

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110218\
 Data File : VX005749.D
 Acq On : 02 Nov 2018 12:00
 Operator : JC/MD
 Sample : VX1102WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1102WBSD01

Manual Integrations
 APPROVED

MMDadoda
 11/5/2018 3:09:38 PM

Quant Time: Nov 03 01:05:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 31 18:23:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	118698	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.86	114	193771	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	172045	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	88510	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	86580	49.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.78%	
35) Dibromofluoromethane	5.50	113	67536	50.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.68%	
50) Toluene-d8	8.72	98	234164	49.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.52%	
62) 4-Bromofluorobenzene	11.14	95	83836	48.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	29090	21.215	ug/l	98
3) Chloromethane	1.32	50	32133	19.867	ug/l	97
4) Vinyl Chloride	1.40	62	35030	20.817	ug/l	99
5) Bromomethane	1.64	94	29577	14.165	ug/l	91
6) Chloroethane	1.72	64	21665	21.931	ug/l	95
7) Trichlorofluoromethane	1.93	101	42241	19.557	ug/l	98
8) Diethyl Ether	2.19	74	18416	18.969	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	26313	20.056	ug/l	90
10) Methyl Iodide	2.51	142	24300	20.230	ug/l	100
11) Tert butyl alcohol	3.07	59	49632	105.313	ug/l	100
12) 1,1-Dichloroethene	2.37	96	23957	18.739	ug/l	91
13) Acrolein	2.29	56	25249	83.413	ug/l	91
14) Allyl chloride	2.73	41	51692	19.554	ug/l	97
15) Acrylonitrile	3.15	53	106007	102.290	ug/l	99
16) Acetone	2.45	43	92967	98.541	ug/l	97
17) Carbon Disulfide	2.57	76	68565	17.453	ug/l	100
18) Methyl Acetate	2.78	43	49774	19.985	ug/l	96
19) Methyl tert-butyl Ether	3.21	73	92742	20.957	ug/l	97
20) Methylene Chloride	2.85	84	30236	20.205	ug/l	89
21) trans-1,2-Dichloroethene	3.17	96	25722	19.014	ug/l	84
22) Diisopropyl ether	3.87	45	97130	19.807	ug/l	# 93
23) Vinyl Acetate	3.82	43	425789	99.687	ug/l	99
24) 1,1-Dichloroethane	3.70	63	57754	20.828	ug/l	99
25) 2-Butanone	4.70	43	142997	97.682	ug/l	99
26) 2,2-Dichloropropane	4.59	77	38828	18.732	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	28740	18.907	ug/l	97
28) Bromochloromethane	5.01	49	26559	19.633	ug/l	94
29) Tetrahydrofuran	5.17	42	90799	101.621	ug/l	94
30) Chloroform	5.22	83	53824	19.854	ug/l	97
31) Cyclohexane	5.58	56	43958	18.958	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	42140	19.422	ug/l	95
36) 1,1-Dichloropropene	5.80	75	37375	18.104	ug/l	99
37) Ethyl Acetate	4.87	43	52150	19.800	ug/l	99
38) Carbon Tetrachloride	5.78	117	34623	18.563	ug/l	95

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Manual Integrations
 APPROVED

MMDadoda
 11/5/2018 3:09:38 PM

Quant Time: Nov 03 01:05:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 31 18:23:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	37680	17.501	ug/l	97
40) Benzene	6.14	78	115139	18.747	ug/l	96
41) Methacrylonitrile	5.06	41	27413	19.263	ug/l	93
42) 1,2-Dichloroethane	6.21	62	43656	19.230	ug/l	99
43) Isopropyl Acetate	6.46	43	70910	18.549	ug/l	98
44) Trichloroethene	7.21	130	26388	18.577	ug/l	94
45) 1,2-Dichloropropane	7.52	63	29889	18.990	ug/l	97
46) Dibromomethane	7.66	93	19502	19.388	ug/l #	86
47) Bromodichloromethane	7.90	83	37214	19.724	ug/l	91
48) Methyl methacrylate	7.78	41	36570	19.765	ug/l	96
49) 1,4-Dioxane	7.76	88	16446	399.173	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	253920	97.413	ug/l	98
52) Toluene	8.79	92	65415	19.691	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	37897	18.534	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	42513	19.406	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	28523	19.770	ug/l	98
56) Ethyl methacrylate	9.18	69	41218	18.470	ug/l	97
57) 1,3-Dichloropropane	9.37	76	47690	19.243	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	127125	97.954	ug/l	96
59) 2-Hexanone	9.50	43	200565	94.549	ug/l	98
60) Dibromochloromethane	9.59	129	25800	18.506	ug/l	99
61) 1,2-Dibromoethane	9.67	107	28351	19.285	ug/l	99
64) Tetrachloroethene	9.34	164	24818	19.745	ug/l	95
65) Chlorobenzene	10.14	112	70508	19.286	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	24389	19.487	ug/l	97
67) Ethyl Benzene	10.25	91	120715	19.347	ug/l	99
68) m/p-Xylenes	10.36	106	90943	39.225	ug/l	96
69) o-Xylene	10.70	106	43602	19.663	ug/l	97
70) Styrene	10.71	104	73274	19.895	ug/l	98
71) Bromoform	10.86	173	19395	19.126	ug/l #	98
73) Isopropylbenzene	11.02	105	119081	20.393	ug/l	99
74) N-amyl acetate	10.90	43	59356	19.092	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	48168	19.883	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	44201m	20.051	ug/l	
77) Bromobenzene	11.26	156	28719	19.826	ug/l	86
78) n-propylbenzene	11.36	91	144108	20.287	ug/l	96
79) 2-Chlorotoluene	11.42	91	85981	20.266	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	102295	20.632	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.08	75	12777	18.727	ug/l	93
82) 4-Chlorotoluene	11.51	91	102175	20.172	ug/l	96
83) tert-Butylbenzene	11.77	119	93824	19.833	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	104074	20.787	ug/l	98
85) sec-Butylbenzene	11.94	105	121859	20.081	ug/l	97
86) p-Isopropyltoluene	12.07	119	102887	19.935	ug/l	96
87) 1,3-Dichlorobenzene	12.02	146	55027	19.647	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	55849	18.561	ug/l	97
89) n-Butylbenzene	12.39	91	95556	18.351	ug/l	97
90) Hexachloroethane	12.60	117	17414	19.018	ug/l	79
91) 1,2-Dichlorobenzene	12.40	146	55868	19.093	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	11051	19.449	ug/l	88

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1102WBSD01

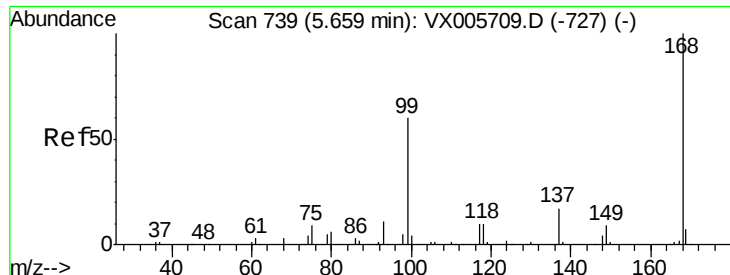
Manual Integrations
APPROVED

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11/5/2018 3:09:38 PM

Quant Time: Nov 03 01:05:59 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103118W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 31 18:23:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	35673	19.008	ug/l	99
94) Hexachlorobutadiene	13.79	225	17331	19.089	ug/l	97
95) Naphthalene	13.83	128	122995	19.928	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	37641	19.701	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 741

Delta R.T. 0.01 min

Lab File: VX005749.D

Acq: 02 Nov 2018 12:00

Instrument :

MSVOA_X

ClientSampleId :

VX1102WBSD01

Tot Ion:168 Resp: 118698

Ion Ratio Lower Upper

168 100

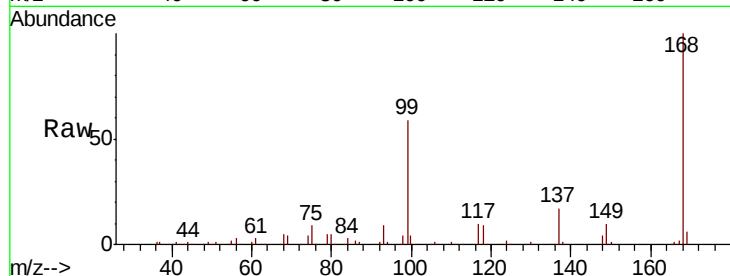
99 58.6 40.7 61.1

Manual Integrations

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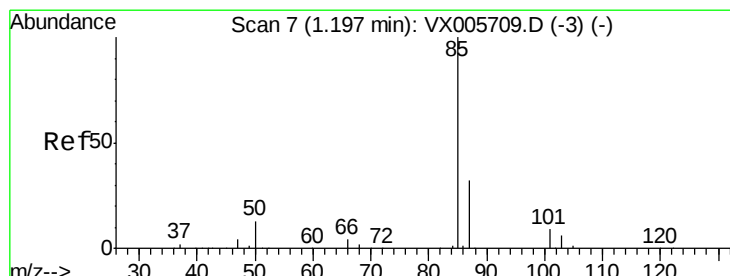
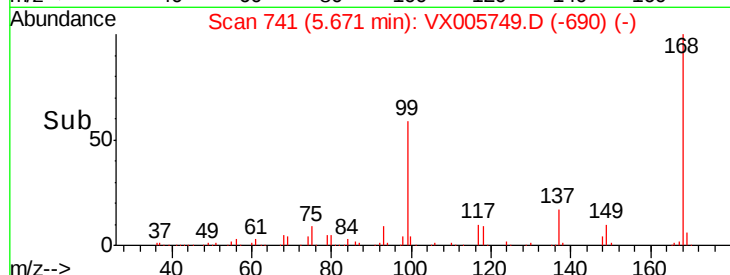
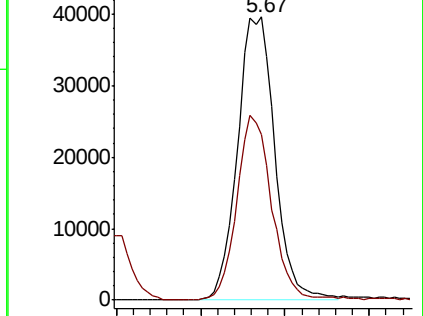
MMDadoda

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 21.215 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005749.D

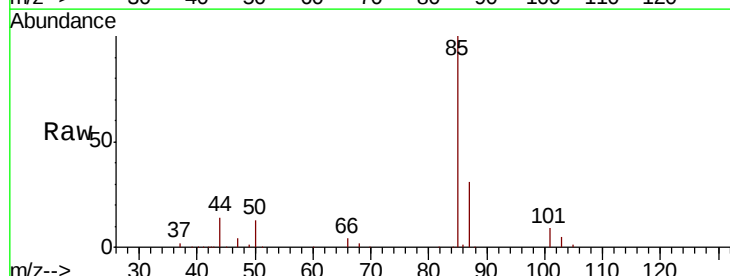
Acq: 02 Nov 2018 12:00

Tgt Ion: 85 Resp: 29090

Ion Ratio Lower Upper

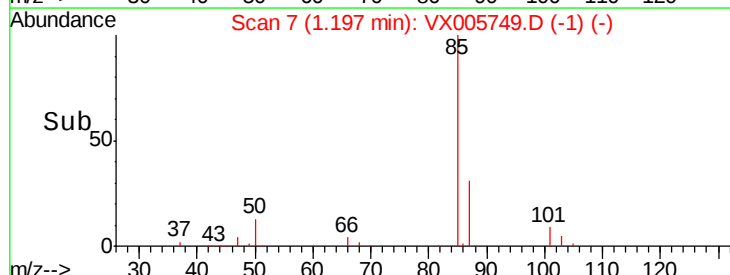
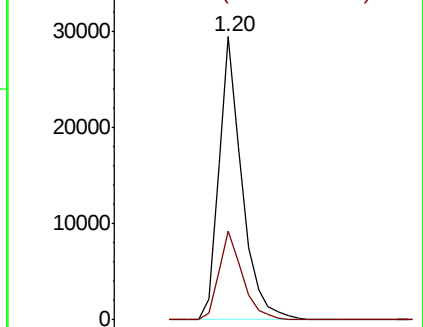
85 100

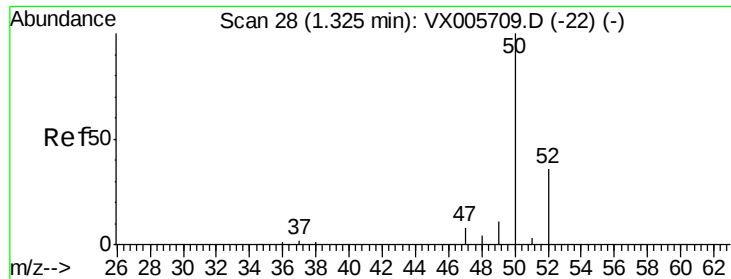
87 31.5 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 19.867 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX005749.D

Acq: 02 Nov 2018 12:00

Instrument :

MSVOA_X

ClientSampleId :

VX1102WBSD01

Tot Ion: 50 Resp: 32133

Ion Ratio Lower Upper

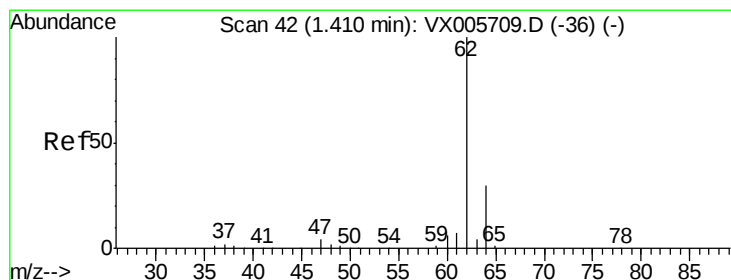
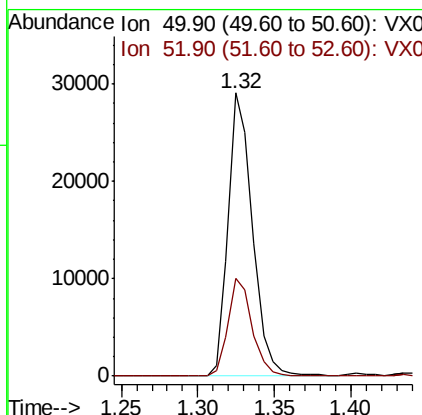
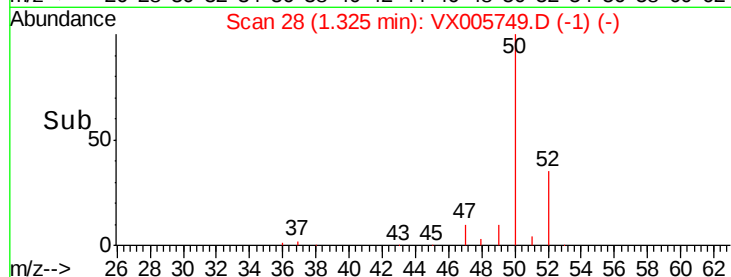
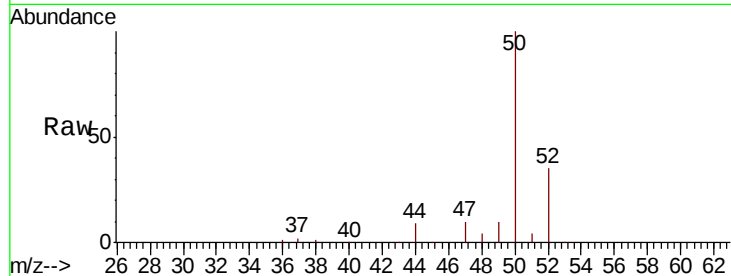
50 100

52 34.6 26.2 39.2

Manual Integrations
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#4

Vinyl Chloride

Concen: 20.817 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX005749.D

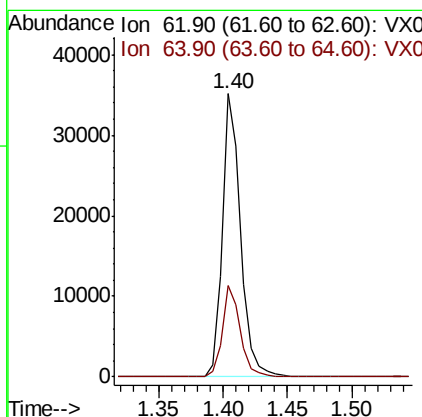
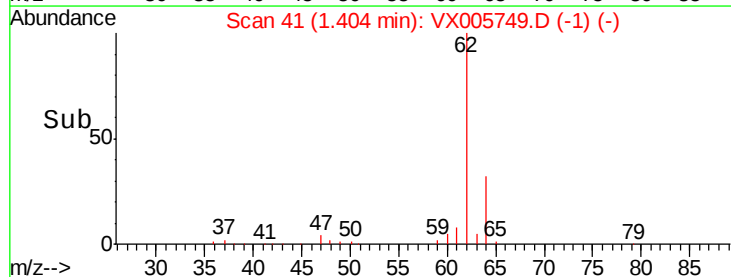
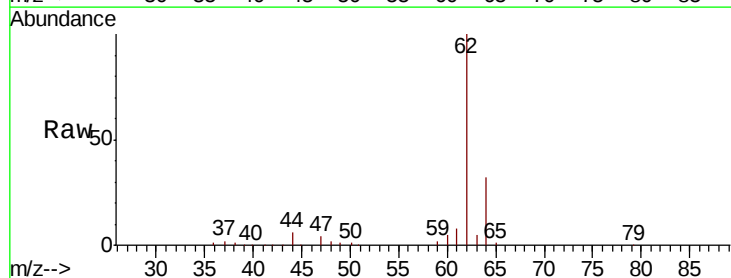
Acq: 02 Nov 2018 12:00

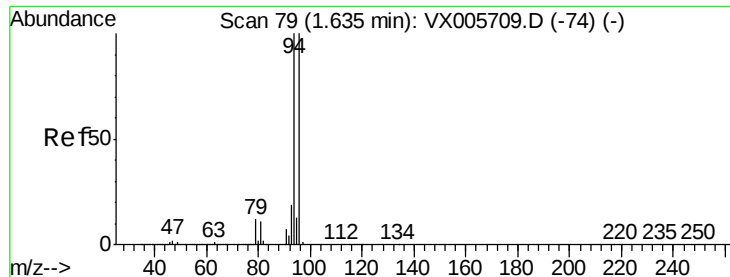
Tgt Ion: 62 Resp: 35030

Ion Ratio Lower Upper

62 100

64 32.4 25.3 37.9





#5

Bromomethane

Concen: 14.165 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX005749.D

Acq: 02 Nov 2018 12:00

Instrument :

MSVOA_X

ClientSampleId :

VX1102WBSD01

Tot Ion: 94 Resp: 29577

Ion Ratio Lower Upper

94 100

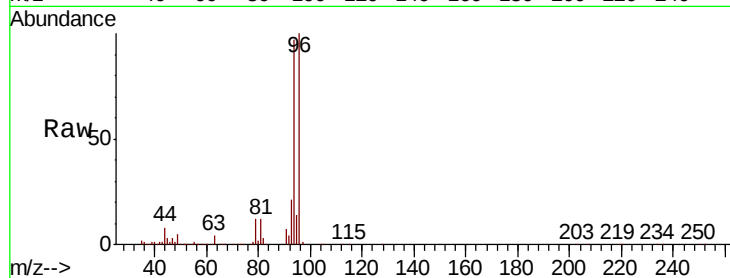
96 103.1 75.2 112.8

Manual Integrations

APPROVED

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

40000

30000

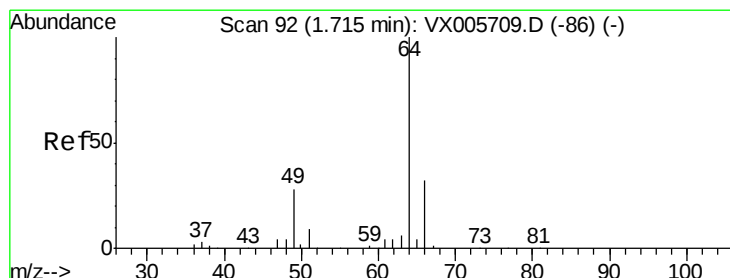
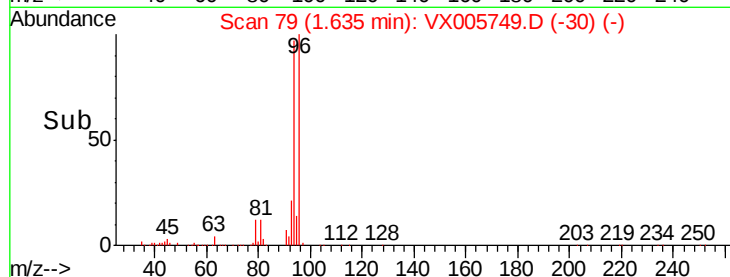
20000

10000

0

1.55 1.60 1.65 1.70 1.75

Time-->



#6

Chloroethane

Concen: 21.931 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX005749.D

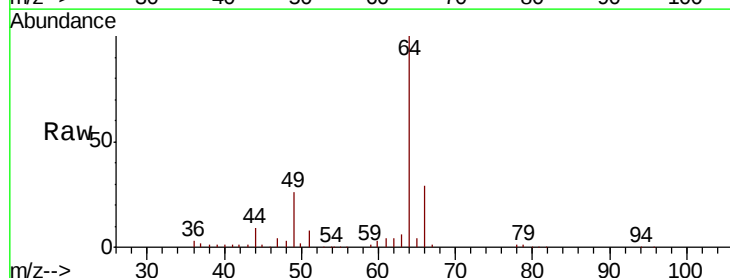
Acq: 02 Nov 2018 12:00

Tgt Ion: 64 Resp: 21665

Ion Ratio Lower Upper

64 100

66 29.2 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

20000

15000

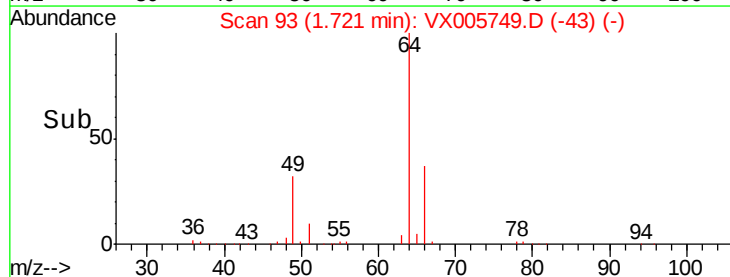
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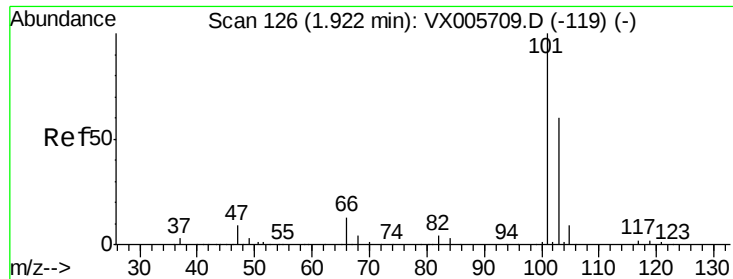
5000

0

1.65 1.70 1.75 1.80

Time-->





#7

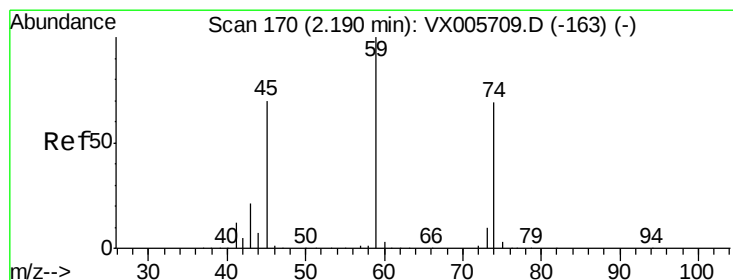
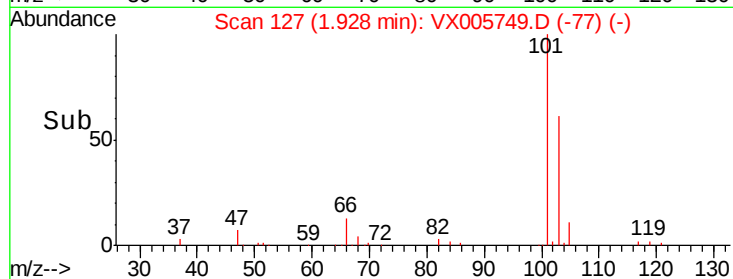
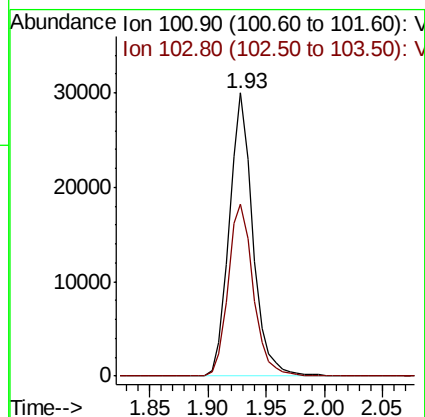
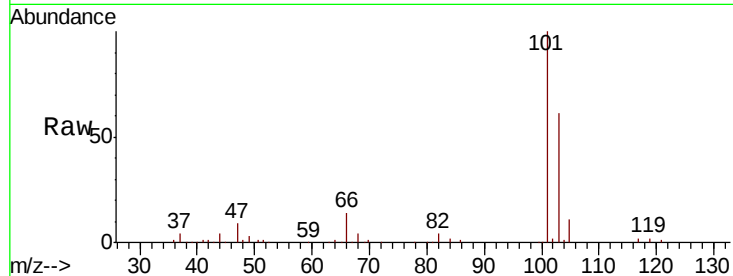
Trichlorofluoromethane
 Concen: 19.557 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX005749.D
 Acq: 02 Nov 2018 12:00

Instrument :
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 ClientSampleId :
 VX1102WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	61.0	50.0	75.0

Manual Integrations
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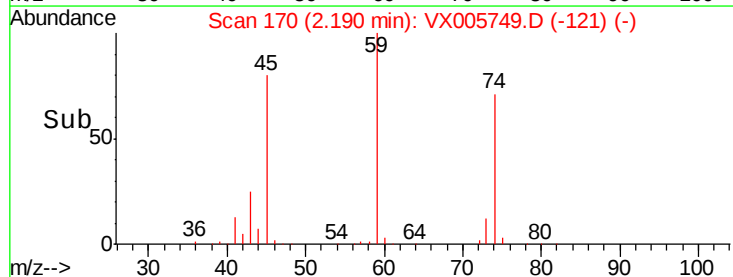
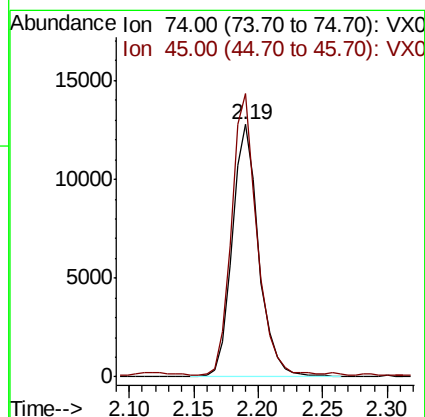
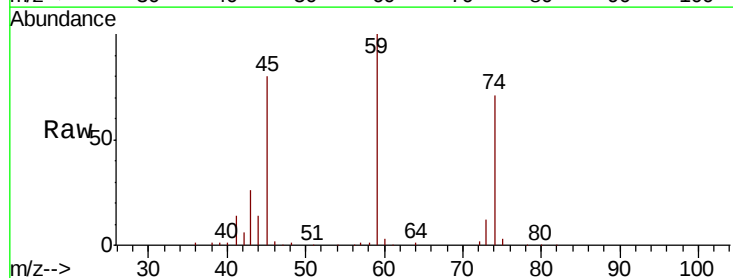
MMDadoda
 11/5/2018 3:09:38 PM

