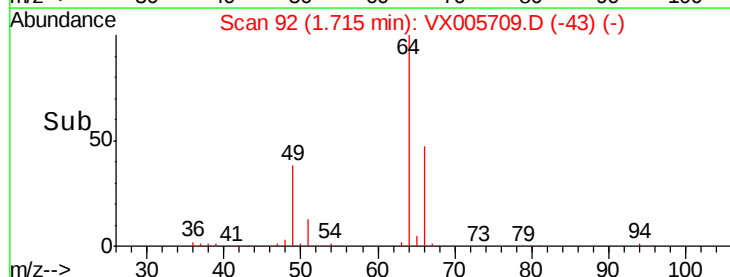
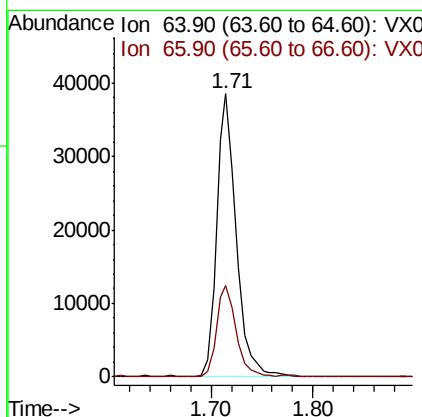
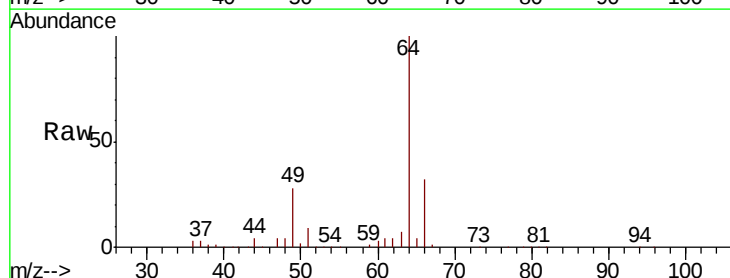
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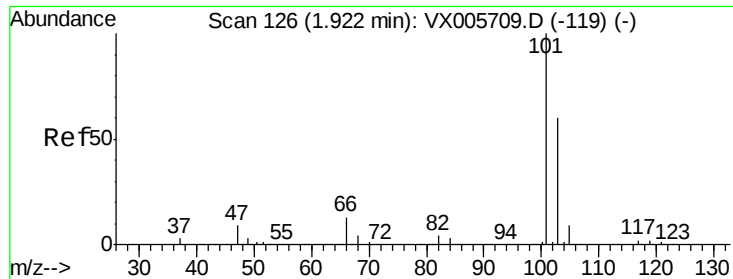
Tgt Ion: 64 Resp: 51495

Ion Ratio Lower Upper

64 100

66 32.5 25.8 38.6





#7

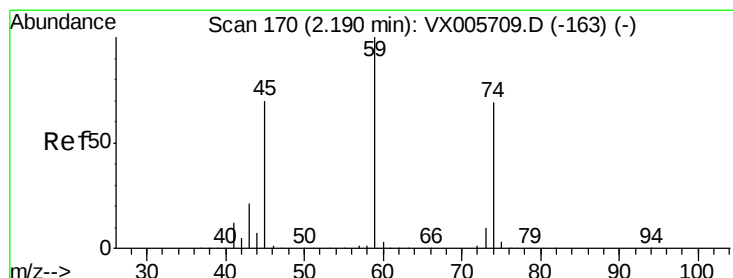
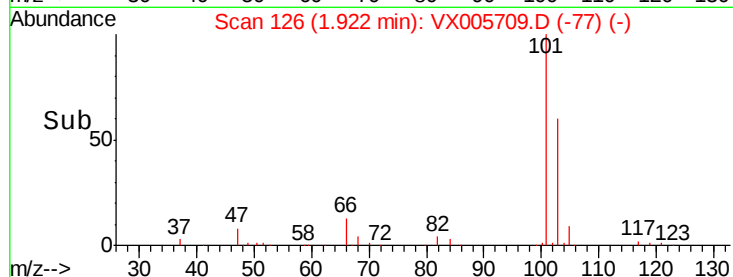
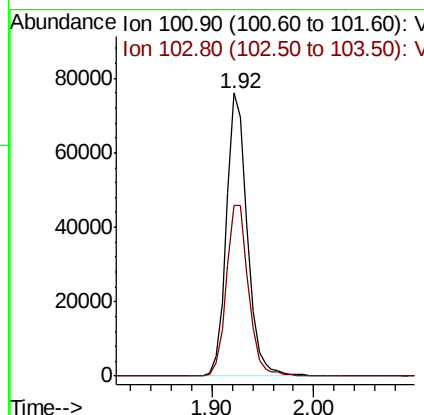
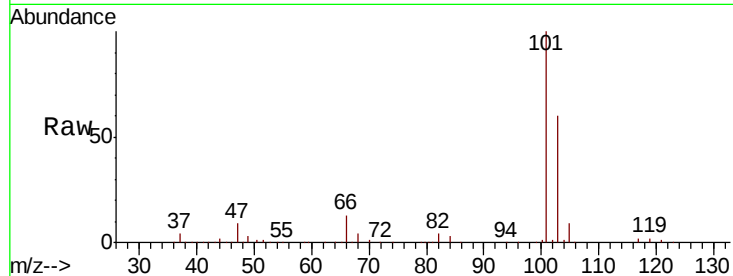
Trichlorofluoromethane
 Concen: 53.132 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. 0.00 min
 Lab File: VX005709.D
 Acq: 31 Oct 2018 15:20

Instrument :
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 VSTDICCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		107633		
103	60.4	50.0	75.0		

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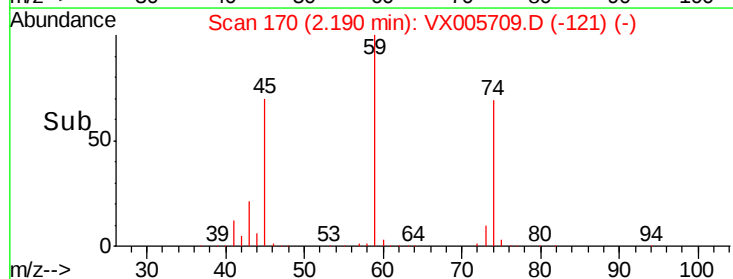
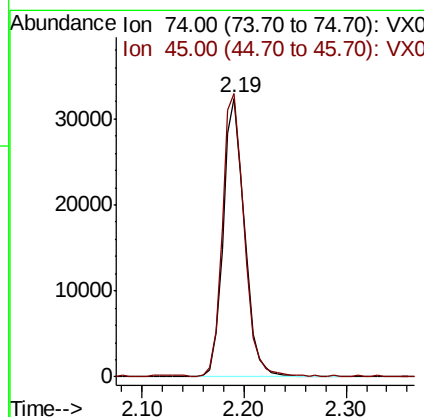
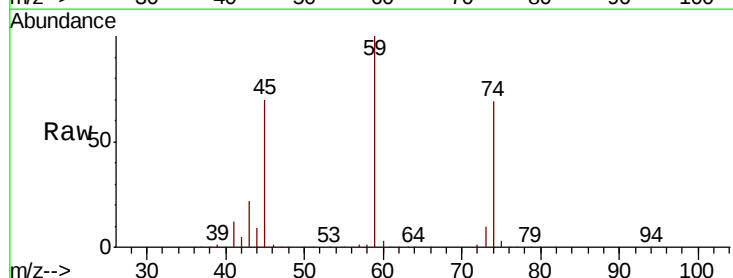
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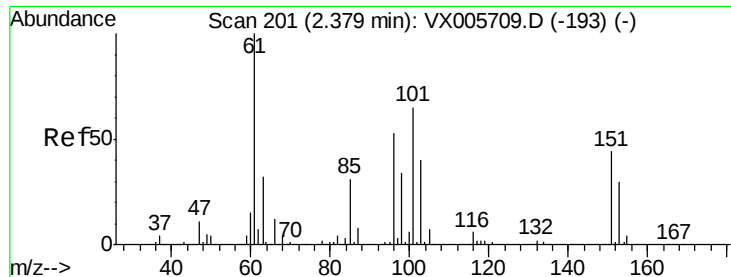


#8

Diethyl Ether
 Concen: 58.517 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX005709.D
 Acq: 31 Oct 2018 15:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		47307		
45	102.7	54.1	162.3		





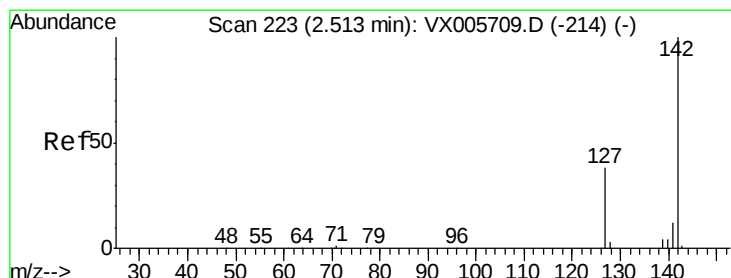
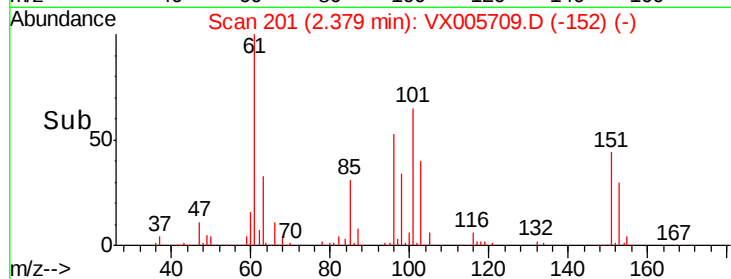
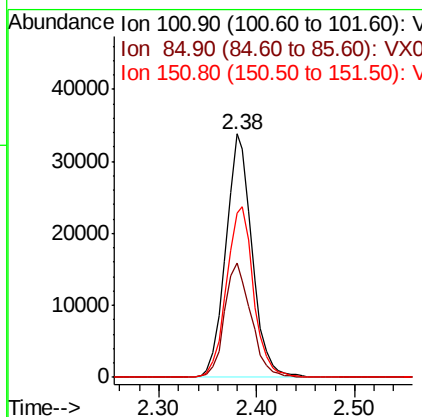
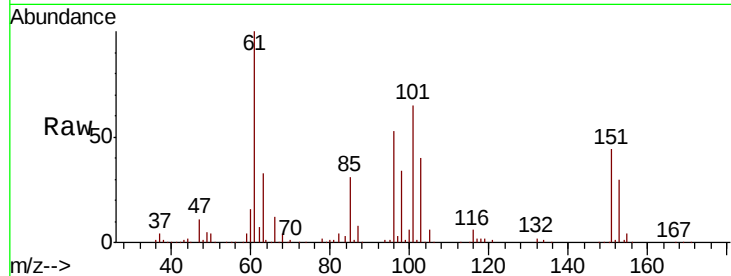
#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.079 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.00 min
Lab File: VX005709.D
Acq: 31 Oct 2018 15:20

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MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
101	100	62855		
85	47.4		35.0	52.4
151	72.1		66.2	99.2

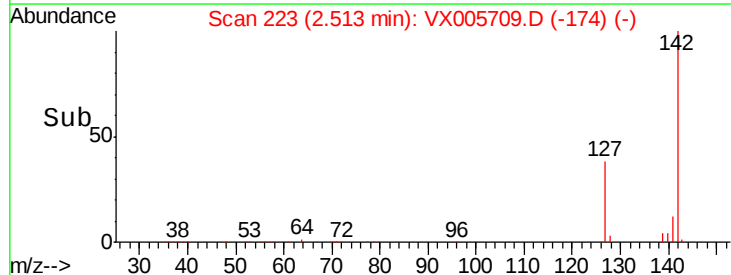
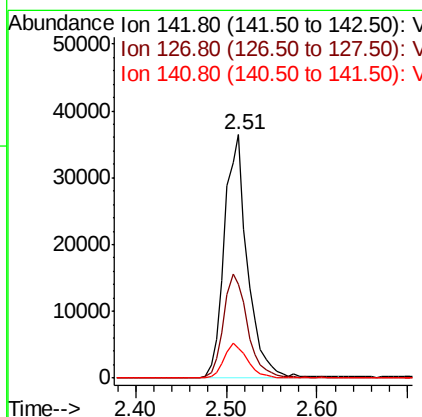
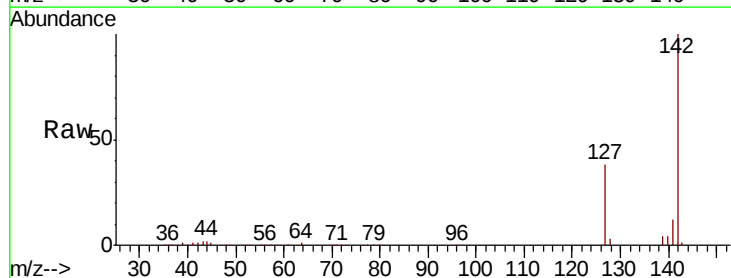
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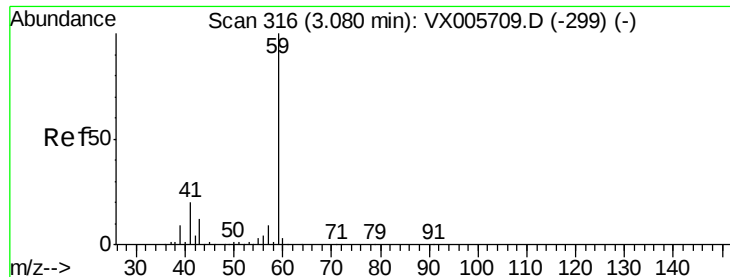
MMDadoda
11/1/2018 9:49:22 AM



#10
Methyl Iodide
Concen: 59.311 ug/l
RT: 2.51 min Scan# 223
Delta R.T. 0.00 min
Lab File: VX005709.D
Acq: 31 Oct 2018 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	65137		
127	44.6		36.0	54.0
141	14.5		11.7	17.5





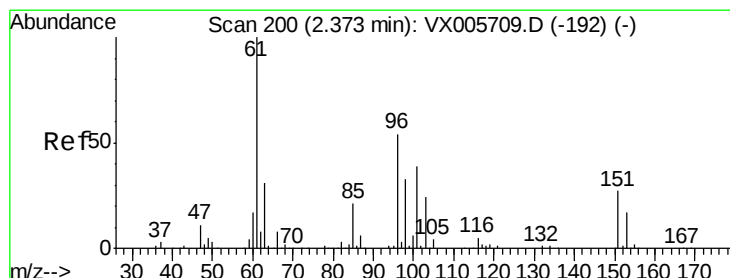
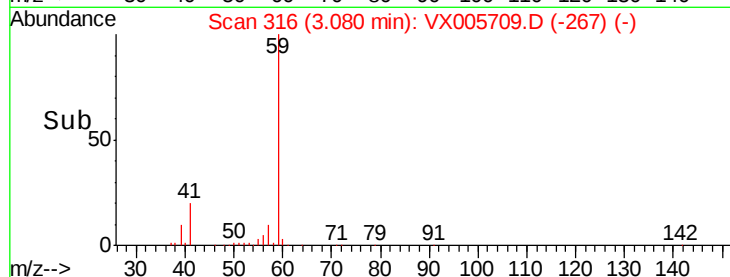
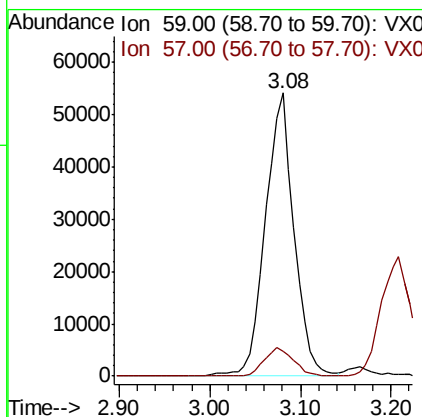
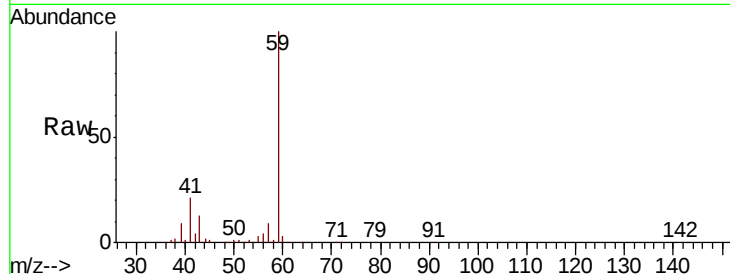
#11
Tert butyl alcohol
Concen: 304.578 ug/l
RT: 3.08 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX005709.D
Acq: 31 Oct 2018 15:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.5	12.7

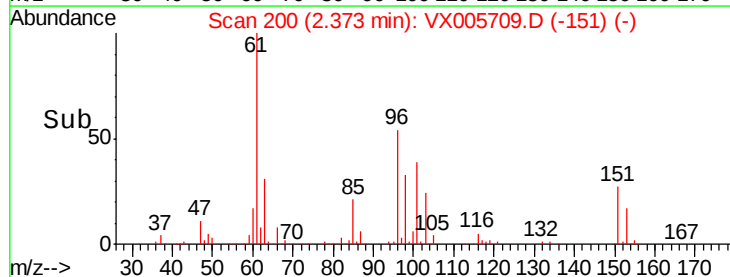
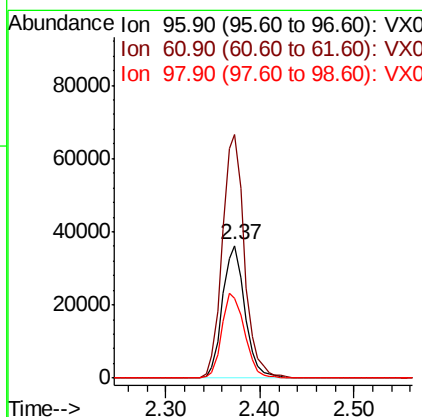
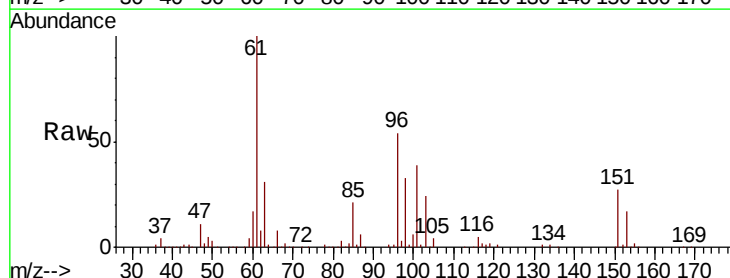
Manual Integrations
APPROVED

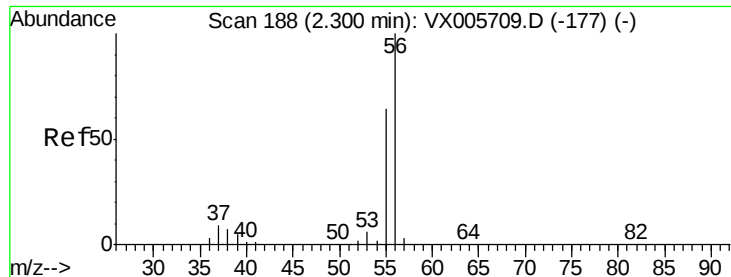
MMDadoda
11/1/2018 9:49:22 AM



#12
1,1-Dichloroethene
Concen: 54.111 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX005709.D
Acq: 31 Oct 2018 15:20

Tgt Ion	Ratio	Lower	Upper
96	100		
61	183.9	131.8	197.8
98	60.3	53.4	80.2





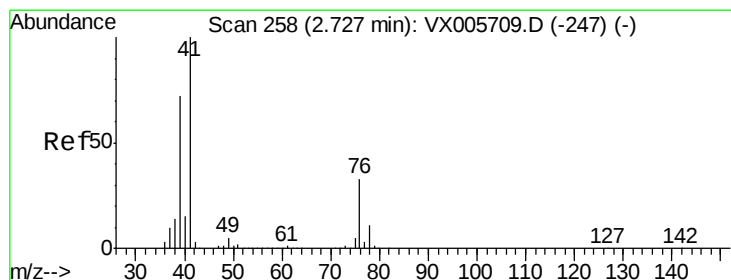
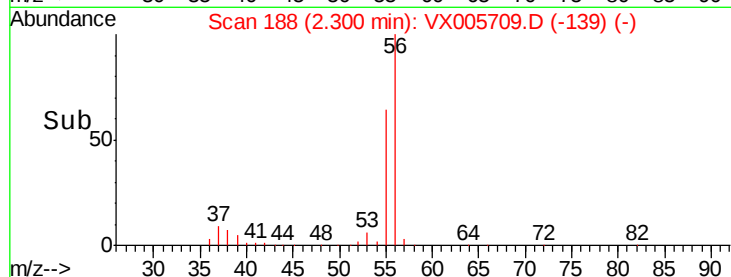
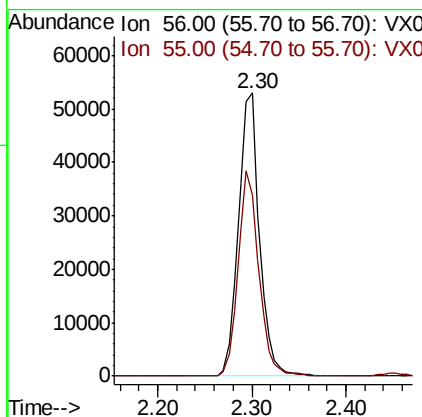
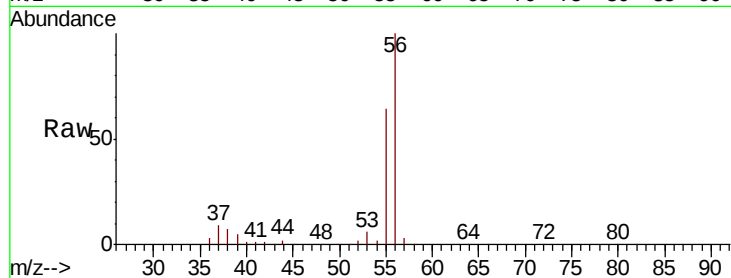
#13
Acrolein
Concen: 417.592 ug/l
RT: 2.30 min Scan# 188
Delta R.T. 0.00 min
Lab File: VX005709.D
Acq: 31 Oct 2018 15:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
56	100		
55	71.4	57.3	85.9

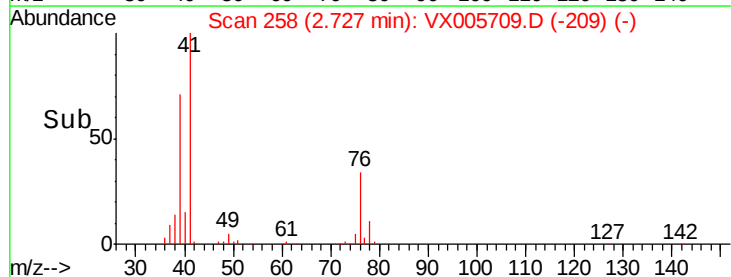
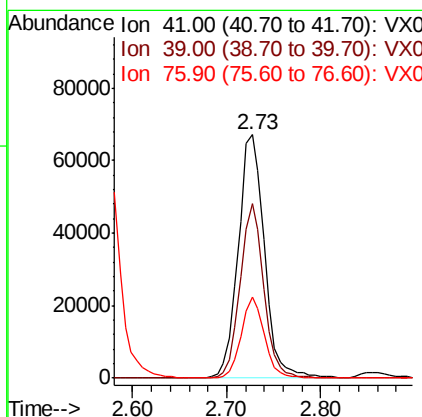
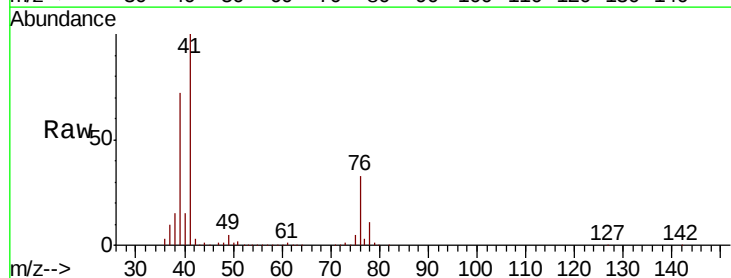
Manual Integrations
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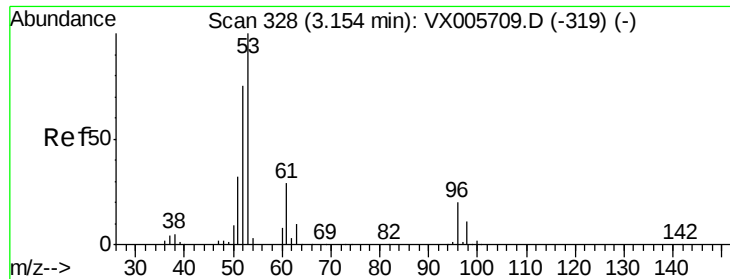
MMDadoda
11/1/2018 9:49:22 AM



#14
Allyl chloride
Concen: 52.697 ug/l
RT: 2.73 min Scan# 258
Delta R.T. 0.00 min
Lab File: VX005709.D
Acq: 31 Oct 2018 15:20

Tgt Ion	Ratio	Lower	Upper
41	100		
39	64.5	48.2	72.4
76	29.7	21.9	32.9





#15

Acrylonitrile

Concen: 295.542 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VX005709.D

Acq: 31 Oct 2018 15:20

Instrument :

MSVOA_X

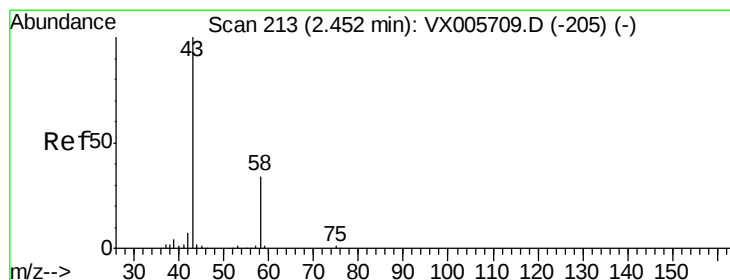
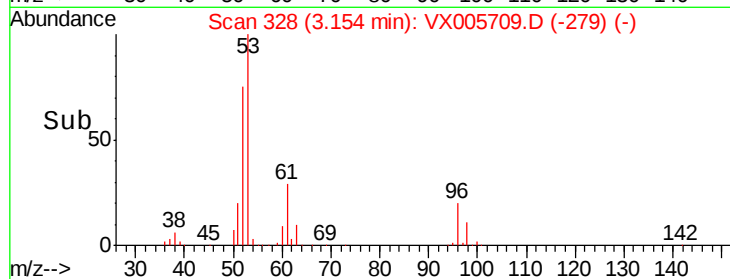
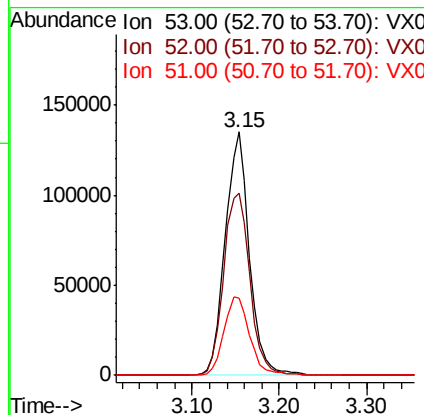
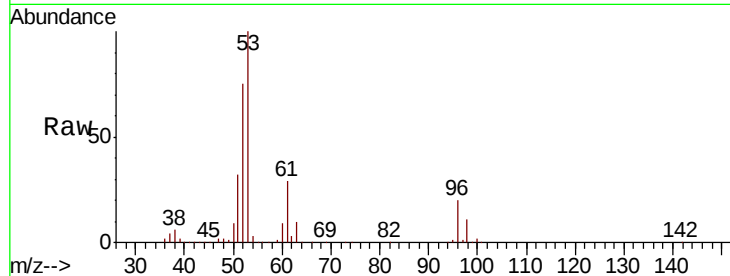
ClientSampleId :

VSTDICCC050

Tot Ion:	53	Resp:	256775
Ion Ratio	Lower	Upper	
53	100		
52	81.7	66.6	99.8
51	34.9	28.4	42.6

Manual Integrations
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#16

Acetone

Concen: 303.559 ug/l

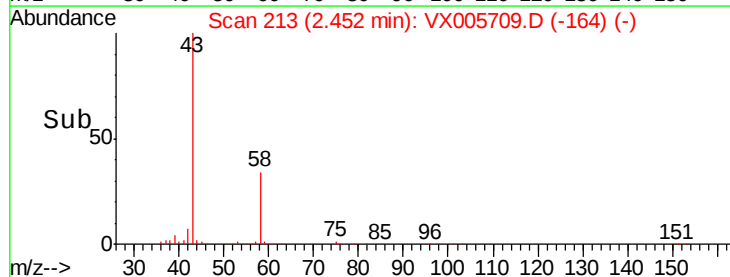
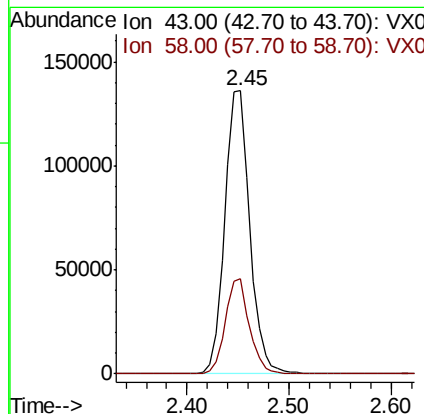
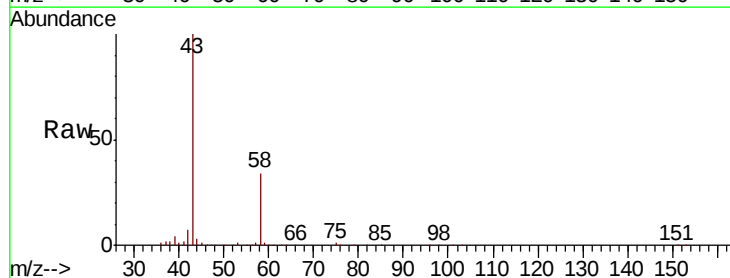
RT: 2.45 min Scan# 213