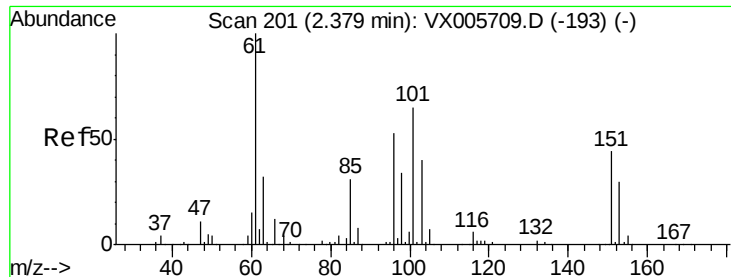


#8

Diethyl Ether
 Concen: 18.969 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX005749.D
 Acq: 02 Nov 2018 12:00

Tgt Ion	Ratio	Lower	Upper
74	100		
45	107.8	54.1	162.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.056 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX005749.D

Acq: 02 Nov 2018 12:00

Instrument :

MSVOA_X

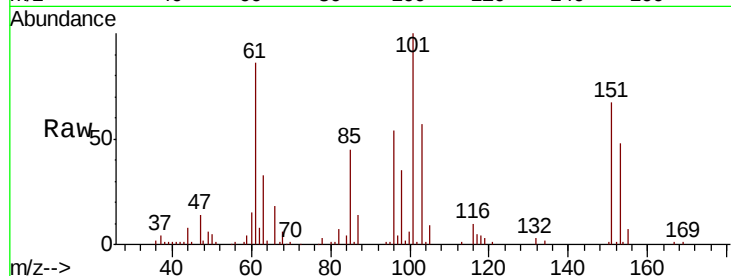
ClientSampleId :

VX1102WBSD01

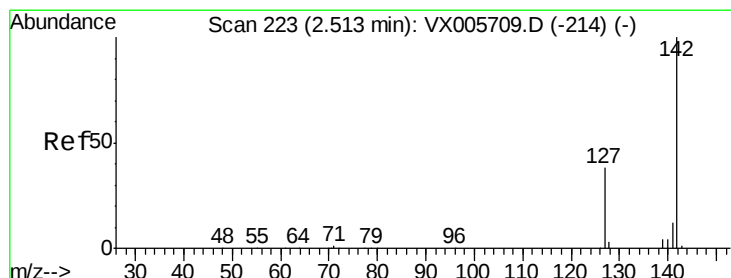
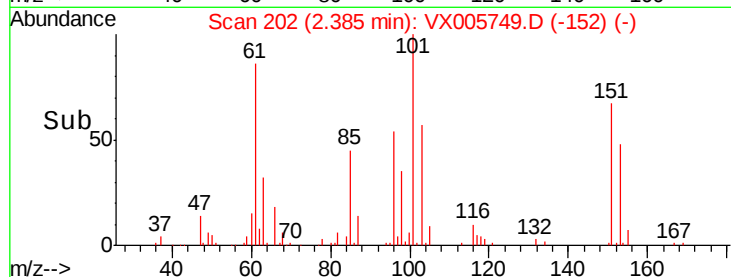
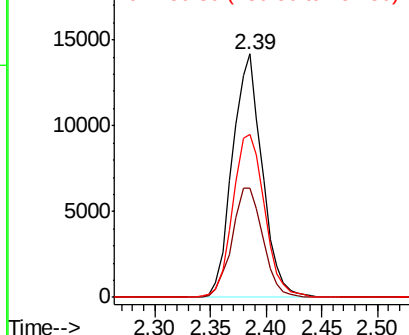
Tot Ion:	101	Resp:	26313
Ion Ratio	Lower	Upper	
101	100		
85	46.5	35.0	52.4
151	71.2	66.2	99.2

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



#10

Methyl Iodide

Concen: 20.230 ug/l

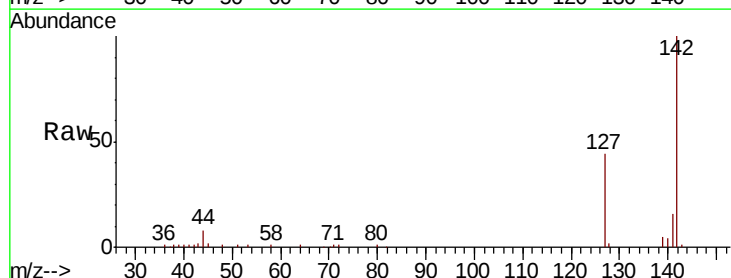
RT: 2.51 min Scan# 222

Delta R.T. -0.01 min

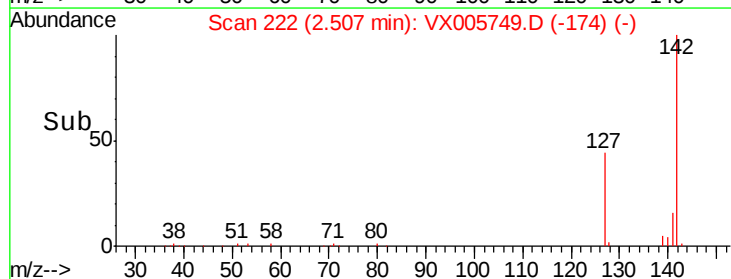
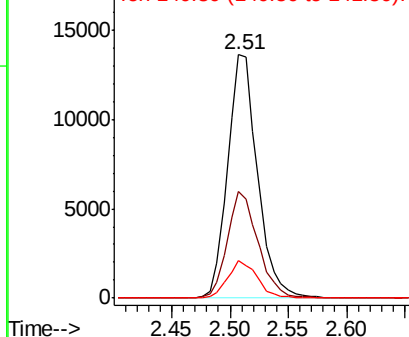
Lab File: VX005749.D

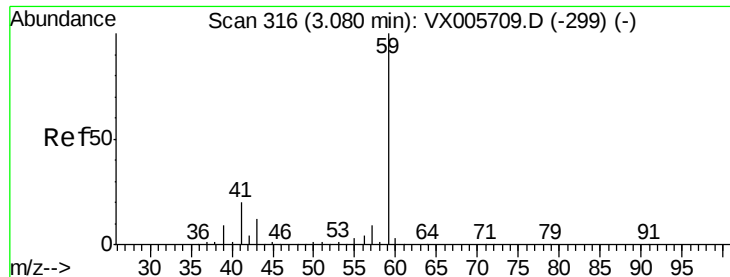
Acq: 02 Nov 2018 12:00

Tgt Ion:	142	Resp:	24300
Ion Ratio	Lower	Upper	
142	100		
127	44.9	36.0	54.0
141	15.3	11.7	17.5



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





#11

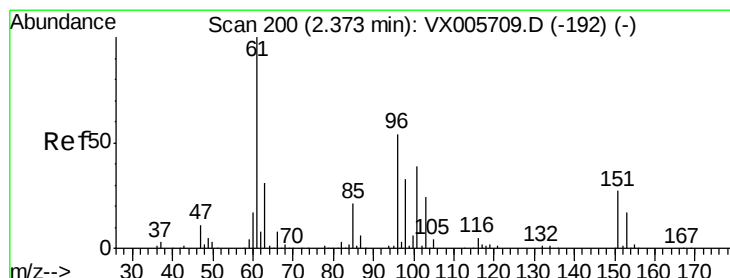
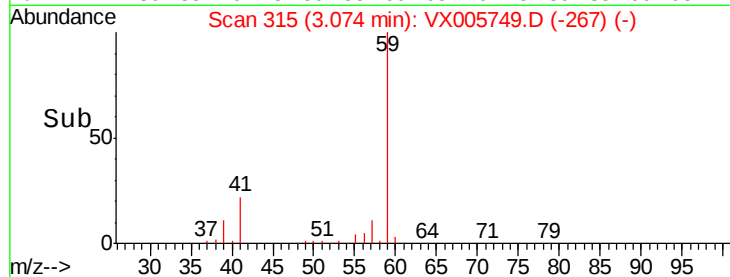
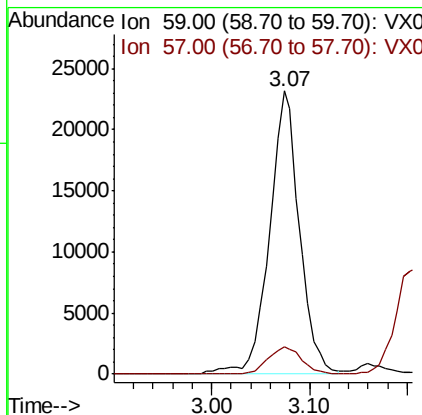
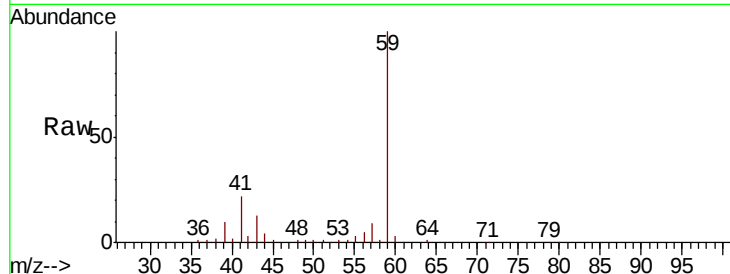
Tert butyl alcohol
 Concen: 105.313 ug/l
 RT: 3.07 min Scan# 315
 Delta R.T. -0.01 min
 Lab File: VX005749.D
 Acq: 02 Nov 2018 12:00

Instrument :
 MSVOA_X
 ClientSampled :
 VX1102WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
59	59	100		
57	57	10.6	8.5	12.7

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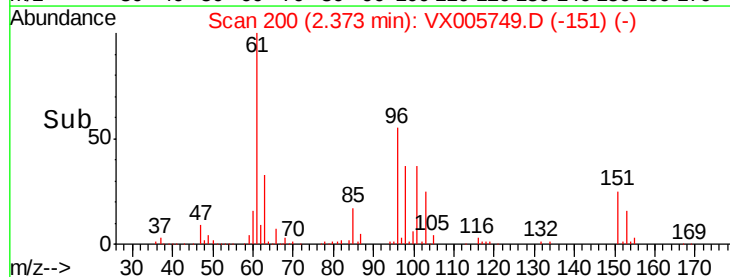
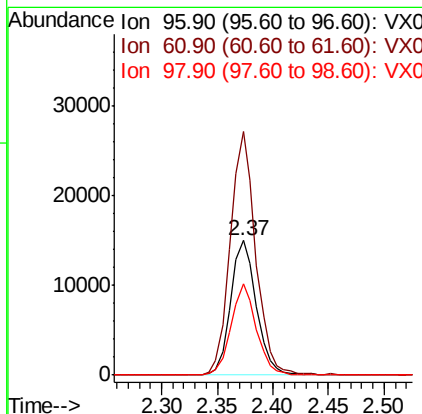
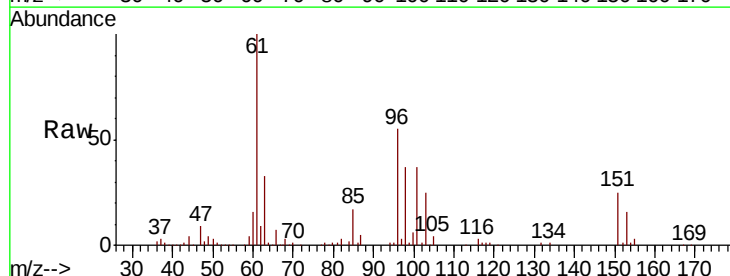
MMDadoda
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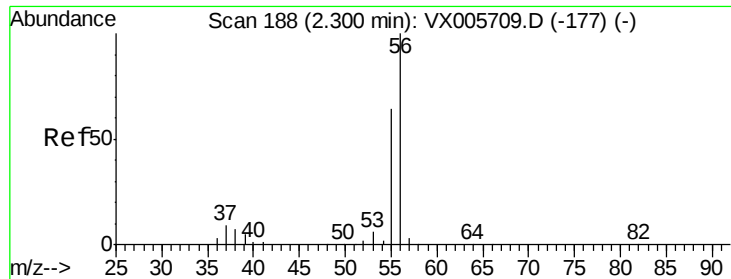


#12

1,1-Dichloroethene
 Concen: 18.739 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX005749.D
 Acq: 02 Nov 2018 12:00

Tgt Ion	Ion	Ratio	Lower	Upper
96	96	100		
61	61	180.8	131.8	197.8
98	98	67.4	53.4	80.2





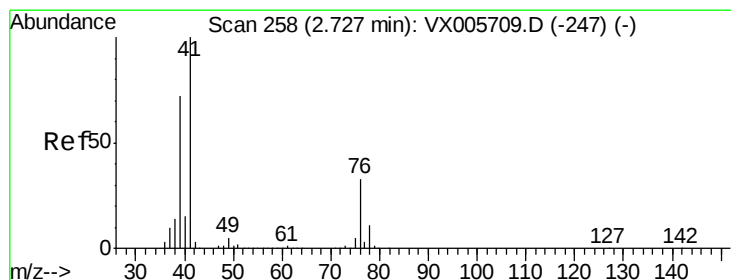
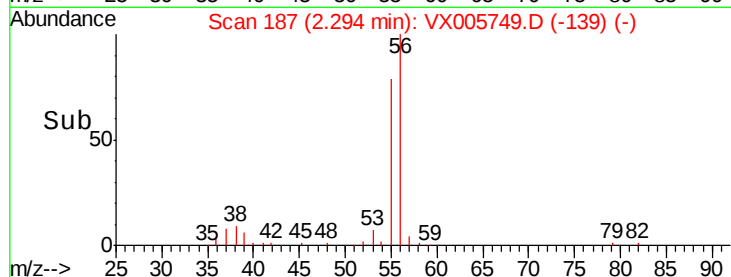
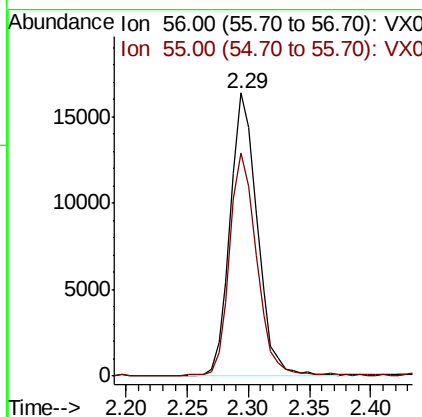
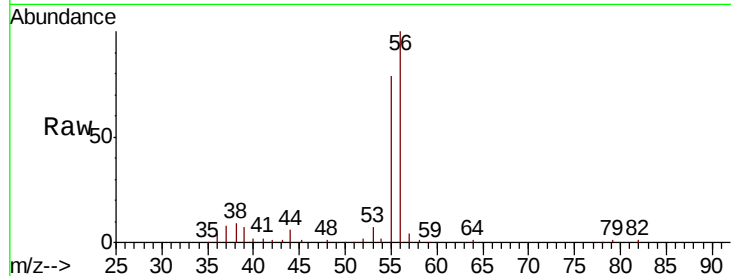
#13
Acrolein
Concen: 83.413 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.01 min
Lab File: VX005749.D
Acq: 02 Nov 2018 12:00

Instrument :
MSVOA_X
ClientSampleId :
VX1102WBSD01

Tot Ion: 56 Resp: 25249
Ion Ratio Lower Upper
56 100
55 79.1 57.3 85.9

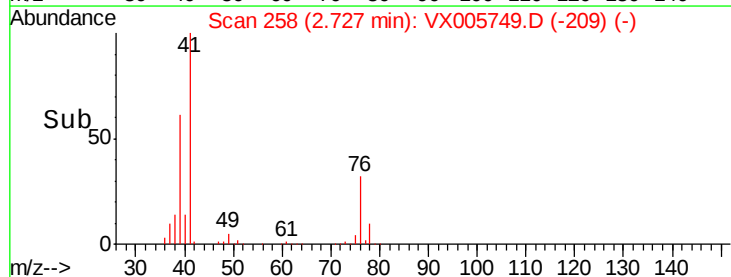
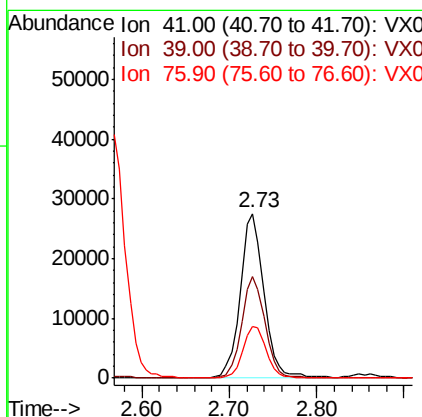
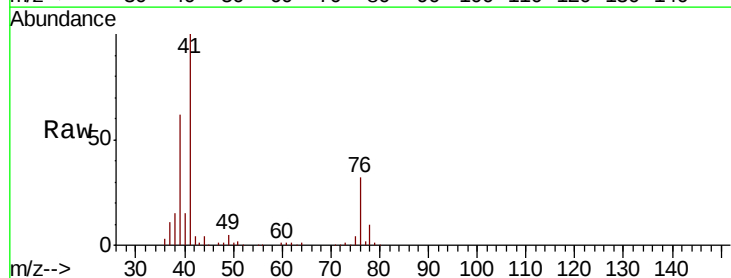
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#14
Allyl chloride
Concen: 19.554 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.00 min
Lab File: VX005749.D
Acq: 02 Nov 2018 12:00

Tgt Ion: 41 Resp: 51692
Ion Ratio Lower Upper
41 100
39 59.8 48.2 72.4
76 31.0 21.9 32.9





#15

Acrylonitrile

Concen: 102.290 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX005749.D

Acq: 02 Nov 2018 12:00

Instrument :

MSVOA_X

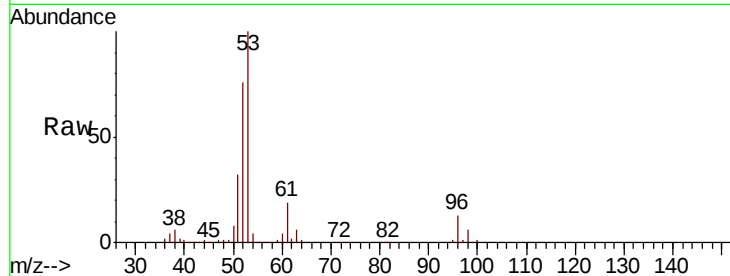
ClientSampleId :

VX1102WBSD01

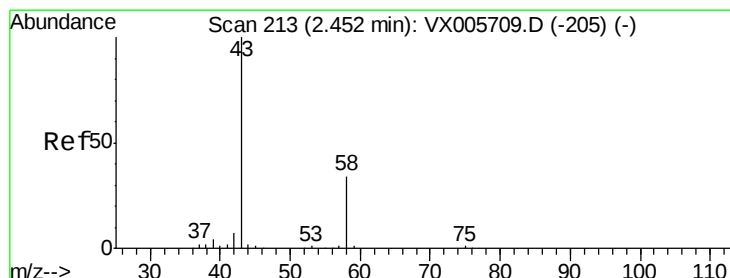
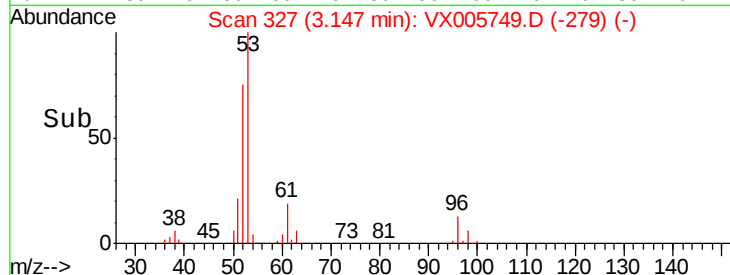
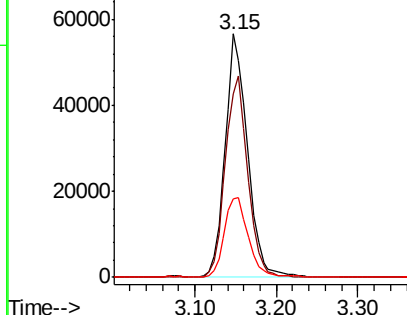
Tot Ion:	53	Resp:	106007
Ion Ratio		Lower	Upper
53	100		
52	84.2	66.6	99.8
51	35.5	28.4	42.6

Manual Integrations
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Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 98.541 ug/l

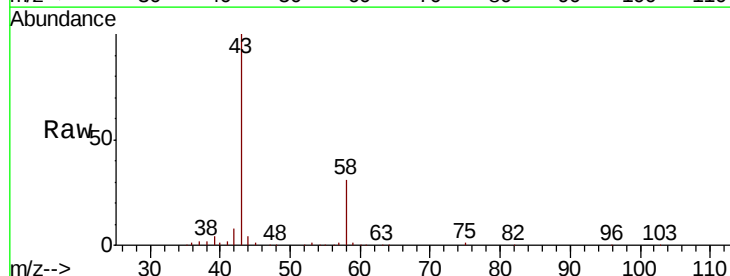
RT: 2.45 min Scan# 212

Delta R.T. -0.01 min

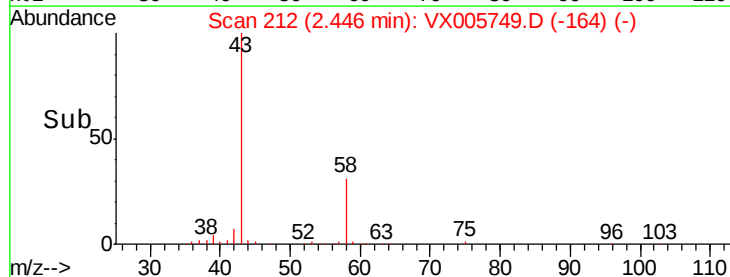
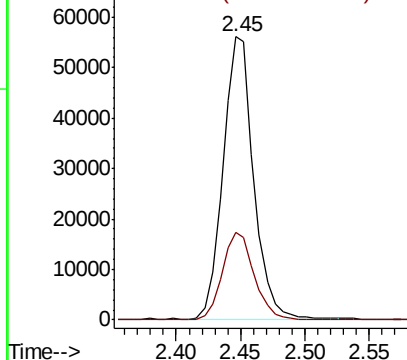
Lab File: VX005749.D

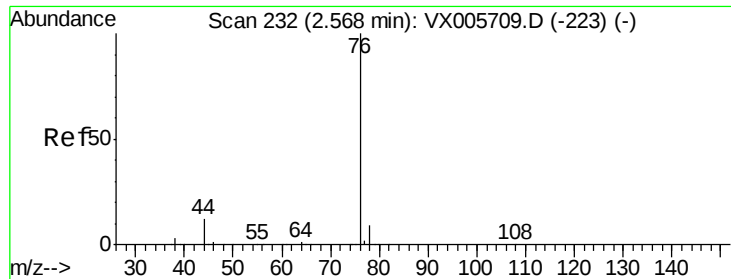
Acq: 02 Nov 2018 12:00

Tgt Ion:	43	Resp:	92967
Ion Ratio		Lower	Upper
43	100		
58	31.1	23.8	35.6



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0





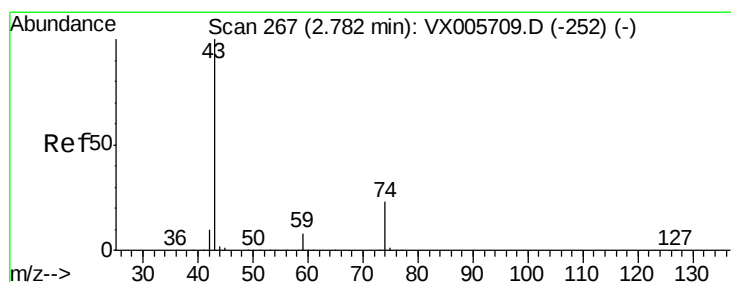
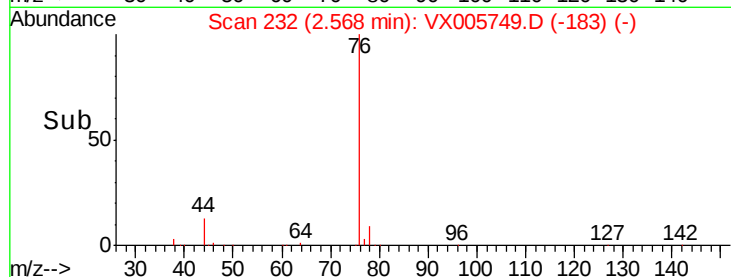
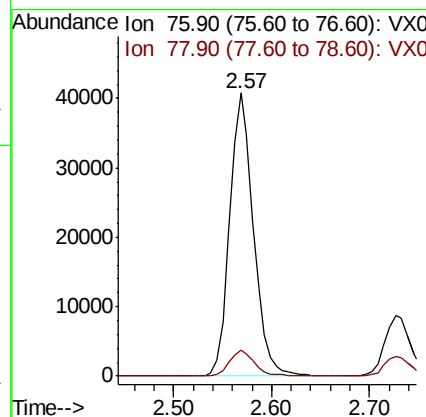
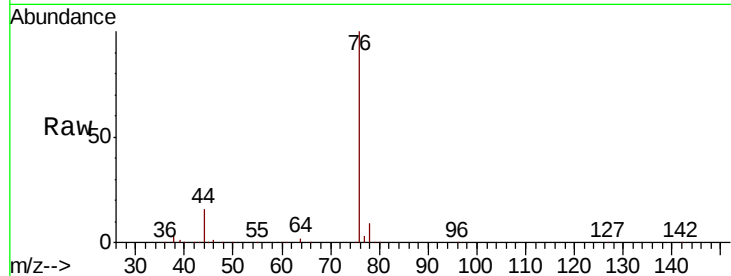
#17
Carbon Disulfide
Concen: 17.453 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX005749.D
Acq: 02 Nov 2018 12:00

Instrument :
MSVOA_X
ClientSampleId :
VX1102WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.3	10.9

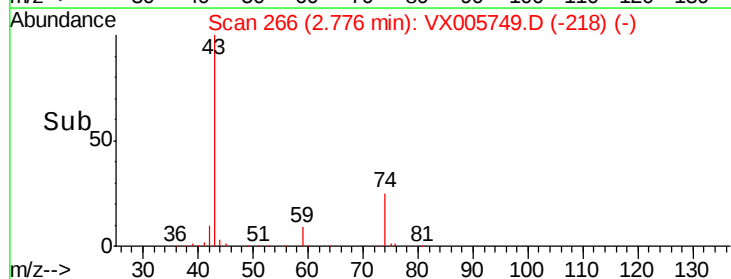
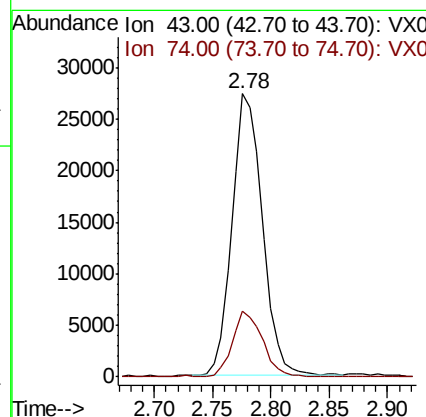
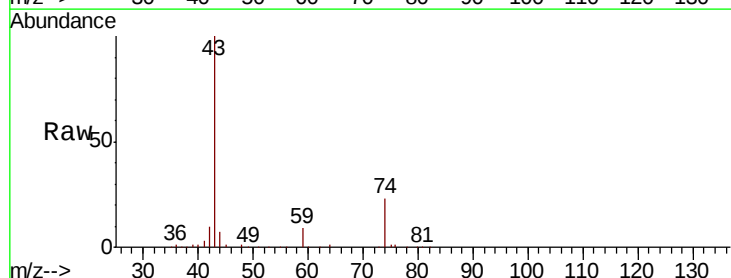
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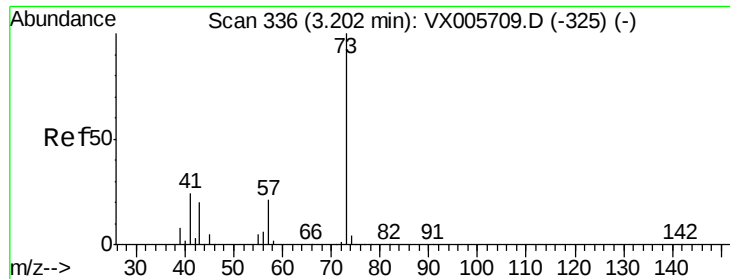
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#18
Methyl Acetate
Concen: 19.985 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX005749.D
Acq: 02 Nov 2018 12:00

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.0	16.8	25.2





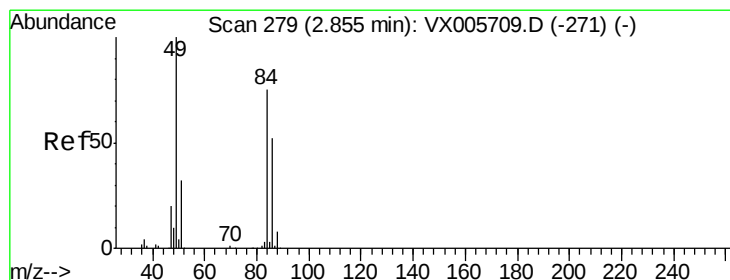
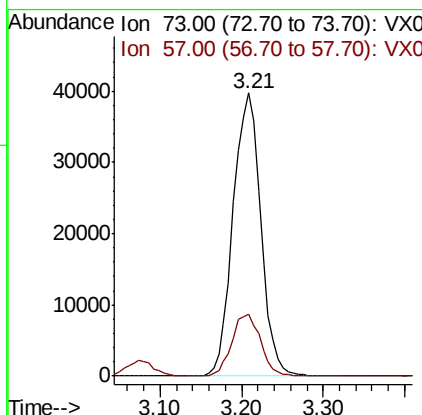
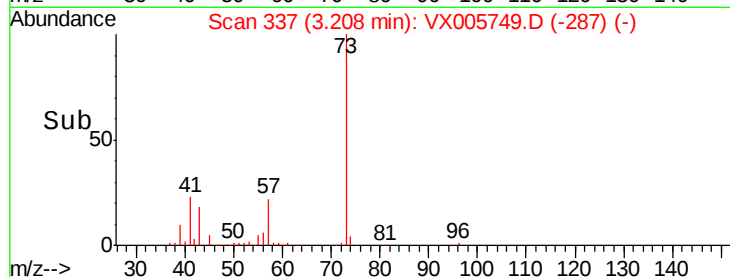
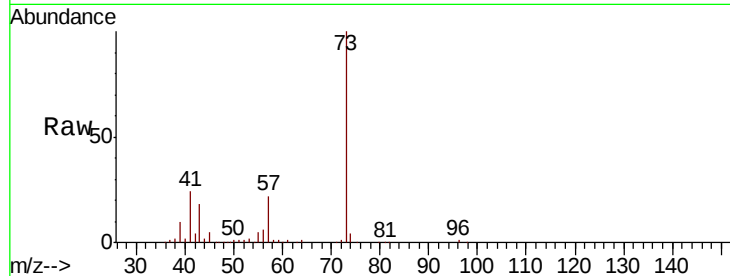
#19
Methvl tert-butvl Ether
Concen: 20.957 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX005749.D
Acq: 02 Nov 2018 12:00

Instrument :
MSVOA_X
ClientSampleId :
VX1102WBSD01

Tot Ion: 73 Resp: 92742
Ion Ratio Lower Upper
73 100
57 21.9 18.8 28.2

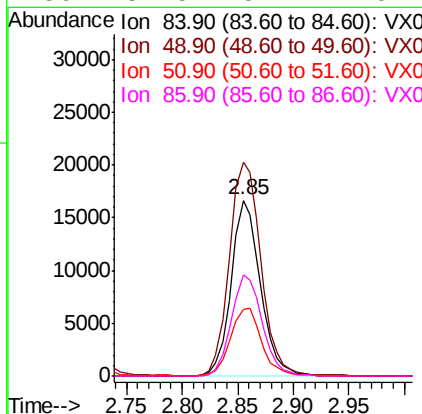
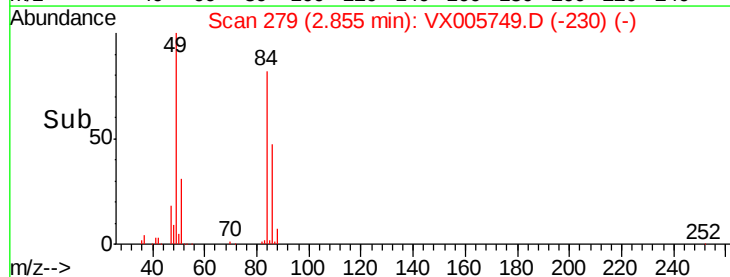
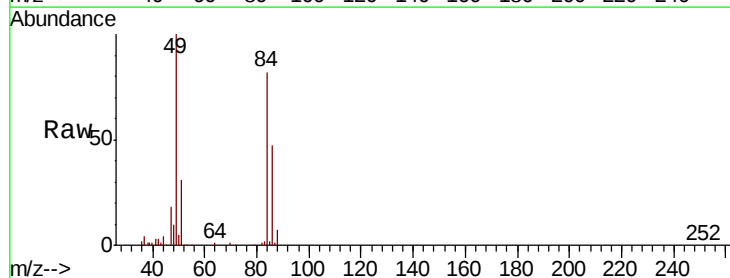
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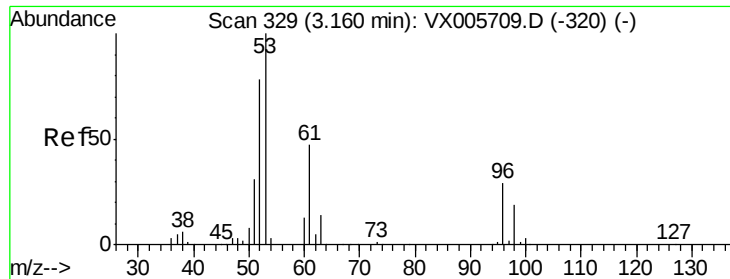
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#20
Methylene Chloride
Concen: 20.205 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX005749.D
Acq: 02 Nov 2018 12:00

Tgt Ion: 84 Resp: 30236
Ion Ratio Lower Upper
84 100
49 121.3 109.5 164.3
51 38.1 33.3 49.9
86 57.5 52.7 79.1





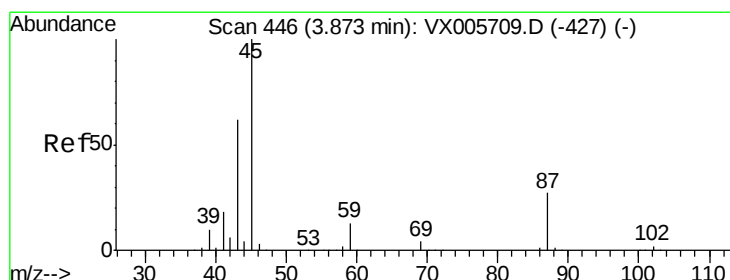
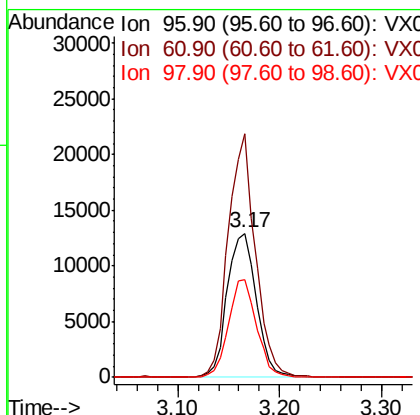
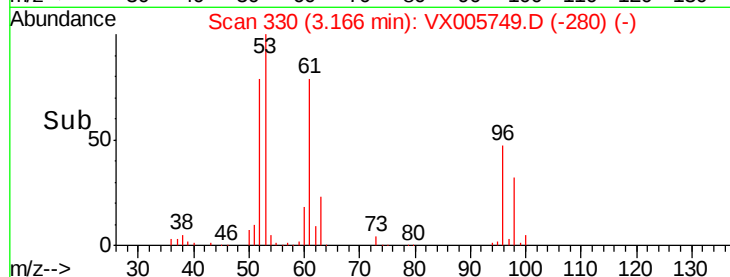
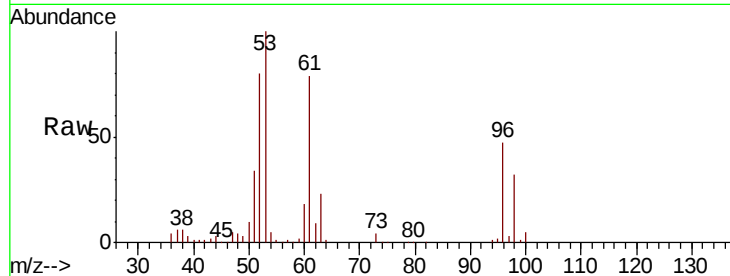
#21
trans-1,2-Dichloroethene
Concen: 19.014 ug/l
RT: 3.17 min Scan# 330
Delta R.T. 0.01 min
Lab File: VX005749.D
Acq: 02 Nov 2018 12:00

Instrument :
MSVOA_X
ClientSampleId :
VX1102WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	168.9	115.6	173.4
98	67.6	50.2	75.2

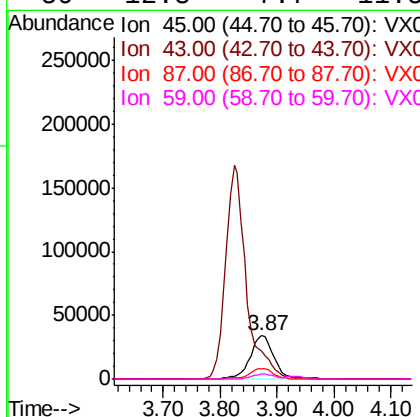
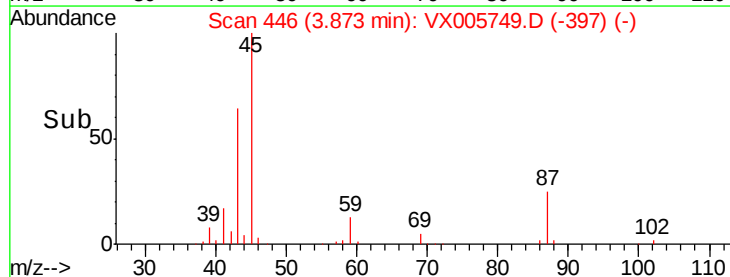
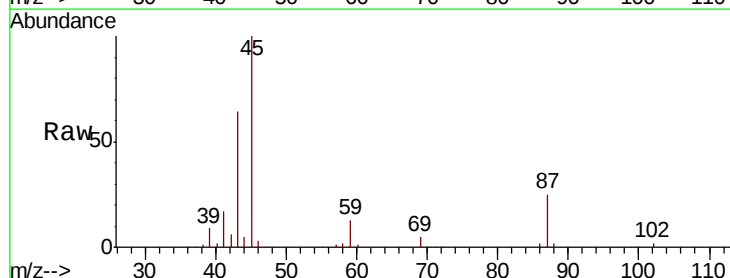
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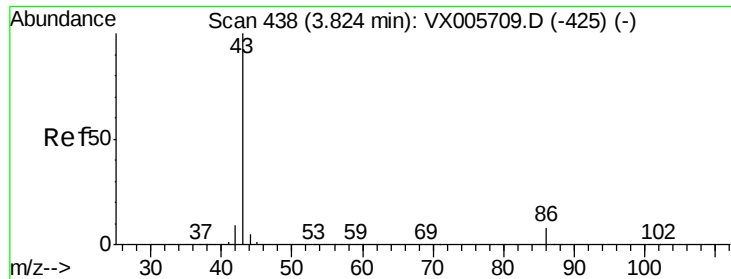
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#22
Diisopropyl ether
Concen: 19.807 ug/l
RT: 3.87 min Scan# 446
Delta R.T. -0.00 min
Lab File: VX005749.D
Acq: 02 Nov 2018 12:00

Tgt Ion	Ratio	Lower	Upper
45	100		
43	64.1	47.4	71.2
87	24.6	15.9	23.9#
59	12.8	7.7	11.5#





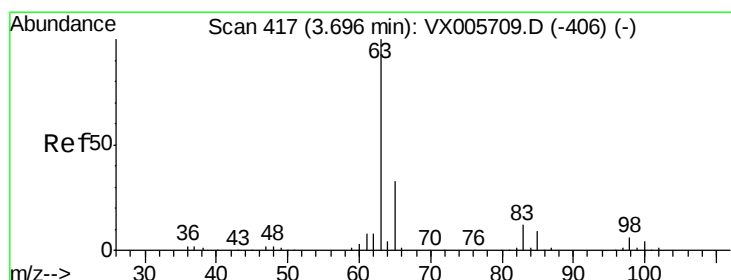
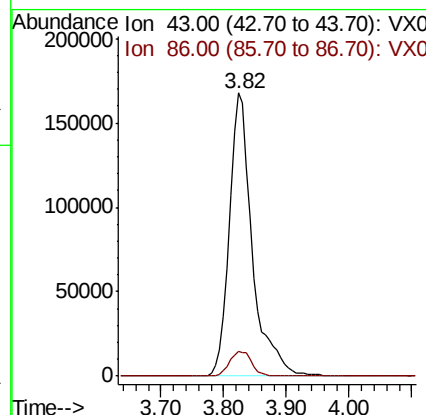
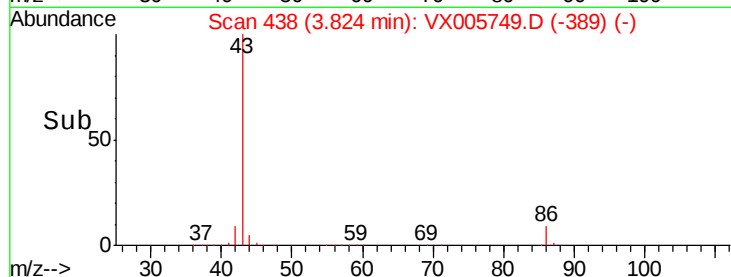
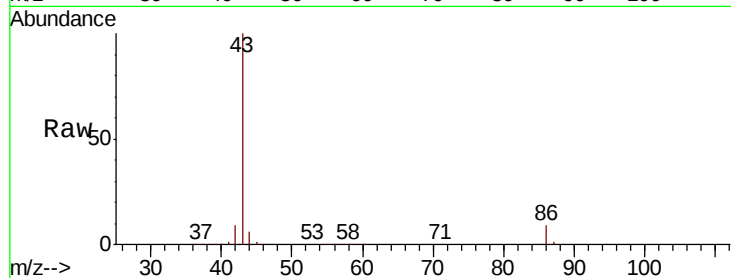
#23
 Vinyl Acetate
 Concen: 99.687 ug/l
 RT: 3.82 min Scan# 438
 Delta R.T. 0.00 min
 Lab File: VX005749.D
 Acq: 02 Nov 2018 12:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1102WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
86	9.0	7.4	11.2

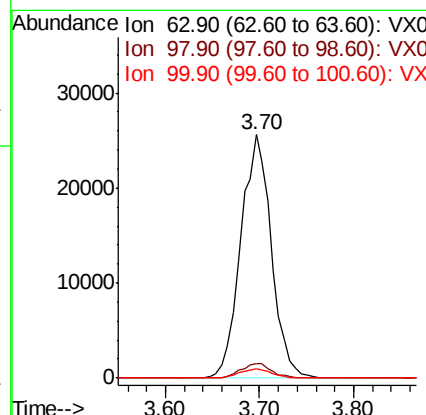
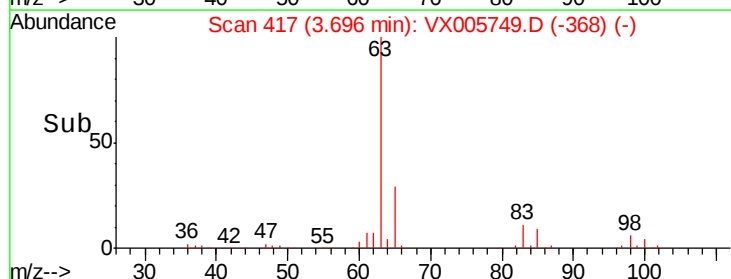
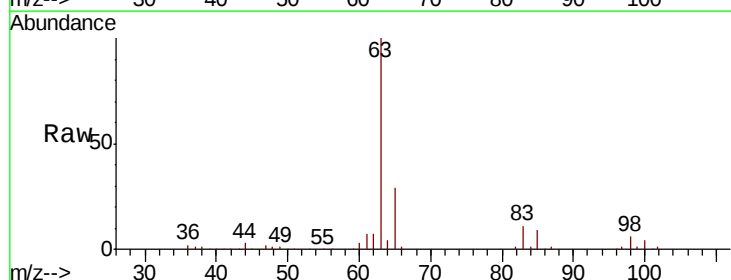
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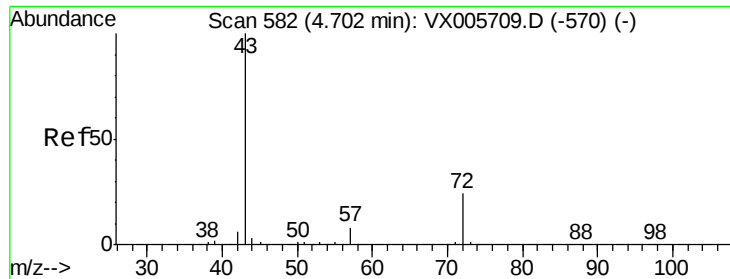
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#24
 1,1-Dichloroethane
 Concen: 20.828 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. -0.00 min
 Lab File: VX005749.D
 Acq: 02 Nov 2018 12:00

Tgt Ion	Ratio	Lower	Upper
63	100		
98	5.7	3.2	9.6
100	3.9	2.1	6.2





#25

2-Butanone

Concen: 97.682 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX005749.D

Acq: 02 Nov 2018 12:00

Instrument :

MSVOA_X

ClientSampleId :

VX1102WBSD01

Tot Ion: 43 Resp: 142997

Ion Ratio Lower Upper

43 100

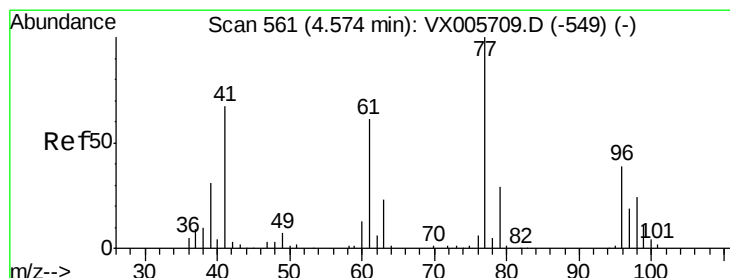
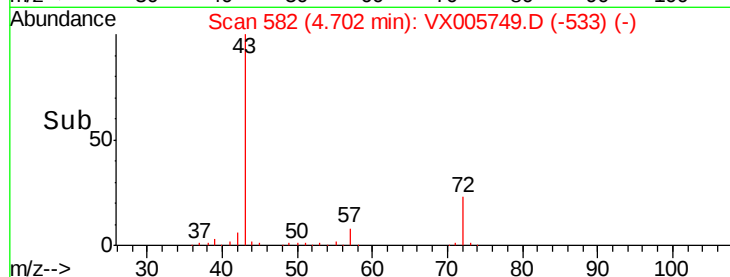
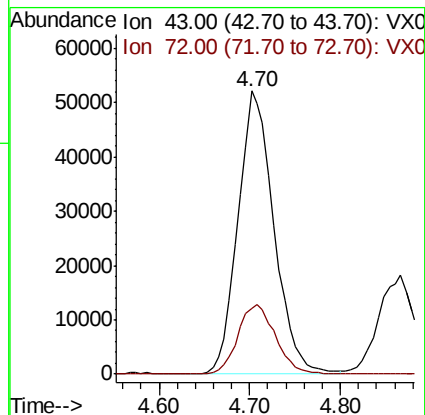
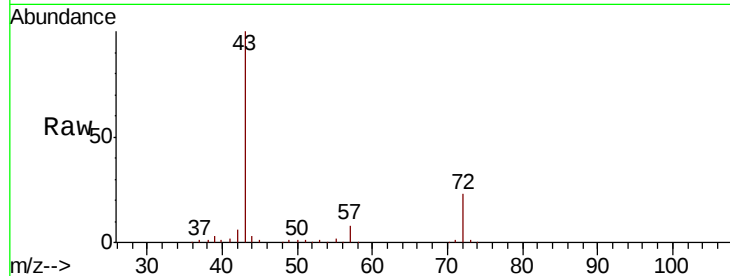
72 23.3 19.2 28.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 18.732 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX005749.D

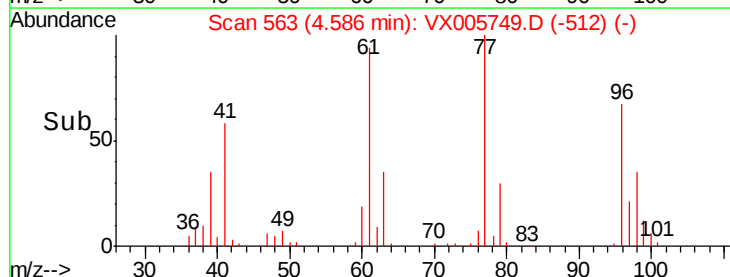
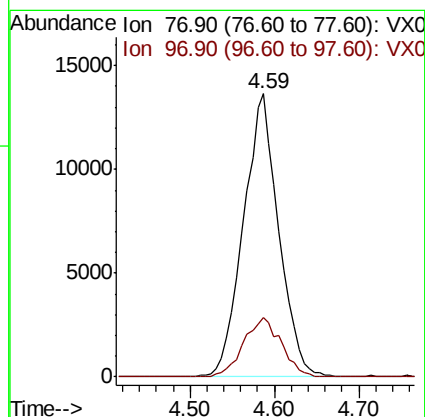
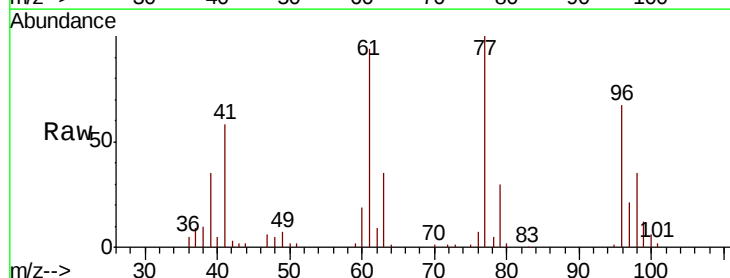
Acq: 02 Nov 2018 12:00

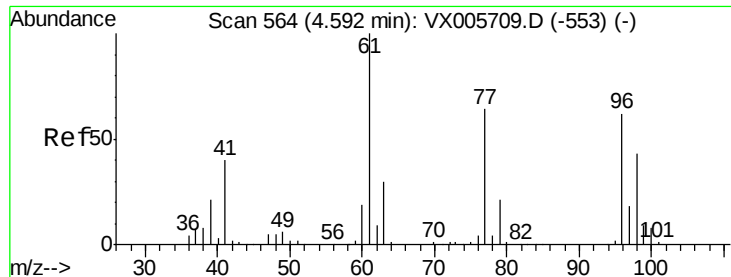
Tgt Ion: 77 Resp: 38828

Ion Ratio Lower Upper

77 100

97 22.4 11.5 34.5





#27

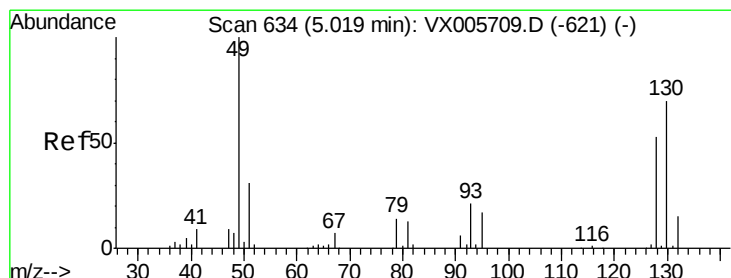
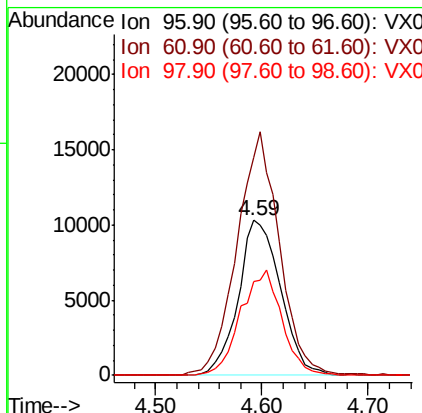
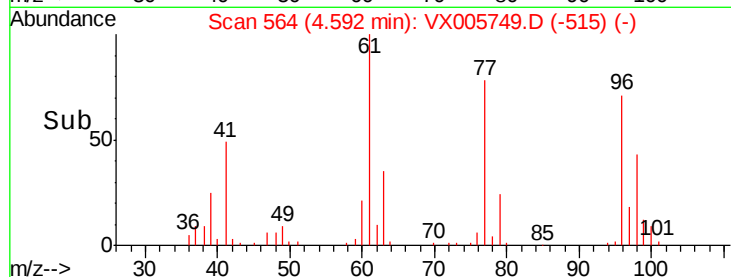
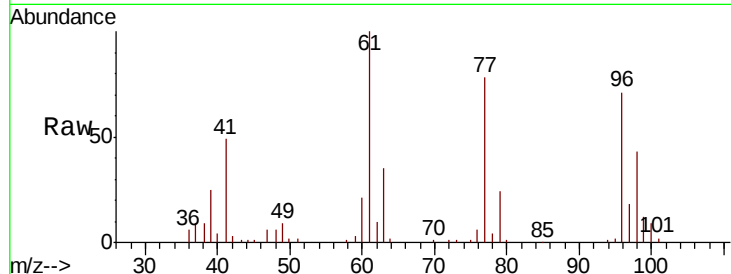
cis-1,2-Dichloroethene
Concen: 18.907 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.00 min
Lab File: VX005749.D
Acq: 02 Nov 2018 12:00

Instrument :
MSVOA_X
ClientSampleId :
VX1102WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	157.0	0.0	304.6
98	66.0	0.0	127.4