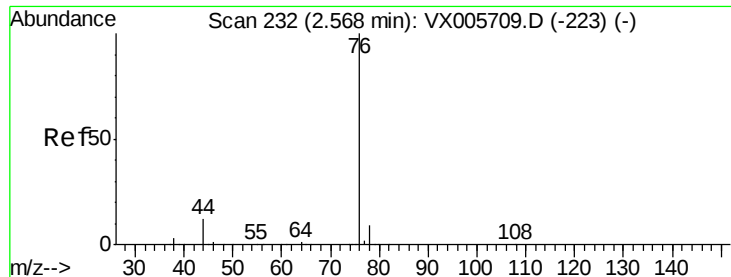
Delta R.T. 0.00 min

Lab File: VX005709.D

Acq: 31 Oct 2018 15:20

Tgt Ion:	43	Resp:	230958
Ion Ratio	Lower	Upper	
43	100		
58	33.8	23.8	35.6





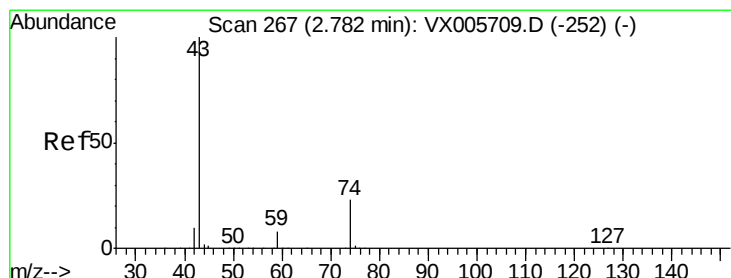
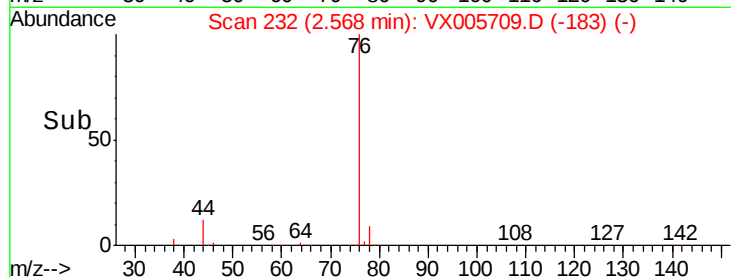
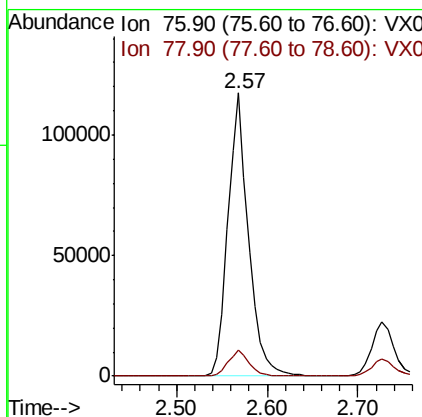
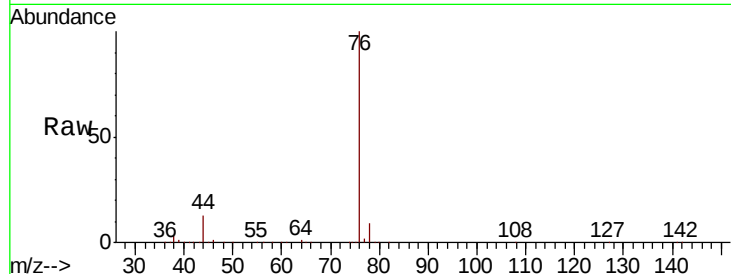
#17
Carbon Disulfide
Concen: 54.654 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX005709.D
Acq: 31 Oct 2018 15:20

Instrument :
MSVOA_X
ClientSampled :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.3	10.9

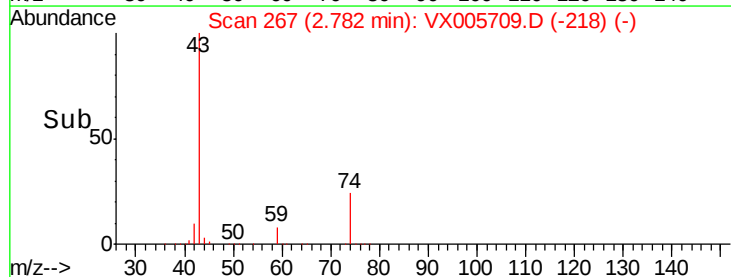
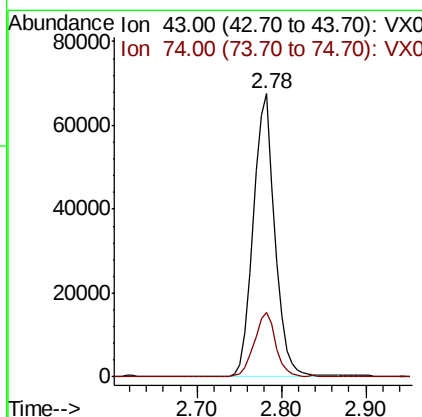
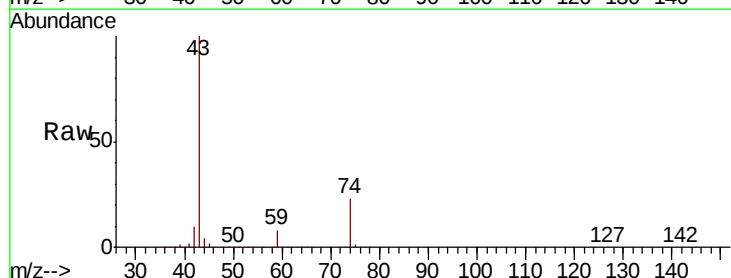
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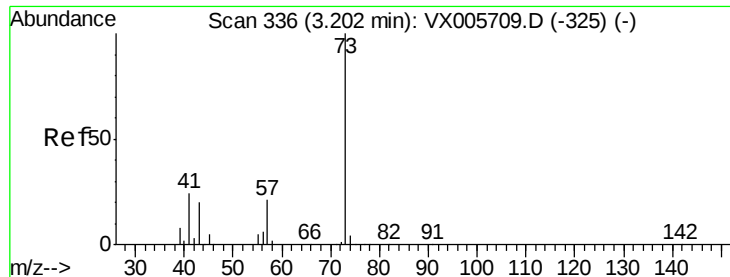
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#18
Methyl Acetate
Concen: 55.083 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX005709.D
Acq: 31 Oct 2018 15:20

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.0	16.8	25.2





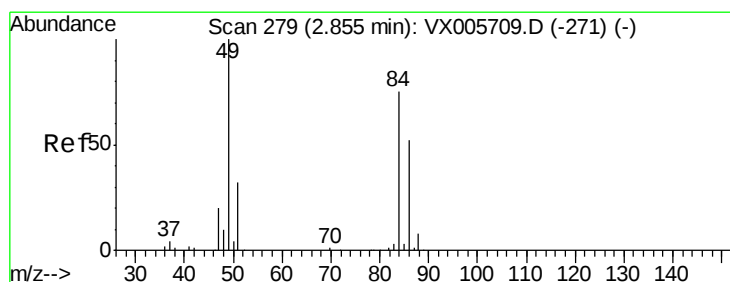
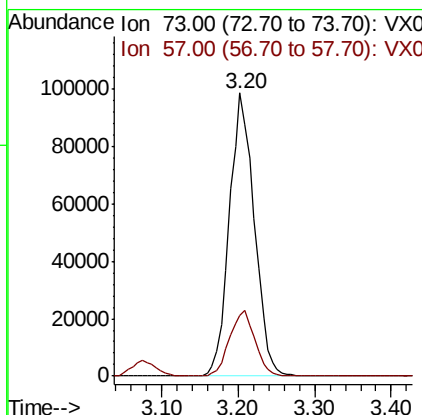
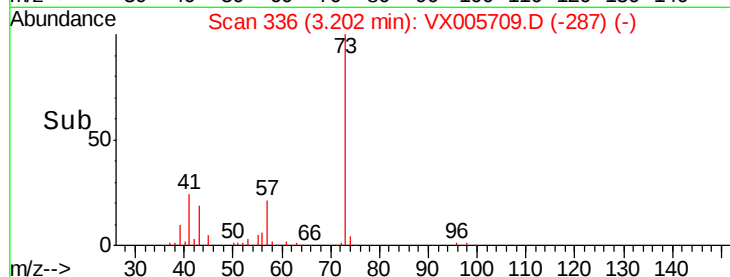
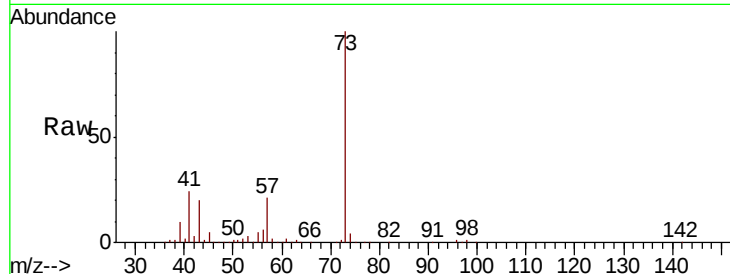
#19
Methyl tert-butyl Ether
Concen: 56.398 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX005709.D
Acq: 31 Oct 2018 15:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.2	18.8	28.2

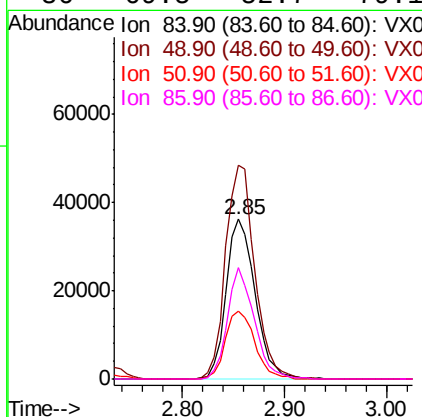
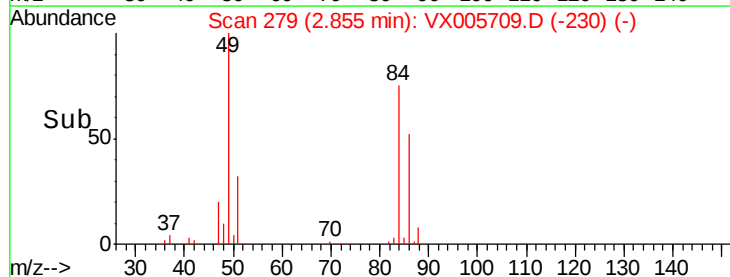
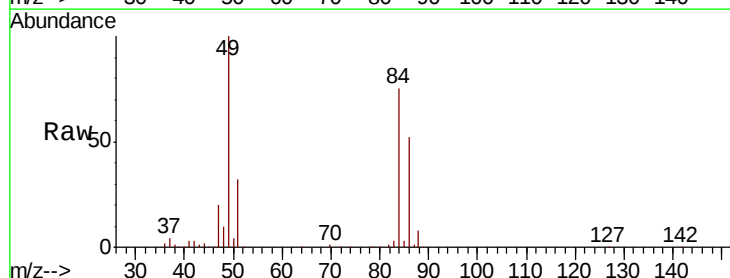
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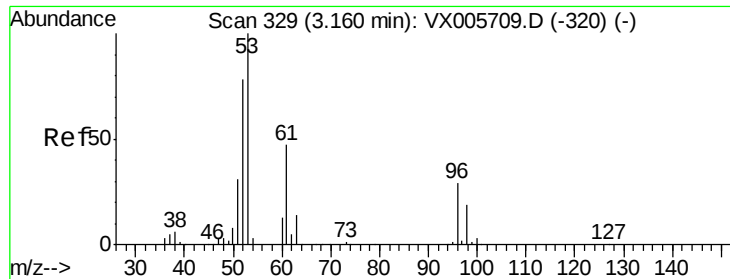
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#20
Methylene Chloride
Concen: 55.912 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX005709.D
Acq: 31 Oct 2018 15:20

Tgt Ion	Ratio	Lower	Upper
84	100		
49	133.4	109.5	164.3
51	42.3	33.3	49.9
86	69.5	52.7	79.1





#21

trans-1,2-Dichloroethene

Concen: 52.520 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX005709.D

Acq: 31 Oct 2018 15:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 96 Resp: 63493

Ion Ratio Lower Upper

96 100

61 161.1 115.6 173.4

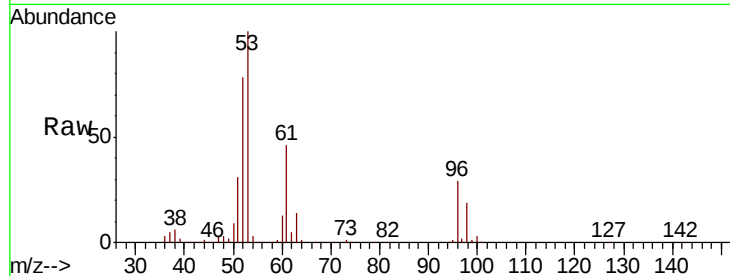
98 67.0 50.2 75.2

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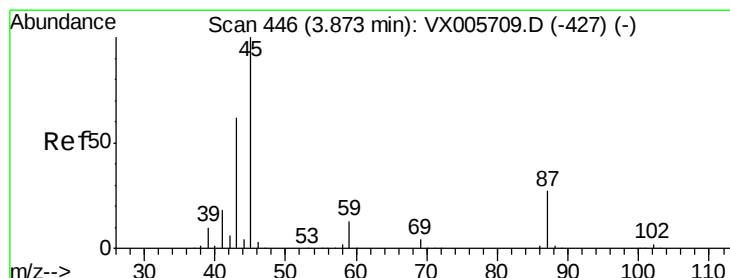
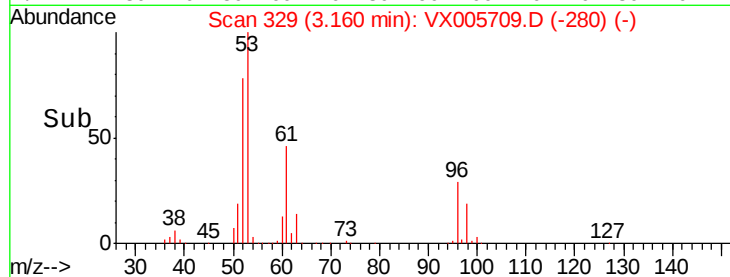
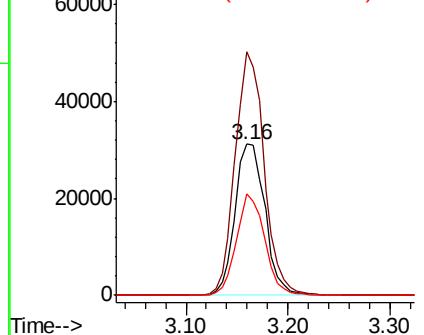
11/1/2018 9:49:22 AM



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 56.008 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.00 min

Lab File: VX005709.D

Acq: 31 Oct 2018 15:20

Tgt Ion: 45 Resp: 241691

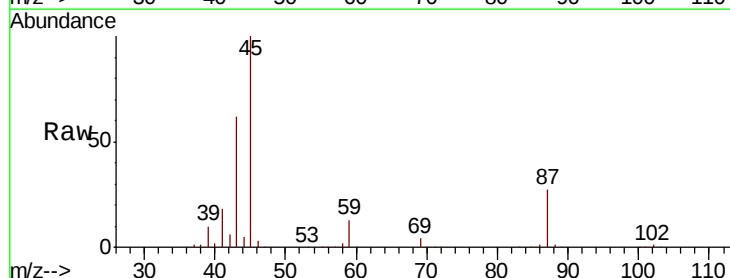
Ion Ratio Lower Upper

45 100

43 61.6 47.4 71.2

87 27.3 15.9 23.9#

59 12.7 7.7 11.5#

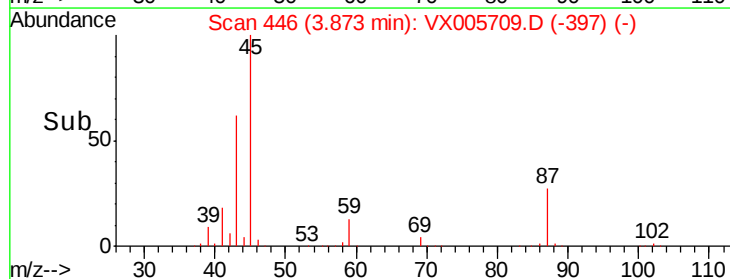
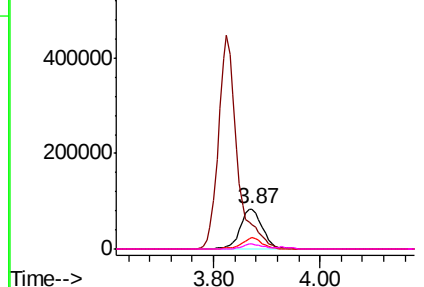


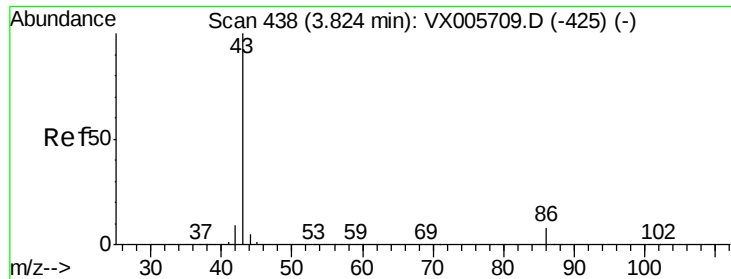
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 289.308 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX005709.D

Acq: 31 Oct 2018 15:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 1099511

Ion Ratio Lower Upper

43 100

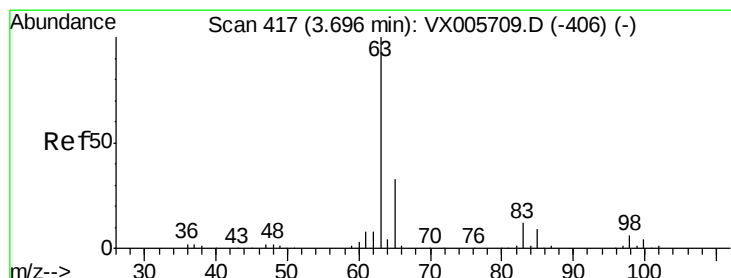
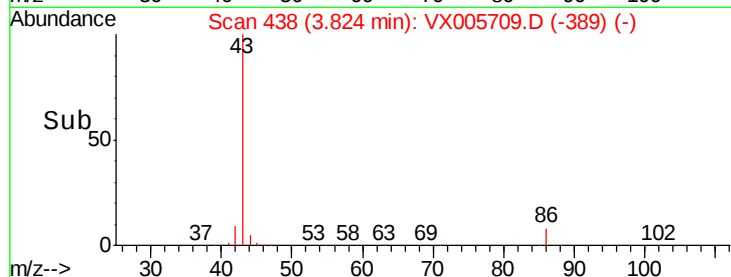
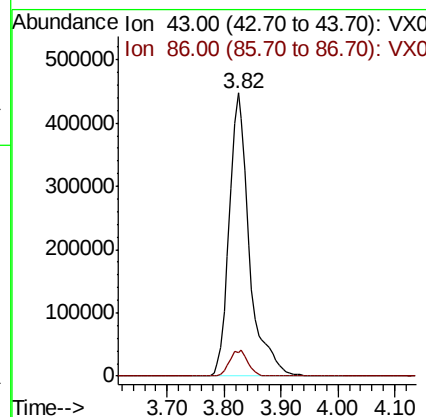
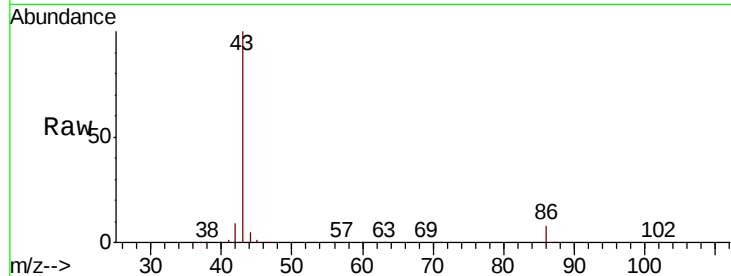
86 8.4 7.4 11.2

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#24

1,1-Dichloroethane

Concen: 57.632 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX005709.D

Acq: 31 Oct 2018 15:20

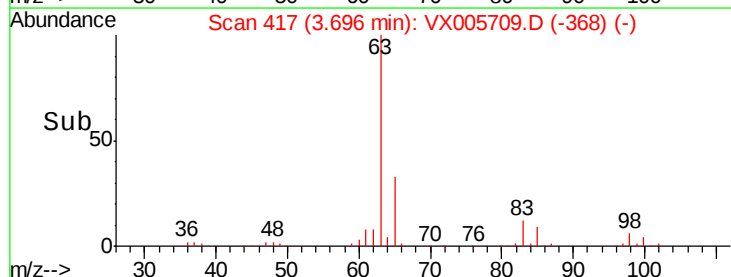
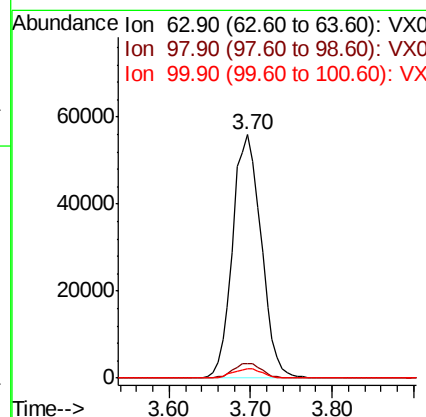
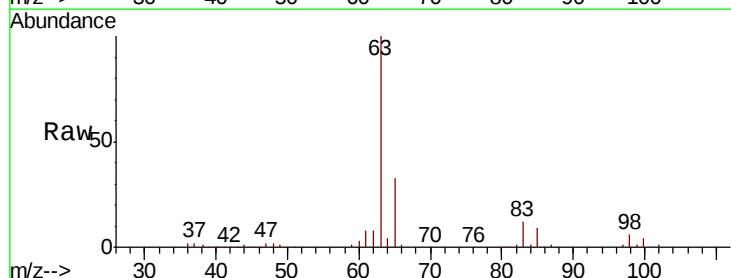
Tgt Ion: 63 Resp: 135211

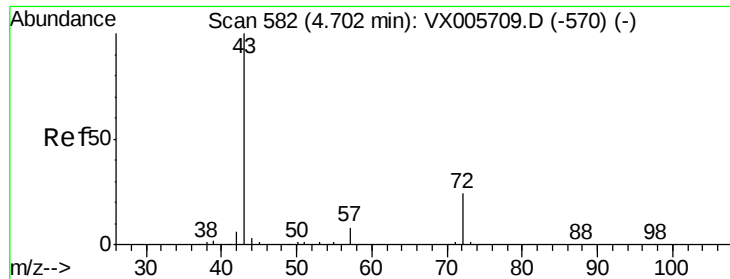
Ion Ratio Lower Upper

63 100

98 5.7 3.2 9.6

100 3.8 2.1 6.2





#25

2-Butanone

Concen: 314.724 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX005709.D

Acq: 31 Oct 2018 15:20

Instrument :

MSVOA_X

ClientSampled :

VSTDICCC050

Tot Ion: 43 Resp: 364637

Ion Ratio Lower Upper

43 100

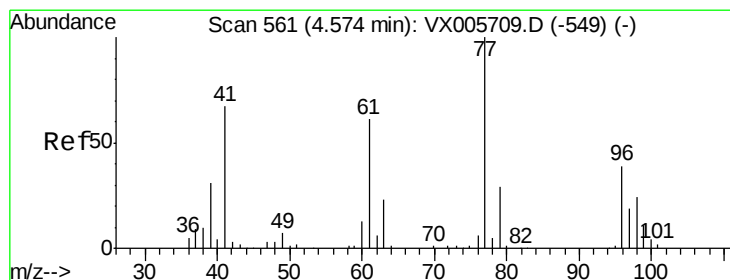
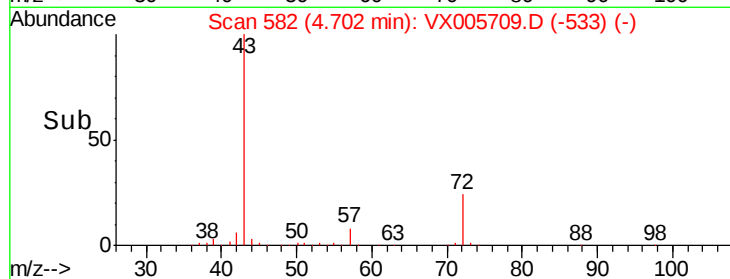
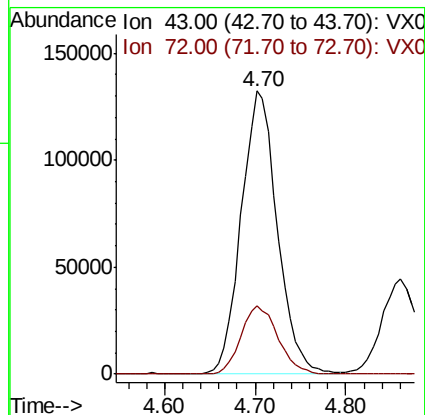
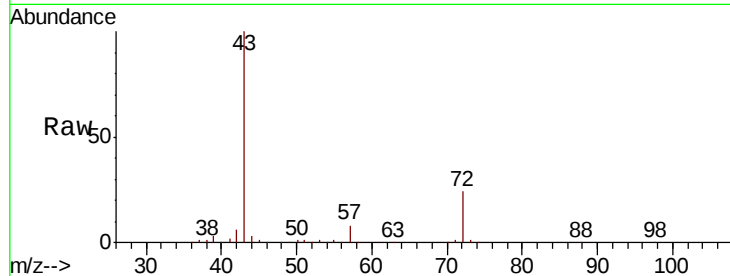
72 23.9 19.2 28.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 55.780 ug/l

RT: 4.57 min Scan# 561

Delta R.T. 0.00 min

Lab File: VX005709.D

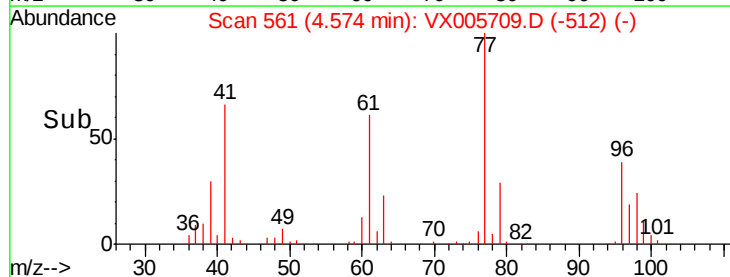
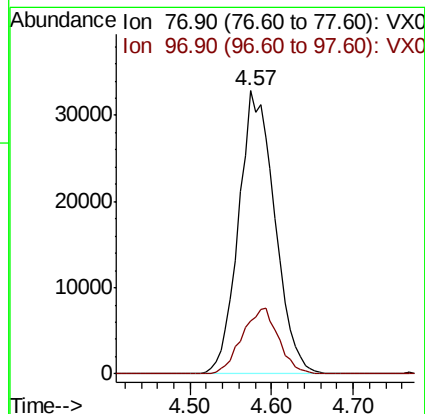
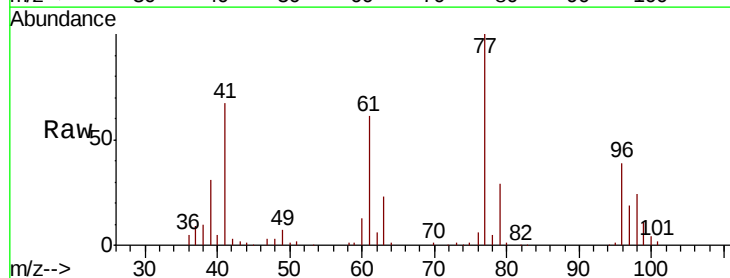
Acq: 31 Oct 2018 15:20

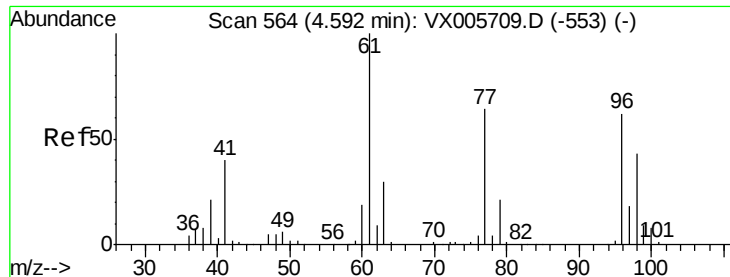
Tgt Ion: 77 Resp: 101035

Ion Ratio Lower Upper

77 100

97 23.4 11.5 34.5





#27

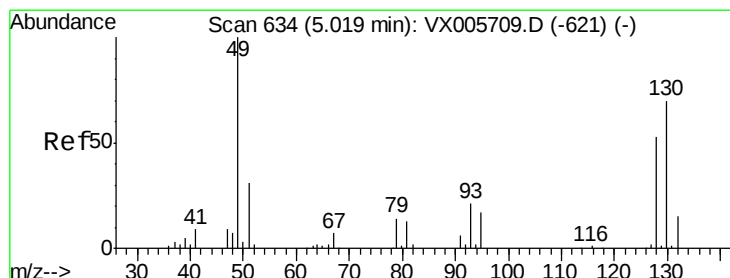
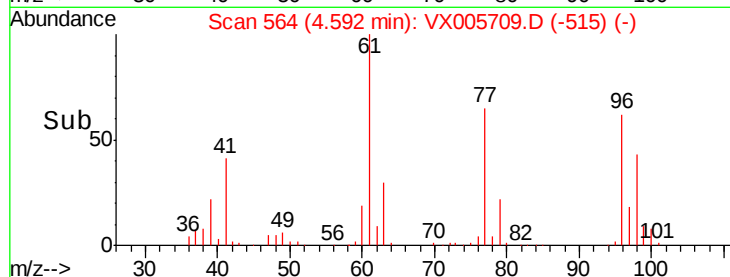
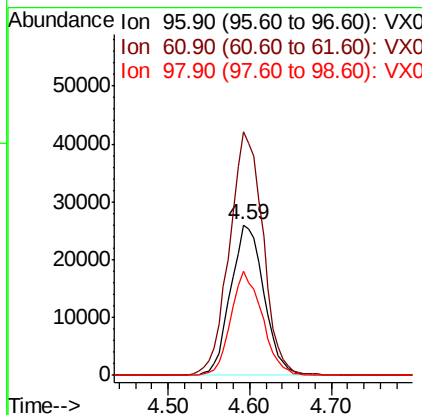
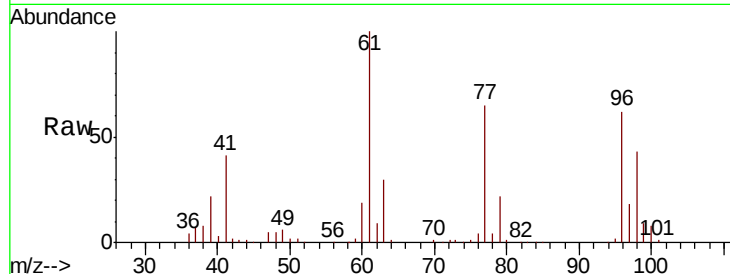
cis-1,2-Dichloroethene
Concen: 56.183 ug/l
RT: 4.59 min Scan# 564
Delta R.T. 0.00 min
Lab File: VX005709.D
Acq: 31 Oct 2018 15:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	164.0	0.0	304.6
98	65.4	0.0	127.4

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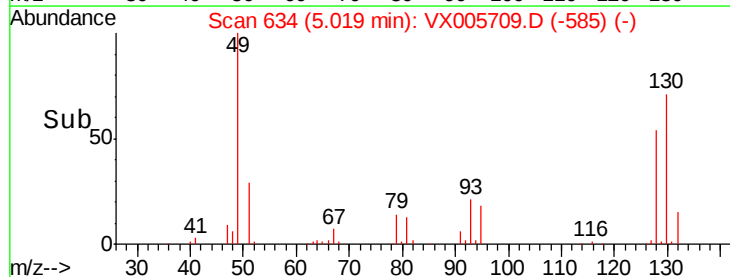
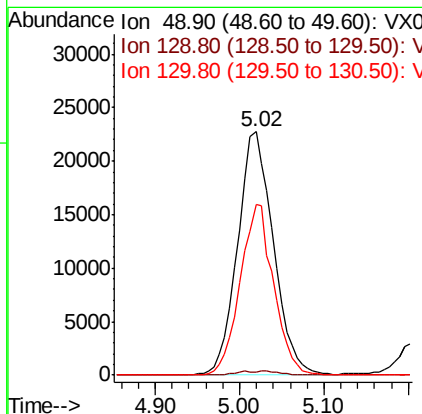
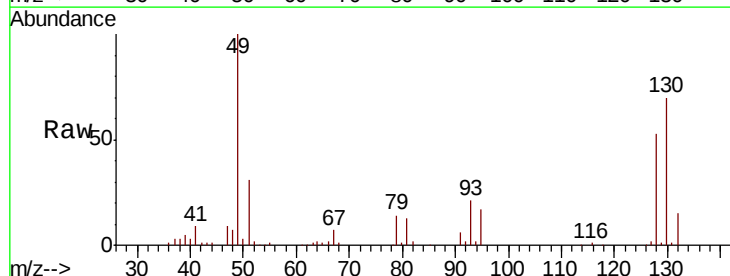
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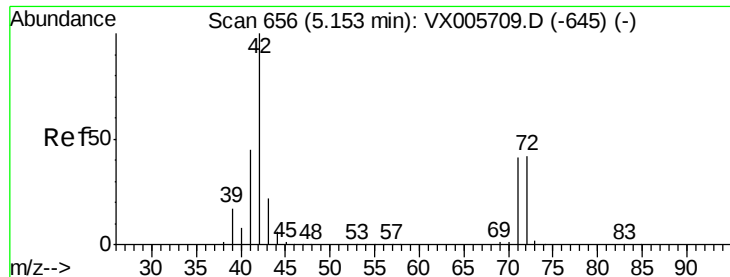


#28

Bromochloromethane
Concen: 57.644 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX005709.D
Acq: 31 Oct 2018 15:20

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.8	0.0	4.0
130	65.5	58.9	88.3





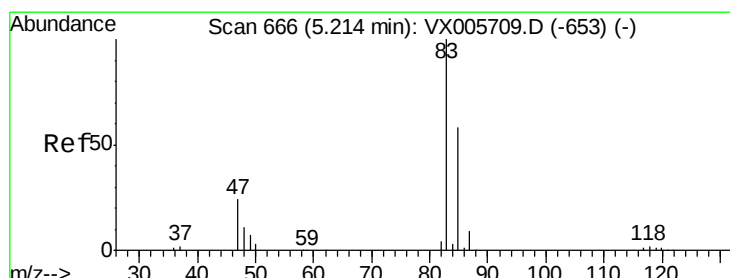
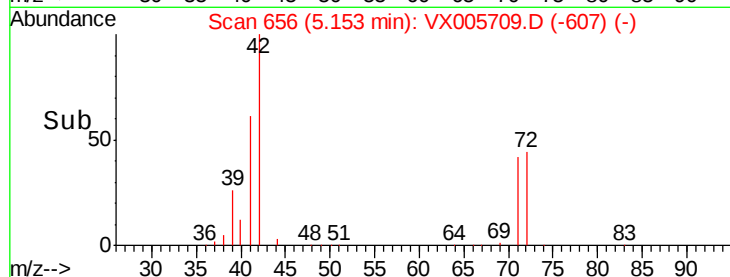
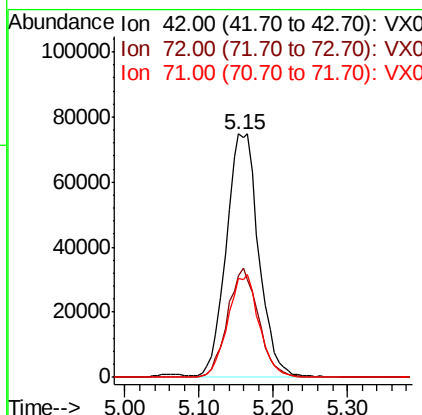
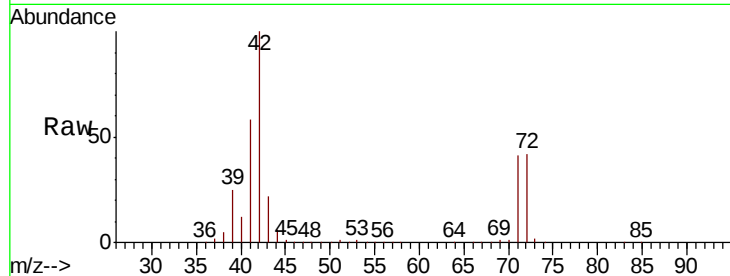
#29
Tetrahydrofuran
Concen: 302.708 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX005709.D
Acq: 31 Oct 2018 15:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.1	32.0	48.0
71	40.7	29.8	44.8

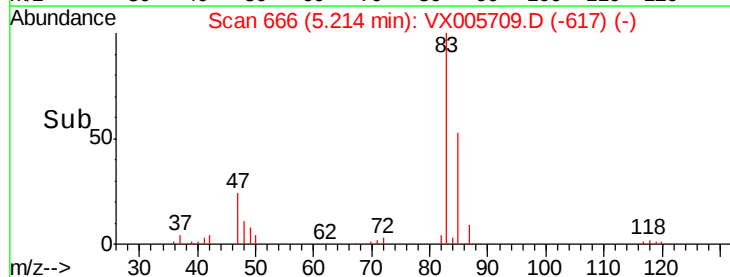
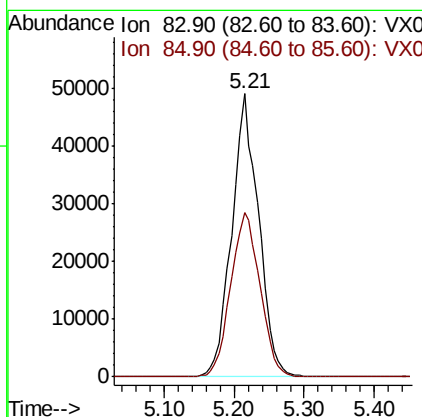
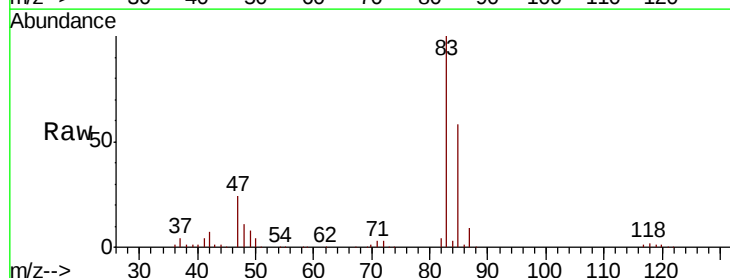
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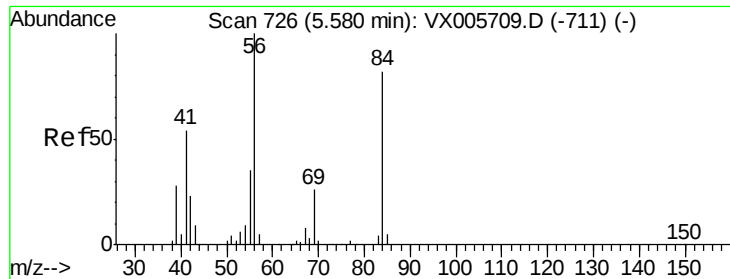
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#30
Chloroform
Concen: 59.703 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX005709.D
Acq: 31 Oct 2018 15:20

Tgt Ion	Ratio	Lower	Upper
83	100		
85	58.1	50.6	76.0





#31

Cyclohexane

Concen: 60.739 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX005709.D

Acq: 31 Oct 2018 15:20

Instrument :

MSVOA_X

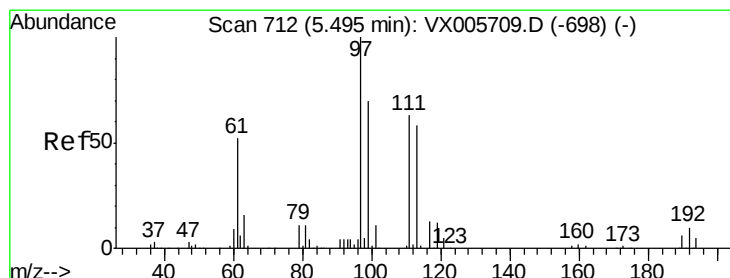
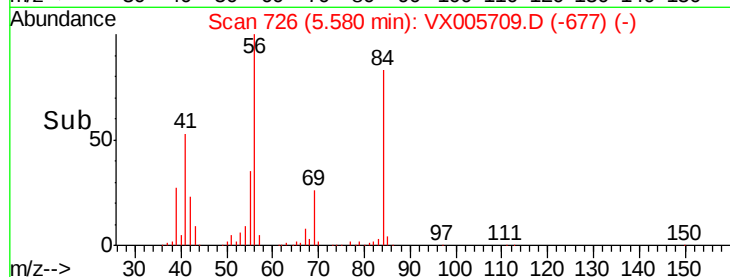
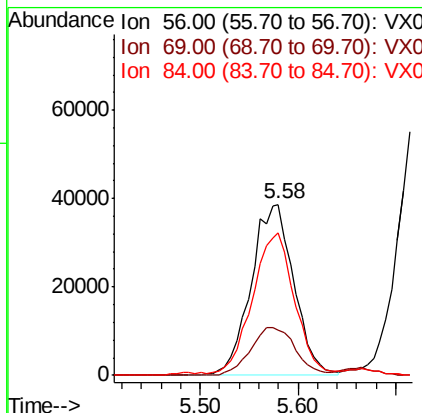
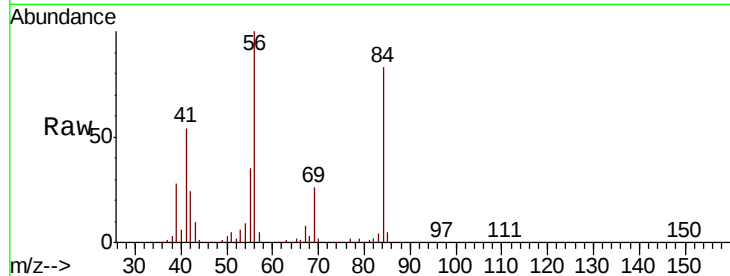
ClientSampleId :

VSTDICCC050

Tot Ion:	56	Resp:	117905
Ion	Ratio	Lower	Upper
56	100		
69	26.4	22.6	34.0
84	81.7	62.7	94.1

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#32

1,1,1-Trichloroethane

Concen: 55.359 ug/l

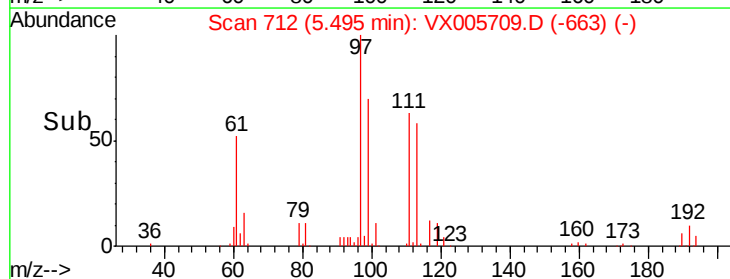
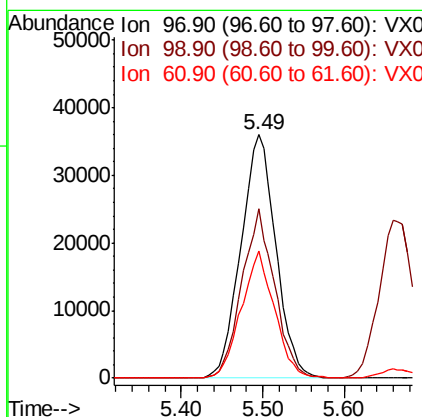
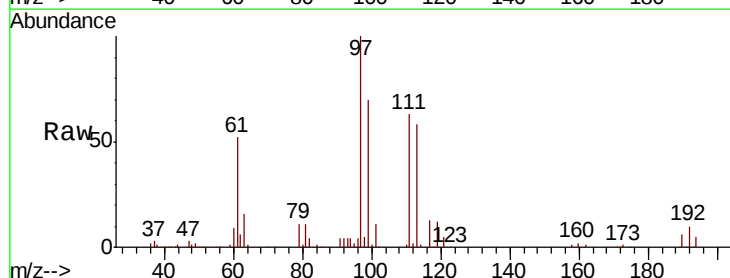
RT: 5.49 min Scan# 712

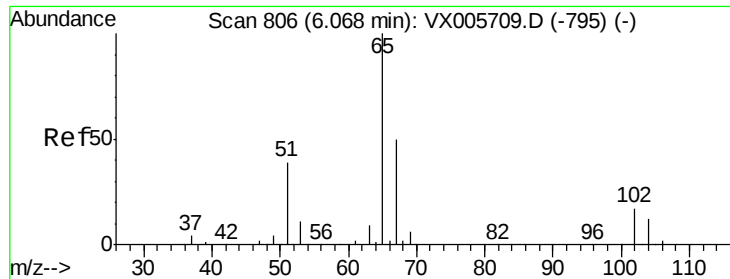
Delta R.T. 0.00 min

Lab File: VX005709.D

Acq: 31 Oct 2018 15:20

Tgt Ion:	97	Resp:	107227
Ion	Ratio	Lower	Upper
97	100		
99	65.1	52.3	78.5
61	49.8	35.2	52.8





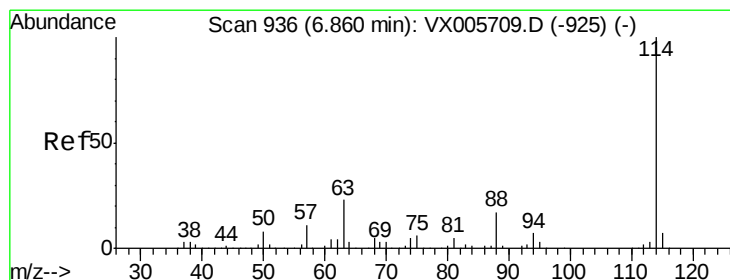
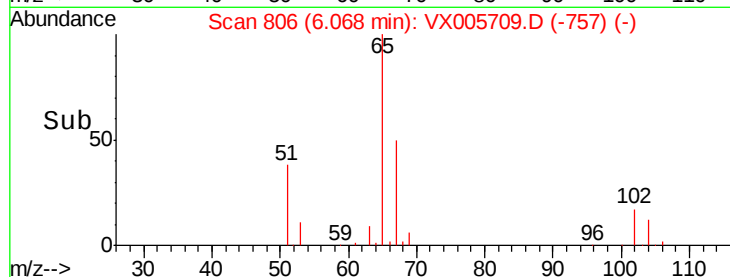
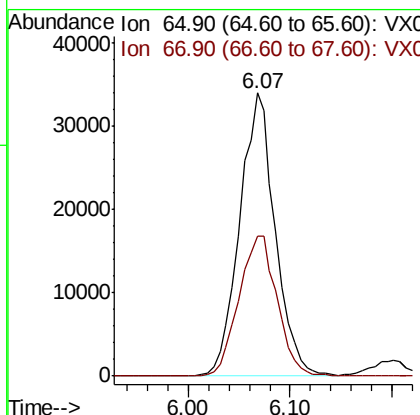
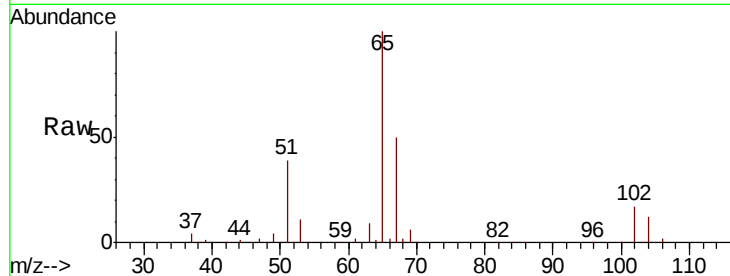
#33
 1,2-Dichloroethane-d4
 Concen: 57.092 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX005709.D
 Acq: 31 Oct 2018 15:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion: 65 Resp: 82204
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 105.0

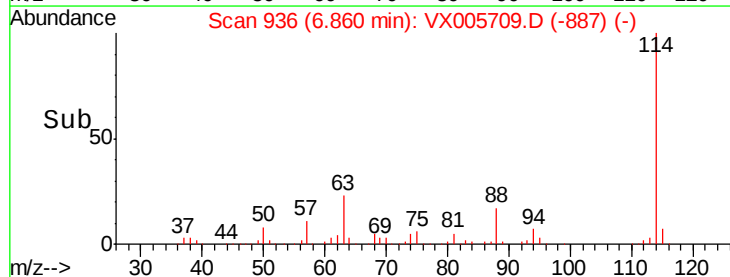
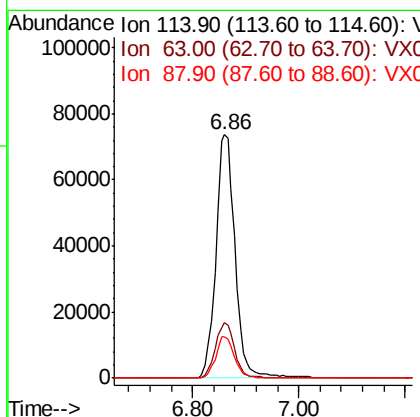
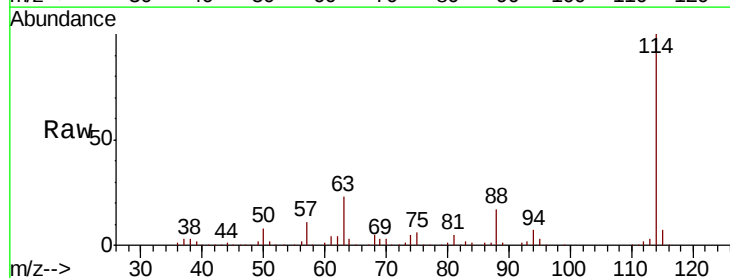
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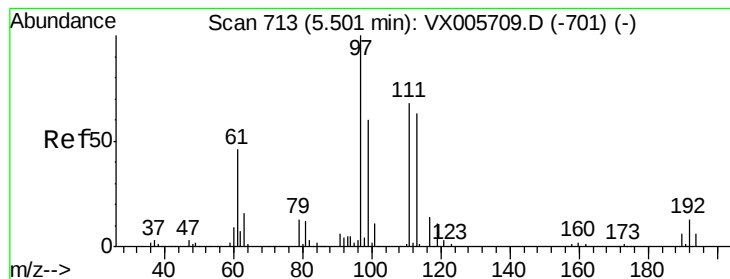
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX005709.D
 Acq: 31 Oct 2018 15:20

Tgt Ion: 114 Resp: 185361
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 42.8
 88 16.7 0.0 31.2





#35

Dibromofluoromethane

Concen: 48.450 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX005709.D

Acq: 31 Oct 2018 15:20

Instrument :

MSVOA_X

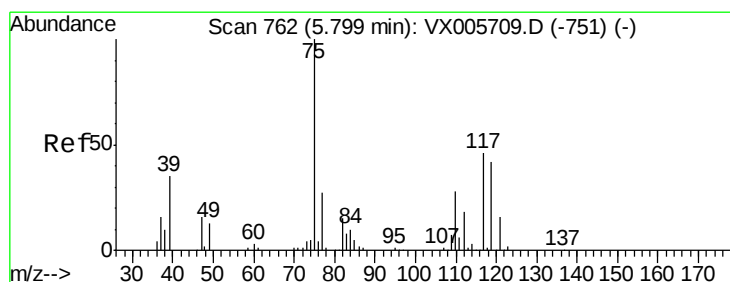
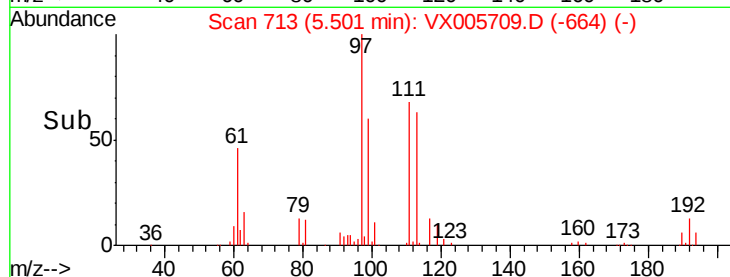
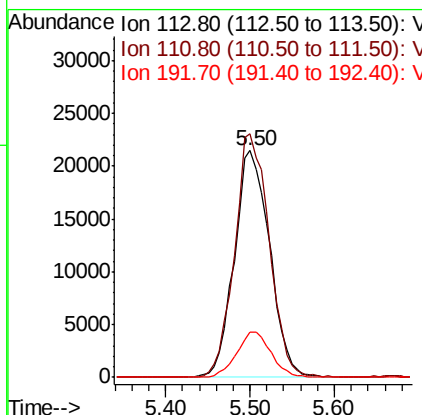
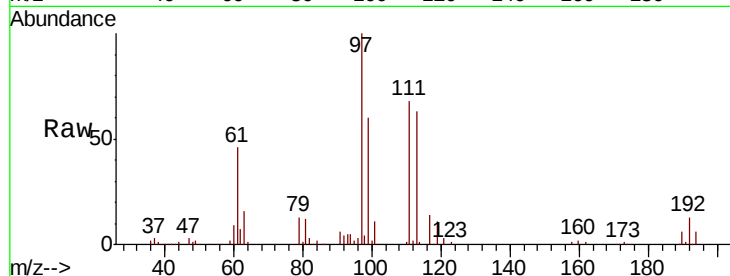
ClientSampleId :

VSTDICCC050

Tot Ion:	113	Resp:	60810
Ion	Ratio	Lower	Upper
113	100		
111	105.2	82.3	123.5
192	19.4	17.9	26.9

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#36

1,1-Dichloropropene

Concen: 55.314 ug/l

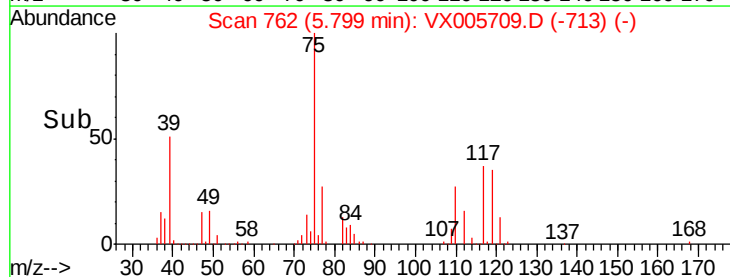
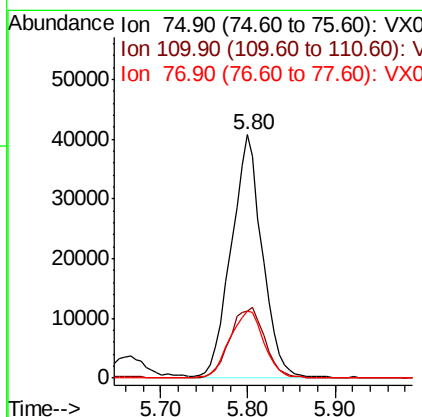
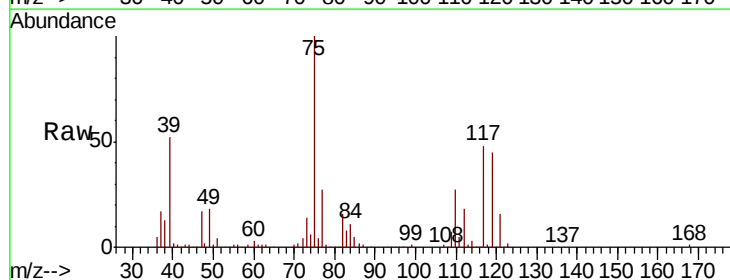
RT: 5.80 min Scan# 762

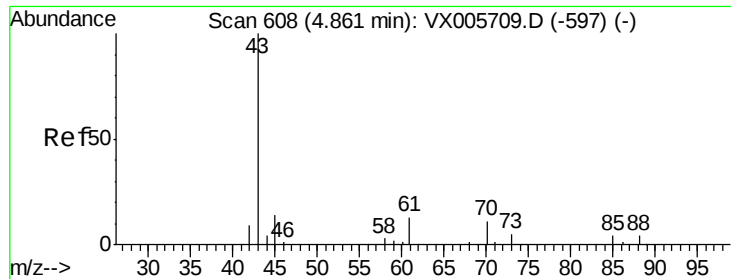
Delta R.T. 0.00 min

Lab File: VX005709.D

Acq: 31 Oct 2018 15:20

Tgt Ion:	75	Resp:	99502
Ion	Ratio	Lower	Upper
75	100		
110	33.0	17.4	52.2
77	30.9	25.8	38.6





#37

Ethyl Acetate

Concen: 54.910 ug/l

RT: 4.86 min Scan# 608

Delta R.T. 0.00 min

Lab File: VX005709.D

Acq: 31 Oct 2018 15:20

Instrument :

MSVOA_X

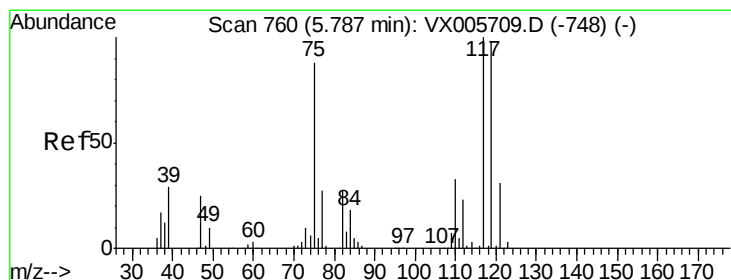
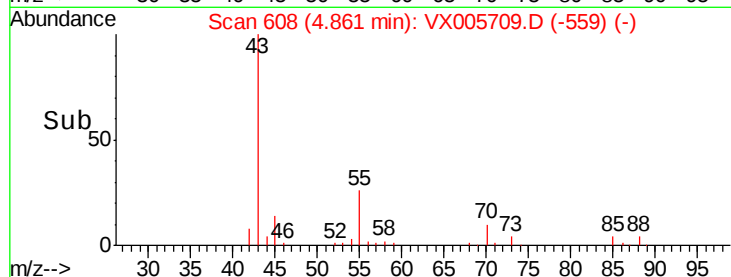
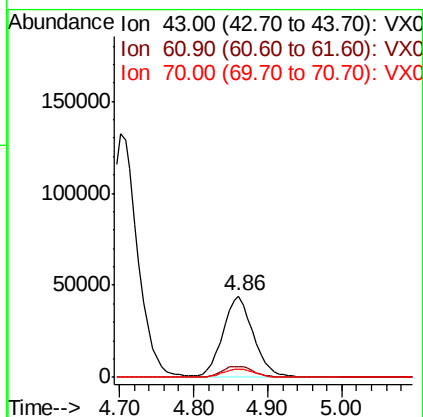
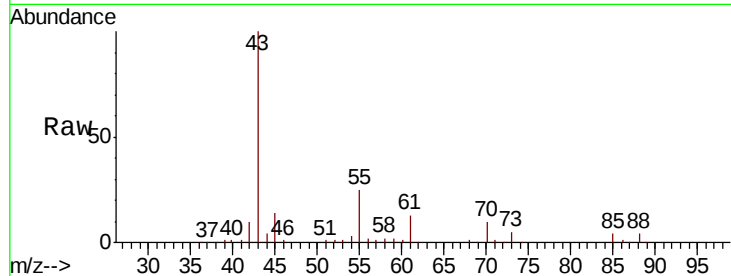
ClientSampleId :

VSTDICCC050

Tot Ion:	43	Resp:	126046
Ion	Ratio	Lower	Upper
43	100		
61	14.6	10.8	16.2
70	10.7	7.8	11.8

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#38

Carbon Tetrachloride

Concen: 48.045 ug/l

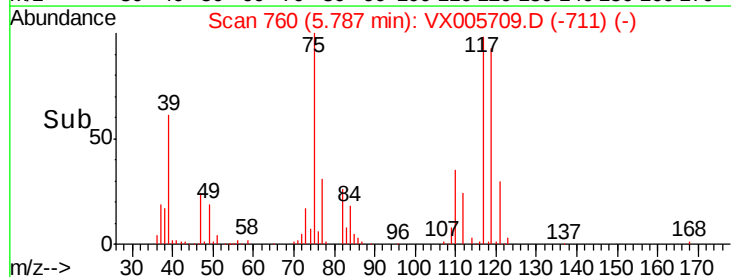
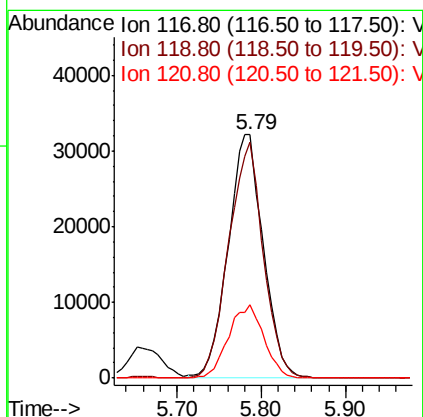
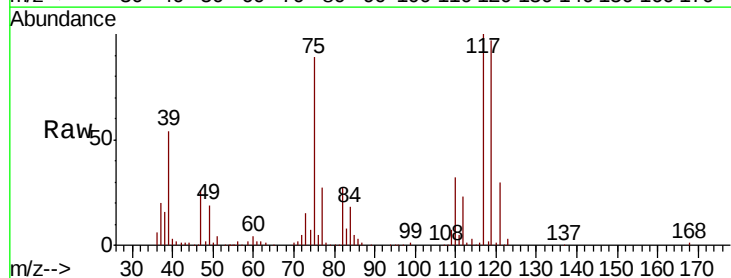
RT: 5.79 min Scan# 760

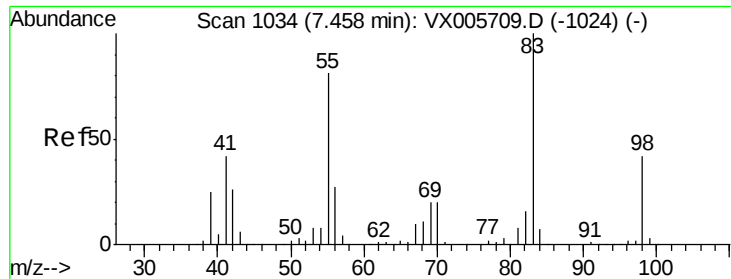
Delta R.T. 0.00 min

Lab File: VX005709.D

Acq: 31 Oct 2018 15:20

Tgt Ion:	117	Resp:	91026
Ion	Ratio	Lower	Upper
117	100		
119	97.0	78.1	117.1
121	30.3	24.6	36.8





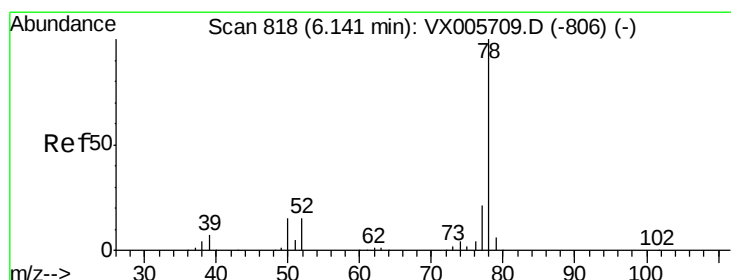
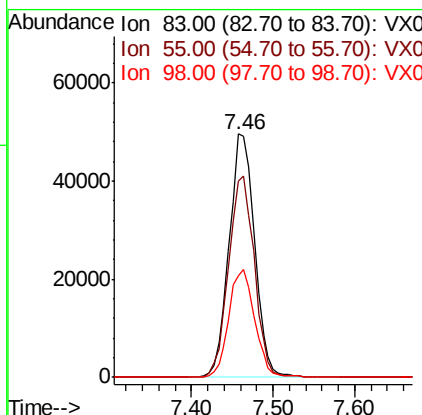
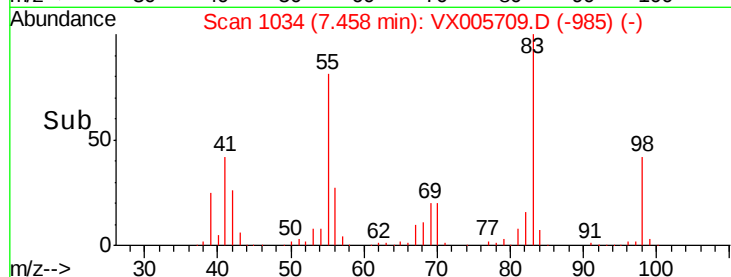
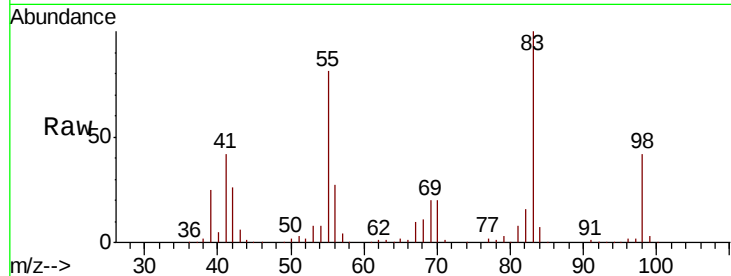
#39
Methvlcvclohexane
Concen: 53.978 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX005709.D
Acq: 31 Oct 2018 15:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	83	Resp	107219
Ion Ratio	Lower	Upper	
83	100		
55	80.7	63.7	95.5
98	41.5	36.2	54.2