Manual Integrations
APPROVED

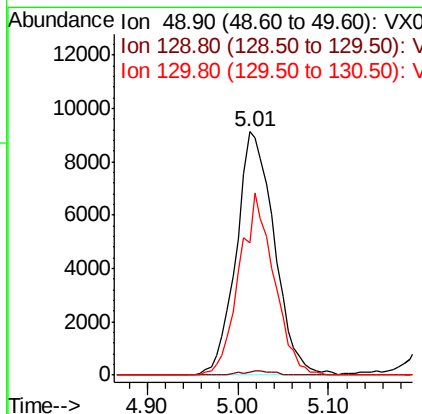
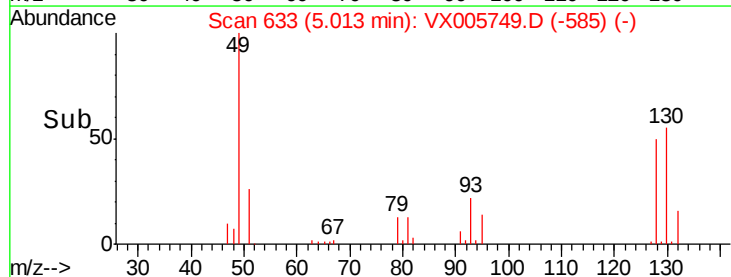
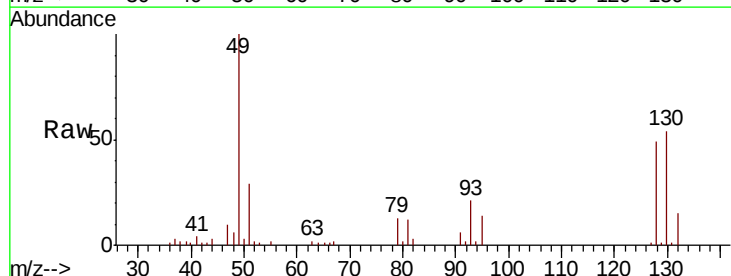
MMDadoda
11/5/2018 3:09:38 PM

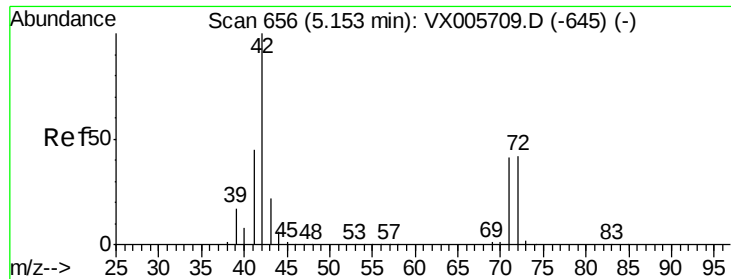


#28

Bromochloromethane
Concen: 19.633 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX005749.D
Acq: 02 Nov 2018 12:00

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.4	0.0	4.0
130	68.2	58.9	88.3





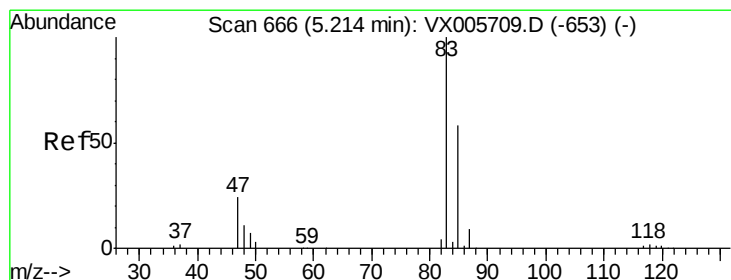
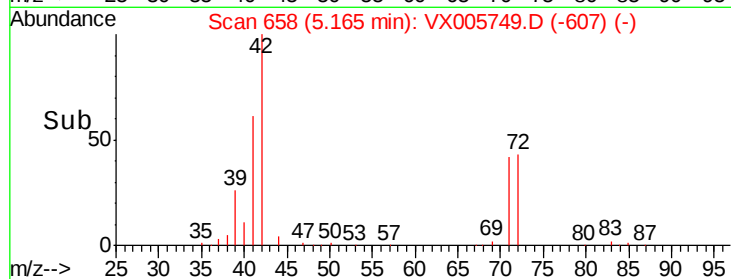
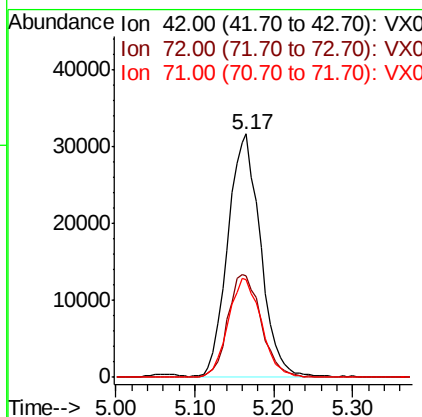
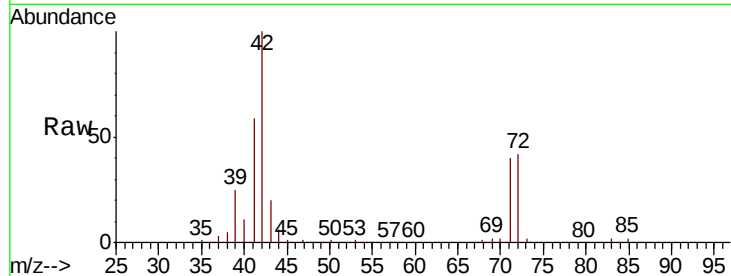
#29
Tetrahydrofuran
Concen: 101.621 ug/l
RT: 5.17 min Scan# 658
Delta R.T. 0.01 min
Lab File: VX005749.D
Acq: 02 Nov 2018 12:00

Instrument :
MSVOA_X
ClientSampleId :
VX1102WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.5	32.0	48.0
71	41.6	29.8	44.8

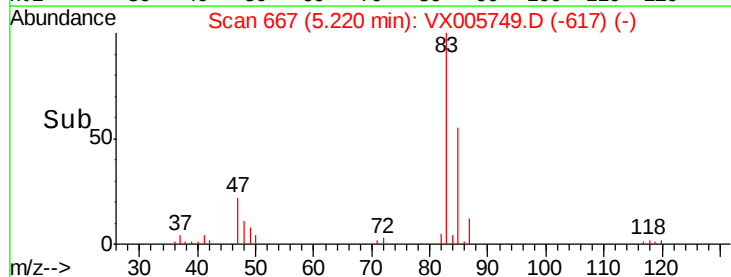
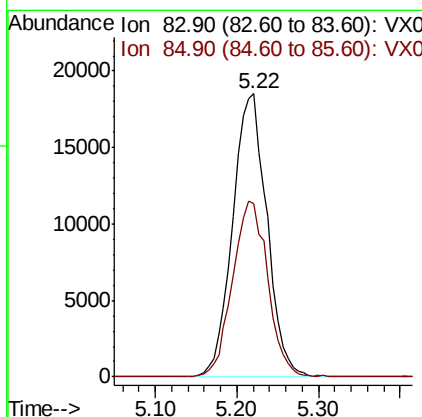
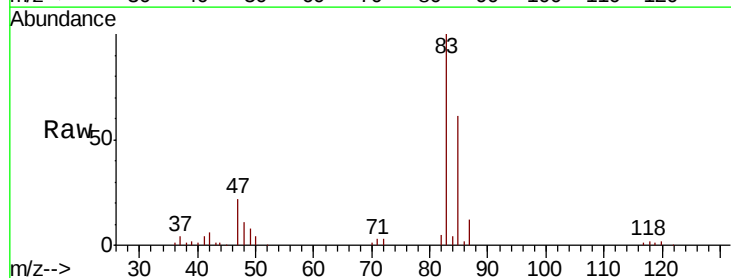
Manual Integrations
APPROVED

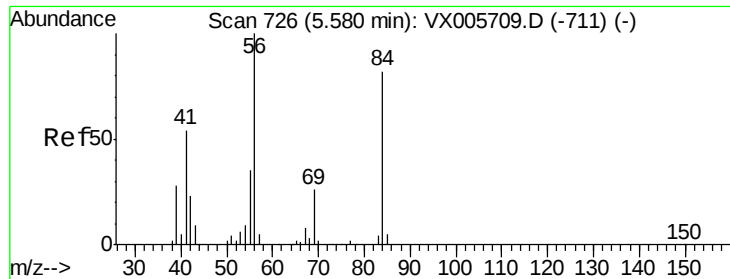
MMDadoda
11/5/2018 3:09:38 PM



#30
Chloroform
Concen: 19.854 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX005749.D
Acq: 02 Nov 2018 12:00

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.1	50.6	76.0





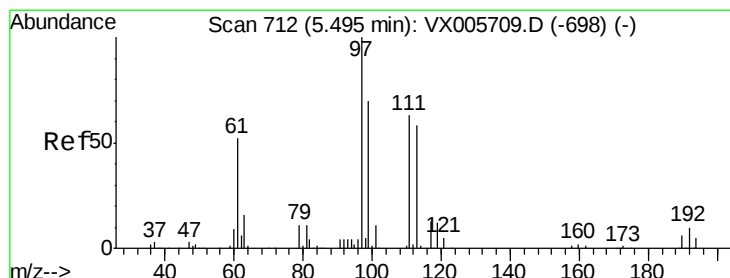
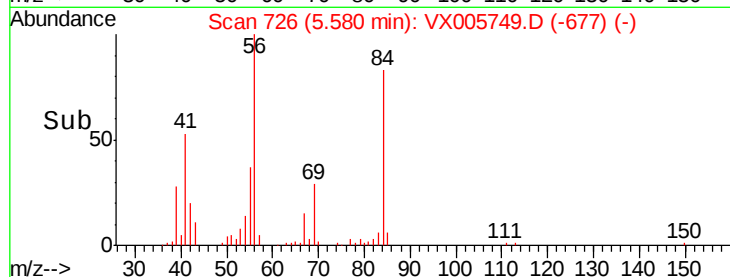
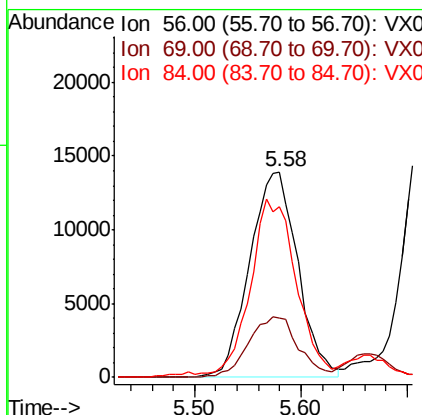
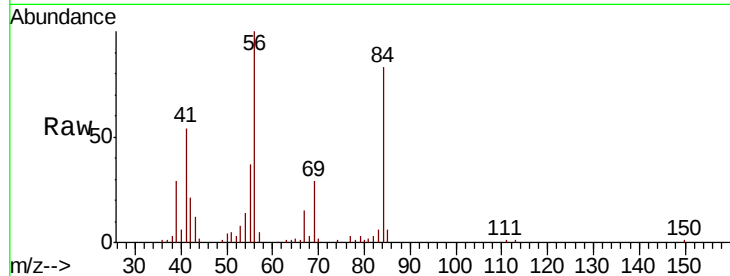
#31
Cyclohexane
Concen: 18.958 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.00 min
Lab File: VX005749.D
Acq: 02 Nov 2018 12:00

Instrument :
MSVOA_X
ClientSampleId :
VX1102WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	28.8	22.6	34.0
84	80.6	62.7	94.1

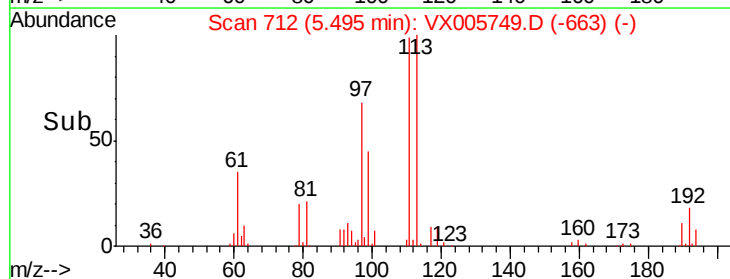
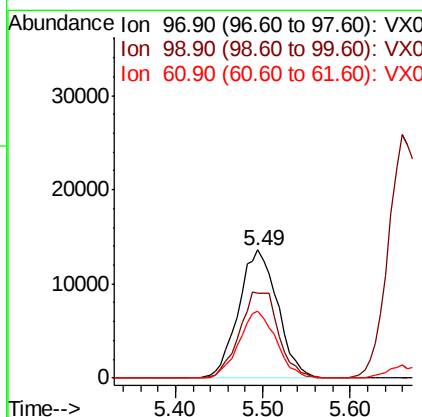
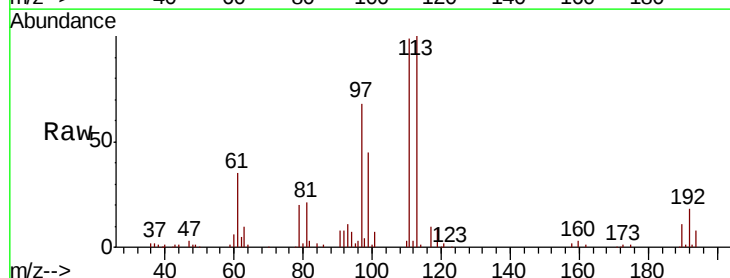
Manual Integrations
APPROVED

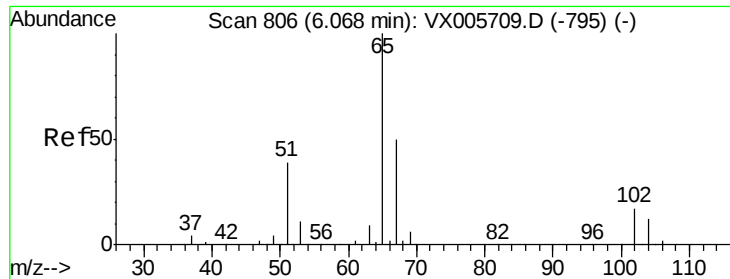
MMDadoda
11/5/2018 3:09:38 PM



#32
1,1,1-Trichloroethane
Concen: 19.422 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX005749.D
Acq: 02 Nov 2018 12:00

Tgt Ion	Ratio	Lower	Upper
97	100		
99	67.2	52.3	78.5
61	49.8	35.2	52.8





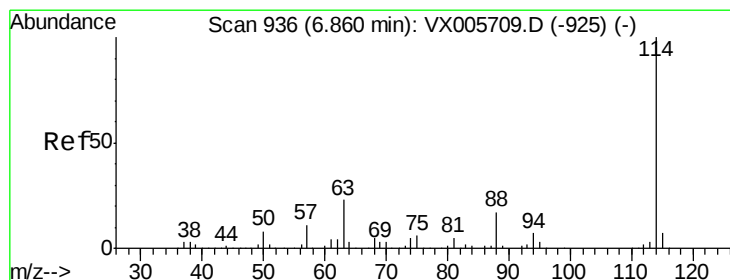
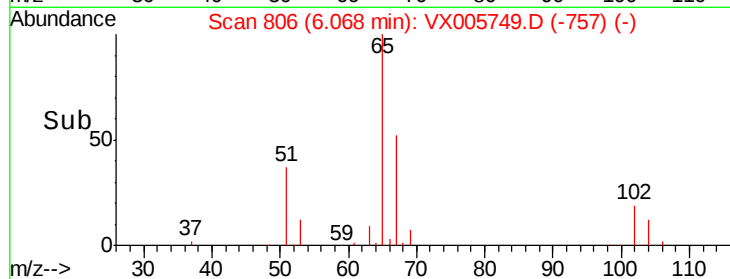
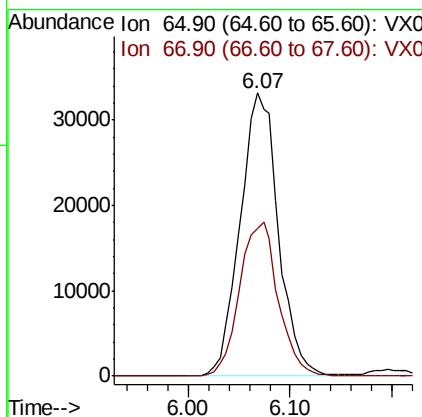
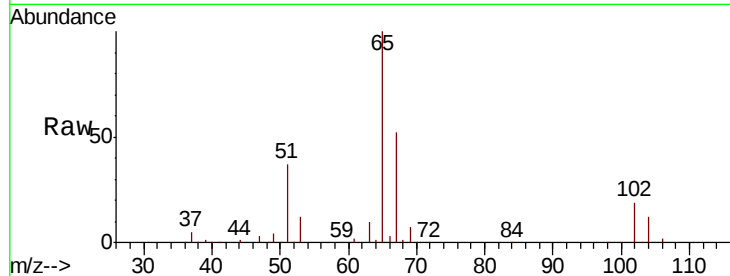
#33
 1,2-Dichloroethane-d4
 Concen: 49.891 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX005749.D
 Acq: 02 Nov 2018 12:00

Instrument :
 MSVOA_X
 ClientSampled :
 VX1102WBSD01

Tot Ion: 65 Resp: 86580
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 105.0

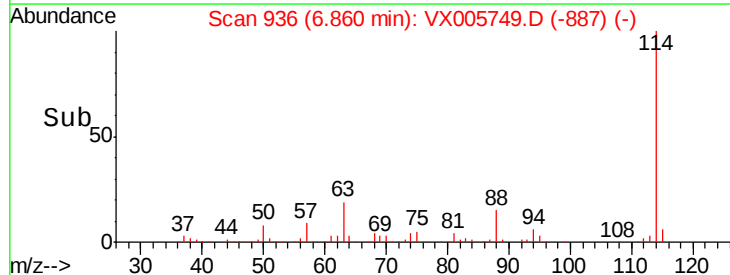
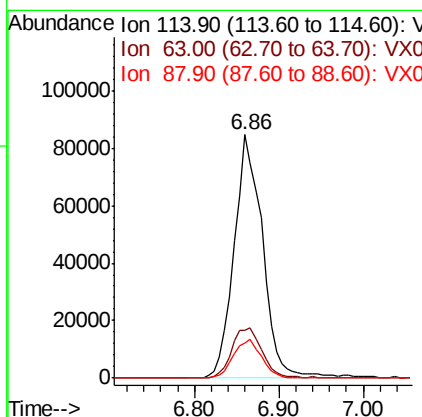
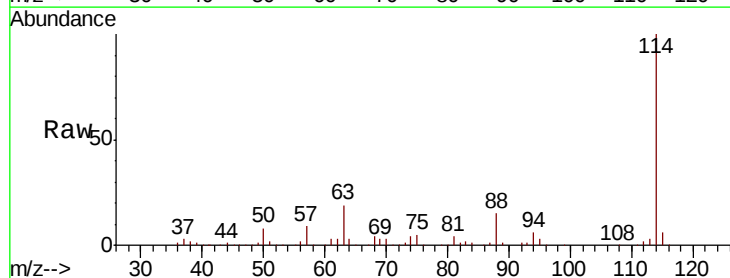
Manual Integrations
 APPROVED

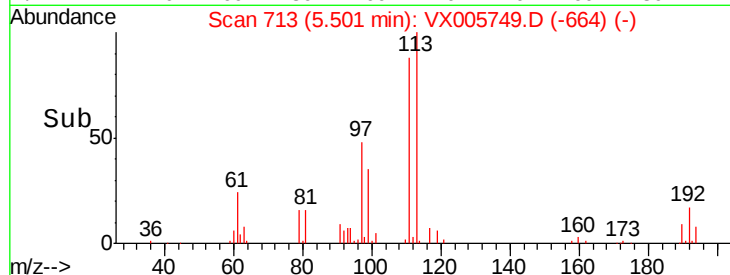
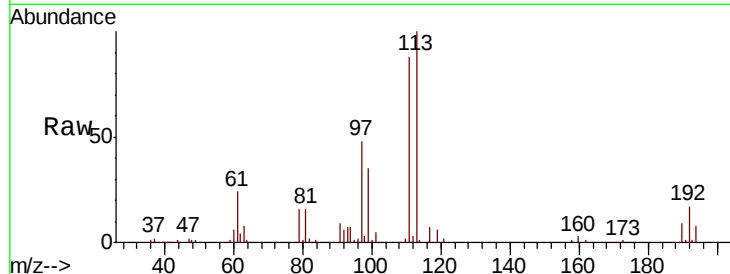
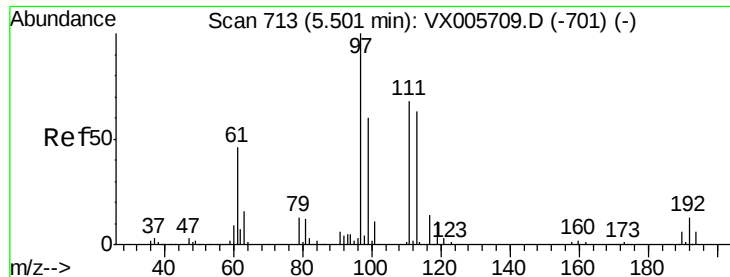
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 11/5/2018 3:09:38 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX005749.D
 Acq: 02 Nov 2018 12:00

Tgt Ion: 114 Resp: 193771
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 42.8
 88 14.6 0.0 31.2





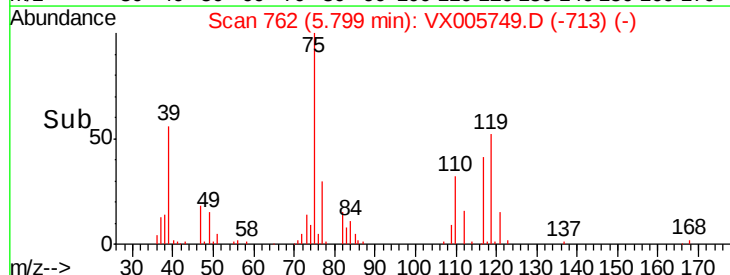
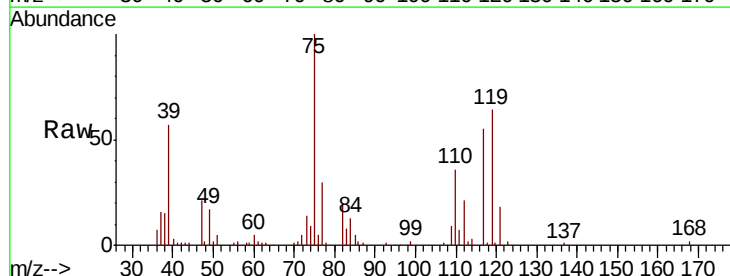
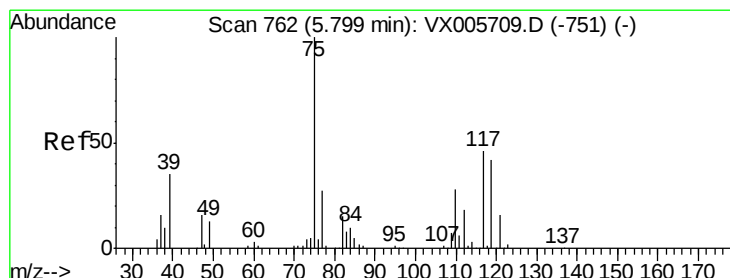
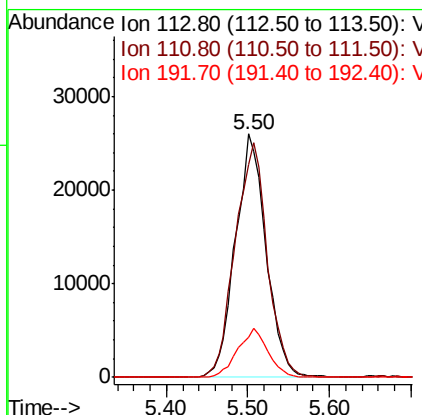
#35
Dibromofluoromethane
Concen: 50.337 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX005749.D
Acq: 02 Nov 2018 12:00

Tot Ion	Ratio	Resp	Lower	Upper
113	100	67536		
111	101.2	82.3	123.5	
192	19.8	17.9	26.9	

Instrument :
MSVOA_X
ClientSampleId :
VX1102WBSD01

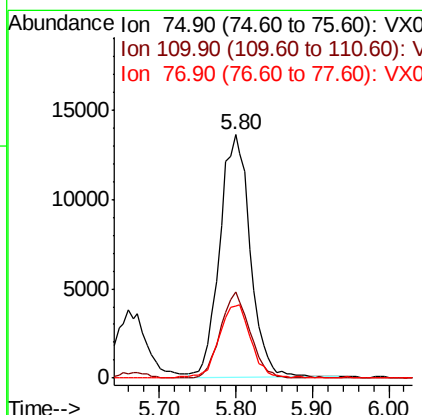
Manual Integrations
APPROVED

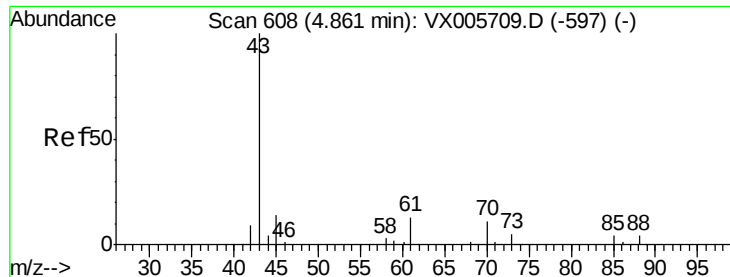
MMDadoda
11/5/2018 3:09:38 PM



#36
1,1-Dichloropropene
Concen: 18.104 ug/l
RT: 5.80 min Scan# 762
Delta R.T. -0.00 min
Lab File: VX005749.D
Acq: 02 Nov 2018 12:00

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	37375		
110	34.3	17.4	52.2	
77	31.7	25.8	38.6	





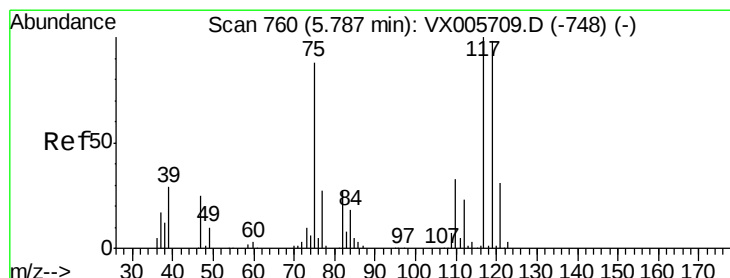
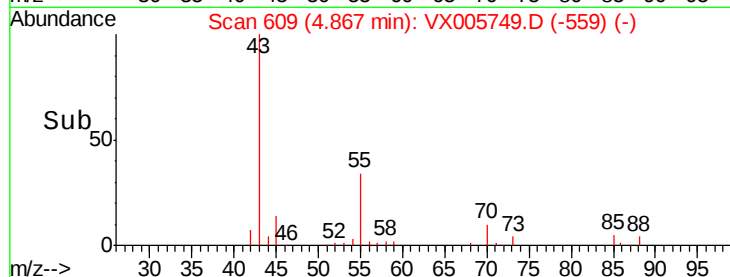
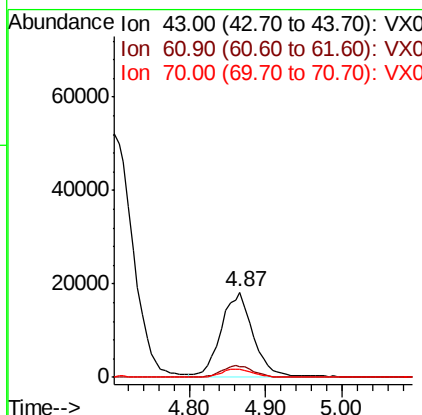
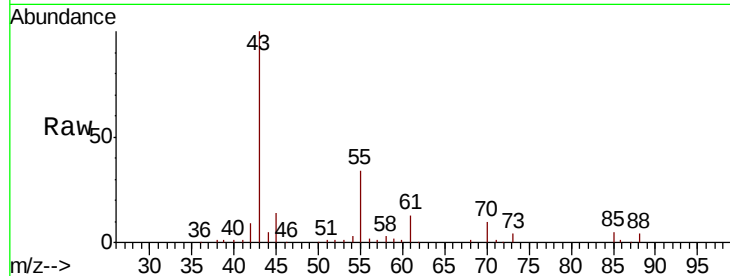
#37
Ethyl Acetate
Concen: 19.800 ug/l
RT: 4.87 min Scan# 609
Delta R.T. 0.01 min
Lab File: VX005749.D
Acq: 02 Nov 2018 12:00

Instrument :
MSVOA_X
ClientSampleId :
VX1102WBSD01

Tot Ion:	43	Resp:	52150
Ion	Ratio	Lower	Upper
43	100		
61	13.9	10.8	16.2
70	10.2	7.8	11.8

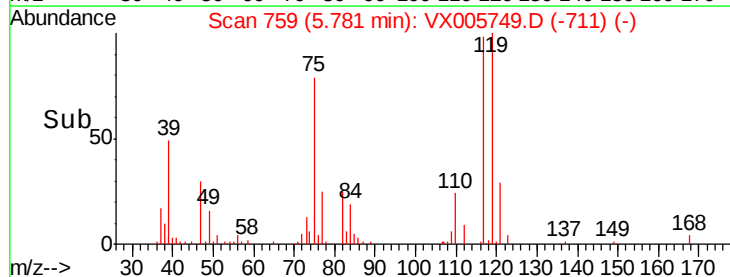
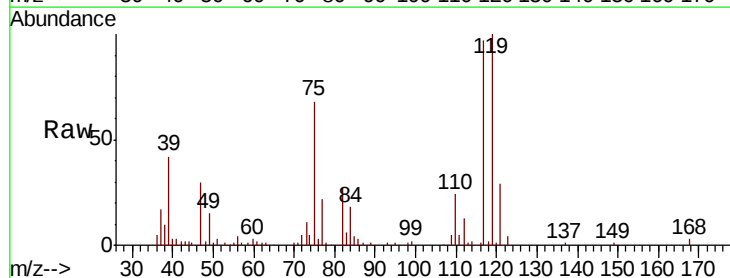
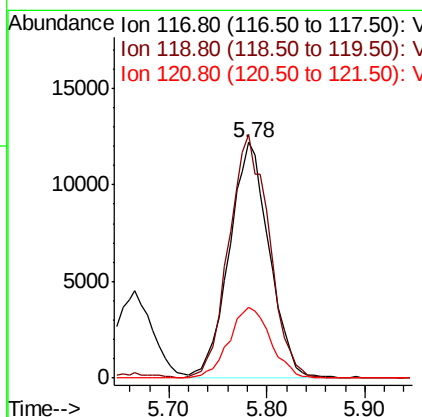
Manual Integrations
APPROVED

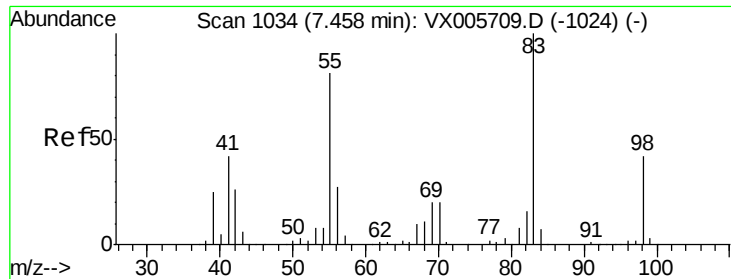
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11/5/2018 3:09:38 PM



#38
Carbon Tetrachloride
Concen: 18.563 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX005749.D
Acq: 02 Nov 2018 12:00

Tgt Ion:	117	Resp:	34623
Ion	Ratio	Lower	Upper
117	100		
119	103.3	78.1	117.1
121	30.1	24.6	36.8





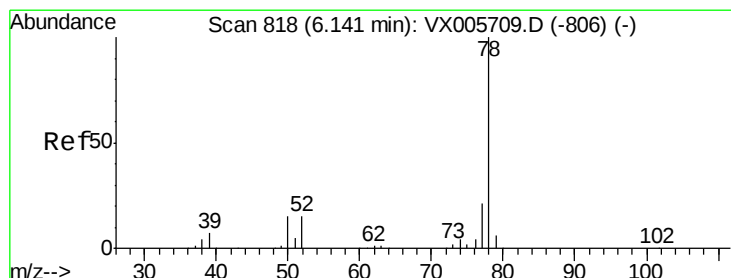
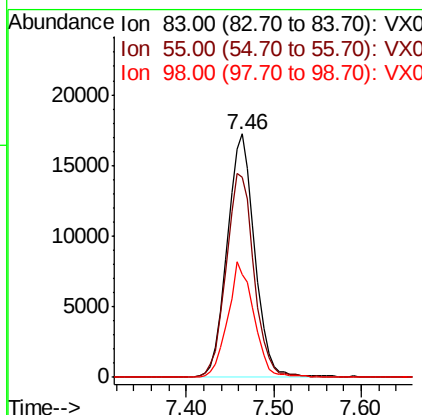
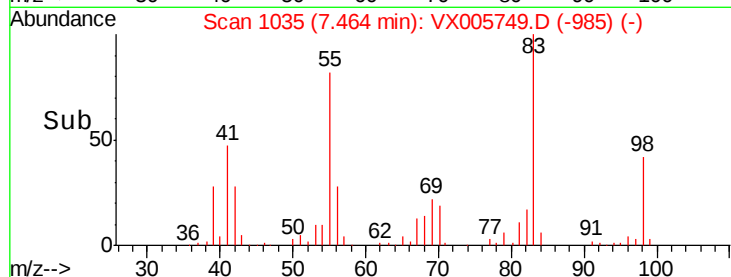
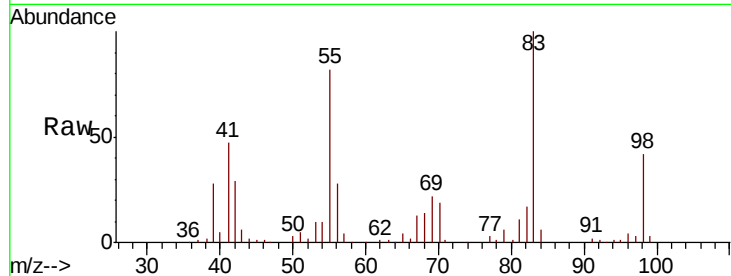
#39
Methvlcvclohexane
Concen: 17.501 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX005749.D
Acq: 02 Nov 2018 12:00

Instrument :
MSVOA_X
ClientSampleId :
VX1102WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	82.1	63.7	95.5
98	42.5	36.2	54.2

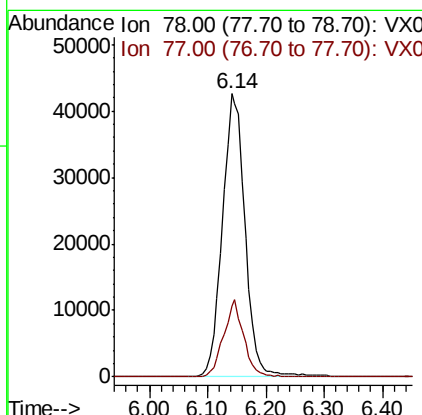
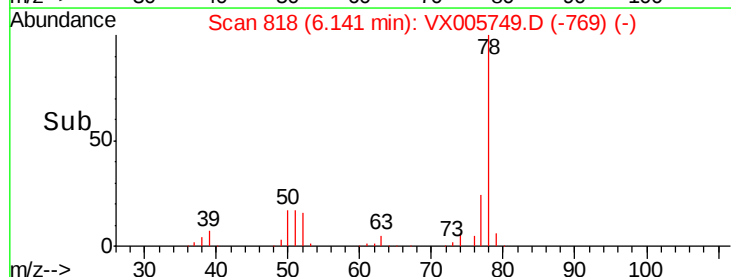
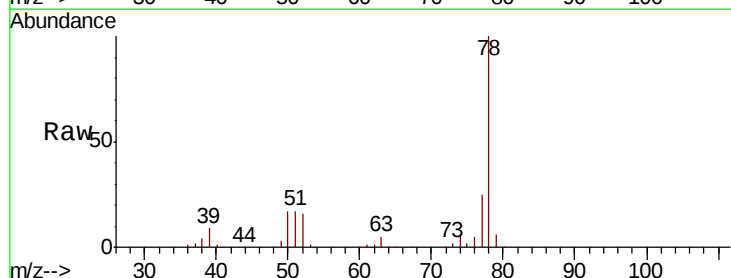
Manual Integrations
APPROVED

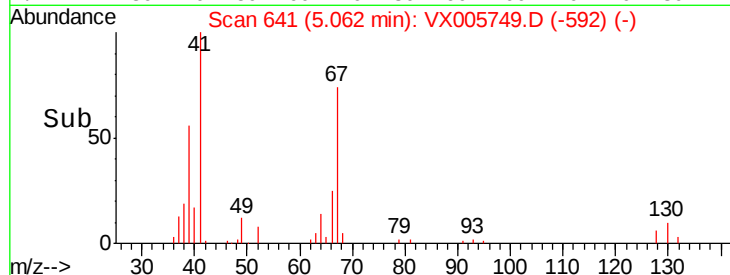
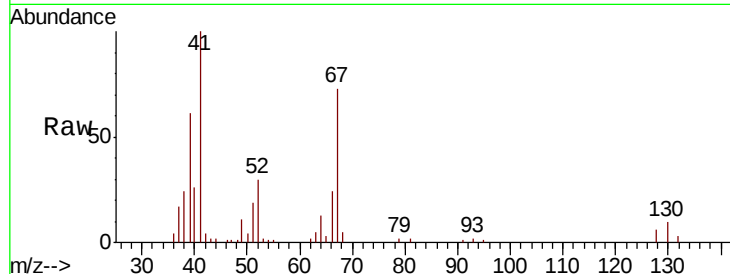
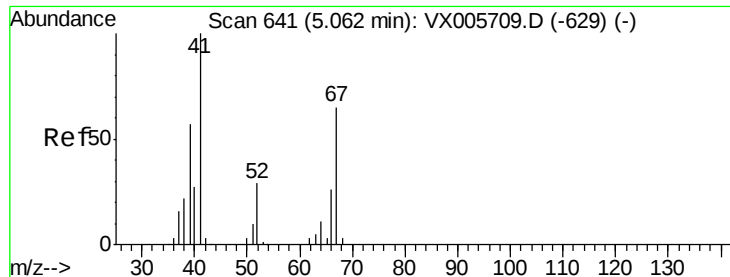
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11/5/2018 3:09:38 PM



#40
Benzene
Concen: 18.747 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX005749.D
Acq: 02 Nov 2018 12:00

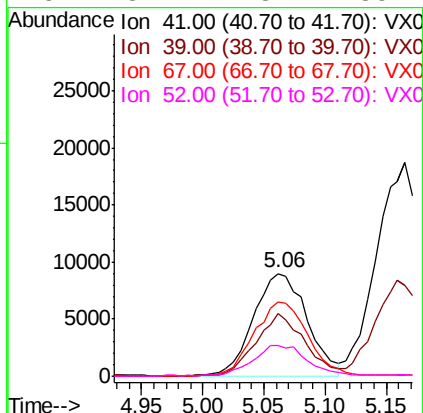
Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.8	18.4	27.6





#41
Methacrylonitrile
Concen: 19.263 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.00 min
Lab File: VX005749.D
Acq: 02 Nov 2018 12:00

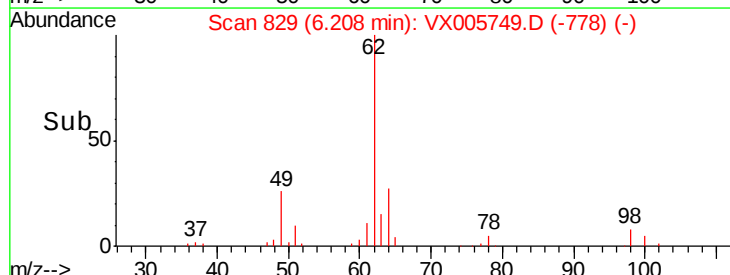
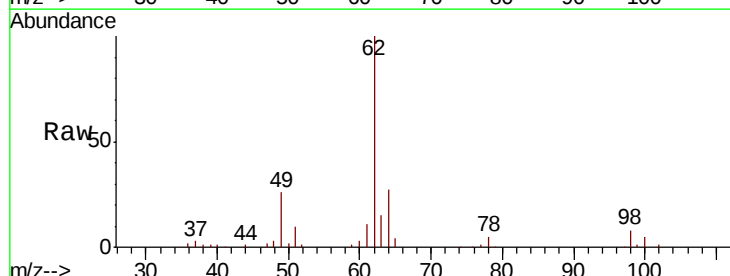
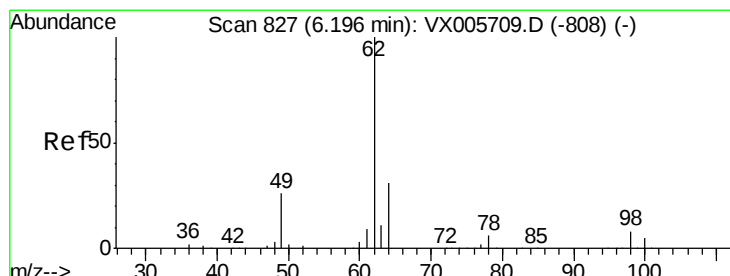
Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.8	42.2	63.2	
67	74.1	53.4	80.0	
52	31.1	23.4	35.2	



Instrument :
MSVOA_X
ClientSampleId :
VX1102WBSD01

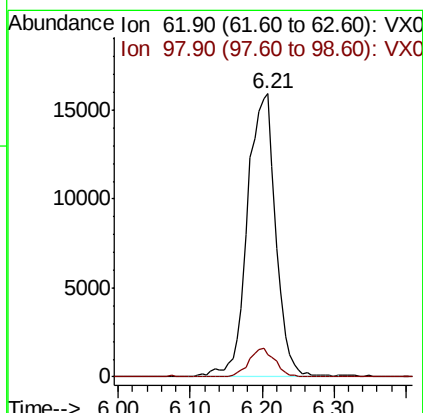
Manual Integrations
APPROVED

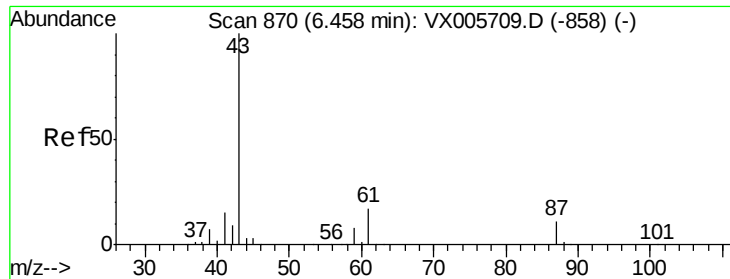
MMDadoda
11/5/2018 3:09:38 PM



#42
1,2-Dichloroethane
Concen: 19.230 ug/l
RT: 6.21 min Scan# 829
Delta R.T. 0.01 min
Lab File: VX005749.D
Acq: 02 Nov 2018 12:00

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.1	0.0	17.8	





#43

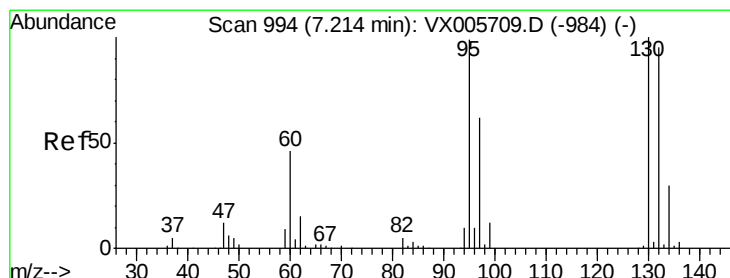
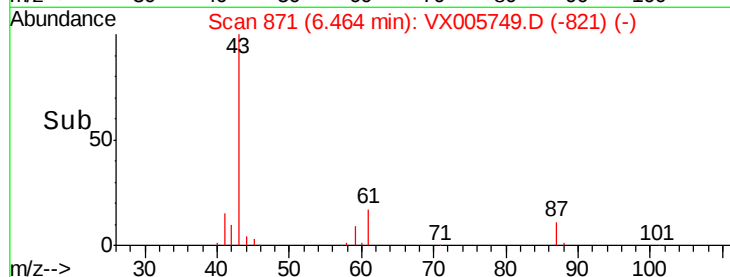
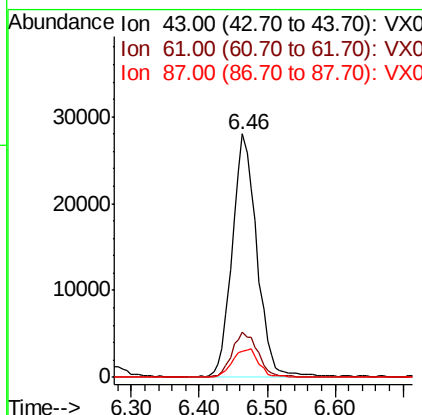
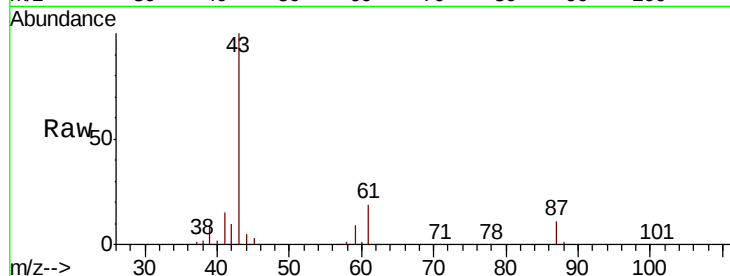
Isopropyl Acetate
 Concen: 18.549 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. 0.01 min
 Lab File: VX005749.D
 Acq: 02 Nov 2018 12:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1102WBSD01

Tot Ion	43	61	87
Resp	70910		
Ratio	100	19.2	12.2
Lower		14.6	9.6
Upper		22.0	14.4

Manual Integrations
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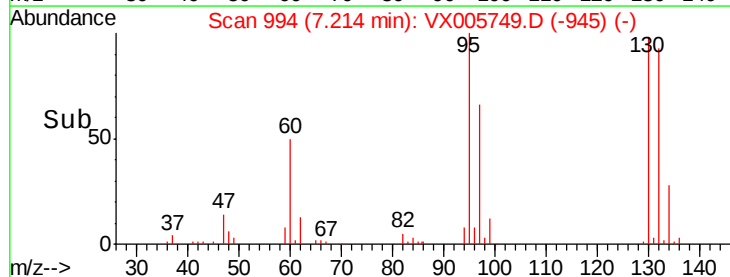
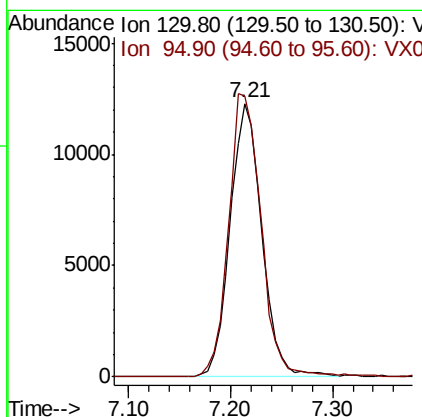
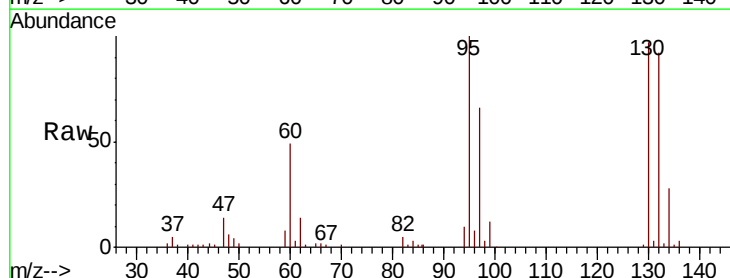
MMDadoda
 11/5/2018 3:09:38 PM

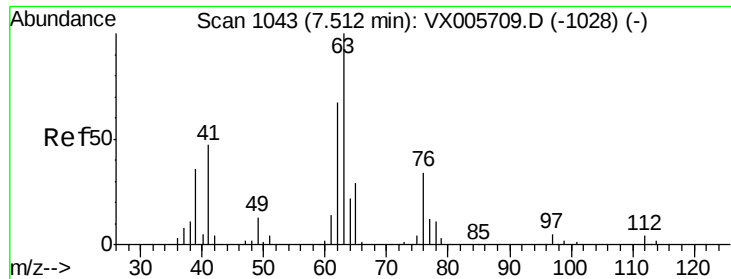


#44

Trichloroethene
 Concen: 18.577 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX005749.D
 Acq: 02 Nov 2018 12:00

Tgt Ion	130	95
Resp	26388	
Ratio	100	102.6
Lower		0.0
Upper		194.2





#45

1,2-Dichloropropane

Concen: 18.990 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VX005749.D

Acq: 02 Nov 2018 12:00

Instrument :

MSVOA_X

ClientSampleId :

VX1102WBSD01

Tot Ion: 63 Resp: 29889

Ion Ratio Lower Upper

63 100

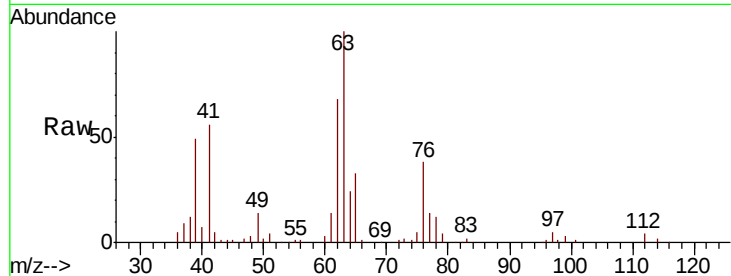
65 32.7 24.8 37.2

Manual Integrations

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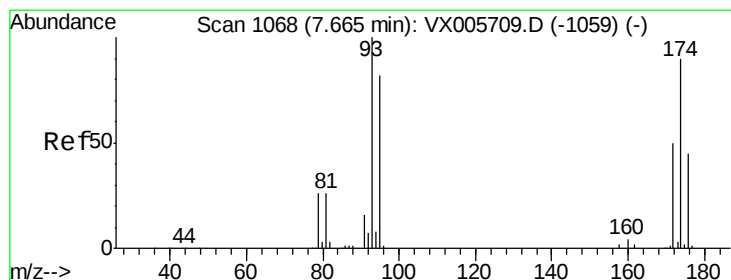
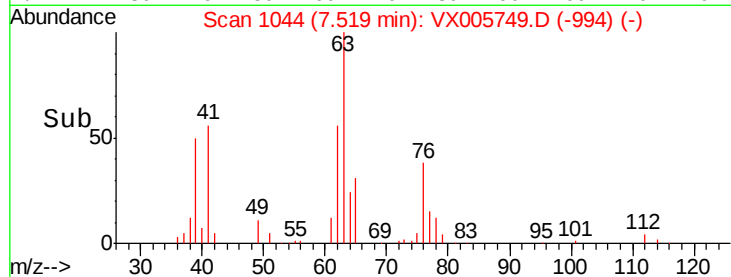
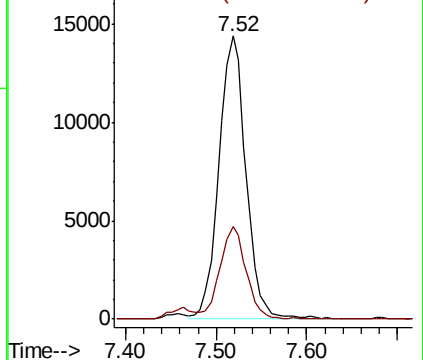
MMDadoda

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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: 19.388 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.01 min

Lab File: VX005749.D

Acq: 02 Nov 2018 12:00

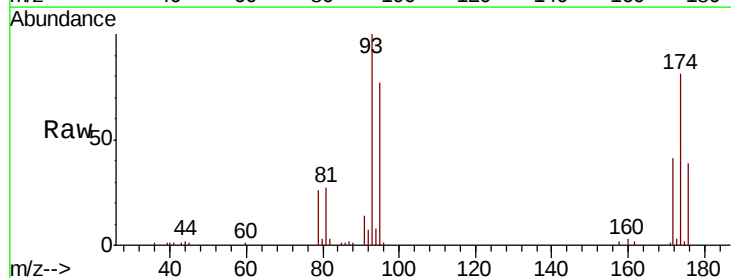
Tgt Ion: 93 Resp: 19502

Ion Ratio Lower Upper

93 100

95 79.5 67.4 101.0

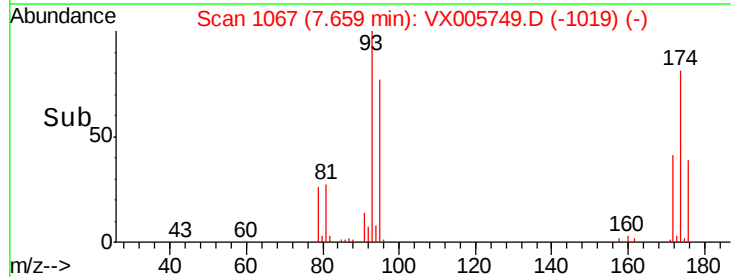
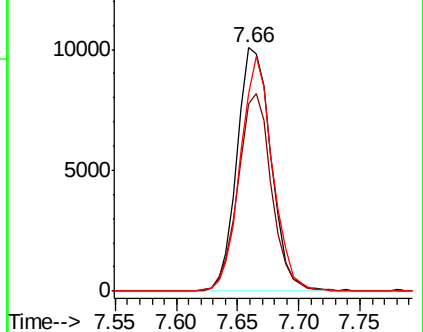
174 91.4 91.5 137.3#

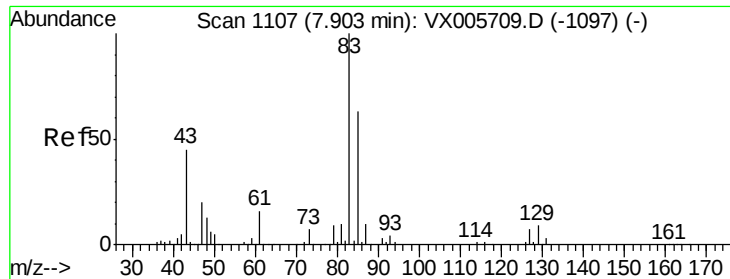


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.724 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.00 min

Lab File: VX005749.D

Acq: 02 Nov 2018 12:00

Instrument :