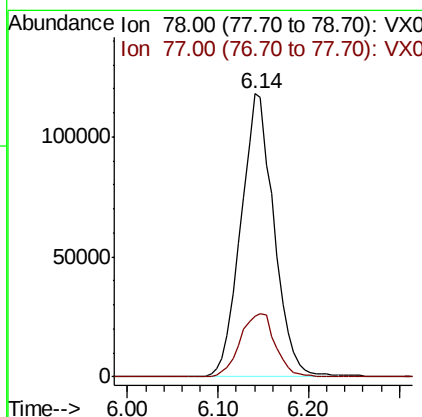
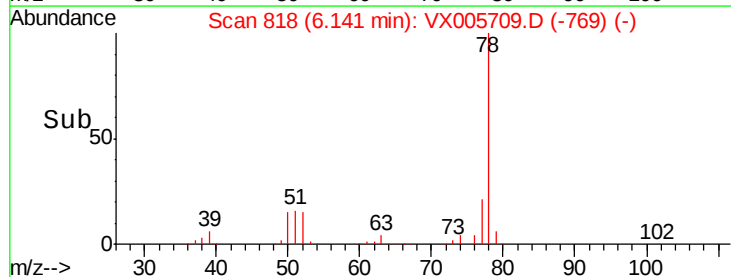
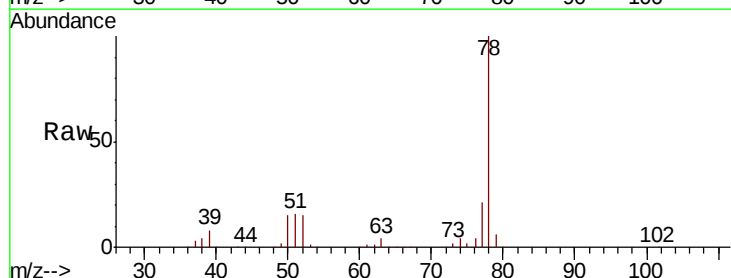
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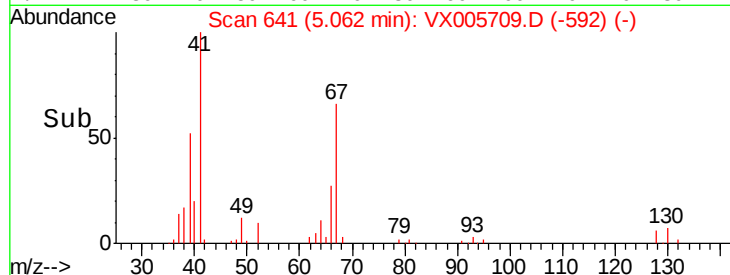
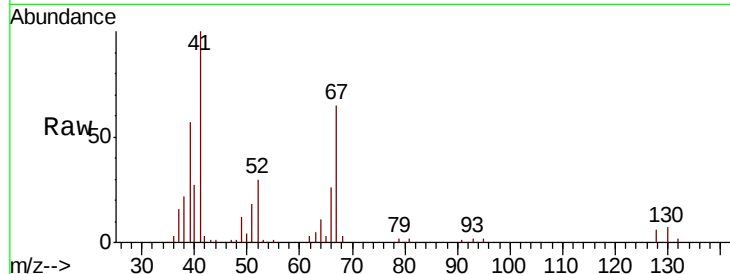
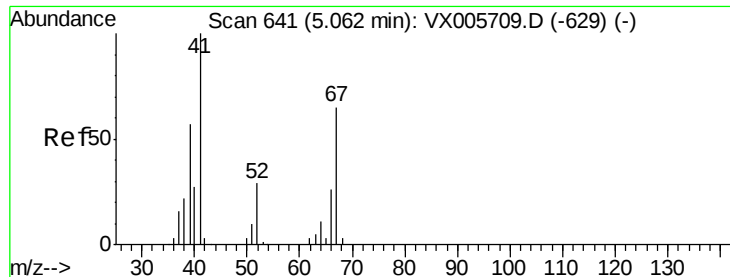
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#40
Benzene
Concen: 57.978 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX005709.D
Acq: 31 Oct 2018 15:20

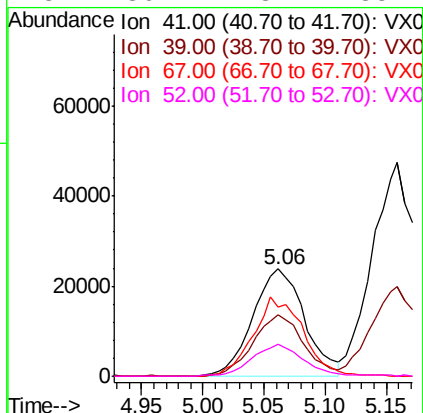
Tgt Ion	78	Resp	298969
Ion Ratio	Lower	Upper	
78	100		
77	21.2	18.4	27.6





#41
Methacrylonitrile
Concen: 55.120 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.00 min
Lab File: VX005709.D
Acq: 31 Oct 2018 15:20

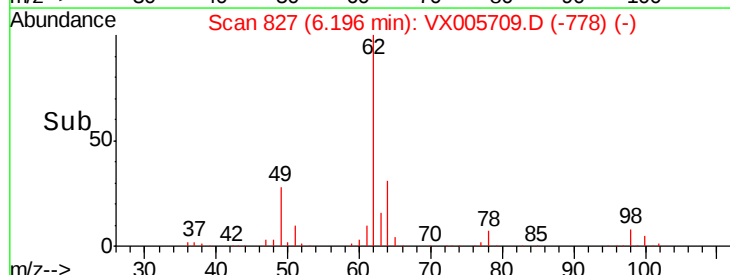
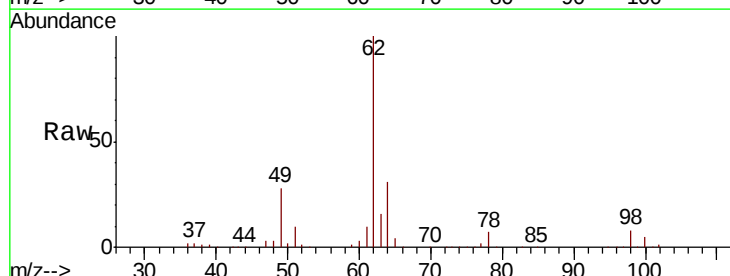
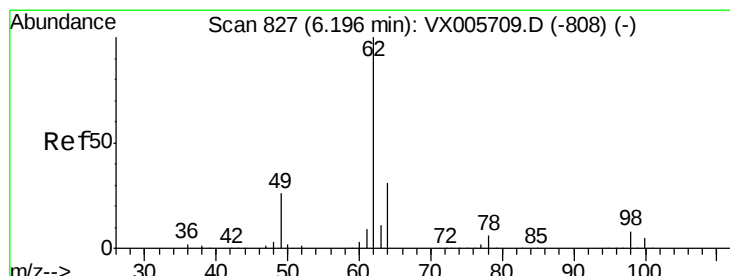
Tot Ion	41	Resp:	70480
Ion	Ratio	Lower	Upper
41	100		
39	54.9	42.2	63.2
67	71.0	53.4	80.0
52	30.4	23.4	35.2



Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

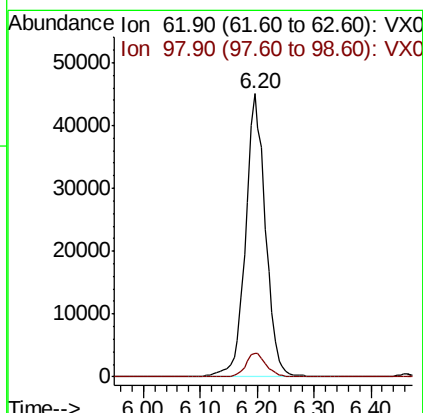
Manual Integrations
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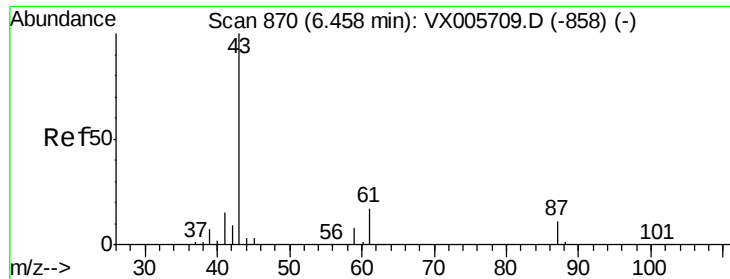
MMDadoda
11/1/2018 9:49:22 AM



#42
1,2-Dichloroethane
Concen: 56.233 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX005709.D
Acq: 31 Oct 2018 15:20

Tgt Ion	62	Resp:	110156
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	17.8





#43

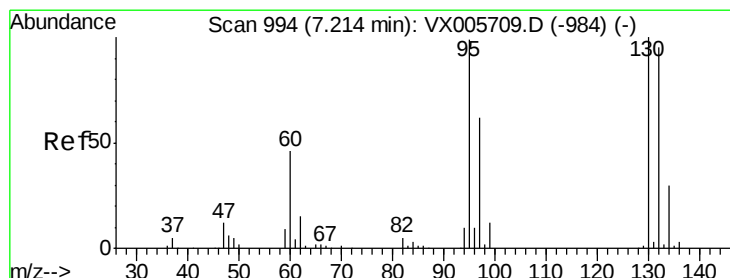
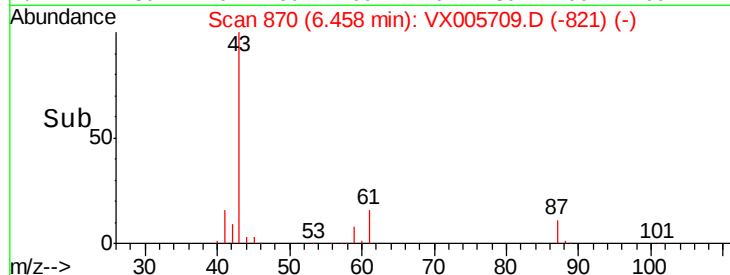
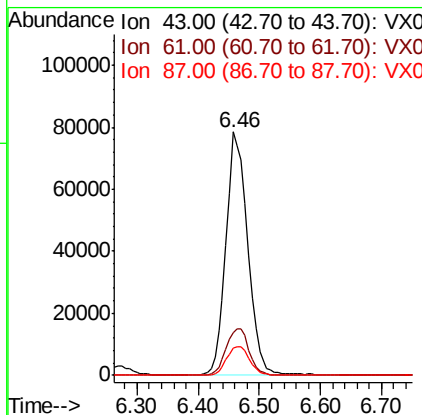
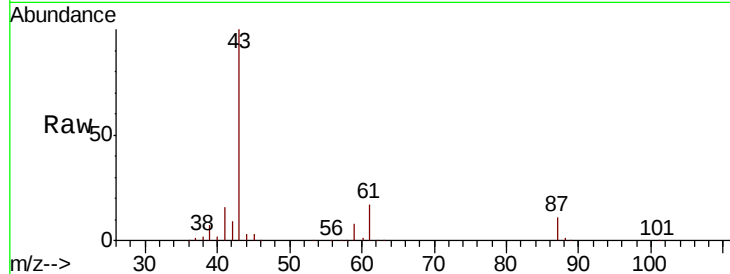
Isopropyl Acetate
 Concen: 55.817 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. 0.00 min
 Lab File: VX005709.D
 Acq: 31 Oct 2018 15:20

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDICCC050

Tot Ion	43	61	87
Resp	192000		
Ratio	100	20.1	12.4
Lower		14.6	9.6
Upper		22.0	14.4

Manual Integrations
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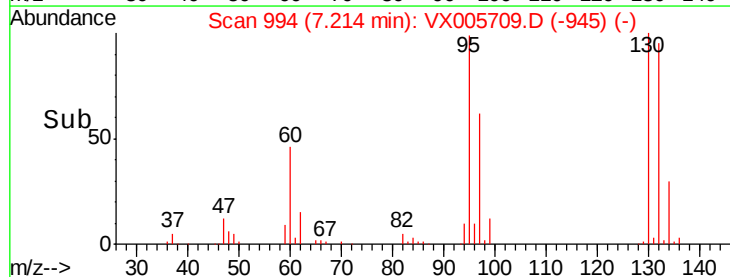
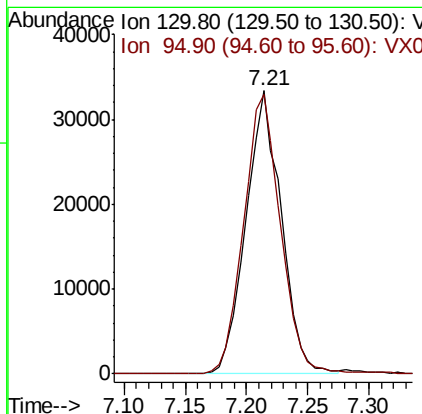
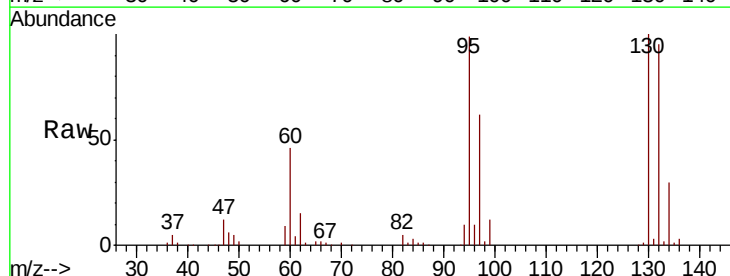
MMDadoda
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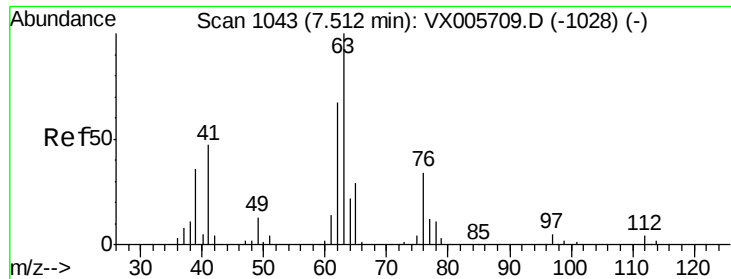


#44

Trichloroethene
 Concen: 47.894 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX005709.D
 Acq: 31 Oct 2018 15:20

Tgt Ion	130	95
Resp	67281	
Ratio	100	98.7
Lower		0.0
Upper		194.2





#45

1,2-Dichloropropane

Concen: 57.652 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX005709.D

Acq: 31 Oct 2018 15:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 63 Resp: 79927

Ion Ratio Lower Upper

63 100

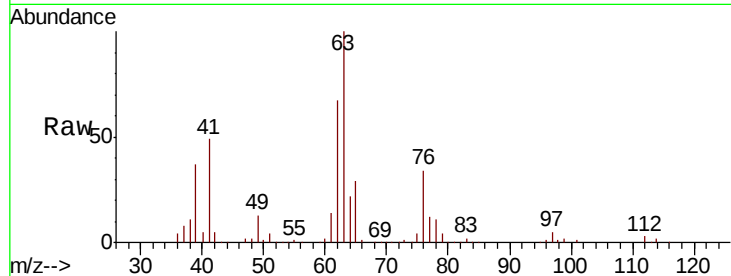
65 28.8 24.8 37.2

Manual Integrations

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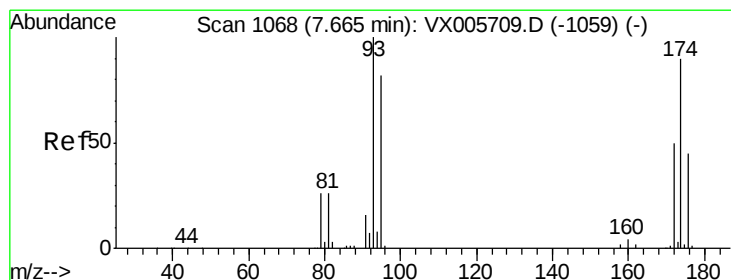
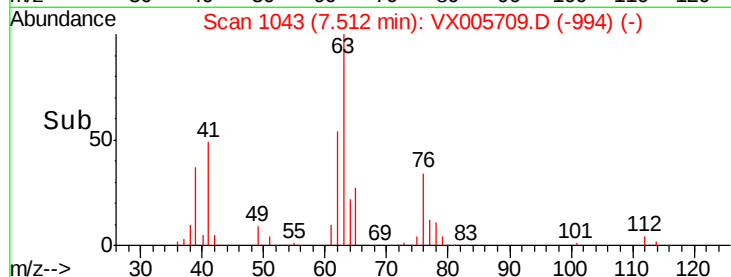
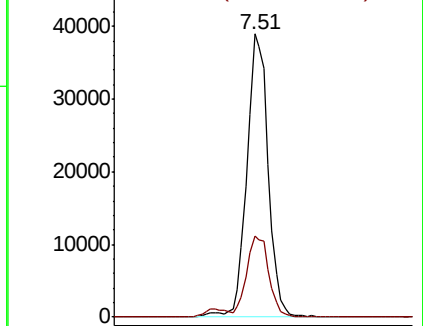
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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 51.794 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.00 min

Lab File: VX005709.D

Acq: 31 Oct 2018 15:20

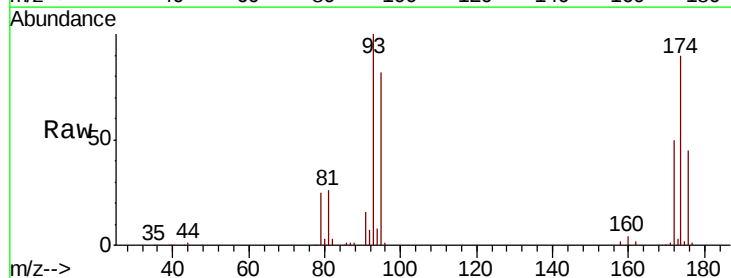
Tgt Ion: 93 Resp: 46376

Ion Ratio Lower Upper

93 100

95 83.8 67.4 101.0

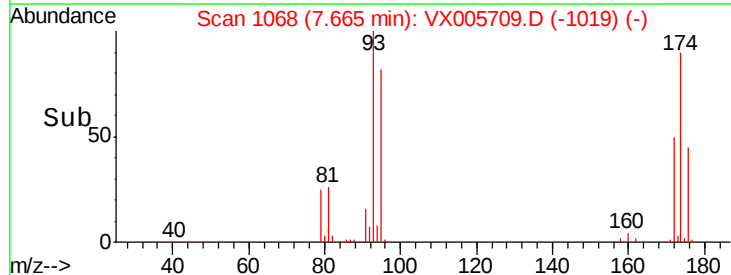
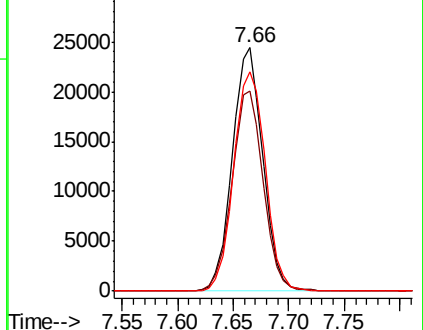
174 93.2 91.5 137.3

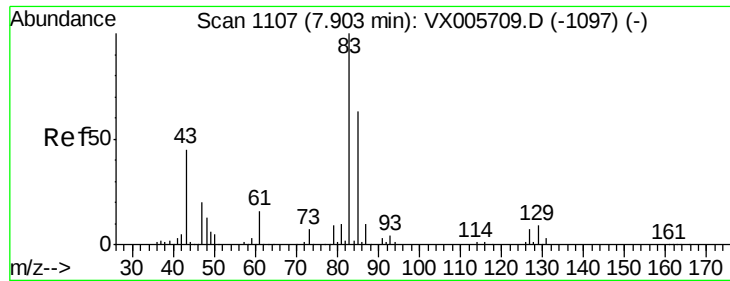


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 53.507 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.00 min

Lab File: VX005709.D

Acq: 31 Oct 2018 15:20

Instrument :

MSVOA_X

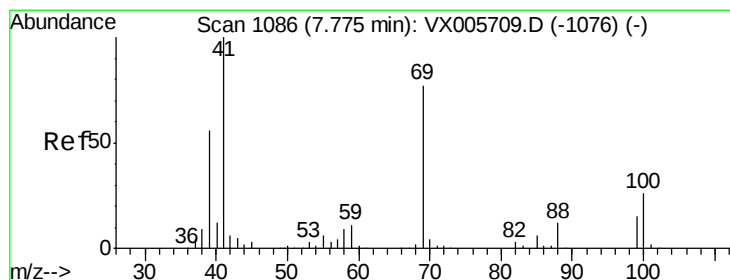
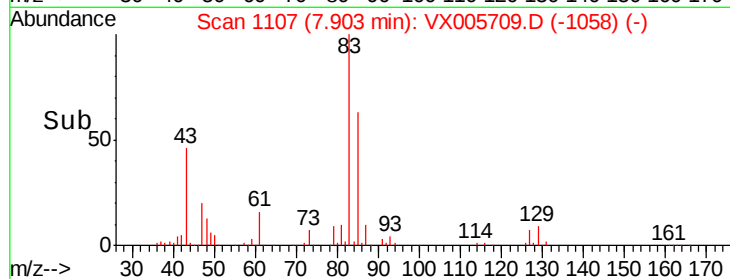
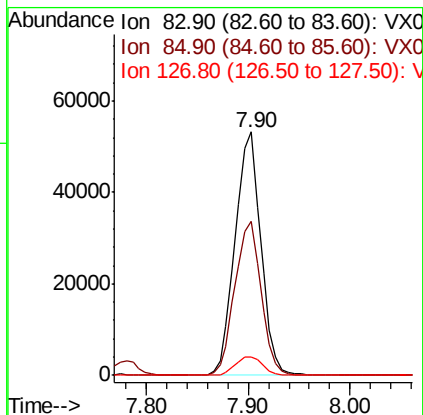
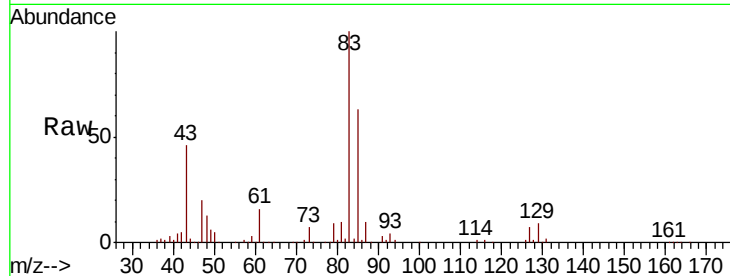
ClientSampleId :

VSTDICCC050

Tot Ion:	83	Resp:	92987
Ion Ratio	Lower	Upper	
83	100		
85	63.2	50.2	75.4
127	7.4	6.9	10.3

Manual Integrations
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#48

Methyl methacrylate

Concen: 56.120 ug/l

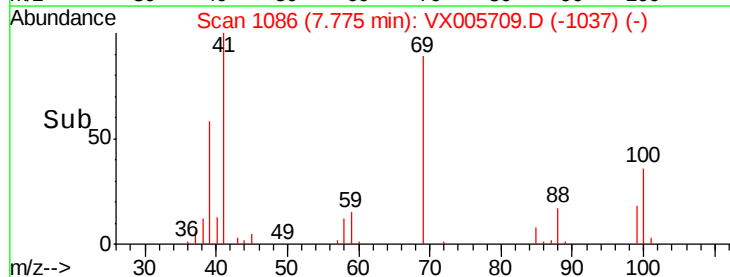
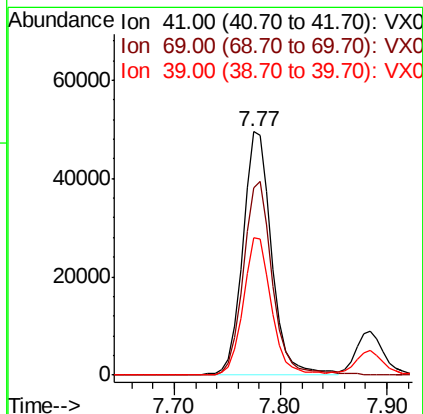
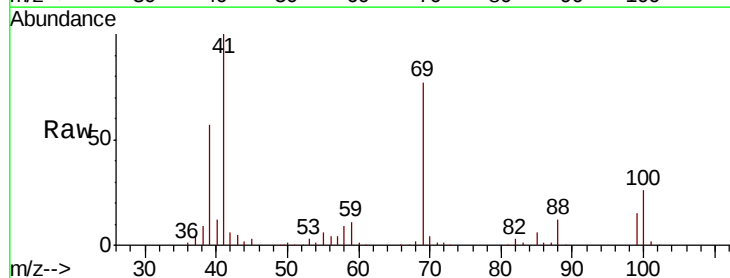
RT: 7.77 min Scan# 1086

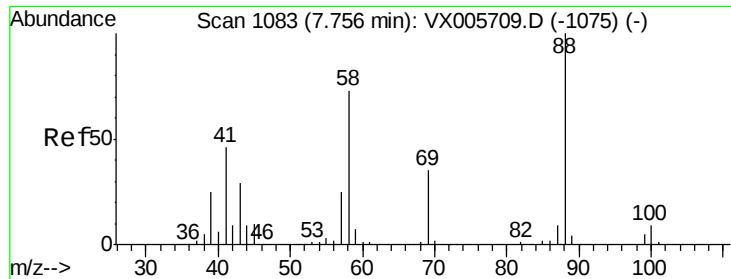
Delta R.T. 0.00 min

Lab File: VX005709.D

Acq: 31 Oct 2018 15:20

Tgt Ion:	41	Resp:	94042
Ion Ratio	Lower	Upper	
41	100		
69	80.2	63.2	94.8
39	55.5	42.2	63.2





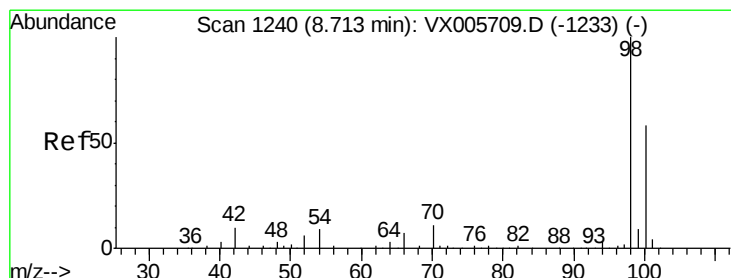
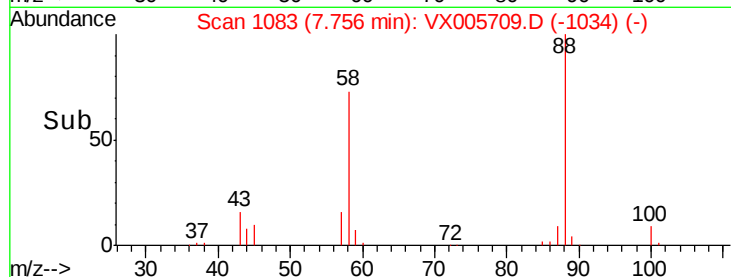
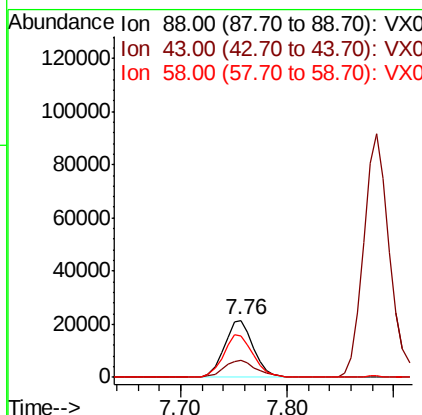
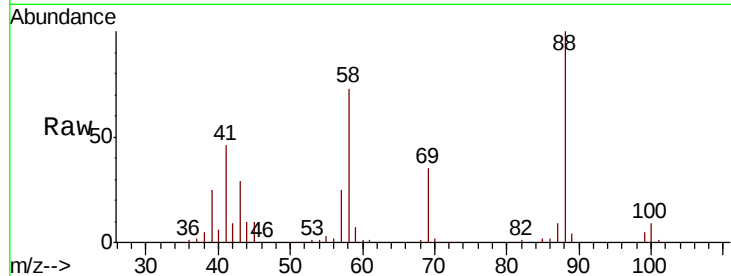
#49
1,4-Dioxane
Concen: 1114.617 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. 0.00 min
Lab File: VX005709.D
Acq: 31 Oct 2018 15:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.6	27.4	41.0
58	76.7	59.4	89.2

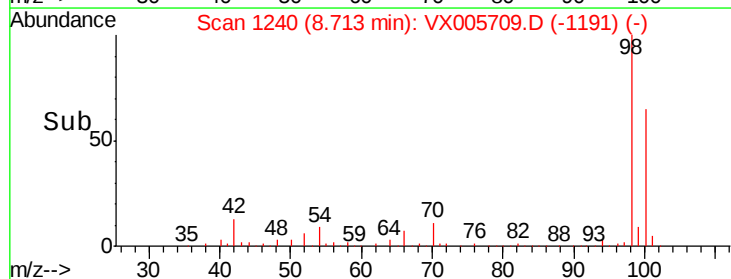
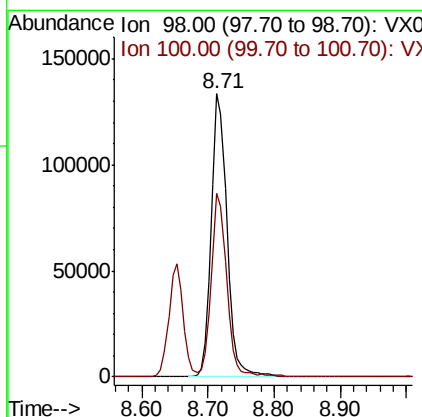
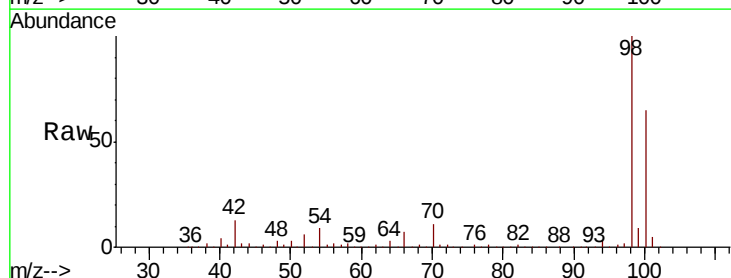
Manual Integrations
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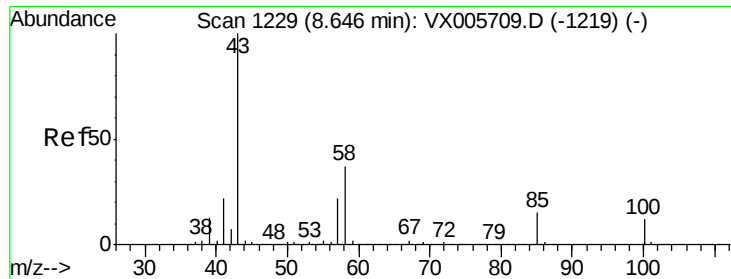
MMDadoda
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#50
Toluene-d8
Concen: 48.851 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX005709.D
Acq: 31 Oct 2018 15:20