MSVOA_X

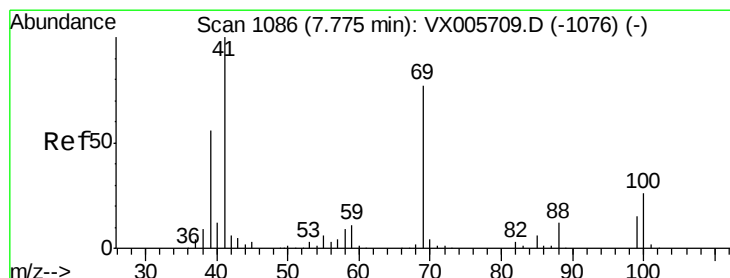
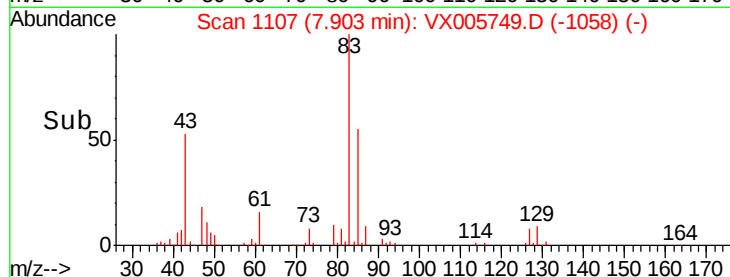
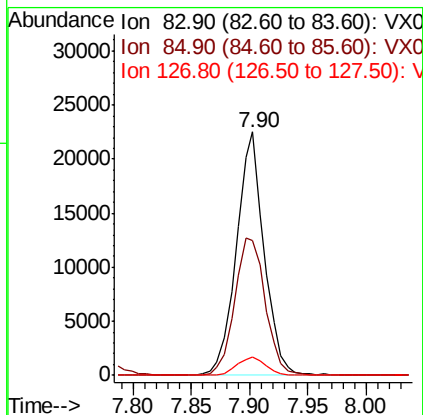
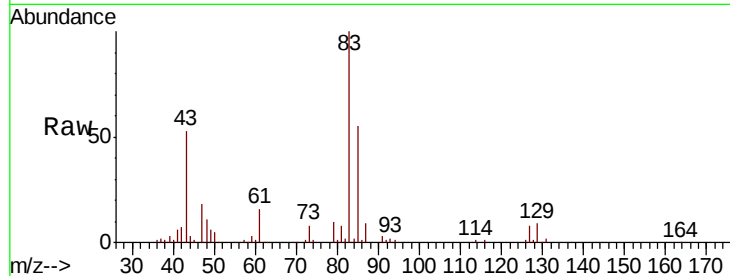
ClientSampleId :

VX1102WBSD01

Tot Ion:	83	Resp:	37214
Ion	Ratio	Lower	Upper
83	100		
85	55.1	50.2	75.4
127	7.6	6.9	10.3

Manual Integrations
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#48

Methyl methacrylate

Concen: 19.765 ug/l

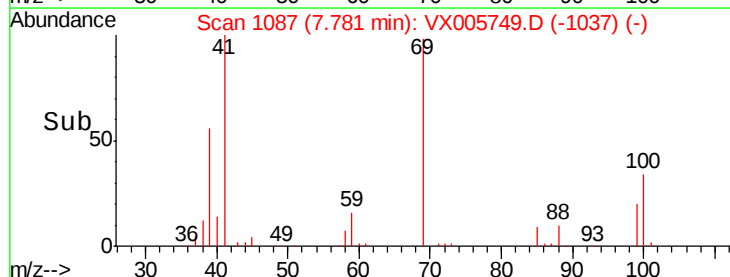
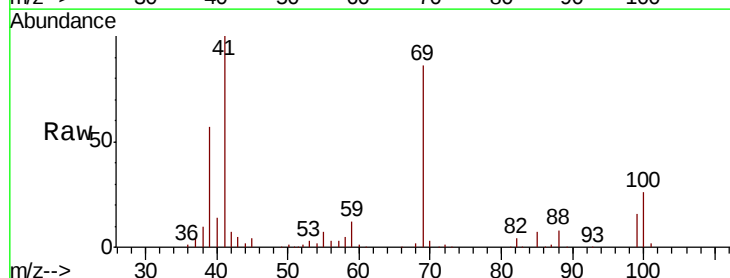
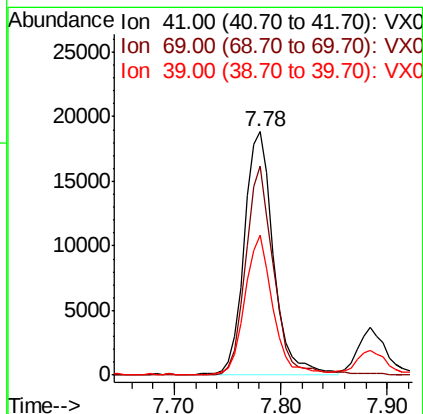
RT: 7.78 min Scan# 1087

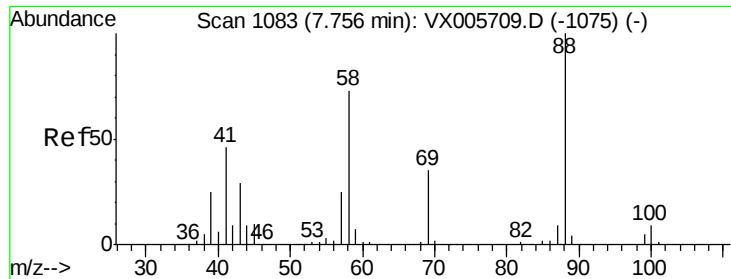
Delta R.T. 0.01 min

Lab File: VX005749.D

Acq: 02 Nov 2018 12:00

Tgt Ion:	41	Resp:	36570
Ion	Ratio	Lower	Upper
41	100		
69	82.1	63.2	94.8
39	55.1	42.2	63.2





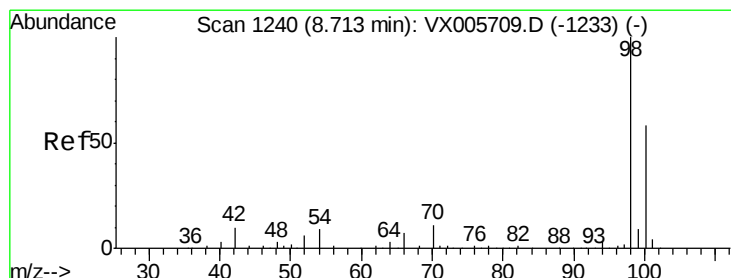
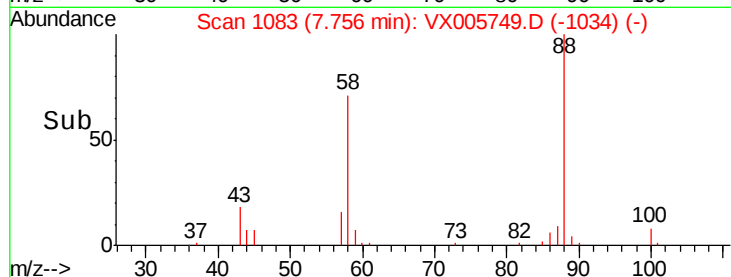
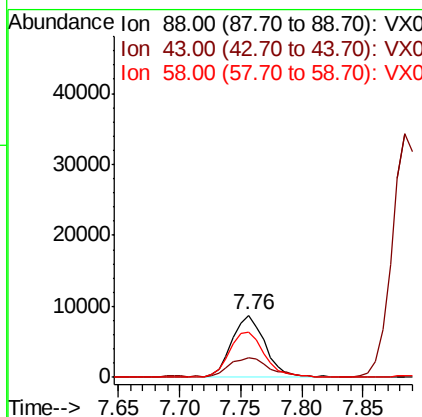
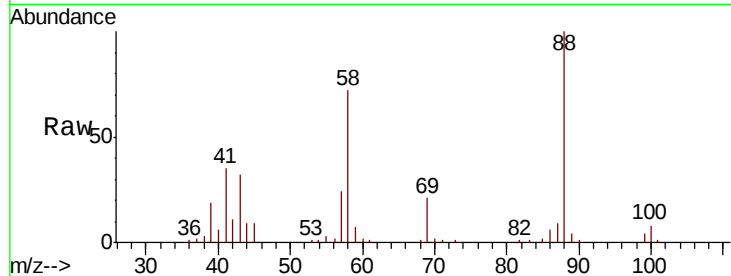
#49
1,4-Dioxane
Concen: 399.173 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. -0.00 min
Lab File: VX005749.D
Acq: 02 Nov 2018 12:00

Instrument :
MSVOA_X
ClientSampleId :
VX1102WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.4	27.4	41.0
58	77.0	59.4	89.2

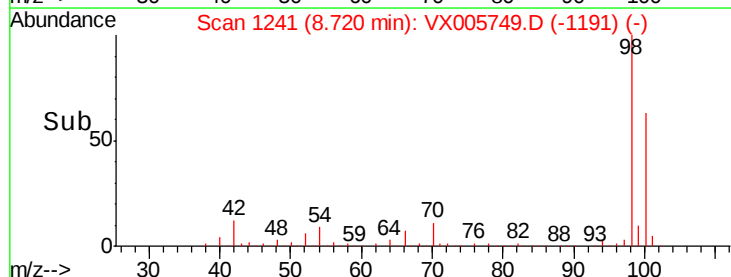
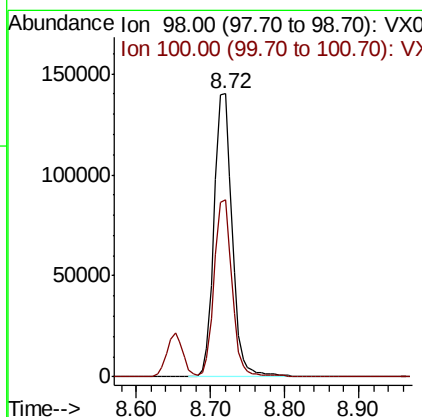
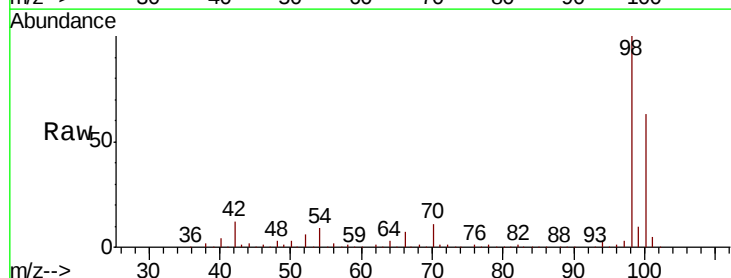
Manual Integrations
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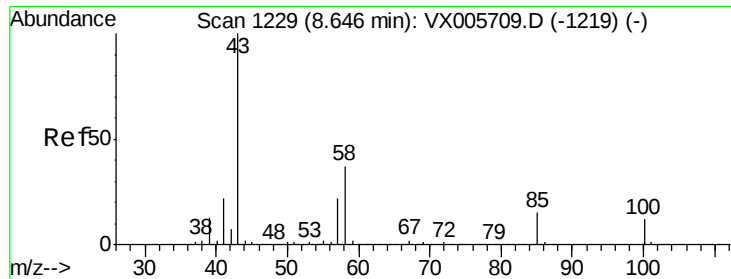
MMDadoda
11/5/2018 3:09:38 PM



#50
Toluene-d8
Concen: 49.761 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VX005749.D
Acq: 02 Nov 2018 12:00

Tgt Ion	Ratio	Lower	Upper
98	100		
100	62.1	51.3	76.9





#51

4-Methyl-2-Pentanone

Concen: 97.413 ug/l

RT: 8.65 min Scan# 1230

Delta R.T. 0.01 min

Lab File: VX005749.D

Acq: 02 Nov 2018 12:00

Instrument :

MSVOA_X

ClientSampled :

VX1102WBSD01

Tot Ion: 43 Resp: 253920

Ion Ratio Lower Upper

43 100

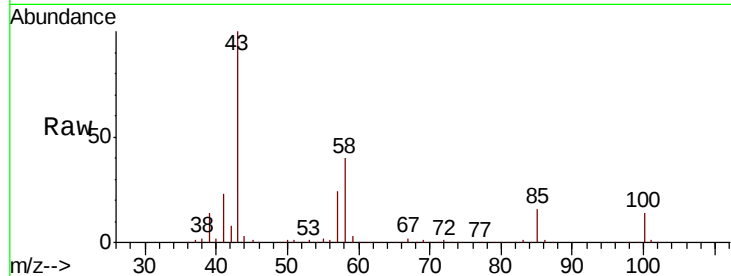
58 38.4 29.7 44.5

Manual Integrations

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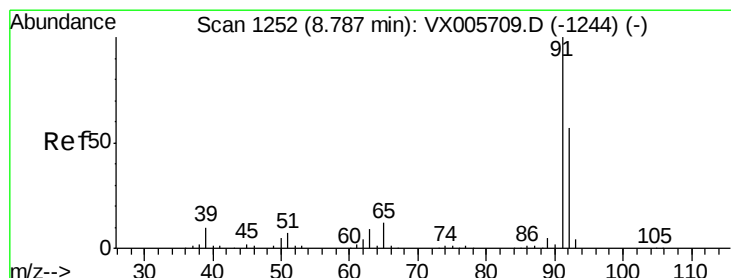
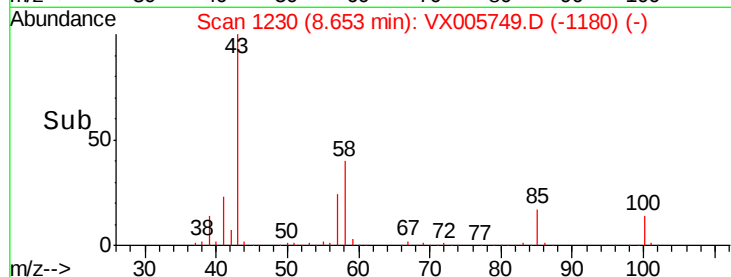
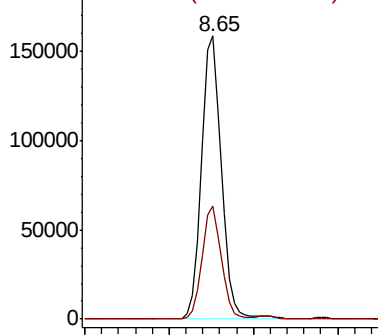
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 19.691 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX005749.D

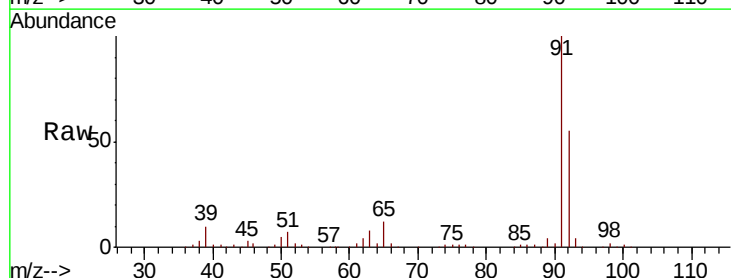
Acq: 02 Nov 2018 12:00

Tgt Ion: 92 Resp: 65415

Ion Ratio Lower Upper

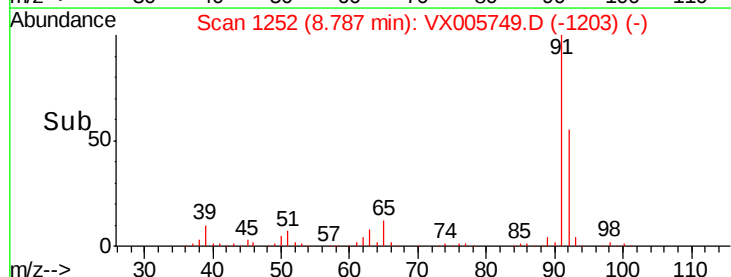
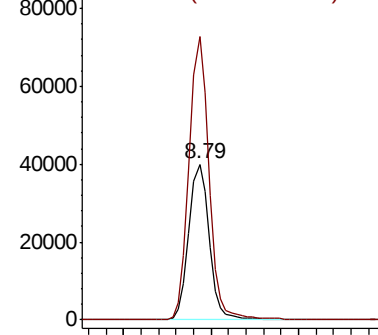
92 100

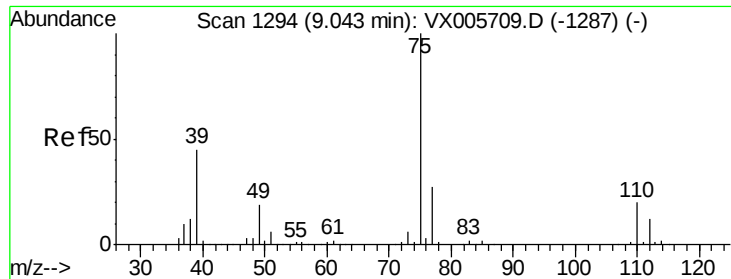
91 175.9 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





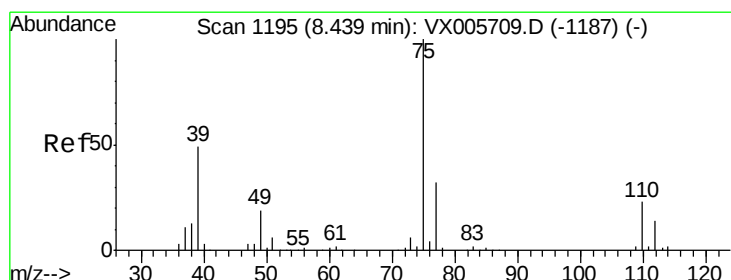
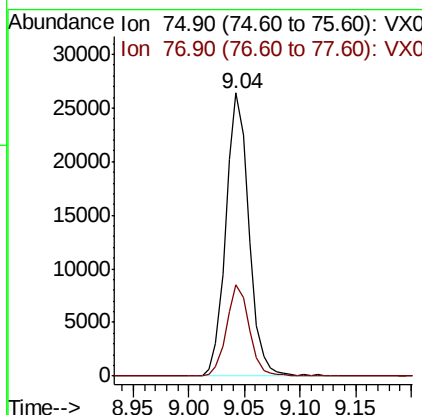
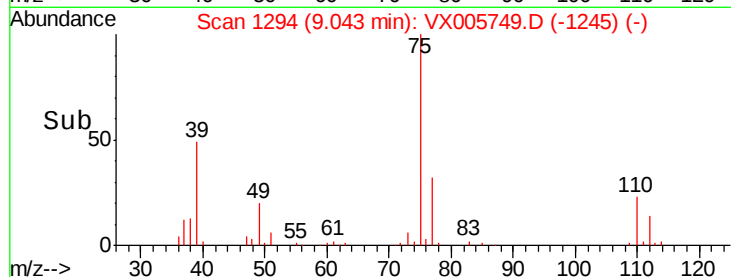
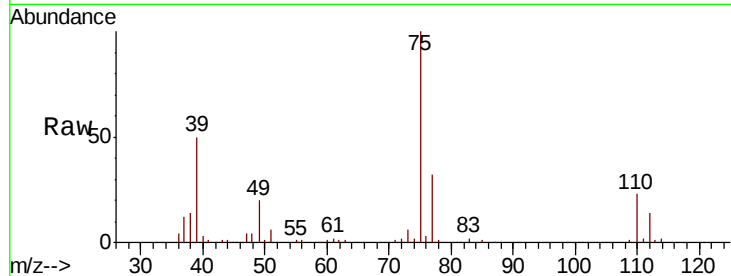
#53
t-1,3-Dichloropropene
Concen: 18.534 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX005749.D
Acq: 02 Nov 2018 12:00

Instrument :
MSVOA_X
ClientSampleId :
VX1102WBSD01

Tot Ion: 75 Resp: 37897
Ion Ratio Lower Upper
75 100
77 32.3 25.4 38.2

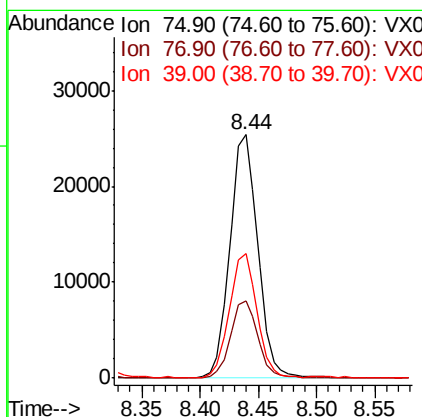
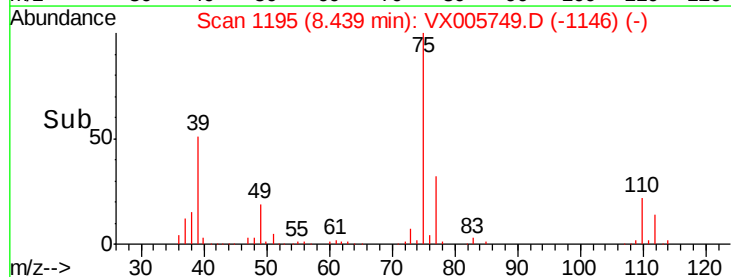
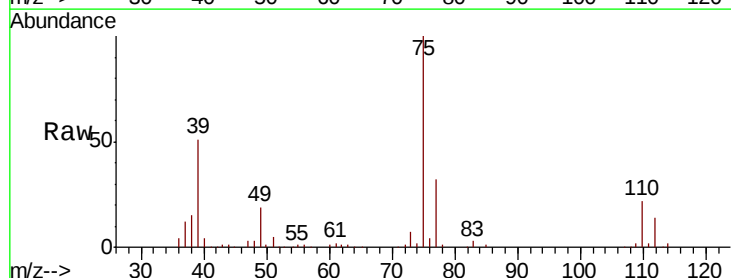
Manual Integrations
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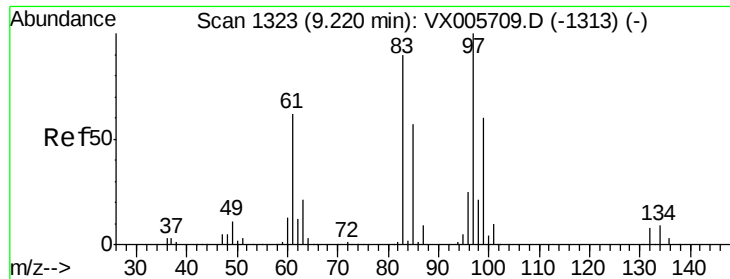
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11/5/2018 3:09:38 PM



#54
cis-1,3-Dichloropropene
Concen: 19.406 ug/l
RT: 8.44 min Scan# 1195
Delta R.T. -0.00 min
Lab File: VX005749.D
Acq: 02 Nov 2018 12:00

Tgt Ion: 75 Resp: 42513
Ion Ratio Lower Upper
75 100
77 31.6 25.2 37.8
39 51.2 38.2 57.2





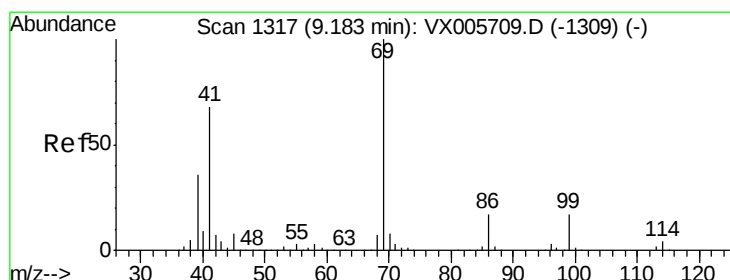
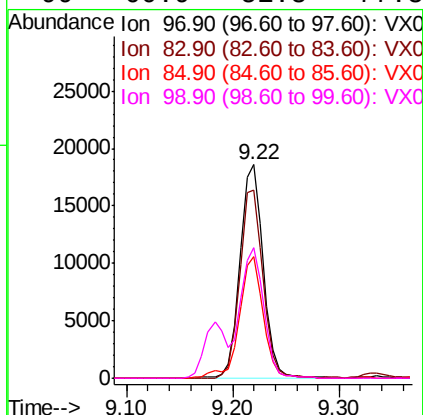
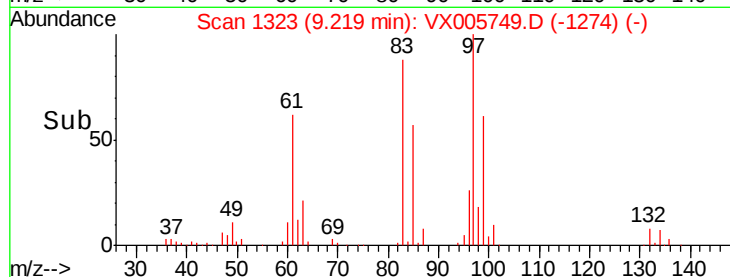
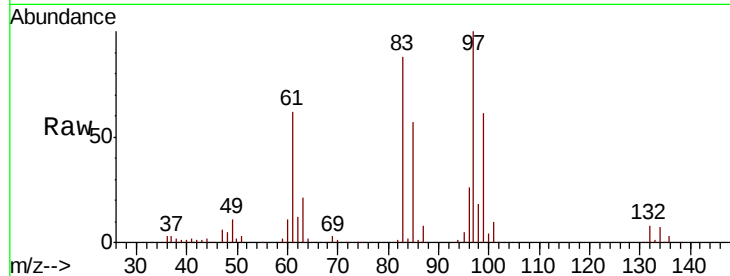
#55
 1,1,2-Trichloroethane
 Concen: 19.770 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: VX005749.D
 Acq: 02 Nov 2018 12:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1102WBSD01

Tot Ion:	97	Resp:	28523
Ion	Ratio	Lower	Upper
97	100		
83	88.0	70.7	106.1
85	56.9	45.8	68.6
99	60.9	51.8	77.8

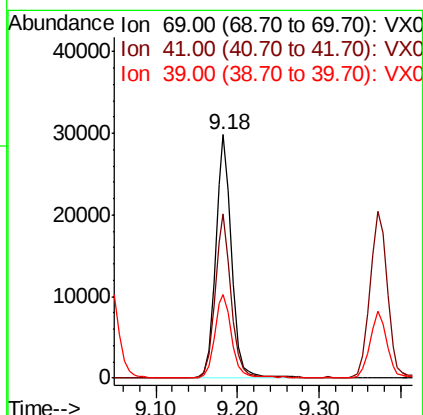
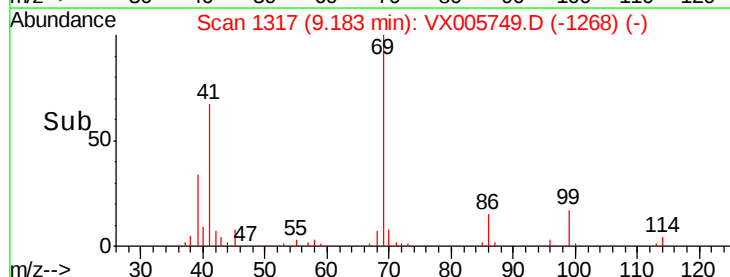
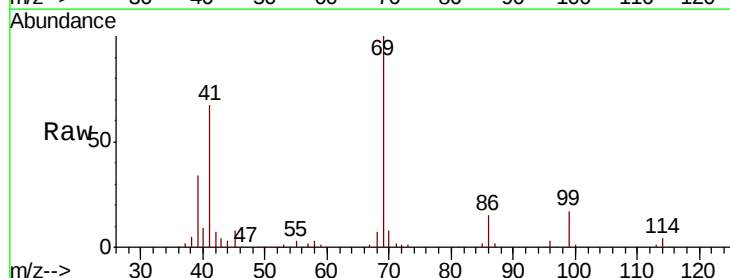
Manual Integrations
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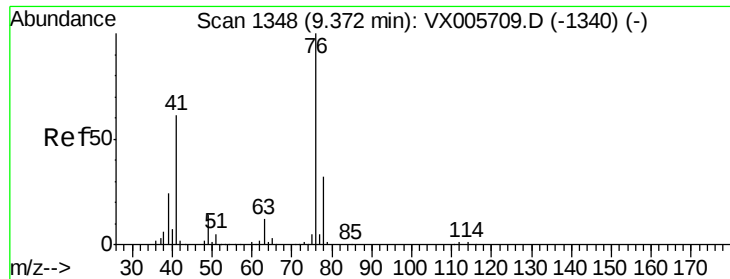
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#56
 Ethyl methacrylate
 Concen: 18.470 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX005749.D
 Acq: 02 Nov 2018 12:00