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.3	76.9





#51

4-Methyl-2-Pentanone

Concen: 284.948 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX005709.D

Acq: 31 Oct 2018 15:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 658732

Ion Ratio Lower Upper

43 100

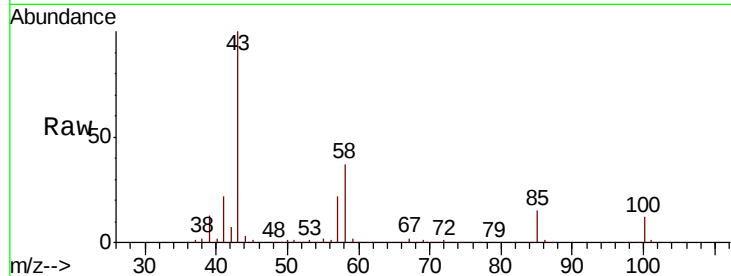
58 38.0 29.7 44.5

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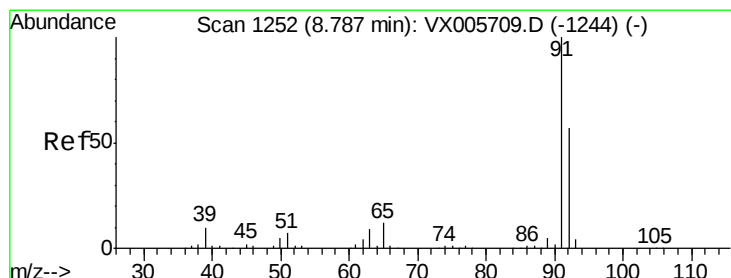
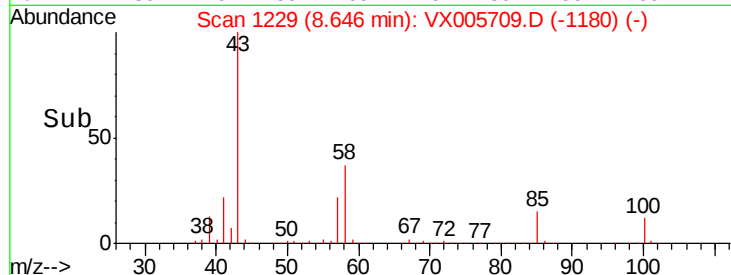
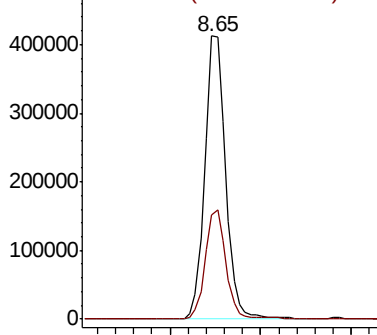
MMDadoda

11/1/2018 9:49:22 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 54.272 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX005709.D

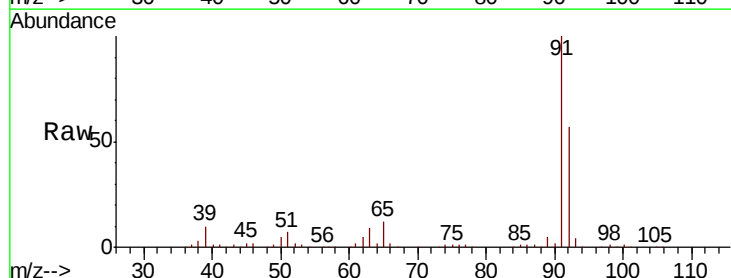
Acq: 31 Oct 2018 15:20

Tgt Ion: 92 Resp: 170084

Ion Ratio Lower Upper

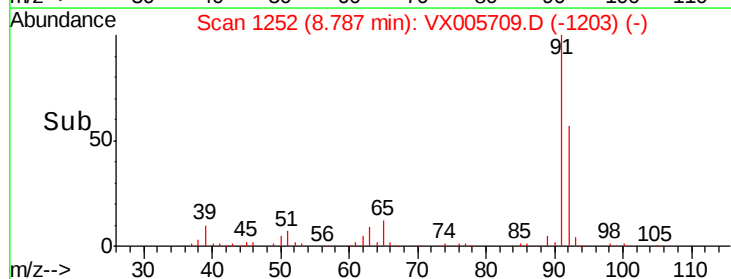
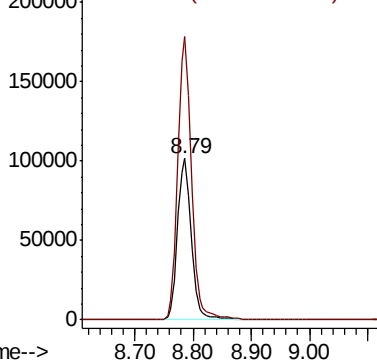
92 100

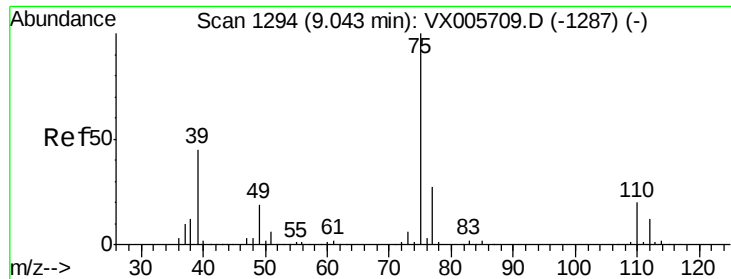
91 174.3 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





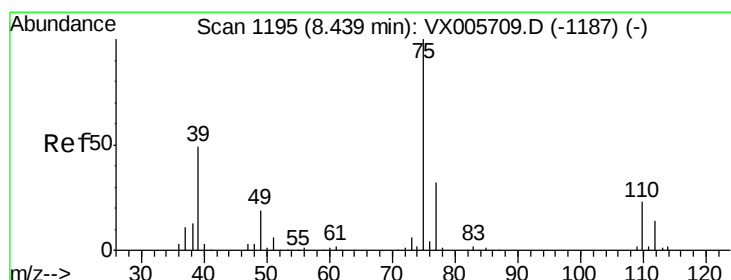
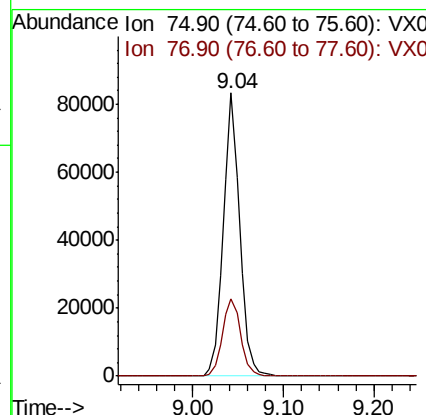
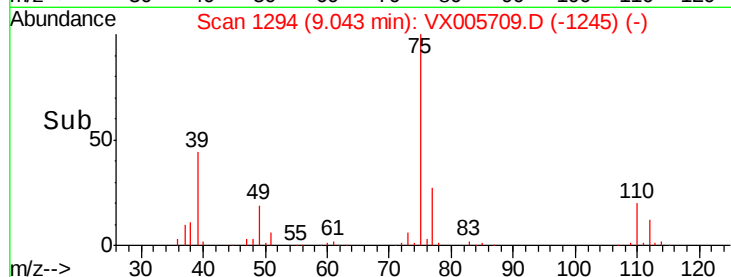
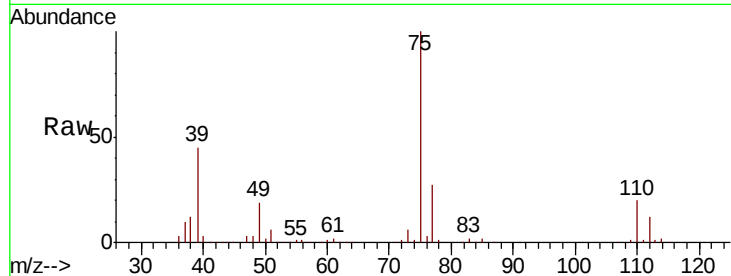
#53
t-1,3-Dichloropropene
Concen: 56.461 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX005709.D
Acq: 31 Oct 2018 15:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion: 75 Resp: 106045
Ion Ratio Lower Upper
75 100
77 27.4 25.4 38.2

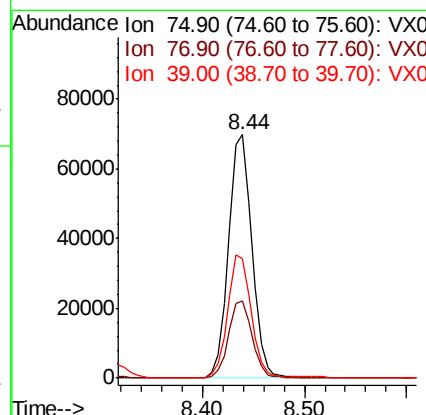
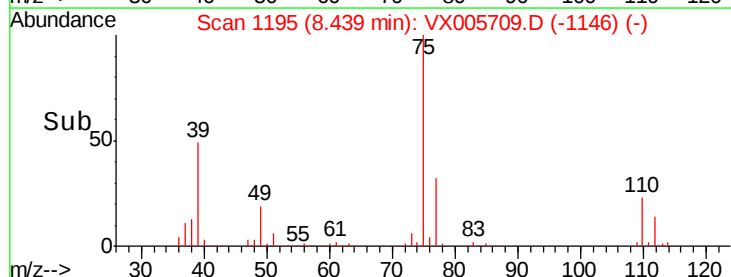
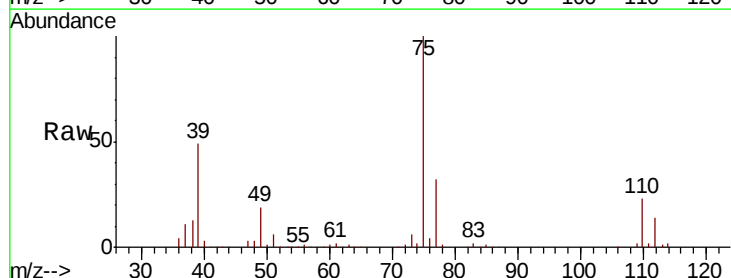
Manual Integrations
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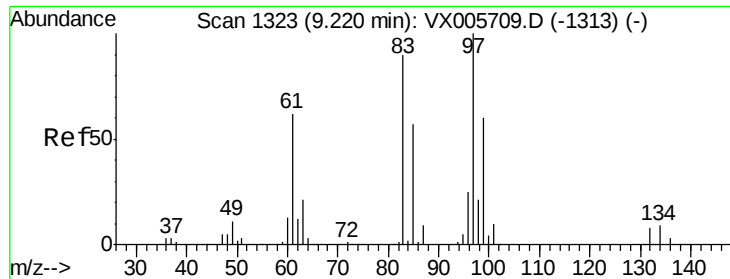
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#54
cis-1,3-Dichloropropene
Concen: 55.008 ug/l
RT: 8.44 min Scan# 1195
Delta R.T. 0.00 min
Lab File: VX005709.D
Acq: 31 Oct 2018 15:20

Tgt Ion: 75 Resp: 111235
Ion Ratio Lower Upper
75 100
77 31.9 25.2 37.8
39 49.2 38.2 57.2





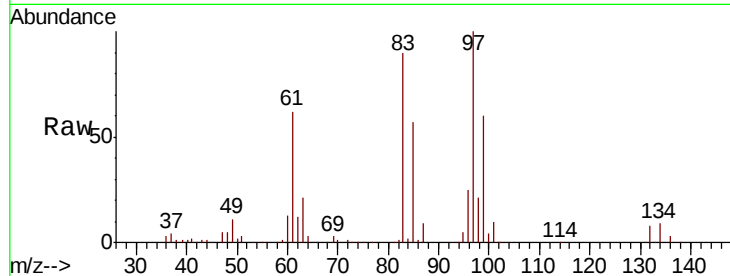
#55
 1,1,2-Trichloroethane
 Concen: 54.787 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. 0.00 min
 Lab File: VX005709.D
 Acq: 31 Oct 2018 15:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

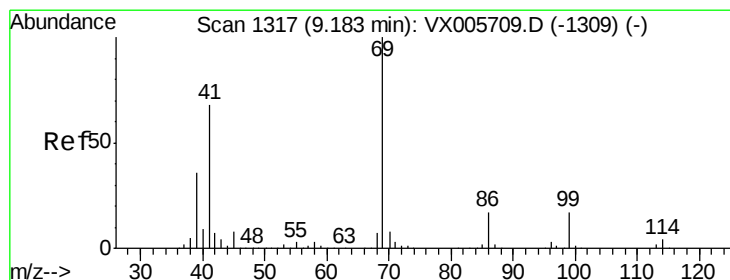
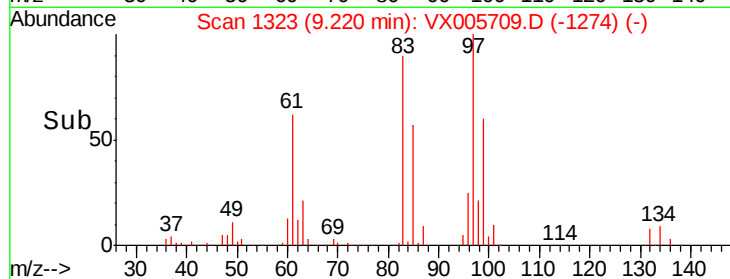
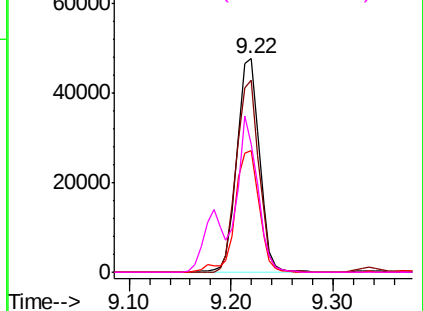
Tot Ion:	97	Resp:	72389
Ion	Ratio	Lower	Upper
97	100		
83	90.1	70.7	106.1
85	56.7	45.8	68.6
99	60.0	51.8	77.8

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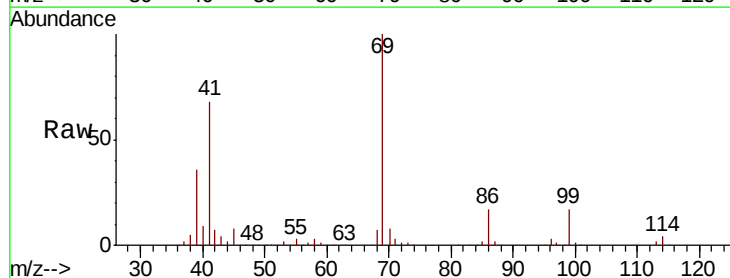


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

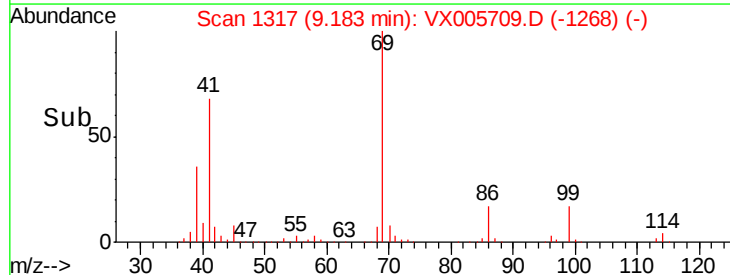
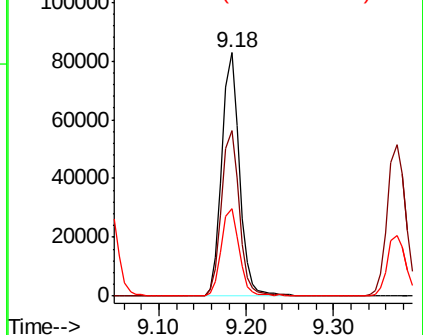


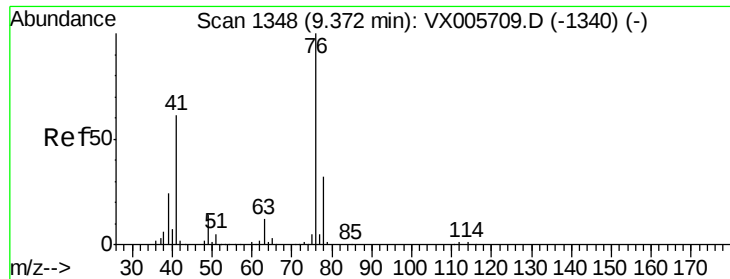
#56
 Ethyl methacrylate
 Concen: 58.825 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX005709.D
 Acq: 31 Oct 2018 15:20

Tgt Ion:	69	Resp:	115932
Ion	Ratio	Lower	Upper
69	100		
41	68.8	57.0	85.6
39	36.3	28.3	42.5



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





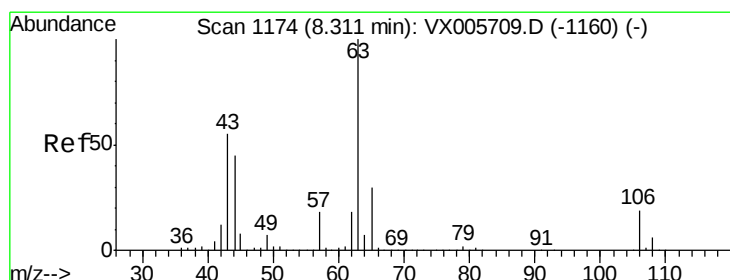
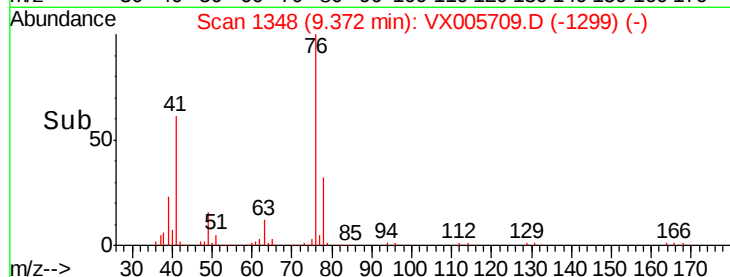
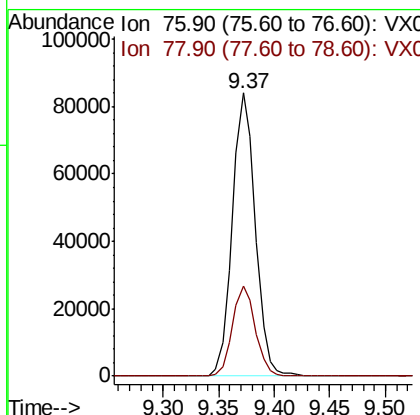
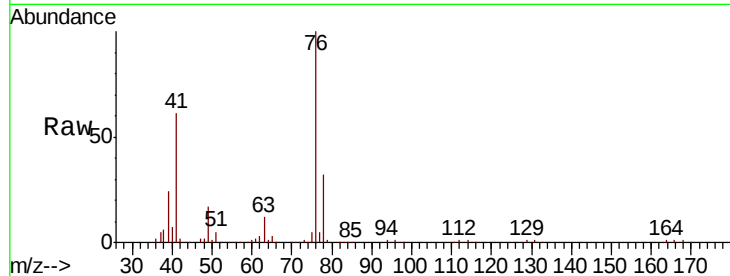
#57
 1,3-Dichloropropane
 Concen: 53.765 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX005709.D
 Acq: 31 Oct 2018 15:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.9	25.3	37.9

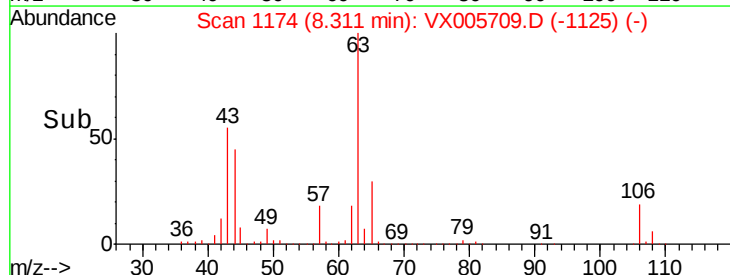
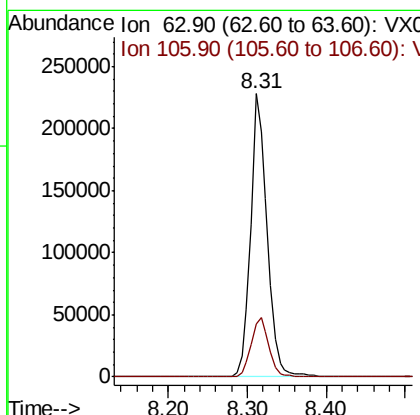
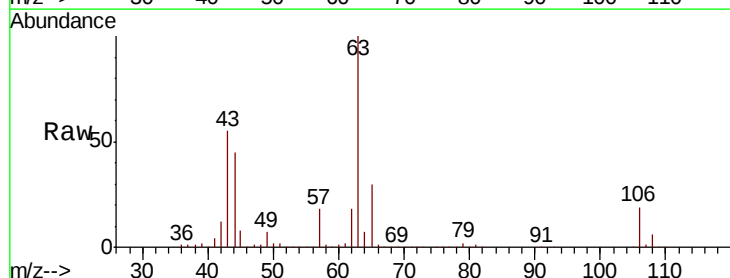
Manual Integrations
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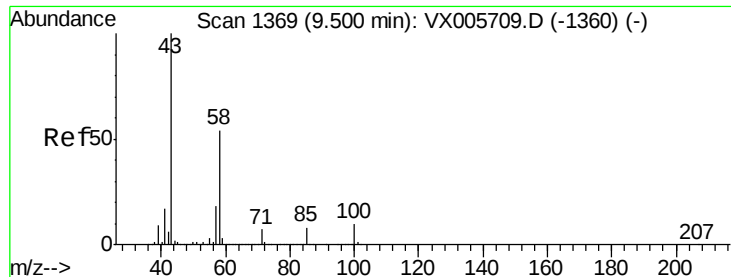
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#58
 2-Chloroethyl Vinyl ether
 Concen: 301.181 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX005709.D
 Acq: 31 Oct 2018 15:20

Tgt Ion	Ratio	Lower	Upper
63	100		
106	22.7	21.3	31.9





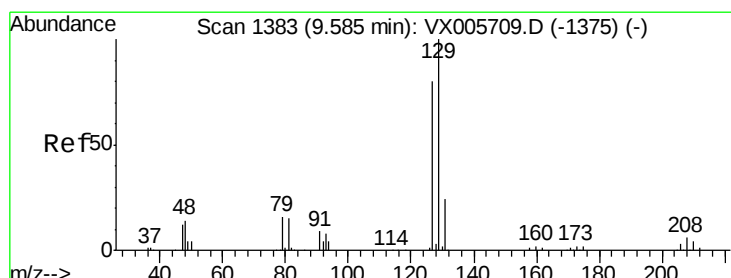
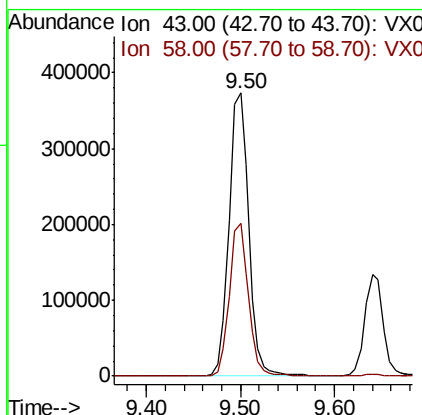
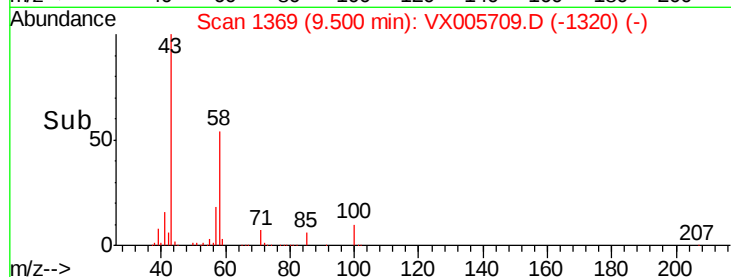
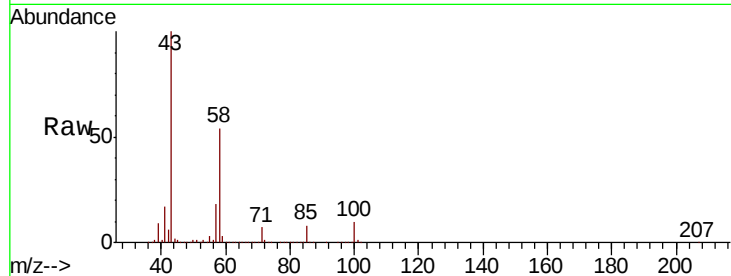
#59
2-Hexanone
Concen: 298.050 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. 0.00 min
Lab File: VX005709.D
Acq: 31 Oct 2018 15:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion: 43 Resp: 543259
Ion Ratio Lower Upper
43 100
58 52.5 25.9 77.8

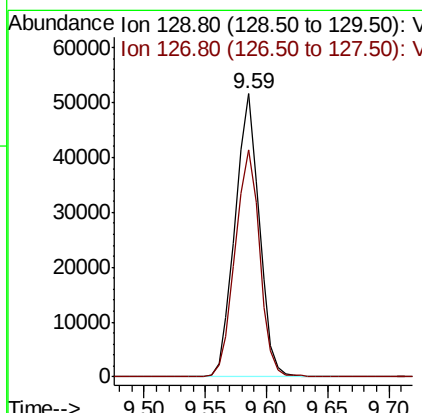
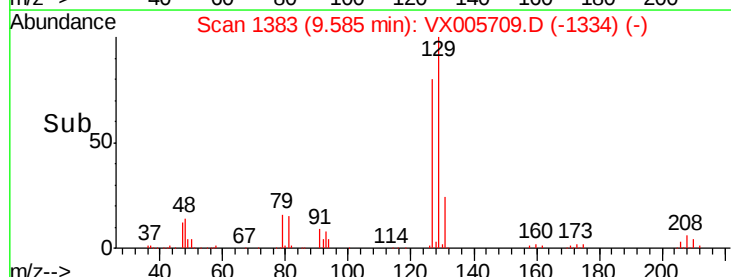
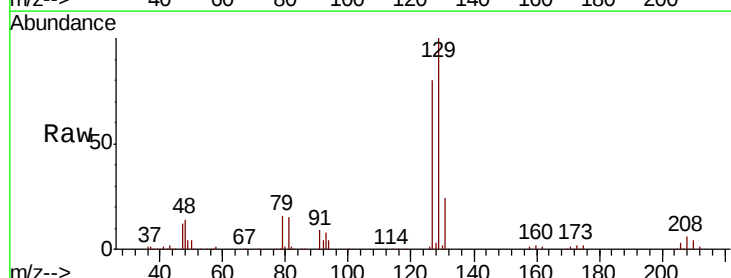
Manual Integrations
APPROVED

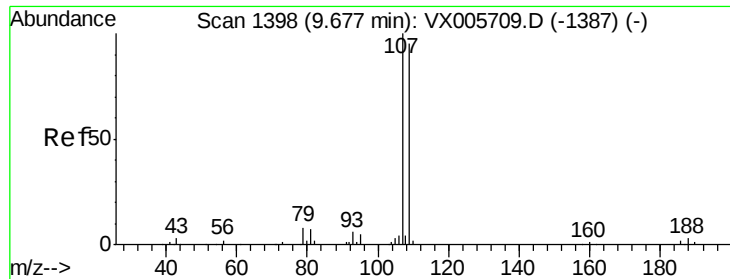
MMDadoda
11/1/2018 9:49:22 AM



#60
Dibromochloromethane
Concen: 51.202 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX005709.D
Acq: 31 Oct 2018 15:20

Tgt Ion:129 Resp: 70584
Ion Ratio Lower Upper
129 100
127 81.1 38.9 116.7





#61

1,2-Dibromoethane

Concen: 56.546 ug/l

RT: 9.68 min Scan# 1398

Delta R.T. 0.00 min

Lab File: VX005709.D

Acq: 31 Oct 2018 15:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion:107 Resp: 77294

Ion Ratio Lower Upper

107 100

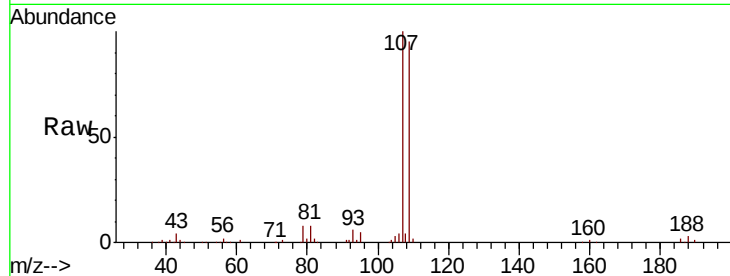
109 94.2 75.7 113.5

Manual Integrations

APPROVED

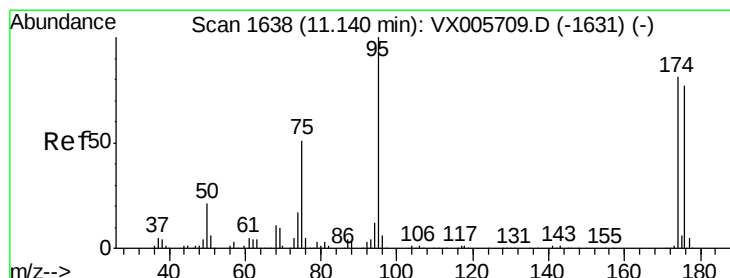
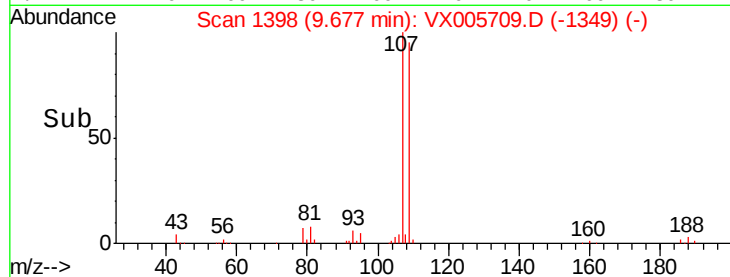
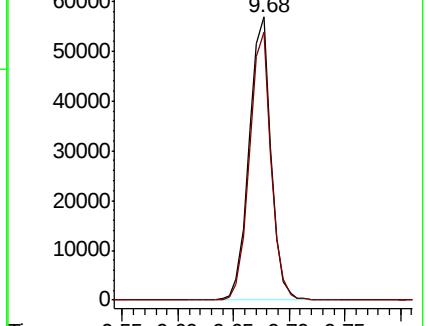
MMDadoda

11/1/2018 9:49:22 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.685 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX005709.D