Tgt Ion:	69	Resp:	41218
Ion	Ratio	Lower	Upper
69	100		
41	69.1	57.0	85.6
39	37.1	28.3	42.5





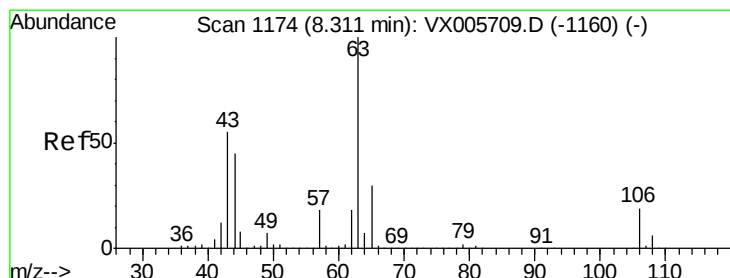
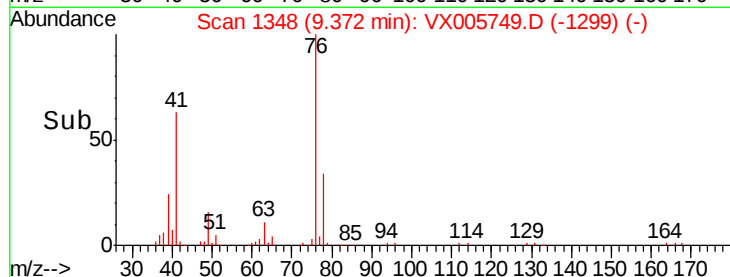
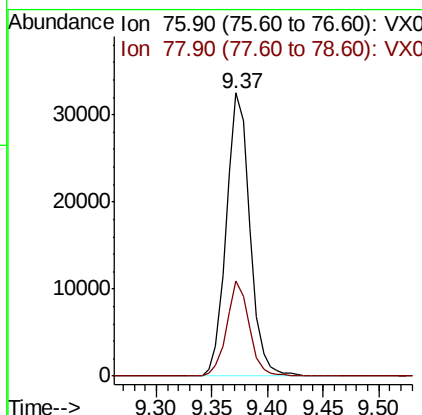
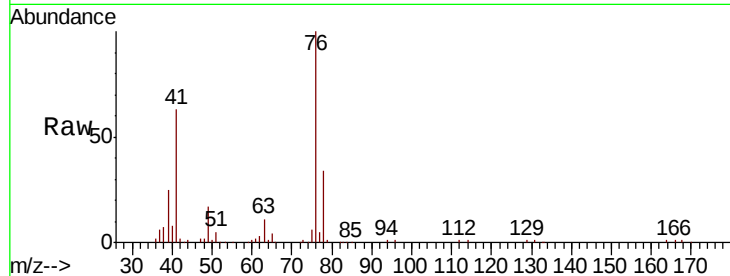
#57
 1,3-Dichloropropane
 Concen: 19.243 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX005749.D
 Acq: 02 Nov 2018 12:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1102WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.2	25.3	37.9

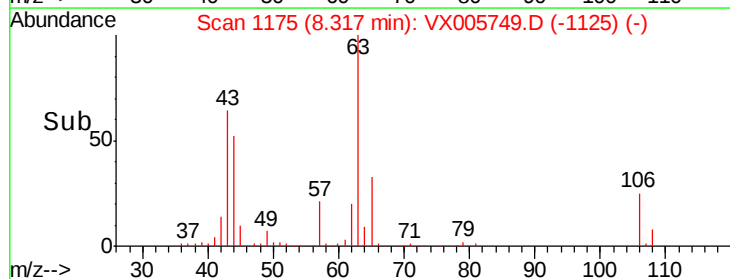
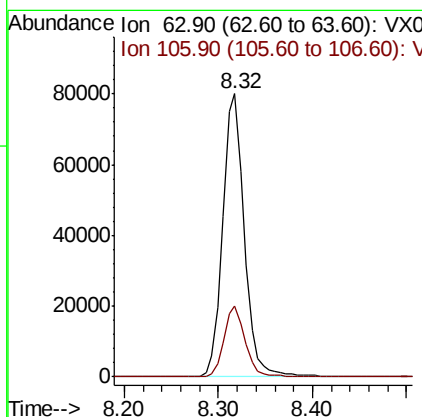
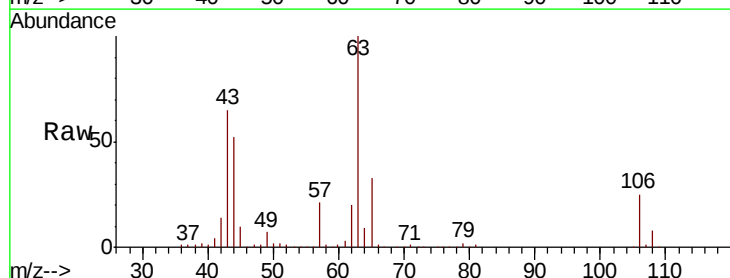
Manual Integrations
 APPROVED

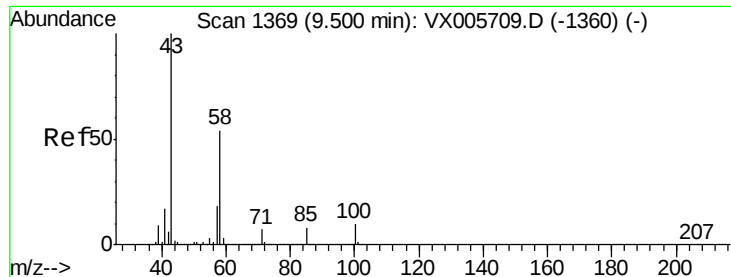
MMDadoda
 11/5/2018 3:09:38 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 97.954 ug/l
 RT: 8.32 min Scan# 1175
 Delta R.T. 0.01 min
 Lab File: VX005749.D
 Acq: 02 Nov 2018 12:00

Tgt Ion	Ratio	Lower	Upper
63	100		
106	24.6	21.3	31.9





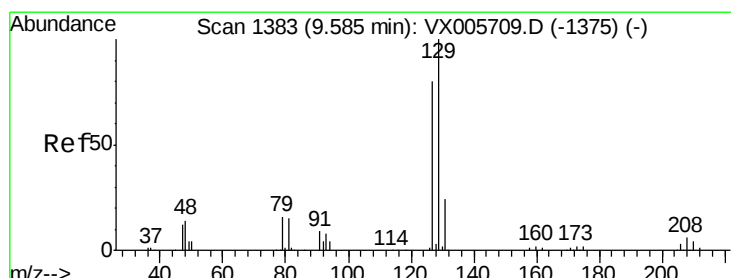
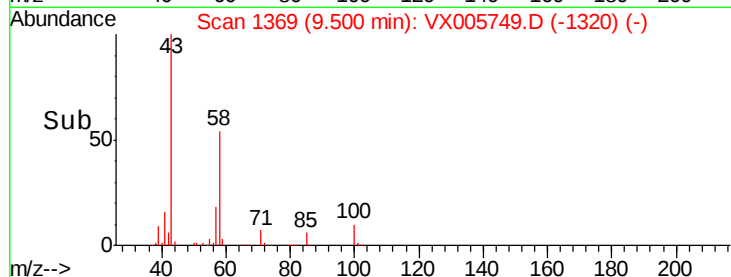
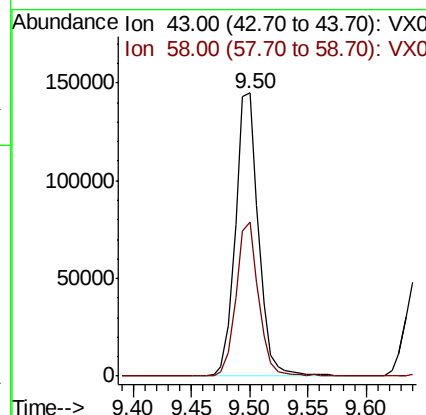
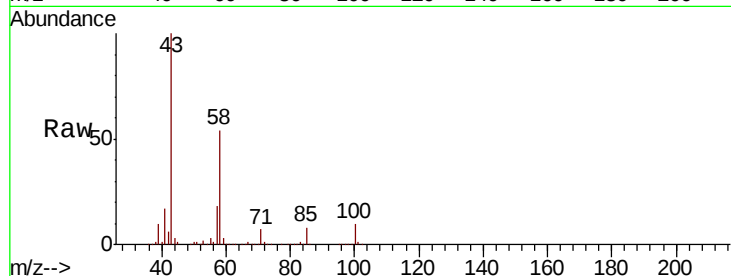
#59
2-Hexanone
Concen: 94.549 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX005749.D
Acq: 02 Nov 2018 12:00

Instrument :
MSVOA_X
ClientSampleId :
VX1102WBSD01

Tot Ion: 43 Resp: 200565
Ion Ratio Lower Upper
43 100
58 53.2 25.9 77.8

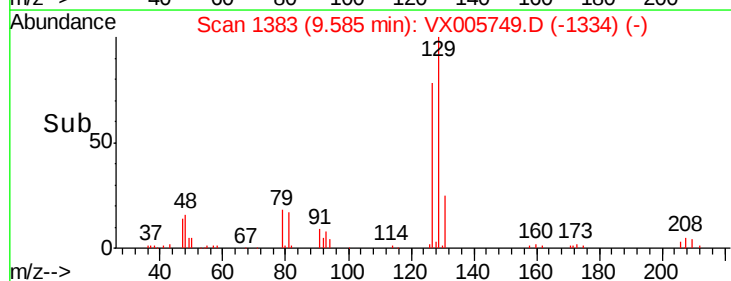
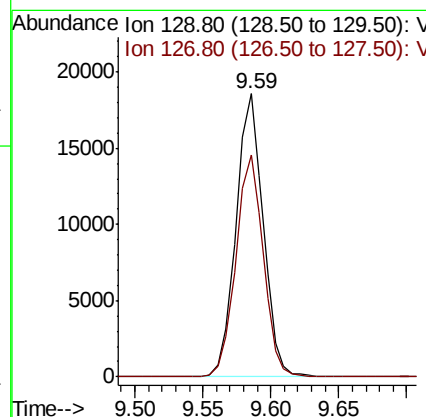
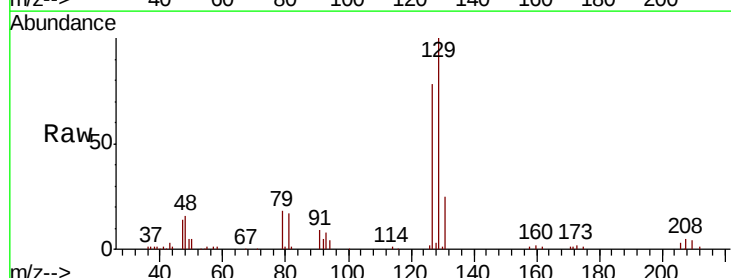
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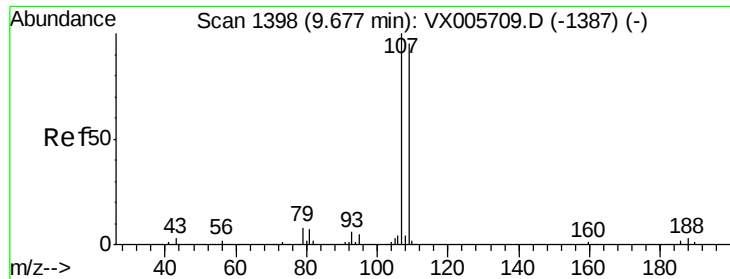
MMDadoda
11/5/2018 3:09:38 PM



#60
Dibromochloromethane
Concen: 18.506 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005749.D
Acq: 02 Nov 2018 12:00

Tgt Ion: 129 Resp: 25800
Ion Ratio Lower Upper
129 100
127 78.9 38.9 116.7





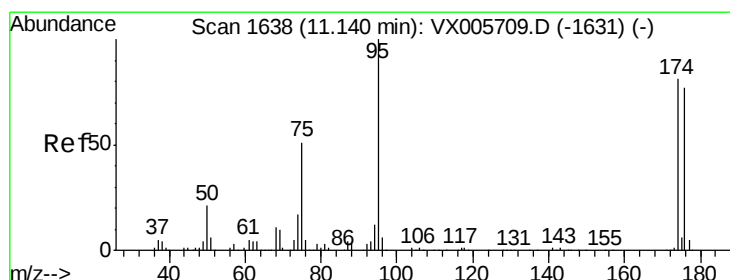
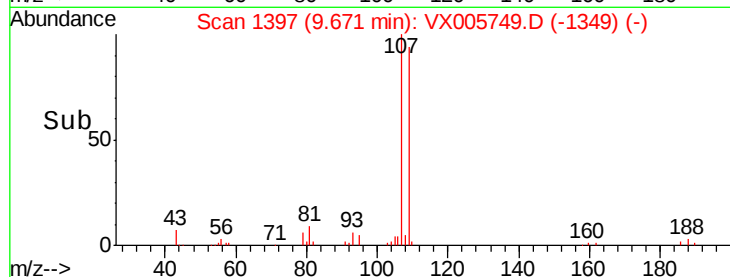
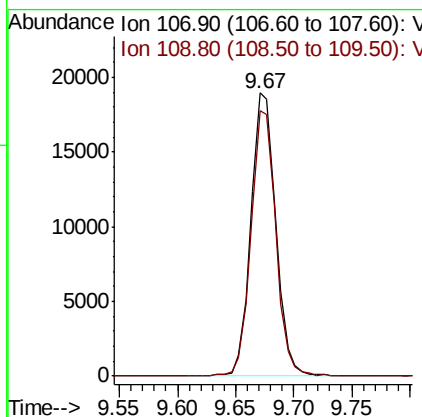
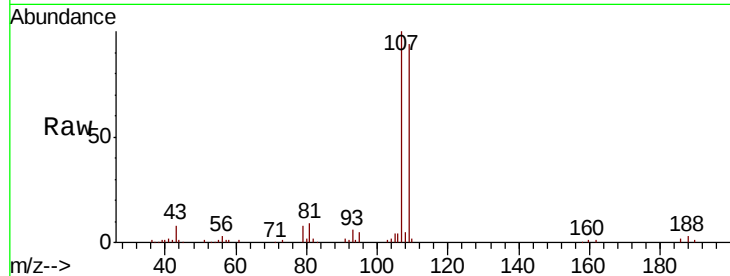
#61
 1,2-Dibromoethane
 Concen: 19.285 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.01 min
 Lab File: VX005749.D
 Acq: 02 Nov 2018 12:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1102WBSD01

Tot Ion:107 Resp: 28351
 Ion Ratio Lower Upper
 107 100
 109 93.5 75.7 113.5

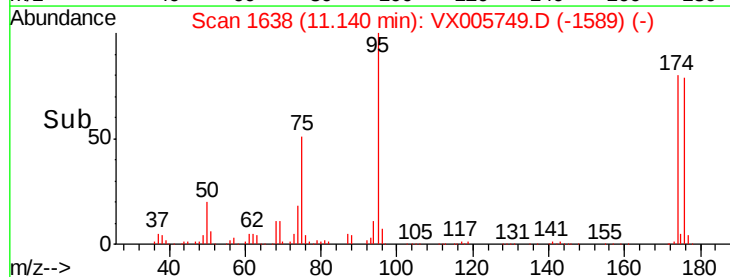
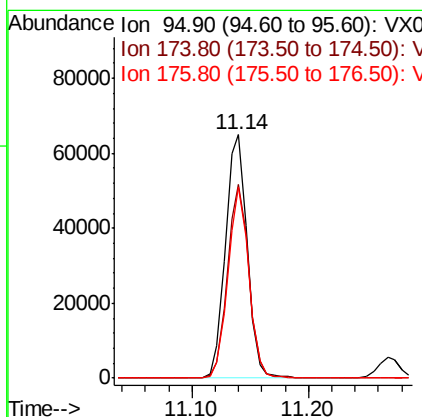
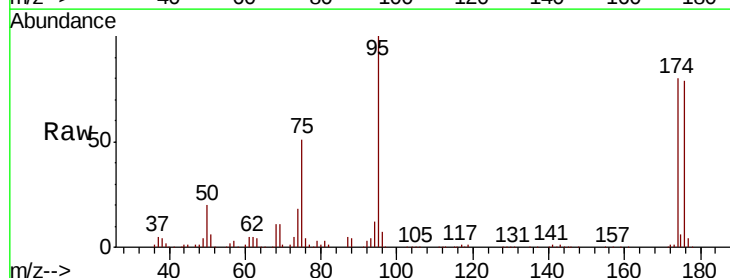
Manual Integrations
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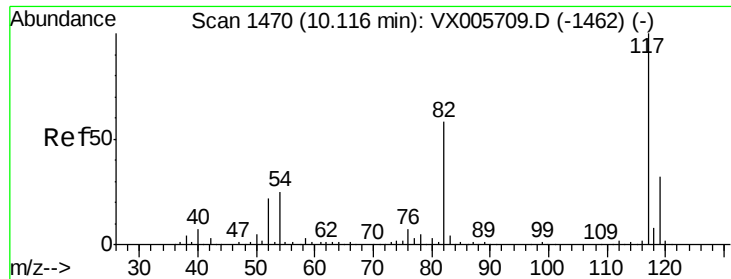
MMDadoda
 11/5/2018 3:09:38 PM



#62
 4-Bromofluorobenzene
 Concen: 48.272 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. -0.00 min
 Lab File: VX005749.D
 Acq: 02 Nov 2018 12:00

Tgt Ion: 95 Resp: 83836
 Ion Ratio Lower Upper
 95 100
 174 78.6 0.0 184.4
 176 75.9 0.0 177.4





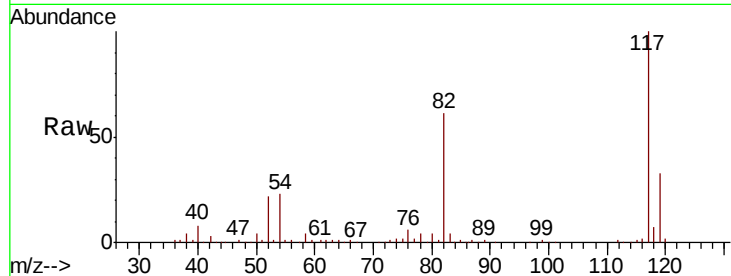
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005749.D
Acq: 02 Nov 2018 12:00

Instrument :
MSVOA_X
ClientSampleId :
VX1102WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	61.0	44.1	66.1
119	33.3	26.2	39.2

Manual Integrations
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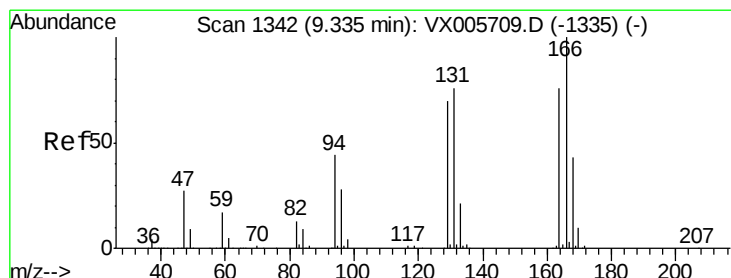
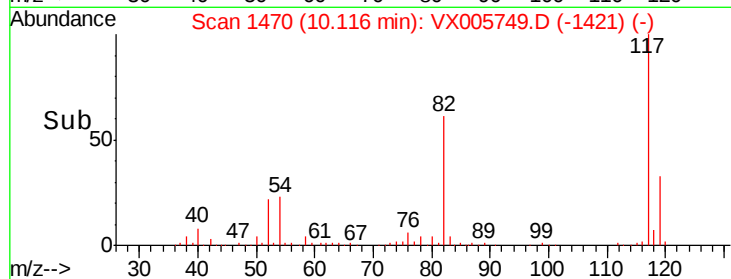
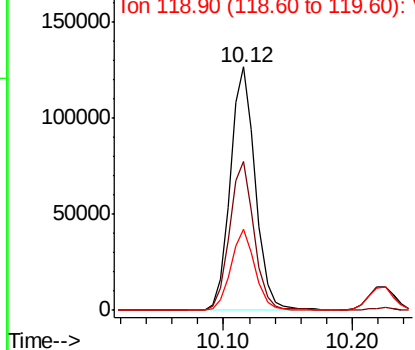


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 19.745 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005749.D
Acq: 02 Nov 2018 12:00

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.0	101.9	152.9
129	100.6	72.6	109.0
131	92.8	71.1	106.7

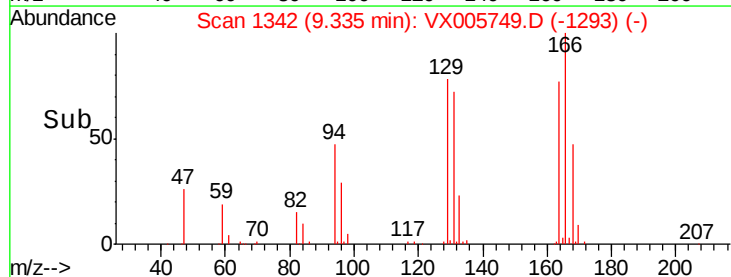
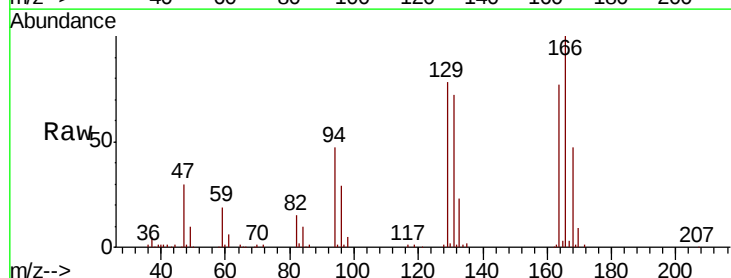
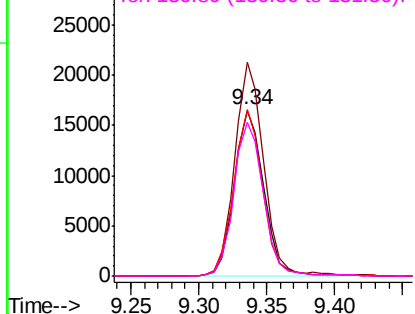
Abundance

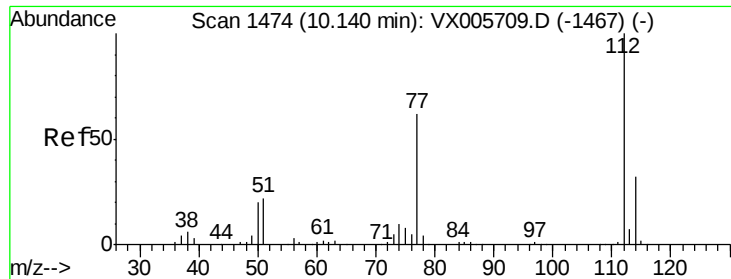
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





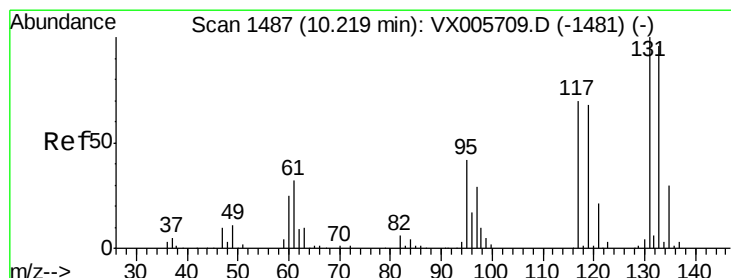
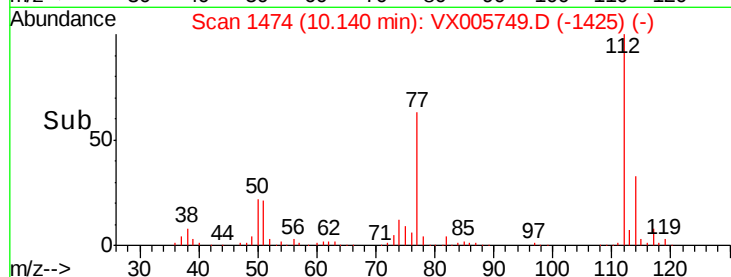
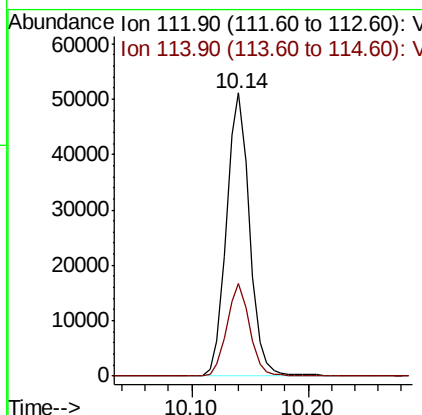
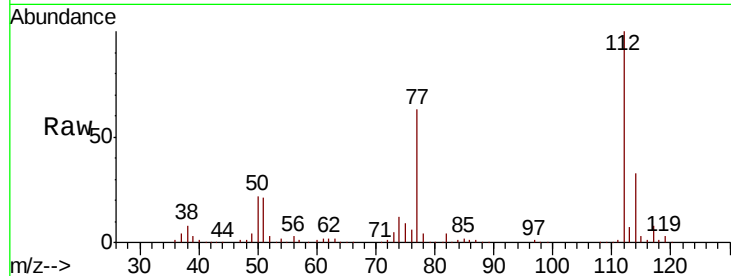
#65
Chlorobenzene
Concen: 19.286 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX005749.D
Acq: 02 Nov 2018 12:00

Instrument :
MSVOA_X
ClientSampleId :
VX1102WBSD01

Tot Ion:112 Resp: 70508
Ion Ratio Lower Upper
112 100
114 32.5 25.8 38.6

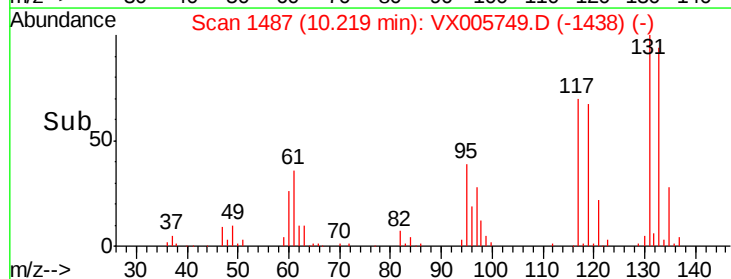
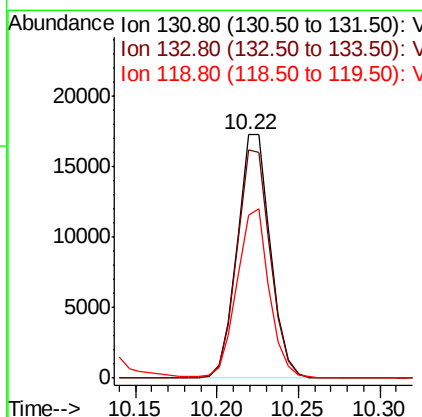
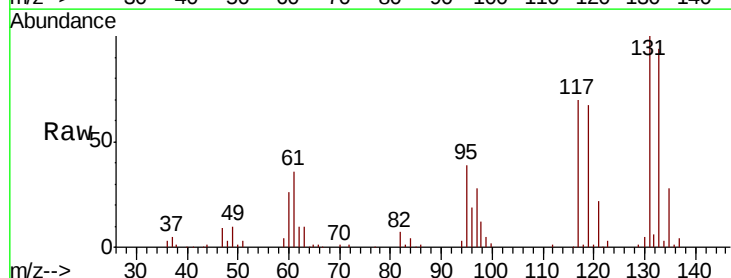
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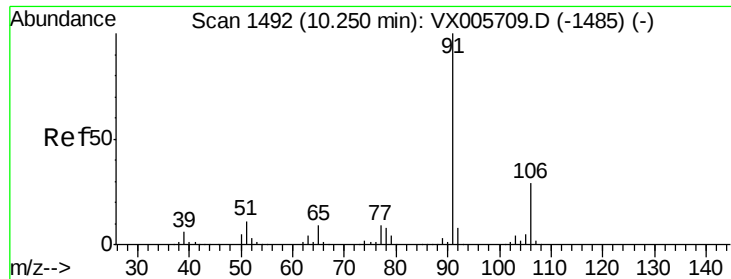
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.487 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX005749.D
Acq: 02 Nov 2018 12:00