Acq: 31 Oct 2018 15:20

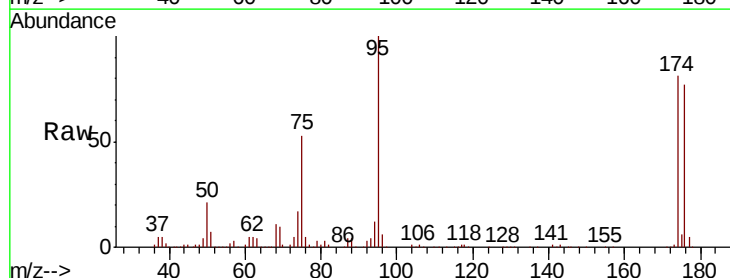
Tgt Ion: 95 Resp: 81214

Ion Ratio Lower Upper

95 100

174 77.8 0.0 184.4

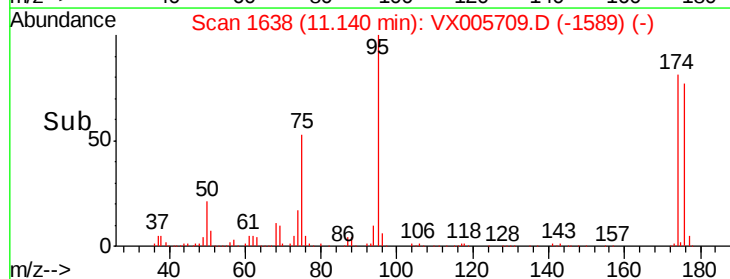
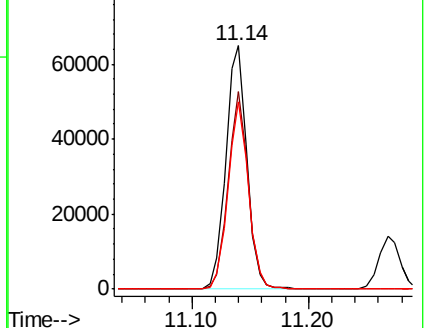
176 75.0 0.0 177.4

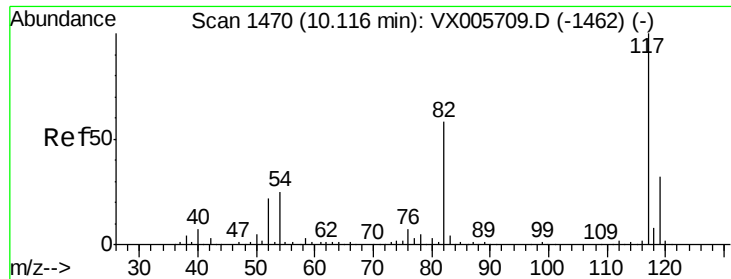


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





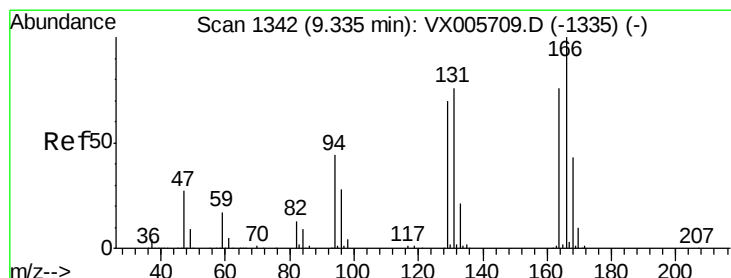
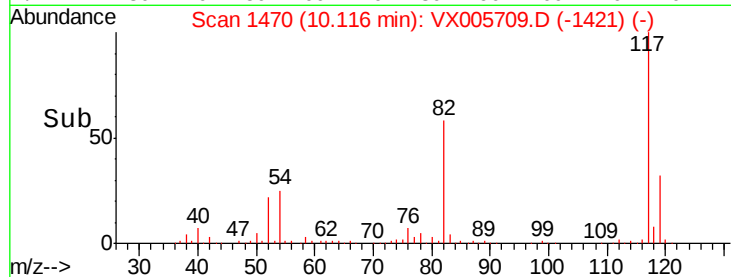
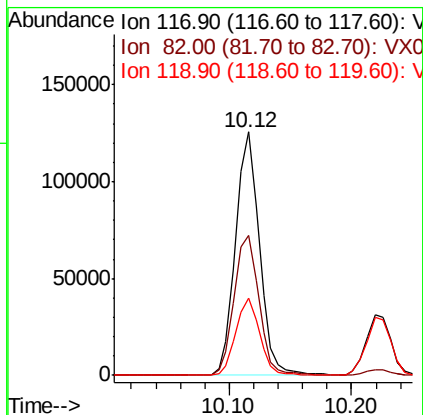
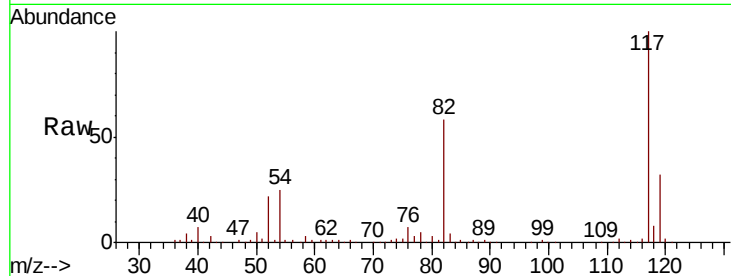
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005709.D
Acq: 31 Oct 2018 15:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.6	44.1	66.1
119	31.9	26.2	39.2

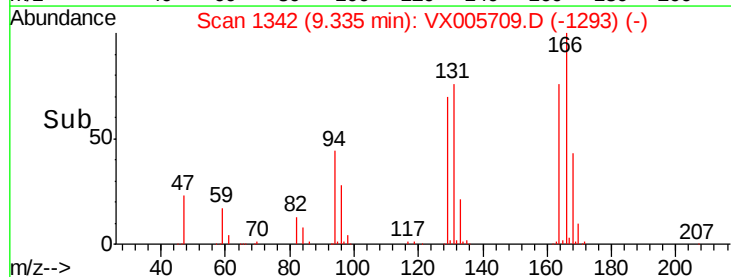
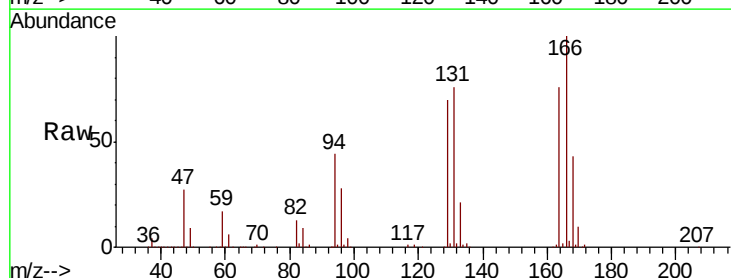
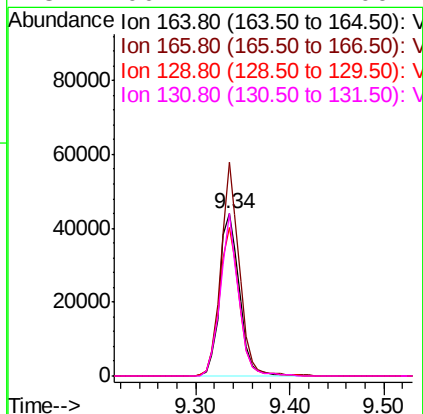
Manual Integrations
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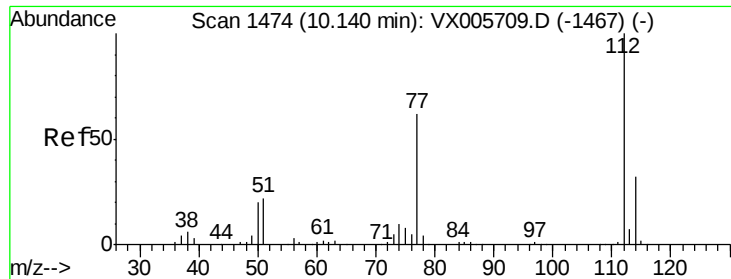
MMDadoda
11/1/2018 9:49:22 AM



#64
Tetrachloroethene
Concen: 45.509 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX005709.D
Acq: 31 Oct 2018 15:20

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.9	101.9	152.9
129	91.8	72.6	109.0
131	100.1	71.1	106.7





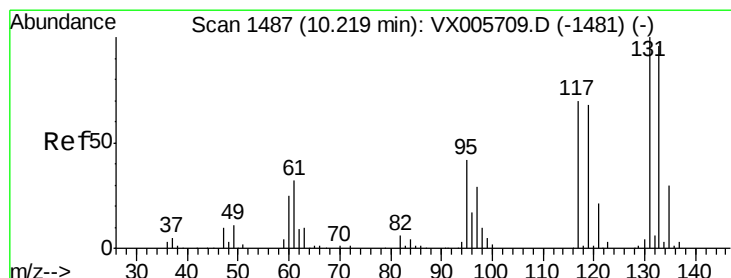
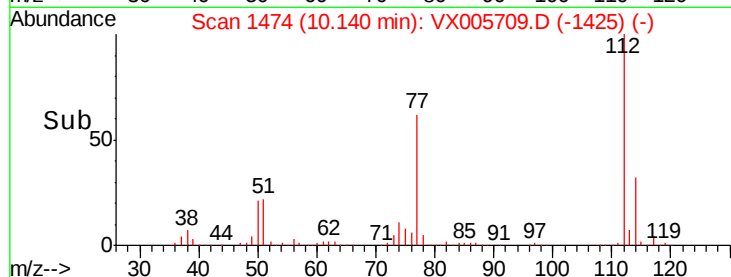
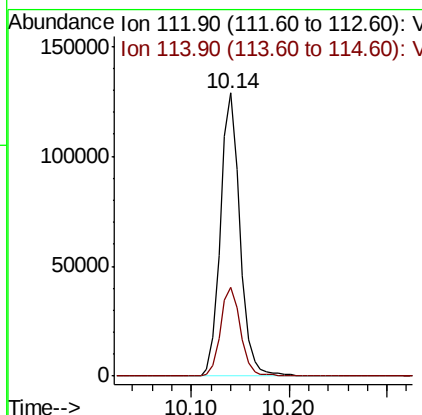
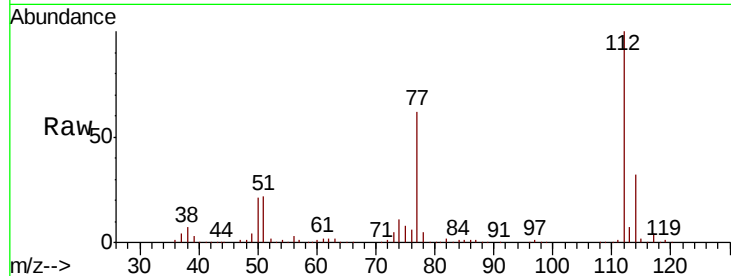
#65
Chlorobenzene
Concen: 49.358 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX005709.D
Acq: 31 Oct 2018 15:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion:112 Resp: 178481
Ion Ratio Lower Upper
112 100
114 31.5 25.8 38.6

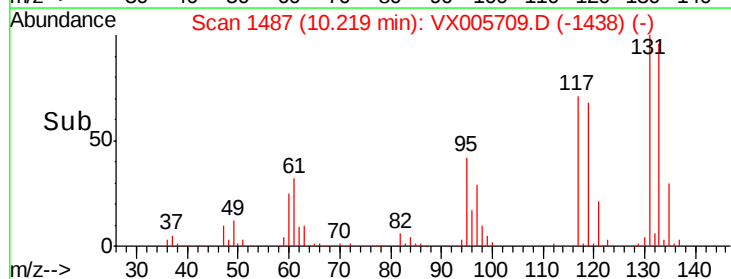
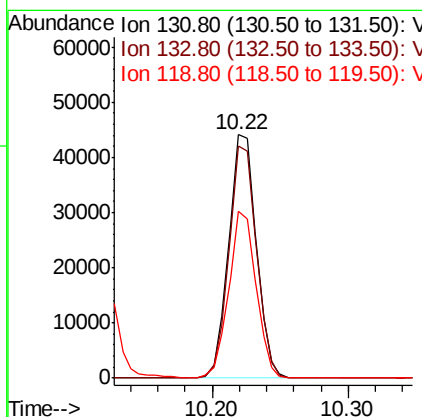
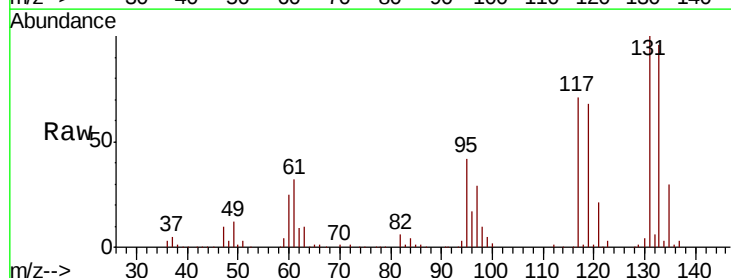
Manual Integrations
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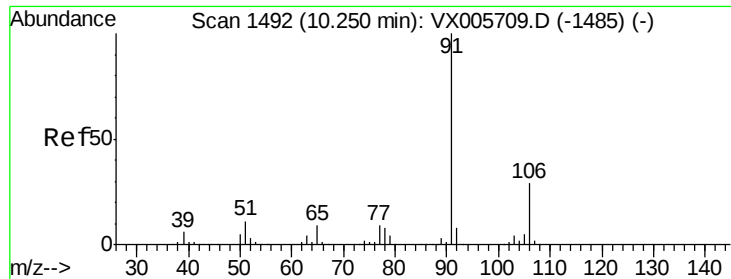
MMDadoda
11/1/2018 9:49:22 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 47.275 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX005709.D
Acq: 31 Oct 2018 15:20

Tgt Ion:131 Resp: 62334
Ion Ratio Lower Upper
131 100
133 95.3 47.5 142.5
119 67.8 31.8 95.3





#67

Ethyl Benzene

Concen: 53.867 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX005709.D

Acq: 31 Oct 2018 15:20

Instrument :

MSVOA_X

ClientSampled :

VSTDICCC050

Tot Ion: 91 Resp: 320484

Ion Ratio Lower Upper

91 100

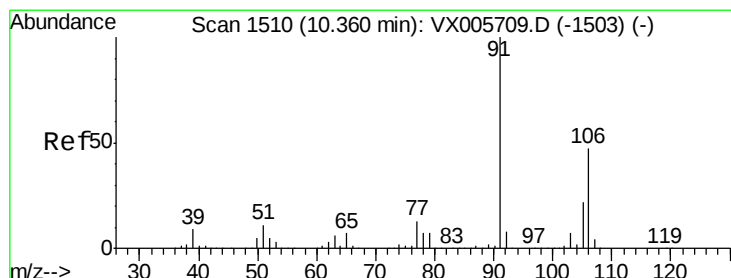
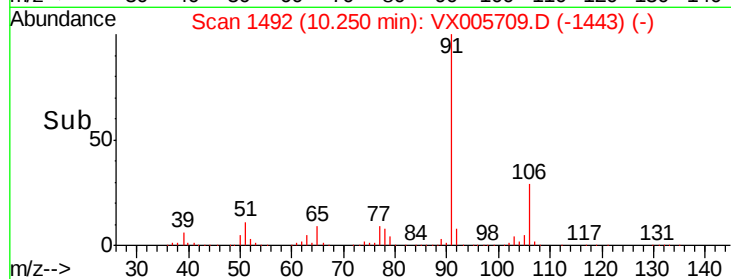
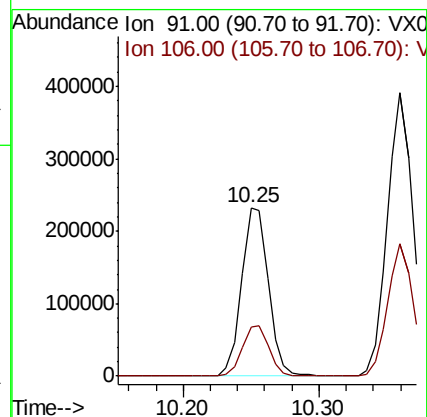
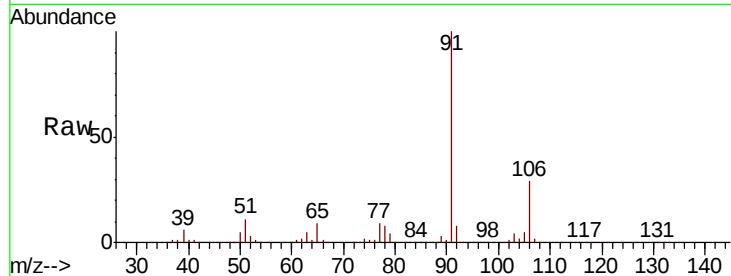
106 29.0 24.4 36.6

Manual Integrations

APPROVED

MMDadoda

11/1/2018 9:49:22 AM



#68

m/p-Xylenes

Concen: 104.593 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX005709.D

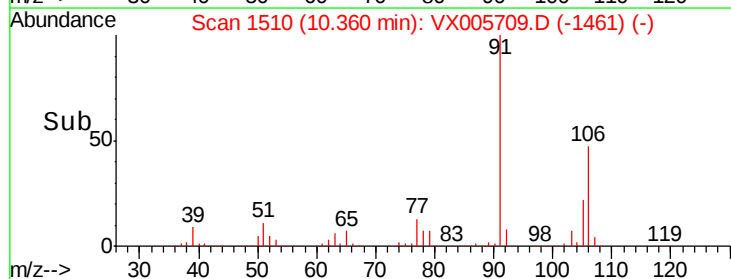
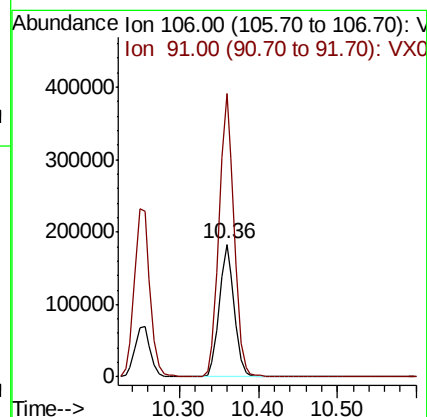
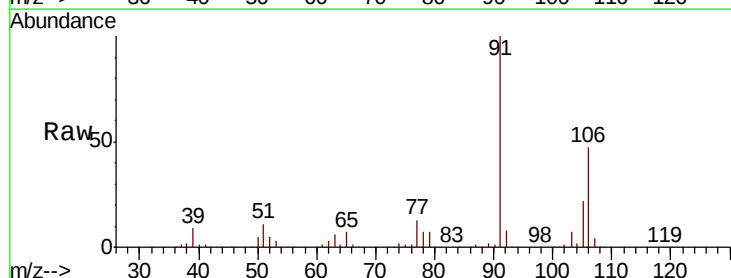
Acq: 31 Oct 2018 15:20

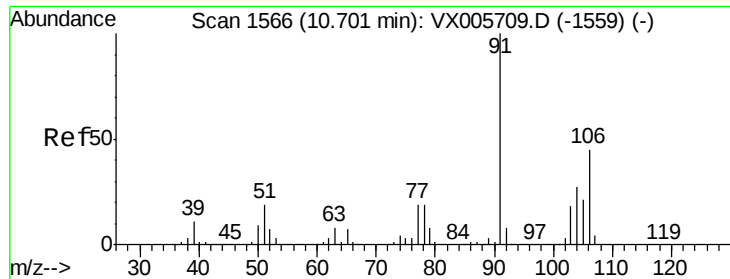
Tgt Ion: 106 Resp: 241424

Ion Ratio Lower Upper

106 100

91 215.4 164.2 246.4





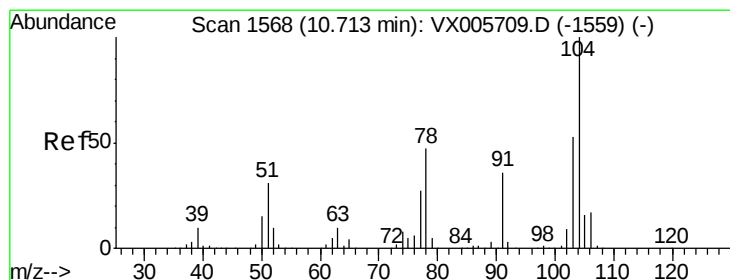
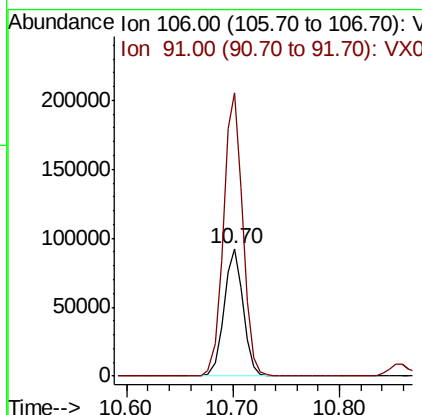
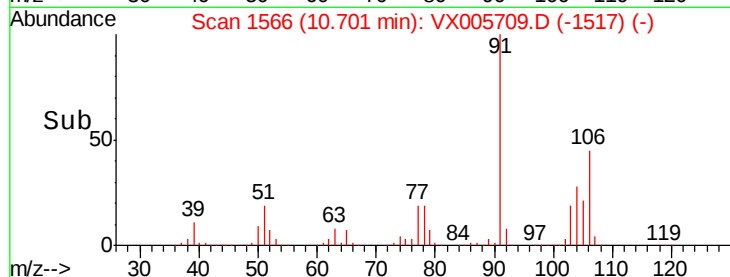
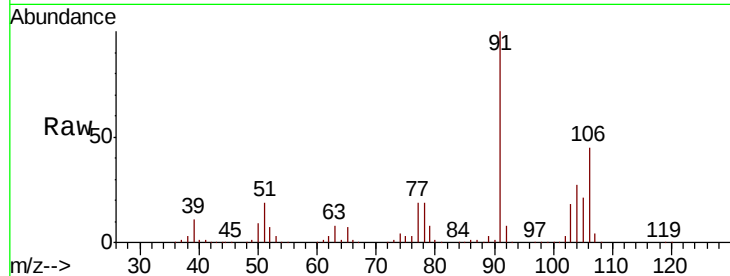
#69
o-Xylene
Concen: 53.421 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX005709.D
Acq: 31 Oct 2018 15:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion:106 Resp: 116011
Ion Ratio Lower Upper
106 100
91 223.4 108.5 325.5

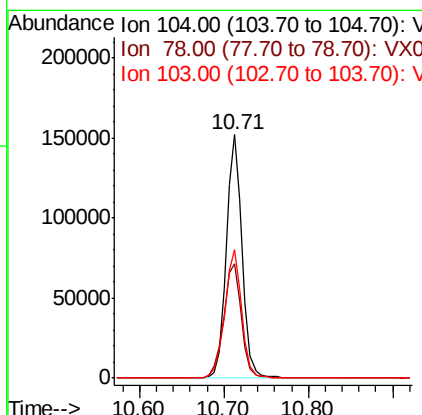
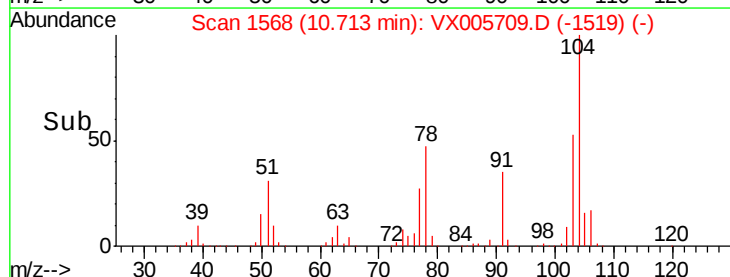
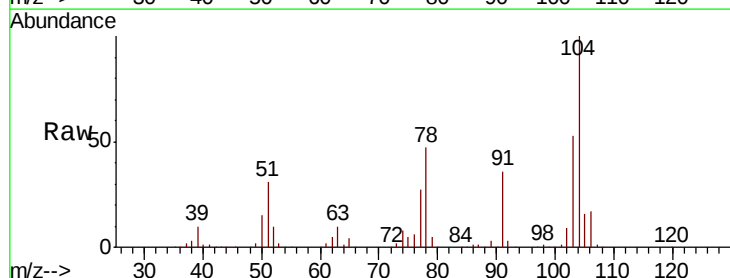
Manual Integrations
APPROVED

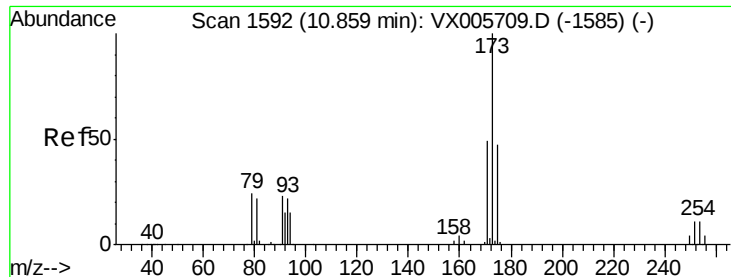
MMDadoda
11/1/2018 9:49:22 AM



#70
Styrene
Concen: 53.876 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX005709.D
Acq: 31 Oct 2018 15:20

Tgt Ion:104 Resp: 195859
Ion Ratio Lower Upper
104 100
78 53.3 40.2 60.4
103 56.9 44.9 67.3





#71

Bromoform

Concen: 43.717 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX005709.D

Acq: 31 Oct 2018 15:20

Instrument :

MSVOA_X

ClientSampled :

VSTDICCC050

Tot Ion:173 Resp: 51437

Ion Ratio Lower Upper

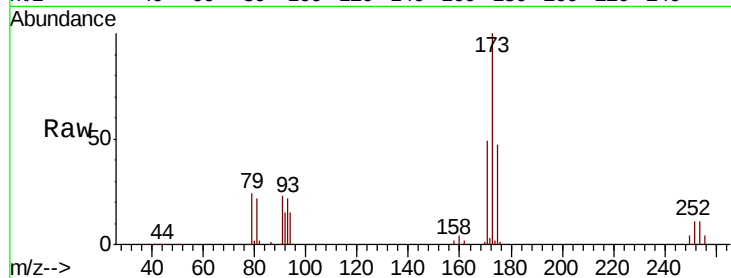
173 100

175 47.6 24.8 74.3

254 0.1 0.2 0.2#

Manual Integrations
APPROVED

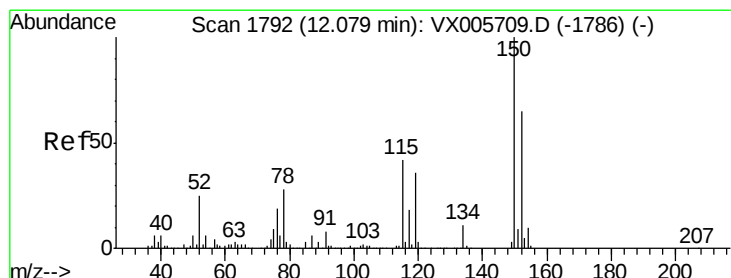
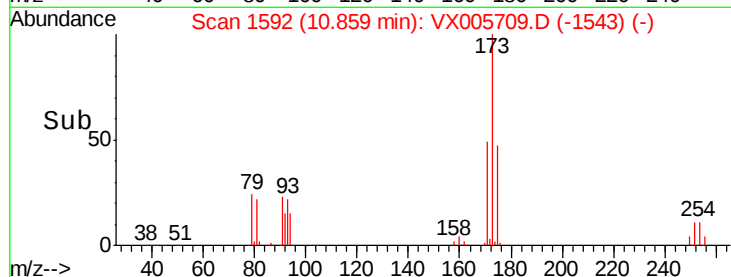
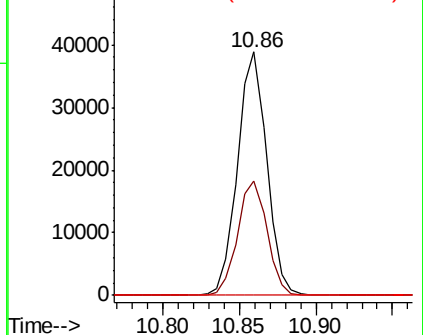
MMDadoda
11/1/2018 9:49:22 AM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX005709.D

Acq: 31 Oct 2018 15:20

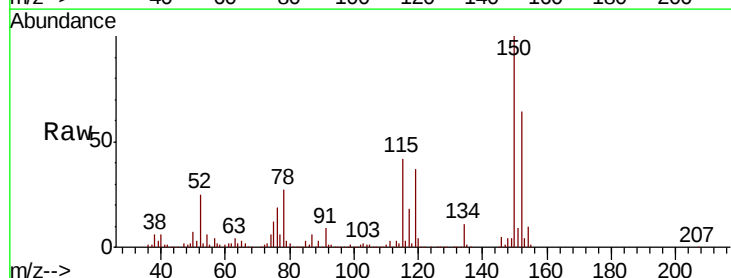
Tgt Ion:152 Resp: 89667

Ion Ratio Lower Upper

152 100

115 85.7 39.4 118.1

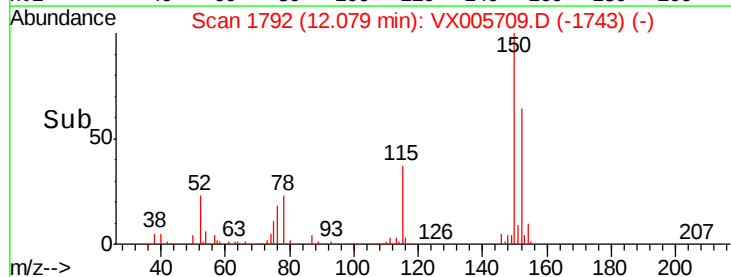
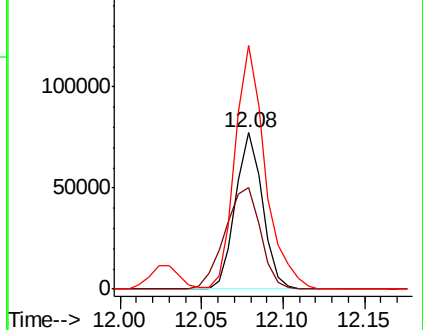
150 173.0 0.0 346.4

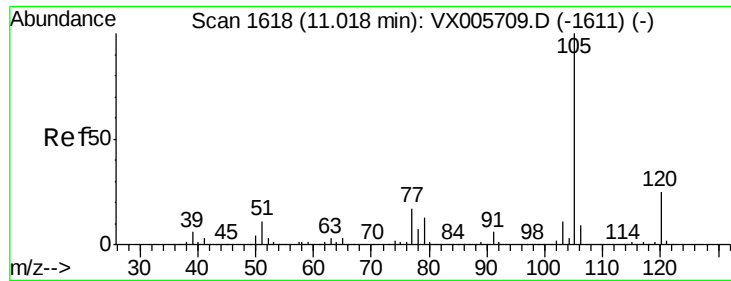


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 57.837 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX005709.D

Acq: 31 Oct 2018 15:20

Instrument :

MSVOA_X

ClientSampled :

VSTDICCC050

Tot Ion: 105 Resp: 317013

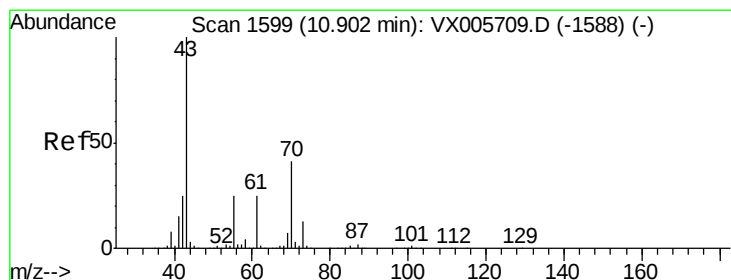
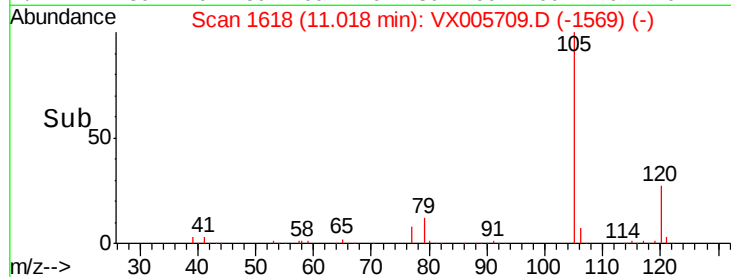
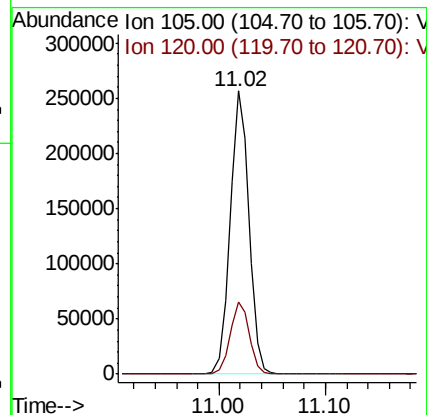
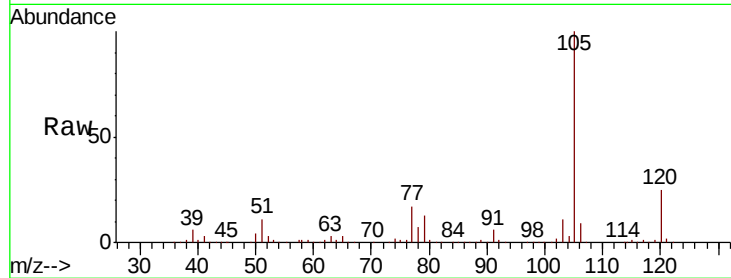
Ion Ratio Lower Upper

105 100

120 25.9 13.1 39.3

Manual Integrations
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11/1/2018 9:49:22 AM



#74

N-ethyl acetate

Concen: 61.955 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.00 min

Lab File: VX005709.D

Acq: 31 Oct 2018 15:20

Tgt Ion: 43 Resp: 168267

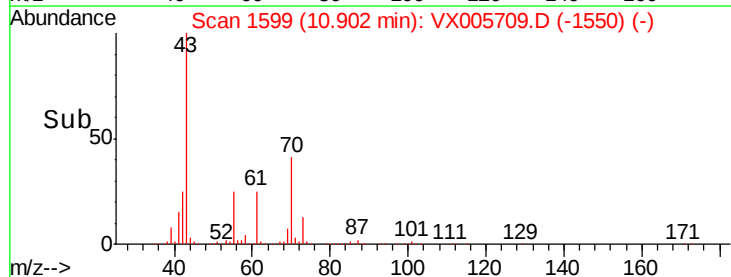
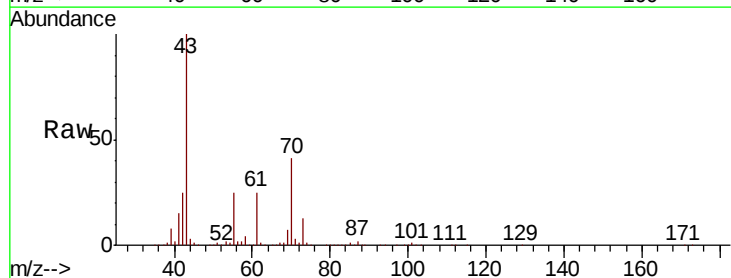
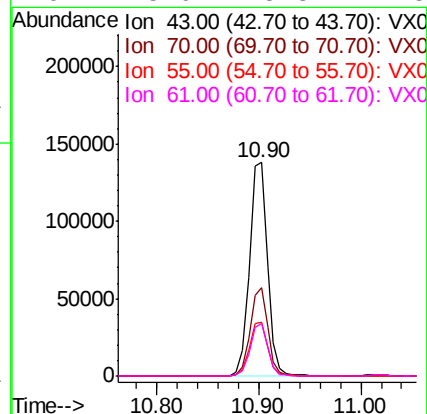
Ion Ratio Lower Upper

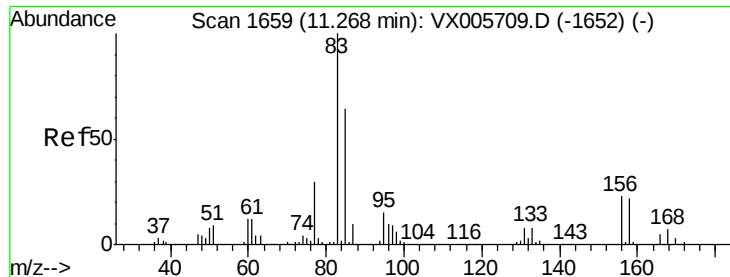
43 100

70 40.6 31.6 47.4

55 25.6 19.7 29.5

61 23.9 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 61.085 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX005709.D

Acq: 31 Oct 2018 15:20

Instrument :

MSVOA_X

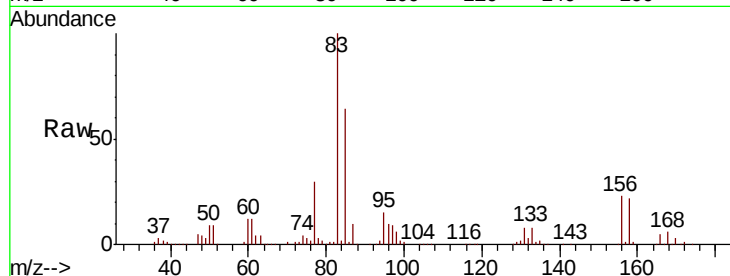
ClientSampleId :

VSTDICCC050

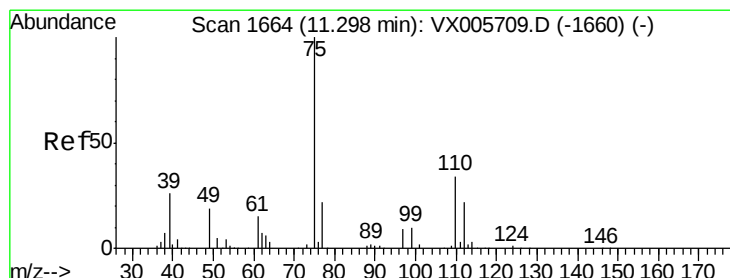
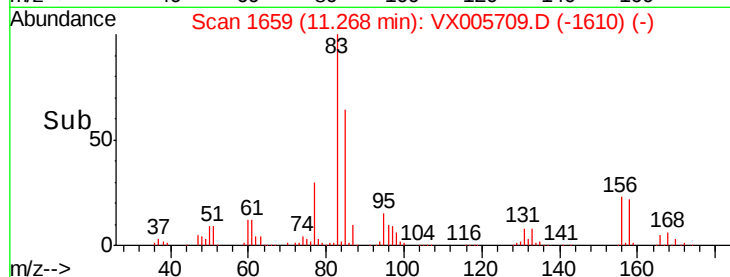
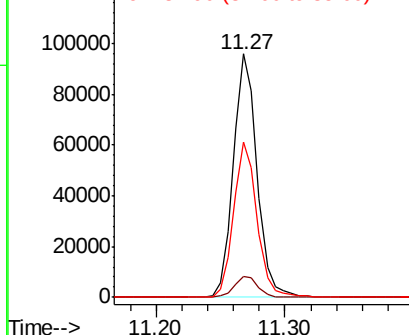
Tot Ion:	83	Resp:	123524
Ion Ratio	Lower	Upper	
83	100		
131	8.6	5.3	15.9
85	63.0	32.0	96.2

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Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 59.063 ug/l m

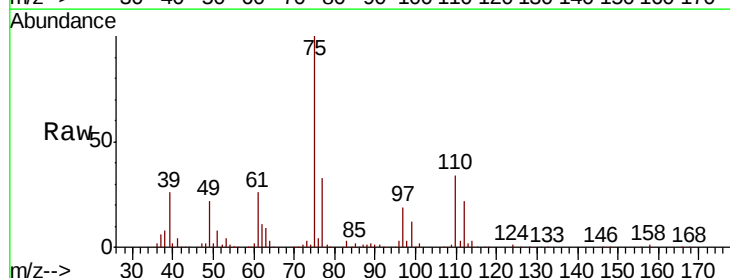
RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

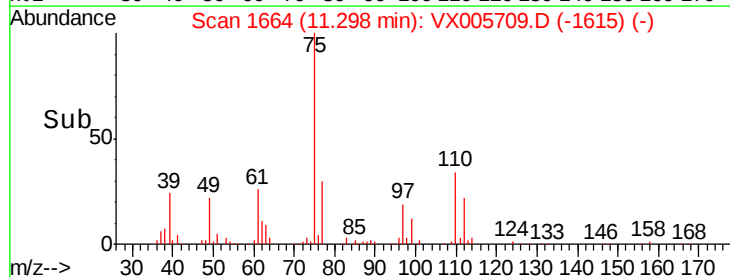
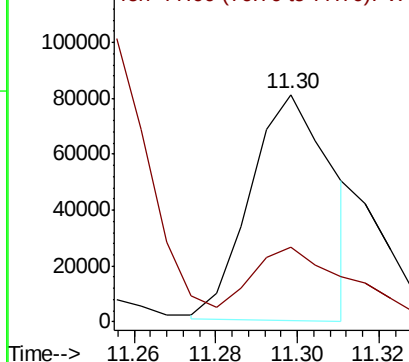
Lab File: VX005709.D

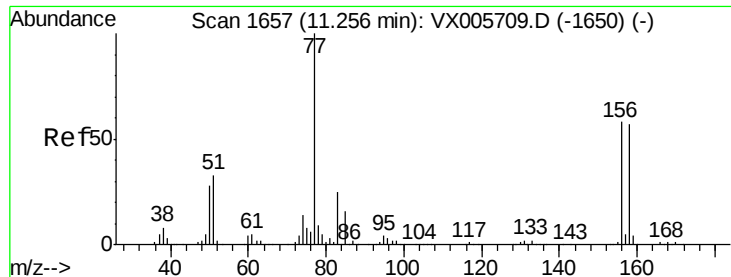
Acq: 31 Oct 2018 15:20

Tgt Ion:	75	Resp:	112209
Ion Ratio	Lower	Upper	
75	100		
77	40.7	20.5	61.6



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.050 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX005709.D

Acq: 31 Oct 2018 15:20

Instrument :

MSVOA_X

ClientSampled :

VSTDICCC050

Tot Ion:156 Resp: 74926

Ion Ratio Lower Upper

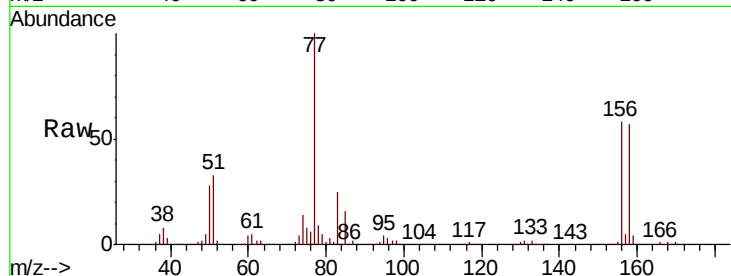
156 100

77 175.1 74.8 224.4

158 96.7 49.1 147.3

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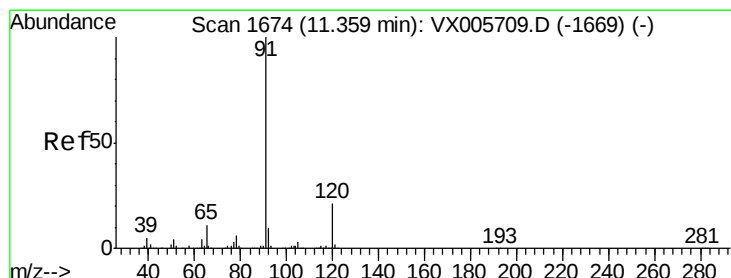
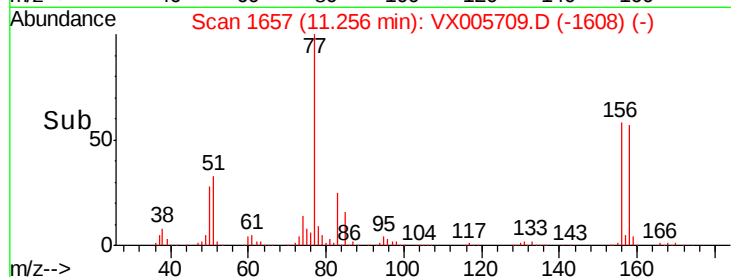
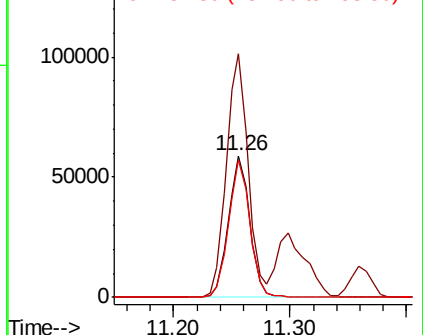
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 61.617 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX005709.D

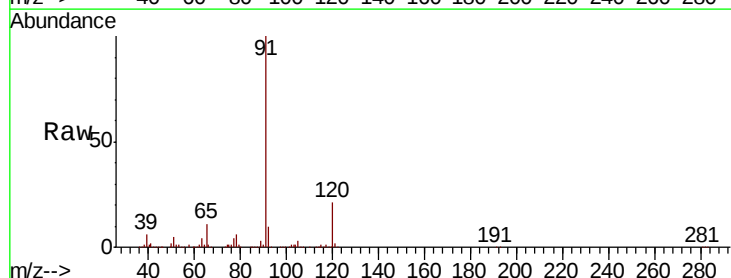
Acq: 31 Oct 2018 15:20

Tgt Ion: 91 Resp: 386185

Ion Ratio Lower Upper

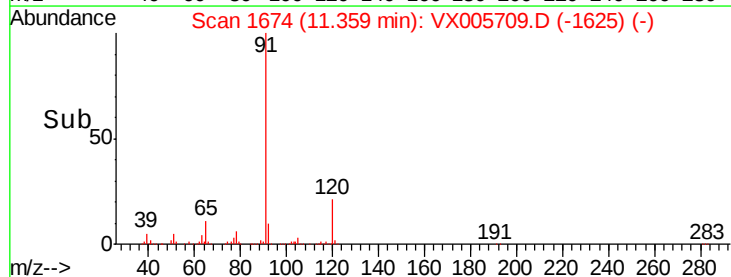
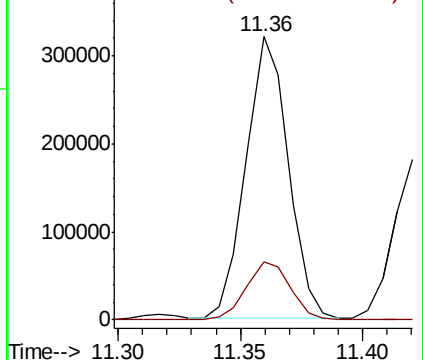
91 100

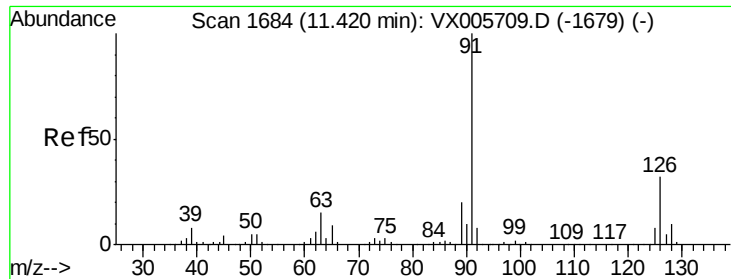
120 21.5 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 57.920 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX005709.D

Acq: 31 Oct 2018 15:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 91 Resp: 225081

Ion Ratio Lower Upper

91 100

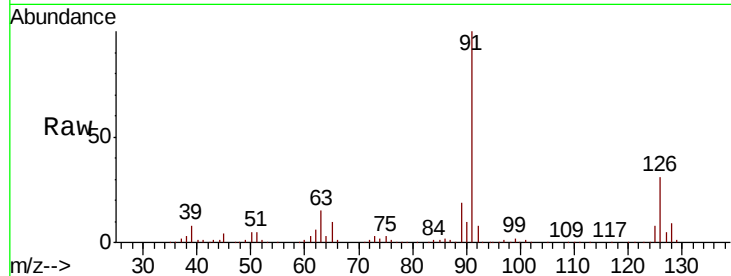
126 32.3 17.3 52.0

Manual Integrations

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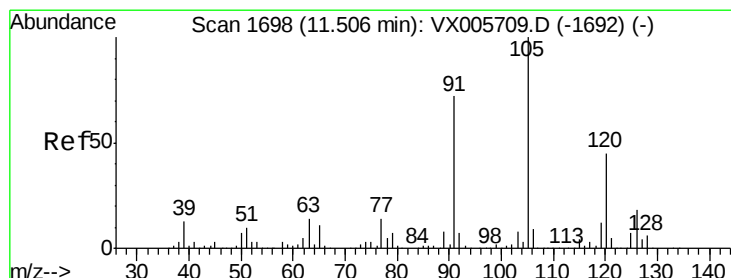
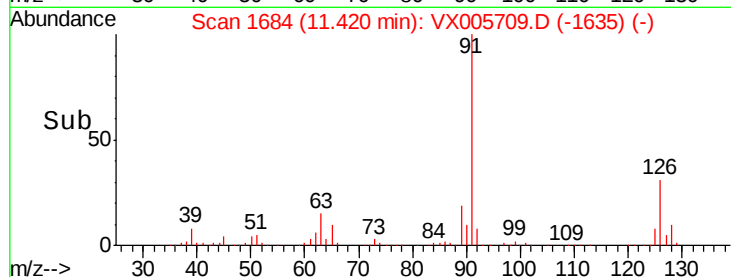
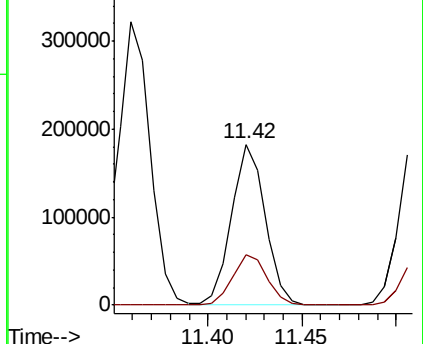
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Abundance Ion 91.00 (90.70 to 91.70): VX005709.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX005709.D (-1679) (-)



#80

1,3,5-Trimethylbenzene

Concen: 58.427 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX005709.D

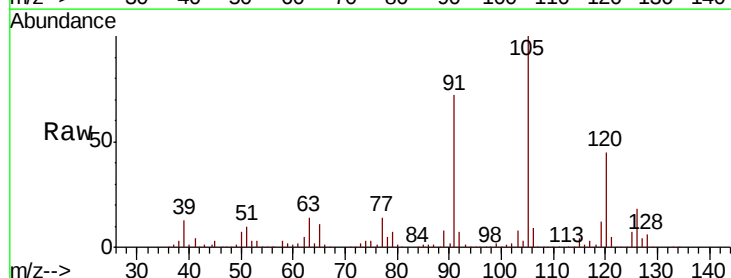
Acq: 31 Oct 2018 15:20

Tgt Ion: 105 Resp: 273959

Ion Ratio Lower Upper

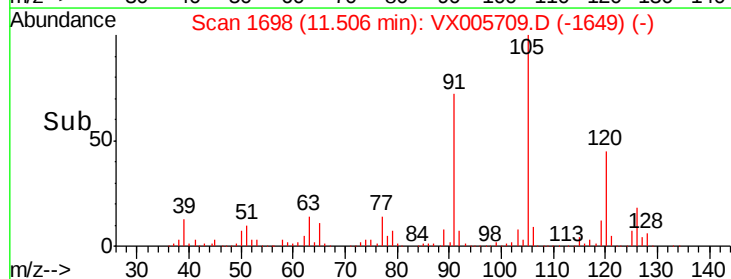
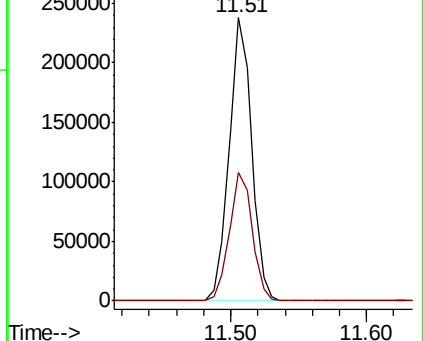
105 100

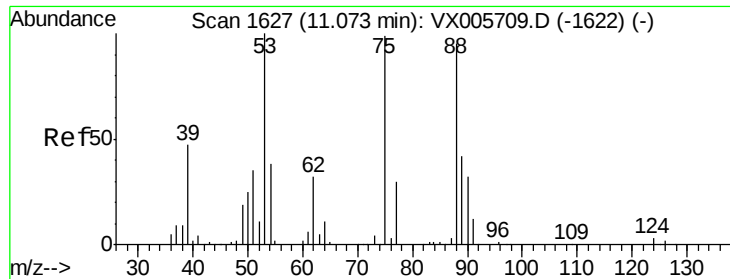
120 46.2 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): VX005709.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX005709.D (-1692) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 62.302 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX005709.D

Acq: 31 Oct 2018 15:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 75 Resp: 36224

Ion Ratio Lower Upper

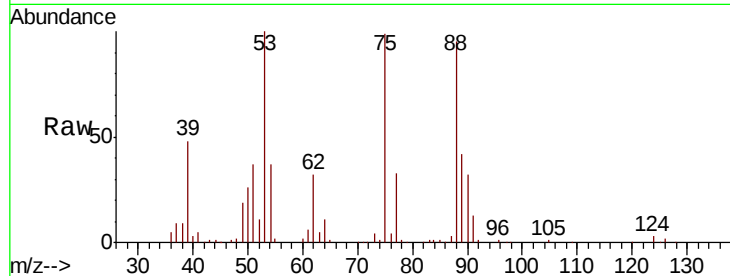
75 100

53 100.6 80.2 120.2

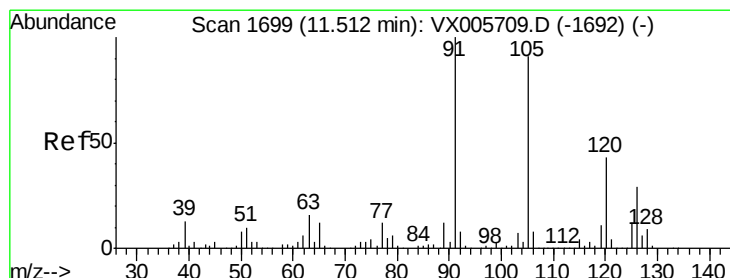
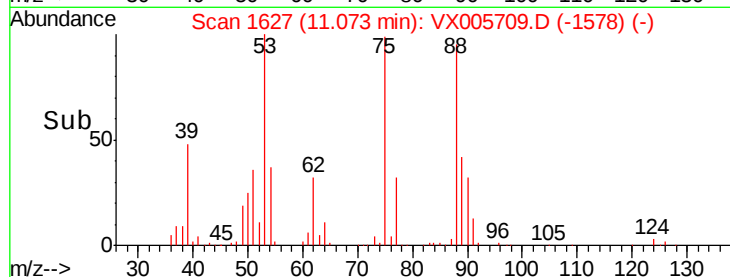
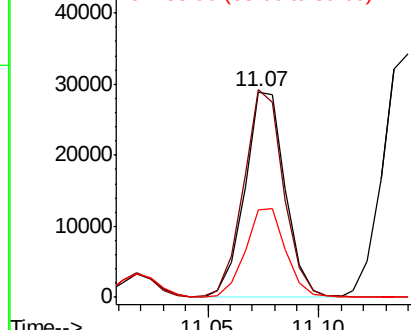
89 43.7 39.8 59.8

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Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 58.542 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX005709.D

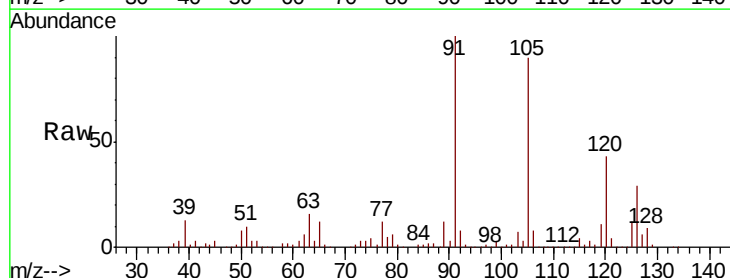
Acq: 31 Oct 2018 15:20

Tgt Ion: 91 Resp: 268256

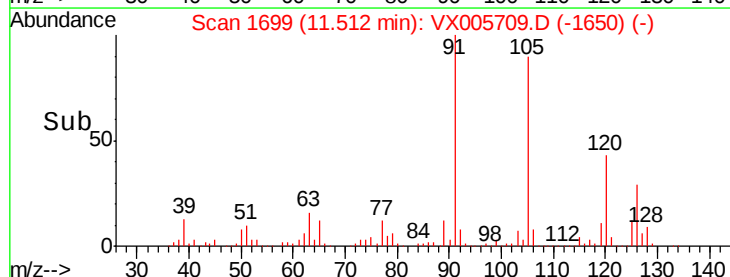
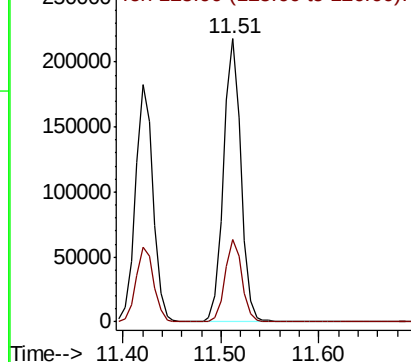
Ion Ratio Lower Upper

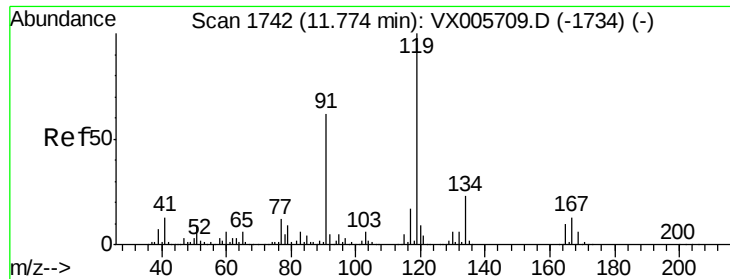
91 100

126 28.4 15.2 45.6



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V





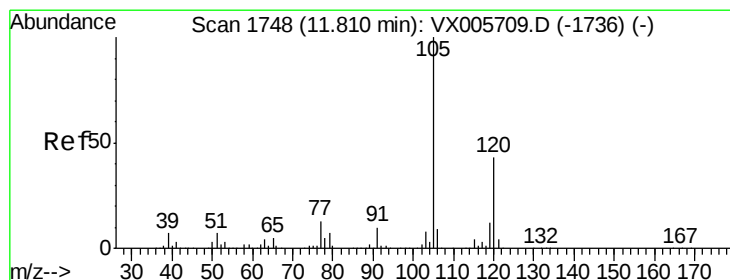
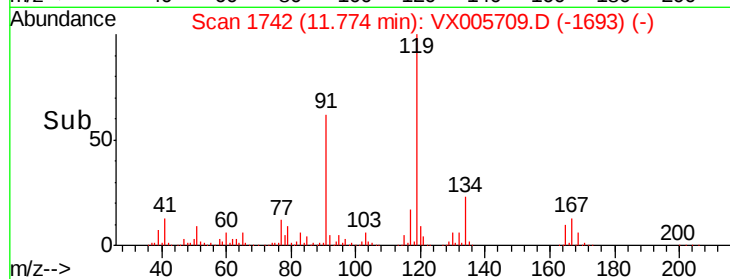
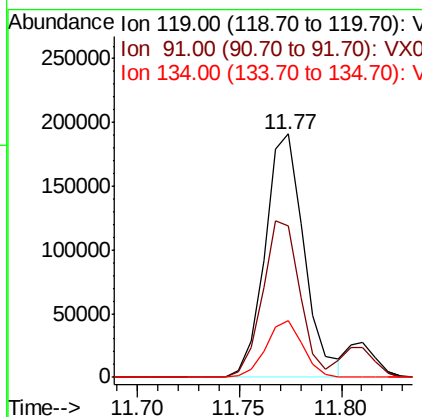
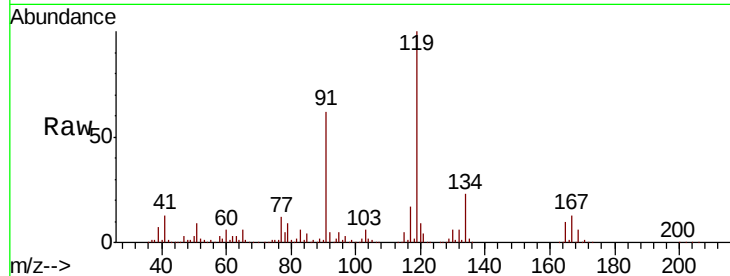
#83
 tert-Butylbenzene
 Concen: 54.636 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: VX005709.D
 Acq: 31 Oct 2018 15:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	255363		
91	61.6	28.5	85.5	
134	22.0	11.3	33.8	

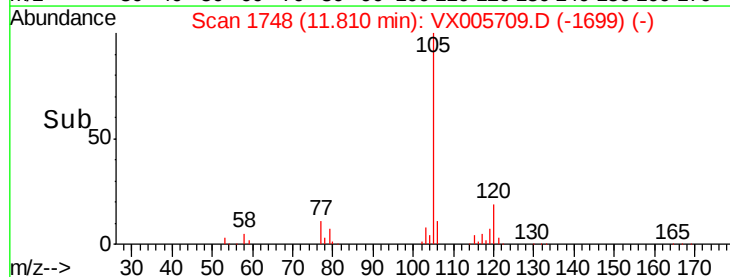
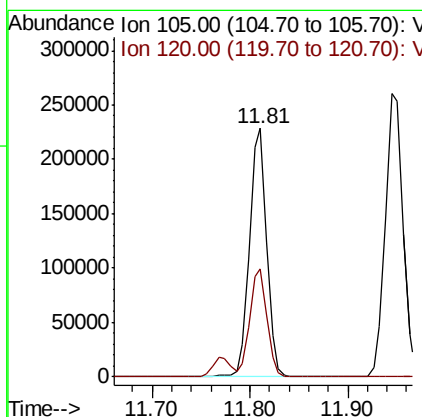
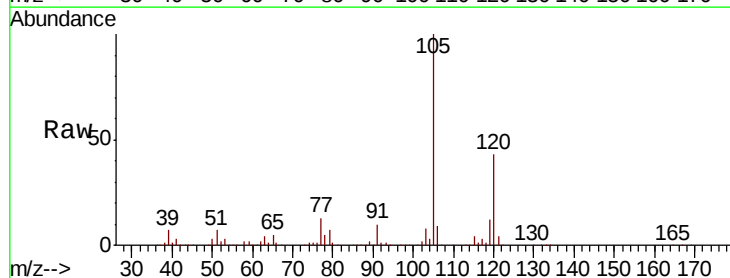
Manual Integrations
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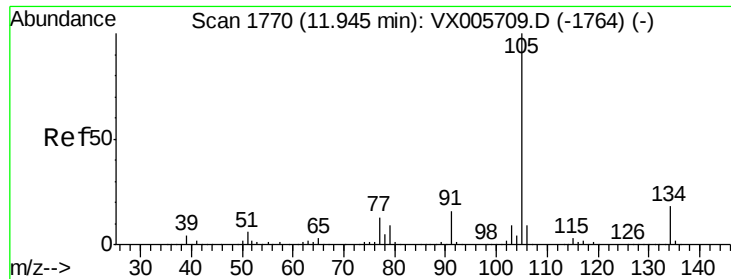
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#84
 1,2,4-Trimethylbenzene
 Concen: 58.556 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: VX005709.D
 Acq: 31 Oct 2018 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	278268		
120	43.2	22.4	67.0	





#85

sec-Butylbenzene

Concen: 58.698 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX005709.D

Acq: 31 Oct 2018 15:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion:105 Resp: 327366

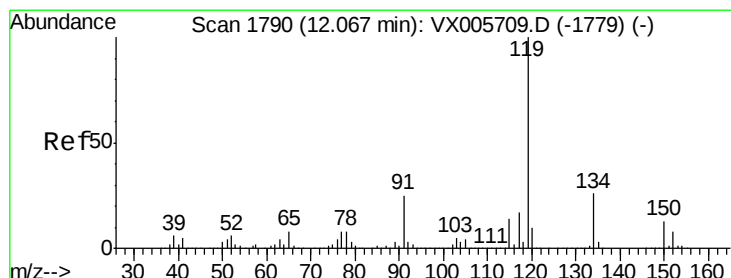
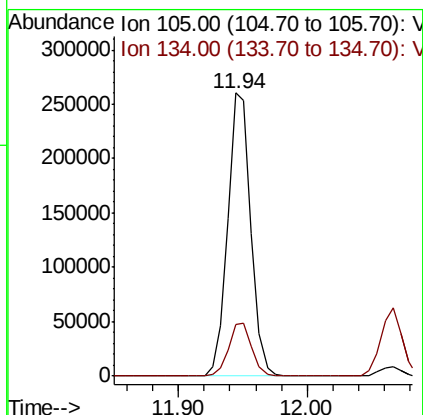
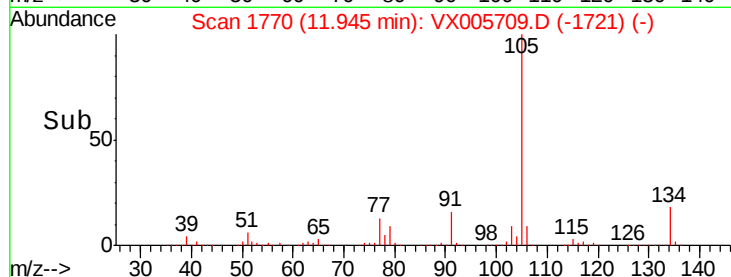
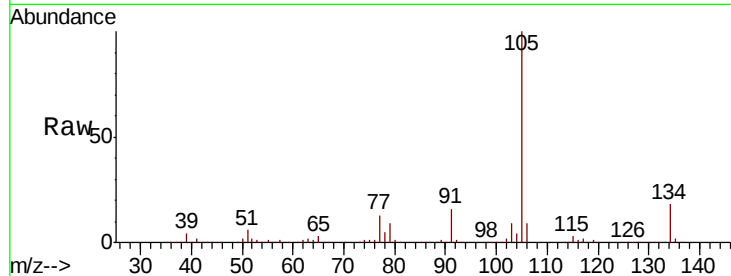
Ion Ratio Lower Upper

105 100

134 18.7 10.2 30.4

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 56.073 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX005709.D

Acq: 31 Oct 2018 15:20

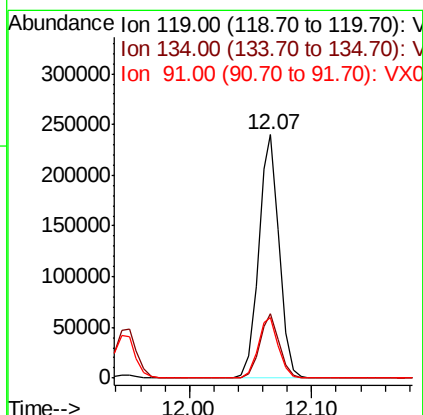
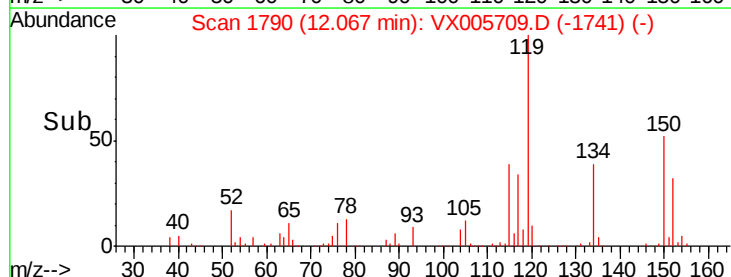
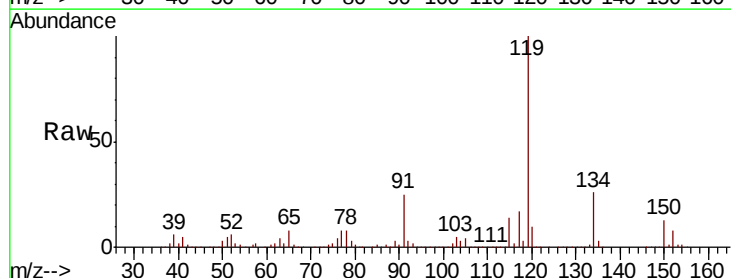
Tgt Ion:119 Resp: 279560

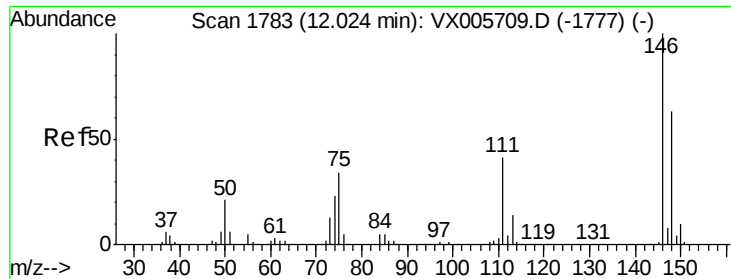
Ion Ratio Lower Upper

119 100

134 25.7 13.0 39.0

91 24.9 11.4 34.2





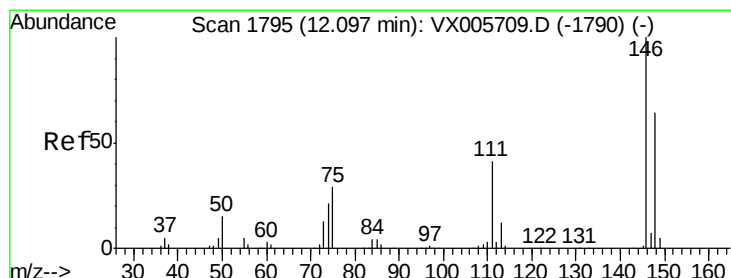
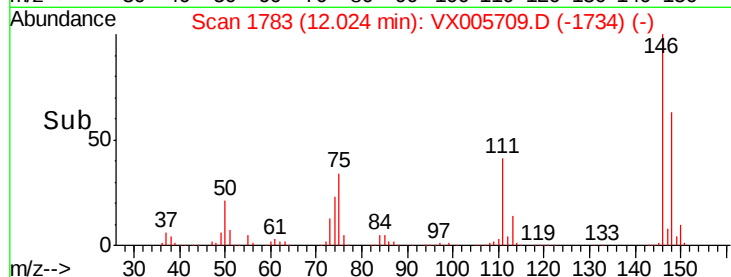
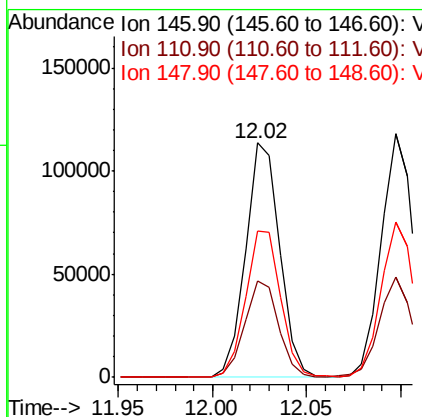
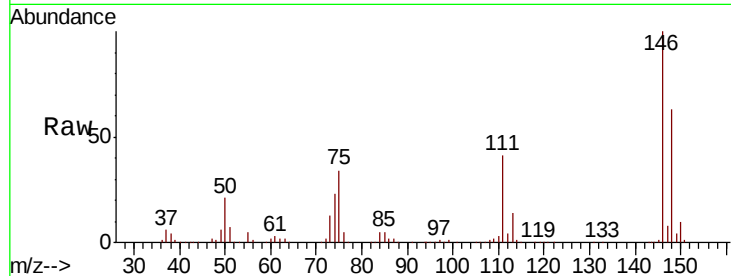
#87
 1,3-Dichlorobenzene
 Concen: 49.609 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX005709.D
 Acq: 31 Oct 2018 15:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.3	19.0	57.0
148	64.3	31.9	95.9

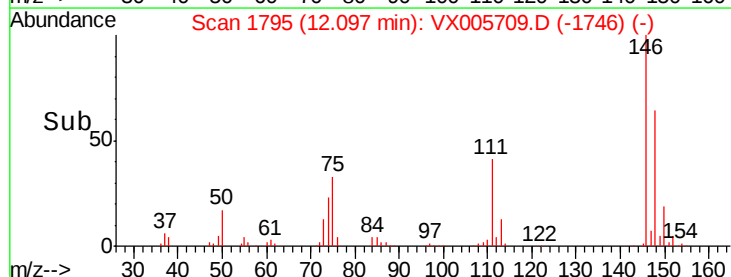
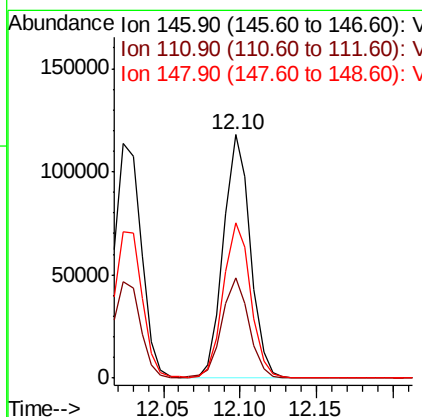
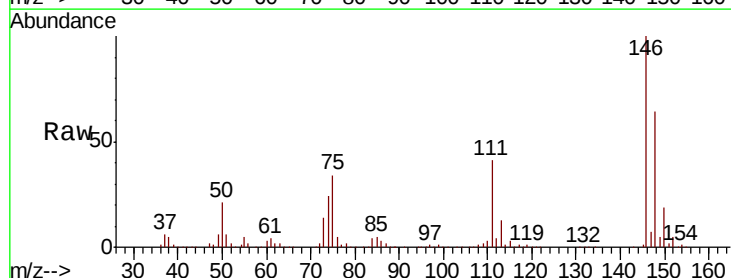
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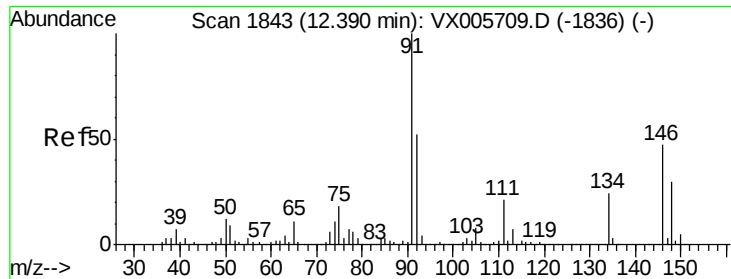
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#88
 1,4-Dichlorobenzene
 Concen: 47.969 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX005709.D
 Acq: 31 Oct 2018 15:20

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.6	18.6	55.8
148	64.7	32.1	96.3





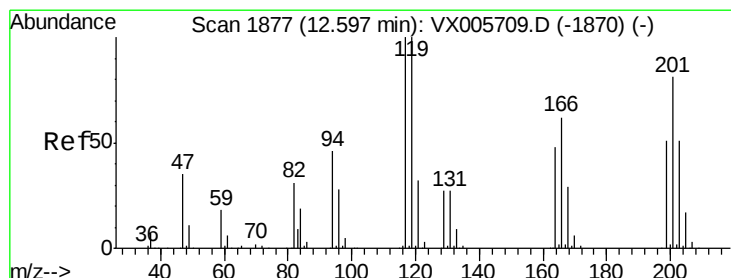
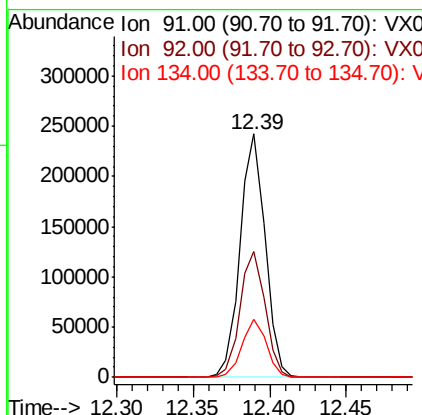
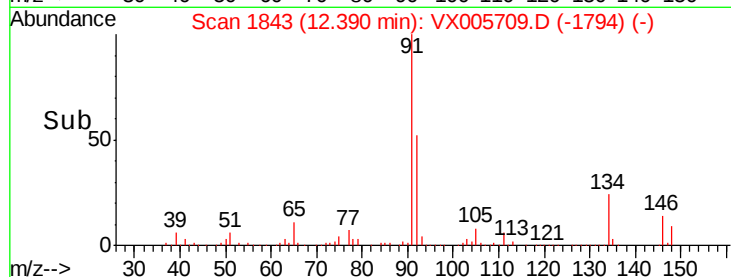
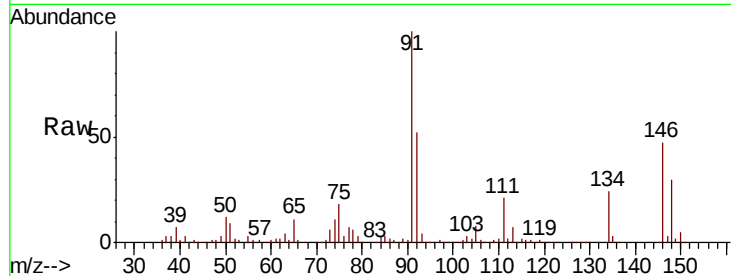
#89
n-Butylbenzene
Concen: 61.224 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX005709.D
Acq: 31 Oct 2018 15:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.8	26.1	78.2
134	23.2	13.1	39.3

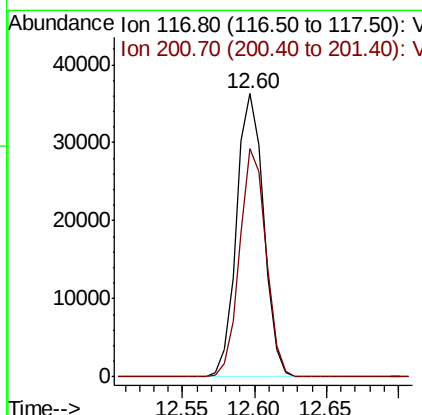
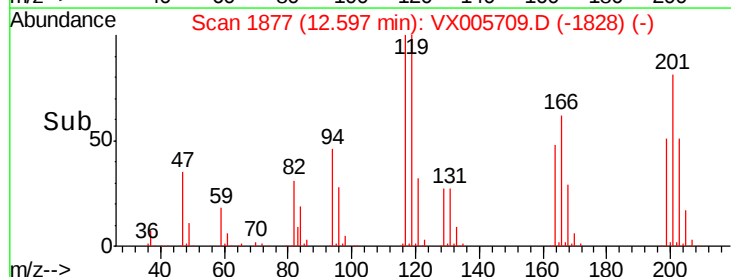
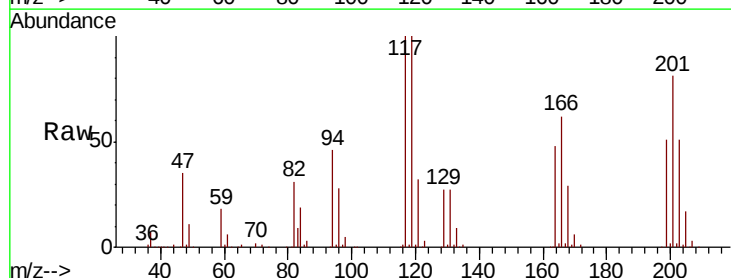
Manual Integrations
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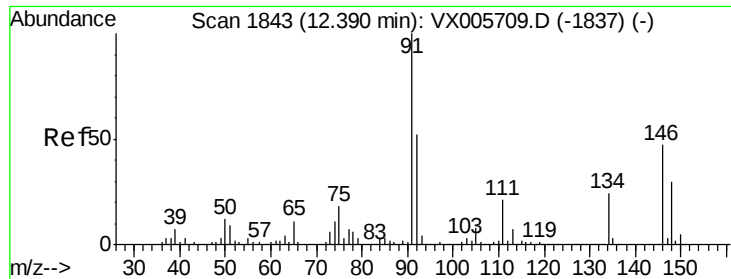
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#90
Hexachloroethane
Concen: 55.388 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX005709.D
Acq: 31 Oct 2018 15:20

Tgt Ion	Ratio	Lower	Upper
117	100		
201	78.1	47.9	143.6





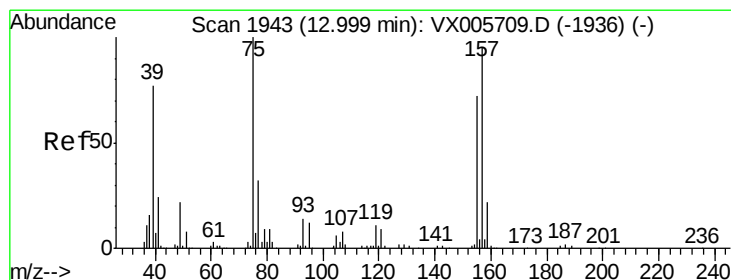
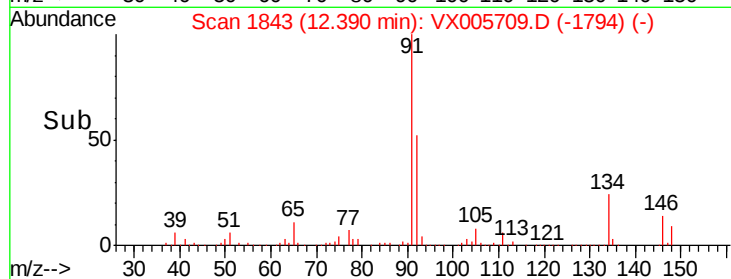
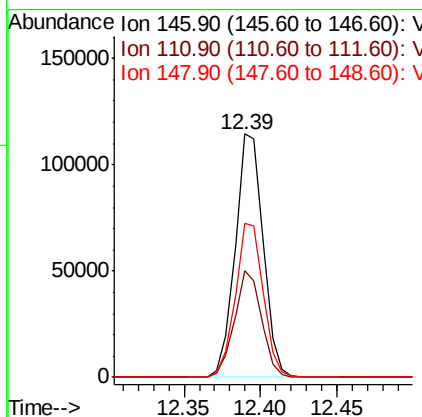
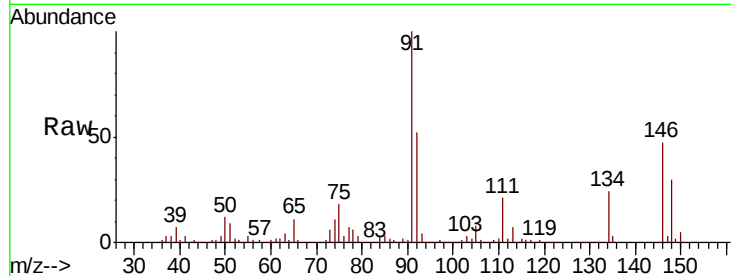
#91
1,2-Dichlorobenzene
Concen: 49.901 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX005709.D
Acq: 31 Oct 2018 15:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.3	20.0	59.9
148	63.2	32.2	96.6

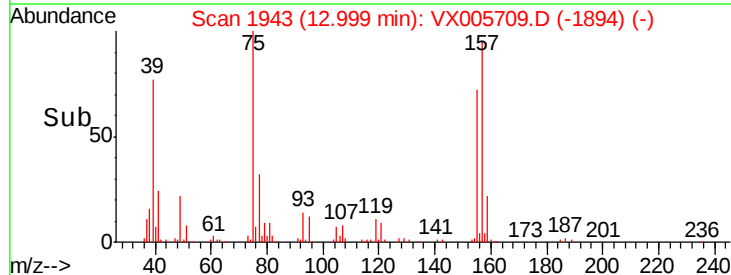
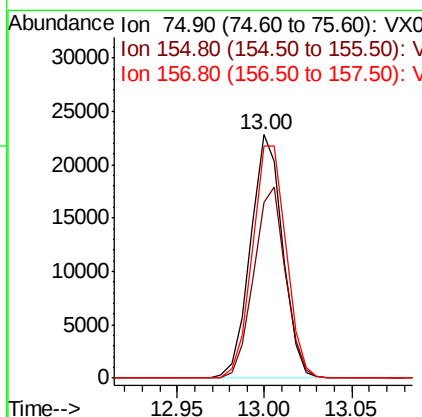
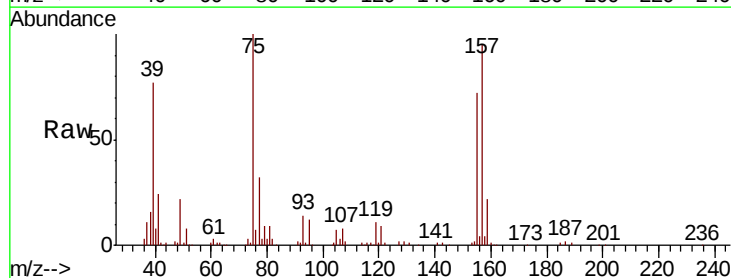
Manual Integrations
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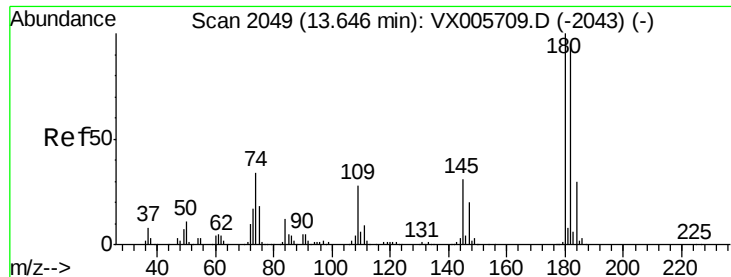
MMDadoda
11/1/2018 9:49:22 AM



#92
1,2-Dibromo-3-Chloropropane
Concen: 59.369 ug/l
RT: 13.00 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VX005709.D
Acq: 31 Oct 2018 15:20

Tgt Ion	Ratio	Lower	Upper
75	100		
155	78.3	45.4	136.1
157	100.5	57.4	172.0





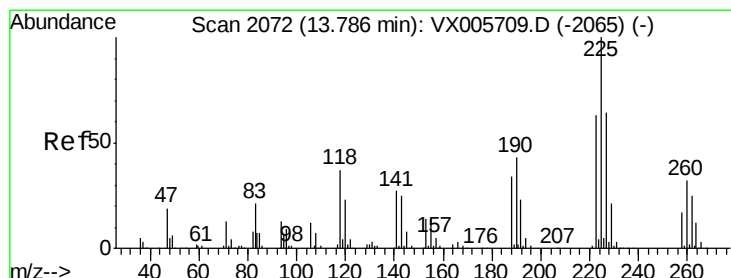
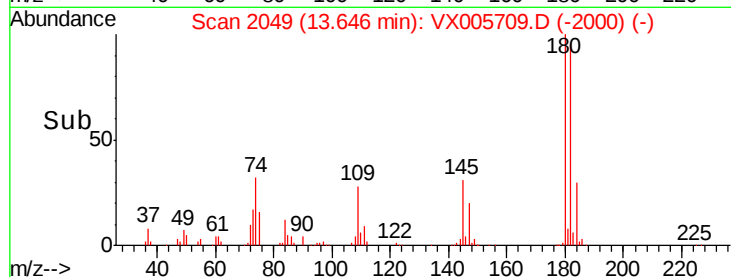
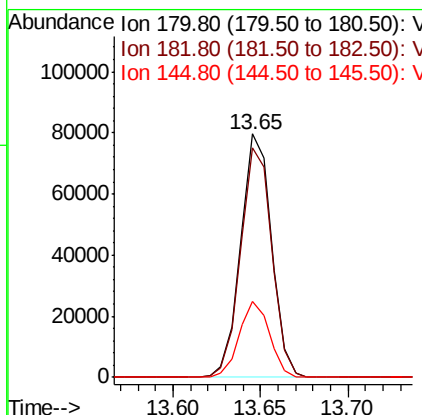
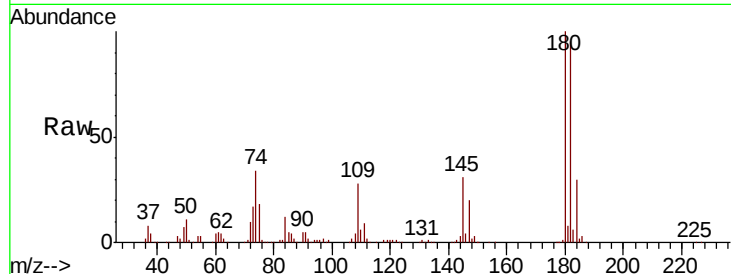
#93
 1,2,4-Trichlorobenzene
 Concen: 46.319 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX005709.D
 Acq: 31 Oct 2018 15:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.6	142.8
145	30.6	14.1	42.2

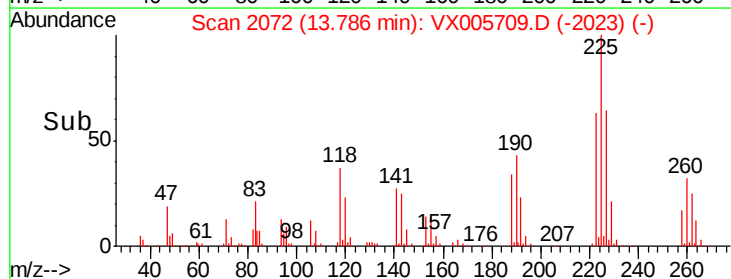
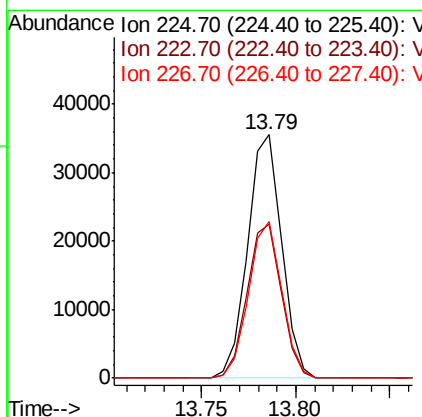
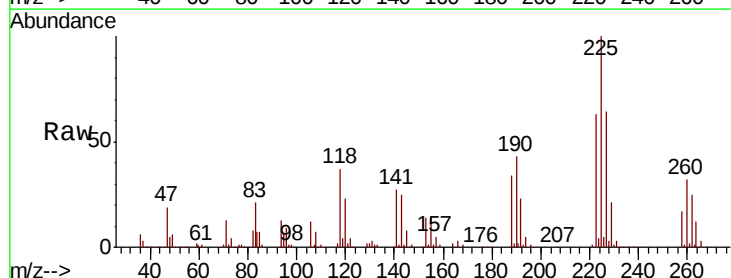
Manual Integrations
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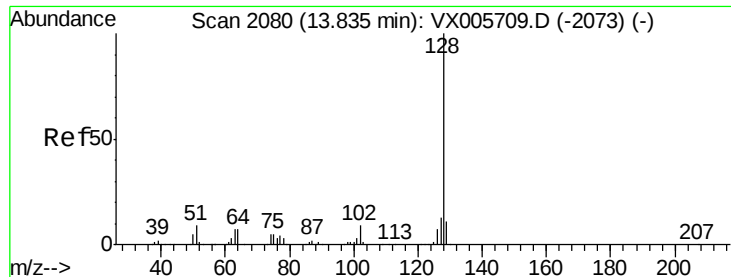
MMDadoda
 11/1/2018 9:49:22 AM



#94
 Hexachlorobutadiene
 Concen: 40.812 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: VX005709.D
 Acq: 31 Oct 2018 15:20

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.7	31.7	95.1
227	62.9	32.3	96.9





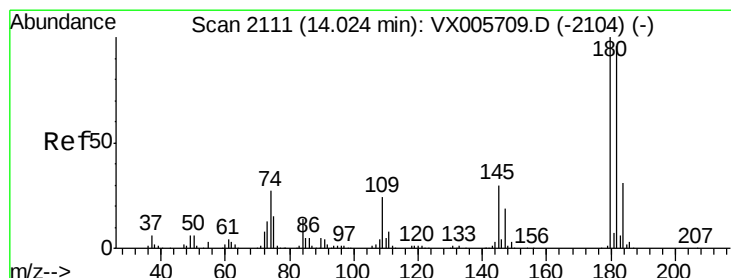
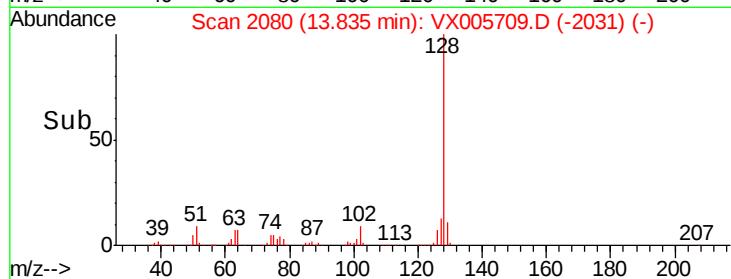
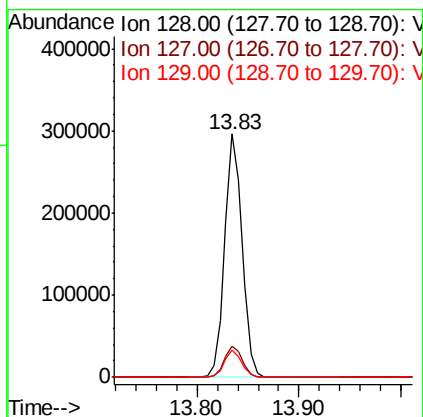
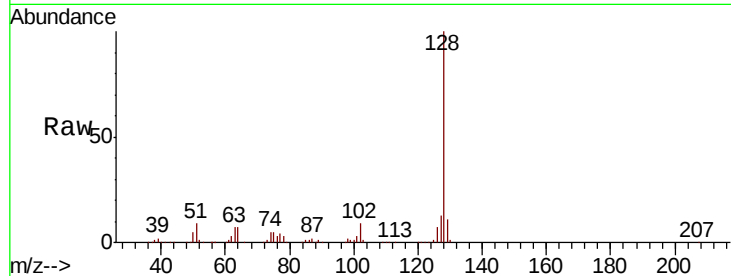
#95
Naphthalene
Concen: 57.322 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX005709.D
Acq: 31 Oct 2018 15:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.4	15.6
129	10.9	8.7	13.1

Manual Integrations
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11/1/2018 9:49:22 AM



#96
1,2,3-Trichlorobenzene
Concen: 47.666 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. 0.00 min
Lab File: VX005709.D
Acq: 31 Oct 2018 15:20

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	48.0	144.2
145	32.2	15.1	45.3