Tgt Ion:131 Resp: 24389
Ion Ratio Lower Upper
131 100
133 94.4 47.5 142.5
119 68.1 31.8 95.3





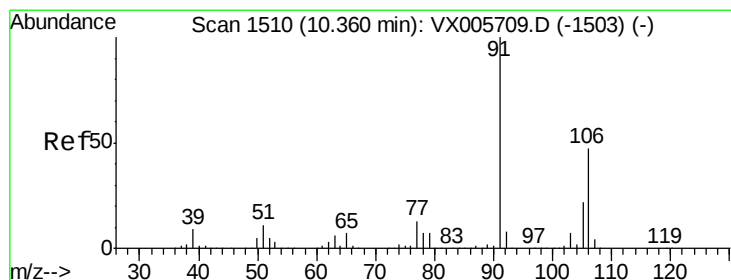
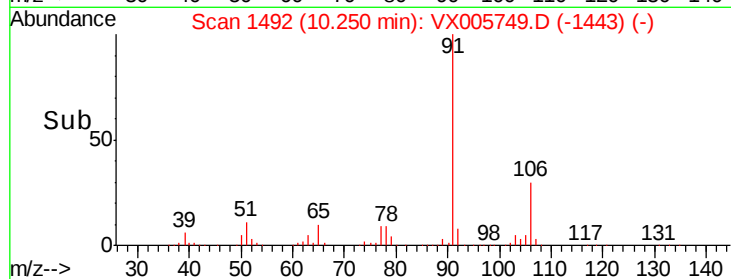
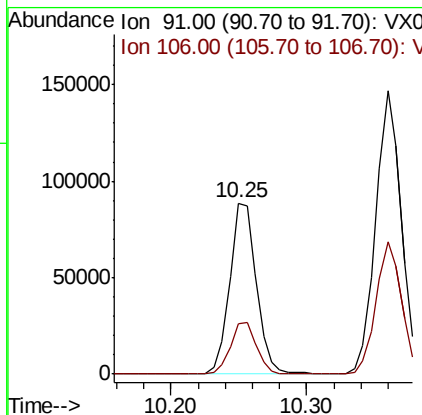
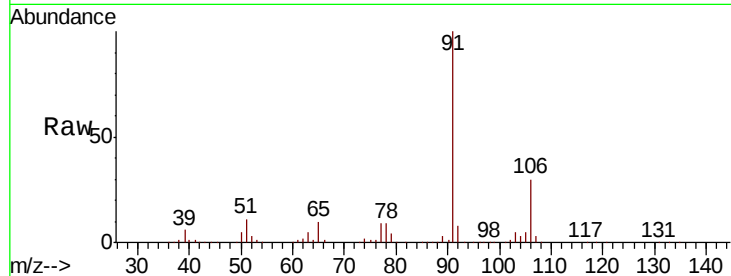
#67
Ethyl Benzene
Concen: 19.347 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX005749.D
Acq: 02 Nov 2018 12:00

Instrument :
MSVOA_X
ClientSampleId :
VX1102WBSD01

Tot Ion: 91 Resp: 120715
Ion Ratio Lower Upper
91 100
106 29.8 24.4 36.6

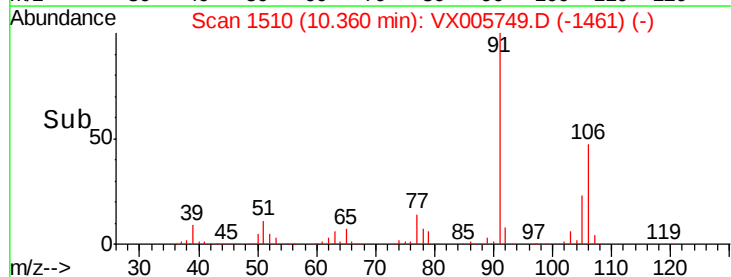
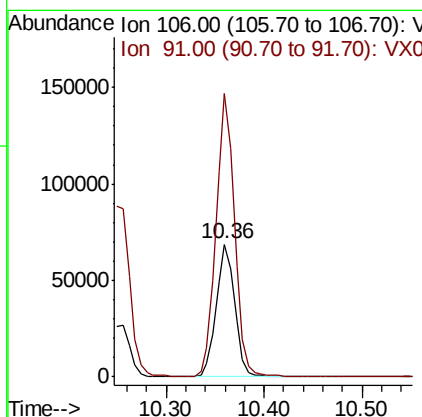
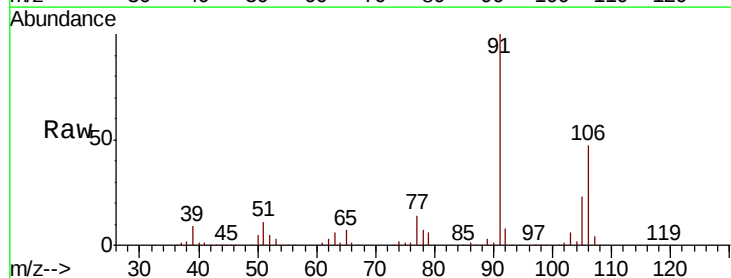
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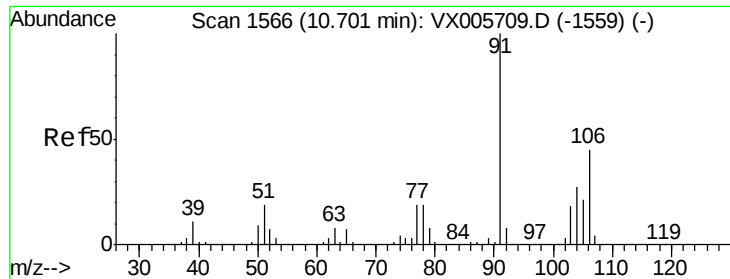
MMDadoda
11/5/2018 3:09:38 PM



#68
m/p-Xylenes
Concen: 39.225 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX005749.D
Acq: 02 Nov 2018 12:00

Tgt Ion: 106 Resp: 90943
Ion Ratio Lower Upper
106 100
91 212.0 164.2 246.4





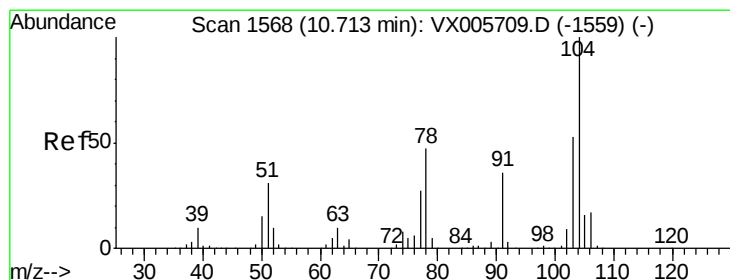
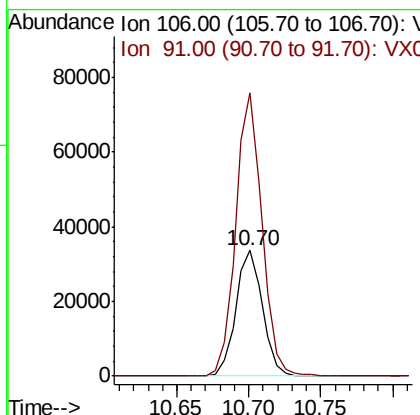
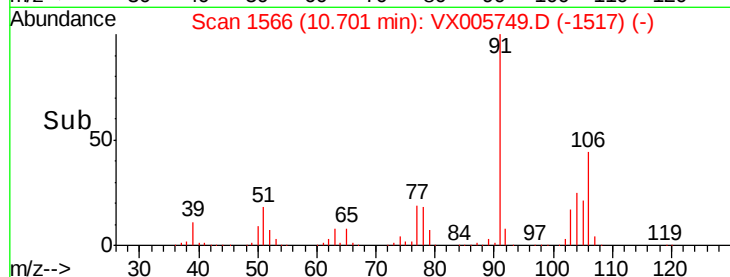
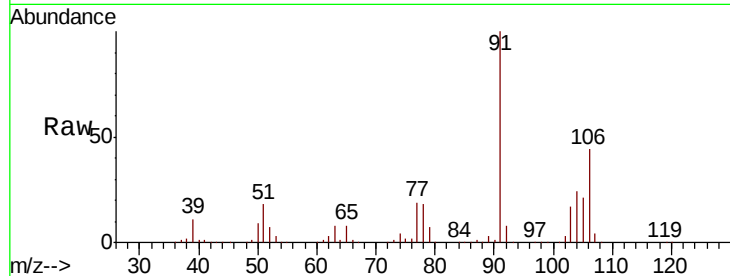
#69
o-Xylene
Concen: 19.663 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005749.D
Acq: 02 Nov 2018 12:00

Instrument :
MSVOA_X
ClientSampleId :
VX1102WBSD01

Tot Ion:106 Resp: 43602
Ion Ratio Lower Upper
106 100
91 222.1 108.5 325.5

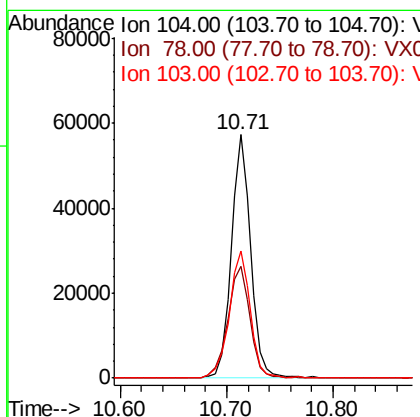
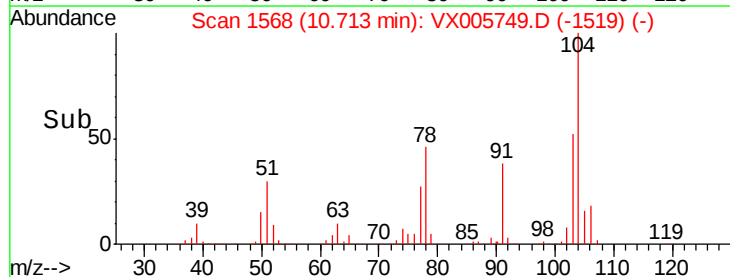
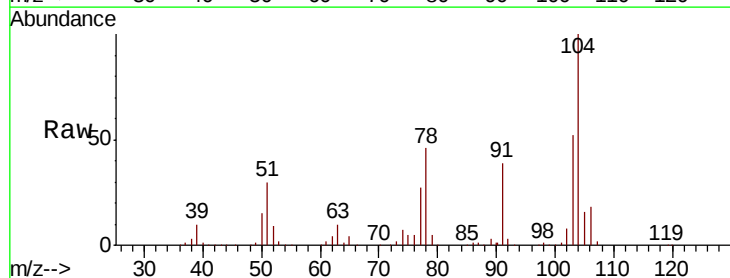
Manual Integrations
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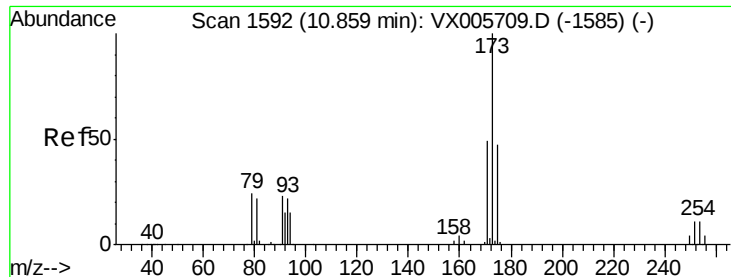
MMDadoda
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#70
Styrene
Concen: 19.895 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005749.D
Acq: 02 Nov 2018 12:00

Tgt Ion:104 Resp: 73274
Ion Ratio Lower Upper
104 100
78 52.7 40.2 60.4
103 56.8 44.9 67.3





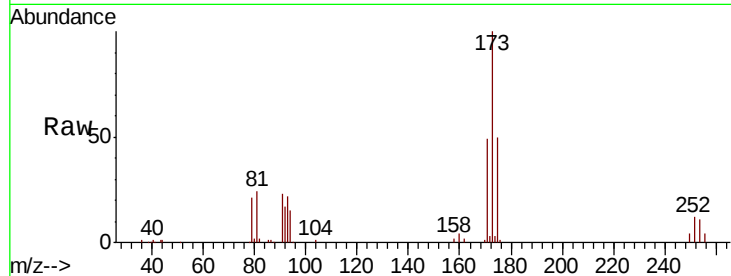
#71
Bromoform
Concen: 19.126 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VX005749.D
Acq: 02 Nov 2018 12:00

Instrument :
MSVOA_X
ClientSampleId :
VX1102WBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.9	24.8	74.3
254	0.0	0.2	0.2

Manual Integrations
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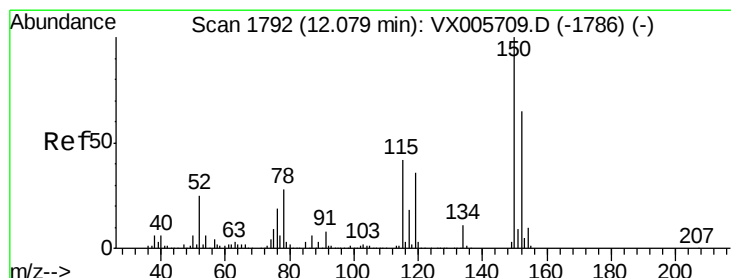
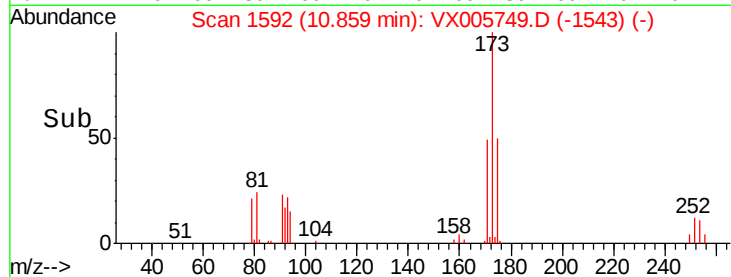
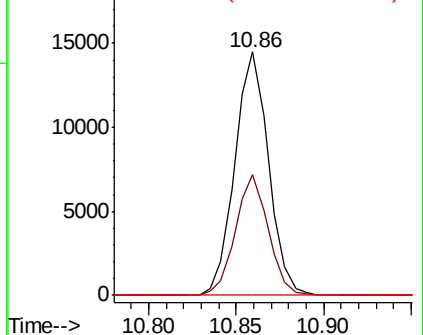


Abundance

Ion 172.70 (172.40 to 173.40): V

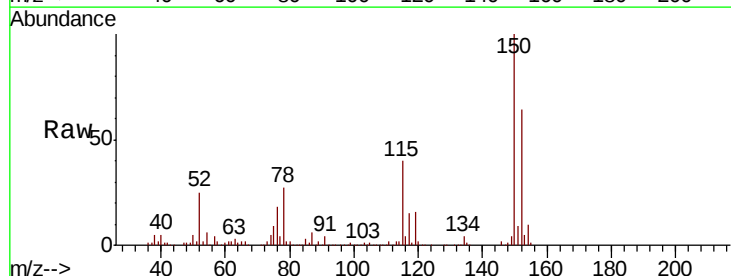
Ion 174.70 (174.40 to 175.40): V

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: VX005749.D
Acq: 02 Nov 2018 12:00

Tgt Ion	Ratio	Lower	Upper
152	100		
115	69.2	39.4	118.1
150	163.4	0.0	346.4

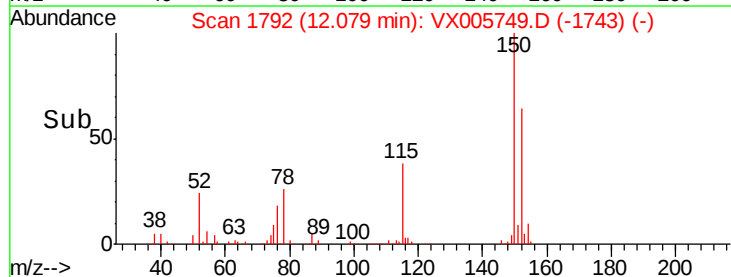
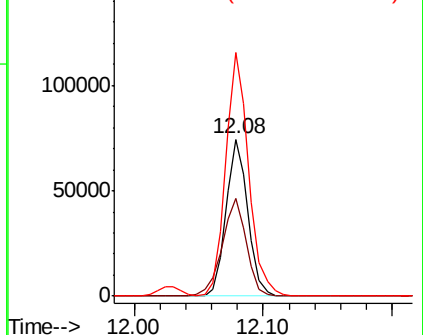


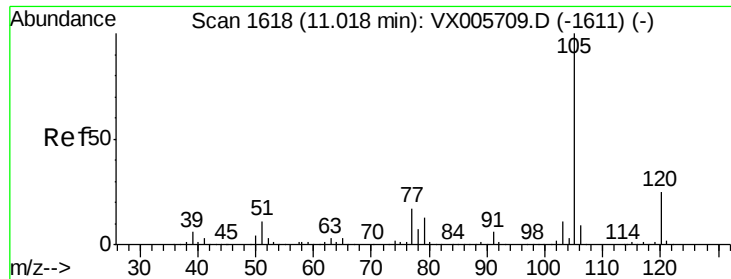
Abundance

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





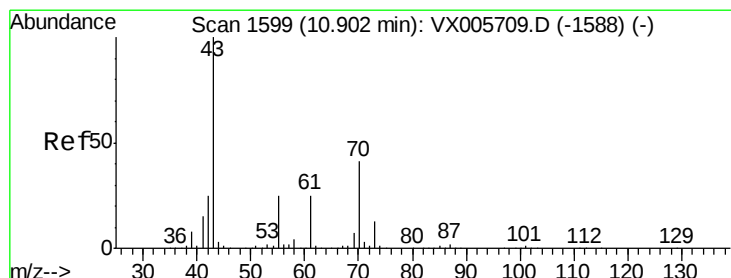
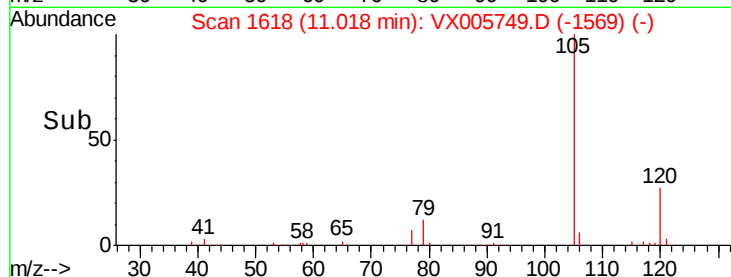
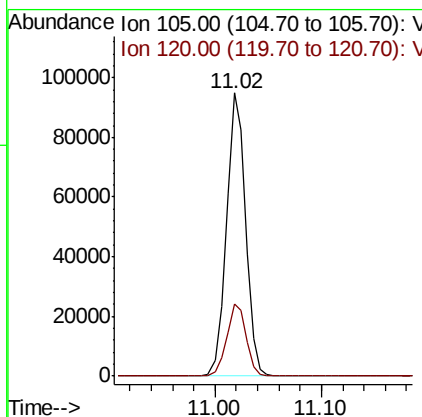
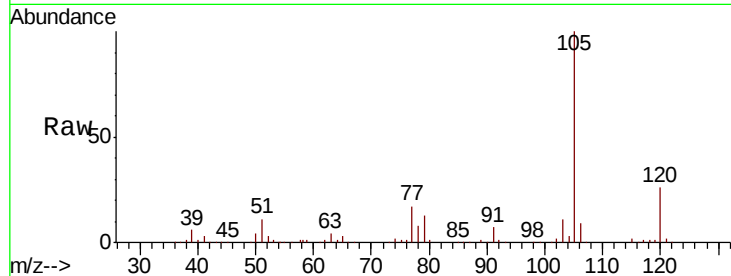
#73
Isopropylbenzene
Concen: 20.393 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX005749.D
Acq: 02 Nov 2018 12:00

Instrument :
MSVOA_X
ClientSampleID :
VX1102WBSD01

Tot Ion	Ratio	Lower	Upper
105	100		
120	25.9	13.1	39.3

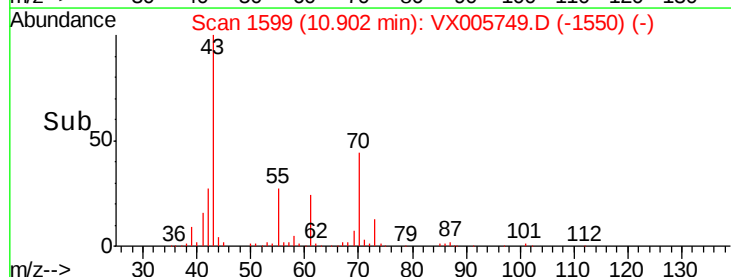
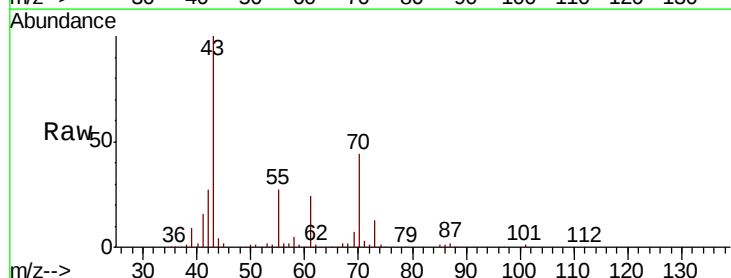
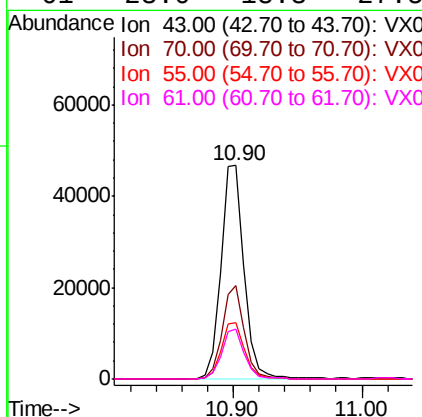
Manual Integrations
APPROVED

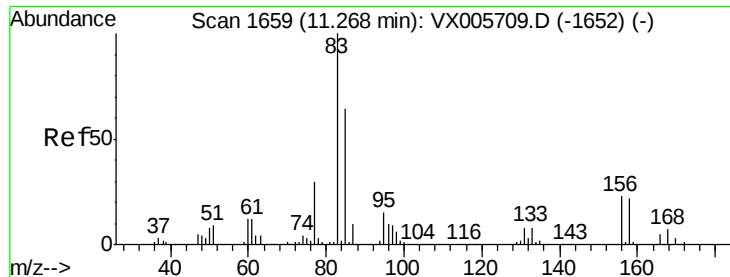
MMDadoda
11/5/2018 3:09:38 PM



#74
N-ethyl acetate
Concen: 19.092 ug/l
RT: 10.90 min Scan# 1599
Delta R.T. -0.00 min
Lab File: VX005749.D
Acq: 02 Nov 2018 12:00

Tgt Ion	Ratio	Lower	Upper
43	100		
70	41.3	31.6	47.4
55	27.0	19.7	29.5
61	23.0	18.3	27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 19.883 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX005749.D

Acq: 02 Nov 2018 12:00

Instrument :

MSVOA_X

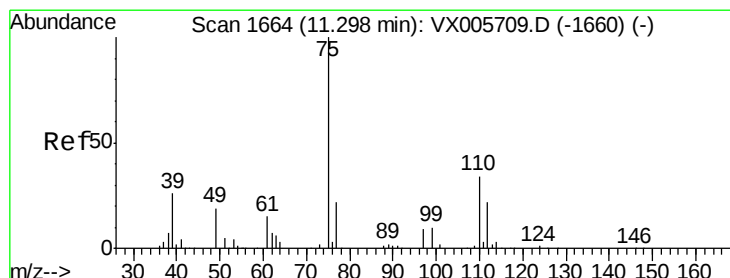
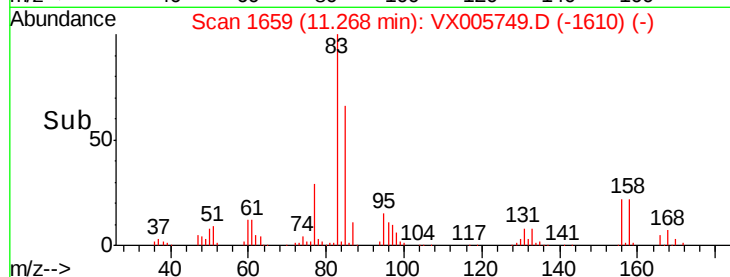
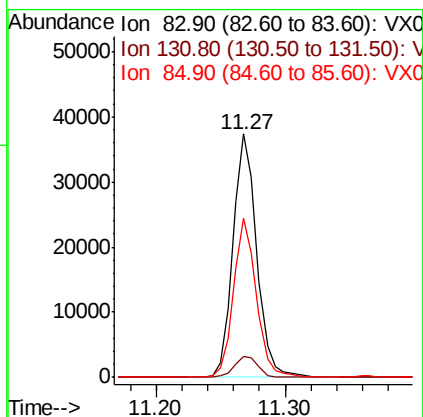
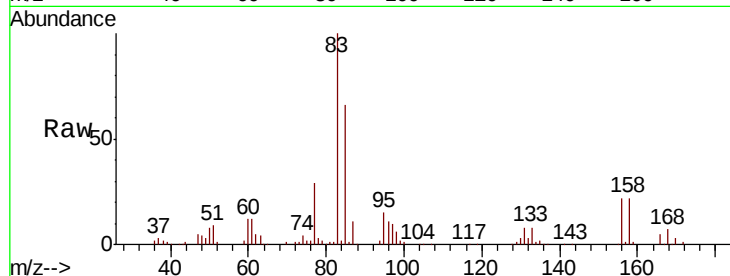
ClientSampleId :

VX1102WBSD01

Tot Ion:	83	Resp:	48168
Ion Ratio	Lower	Upper	
83	100		
131	8.6	5.3	15.9
85	63.4	32.0	96.2

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 20.051 ug/l m

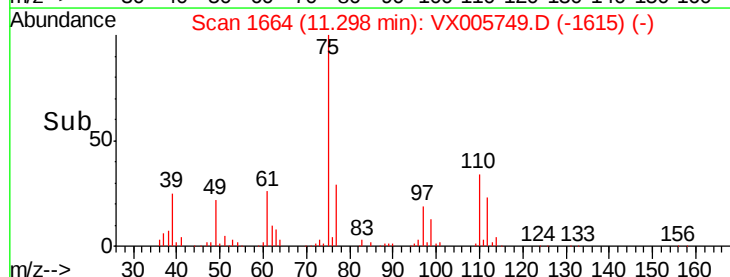
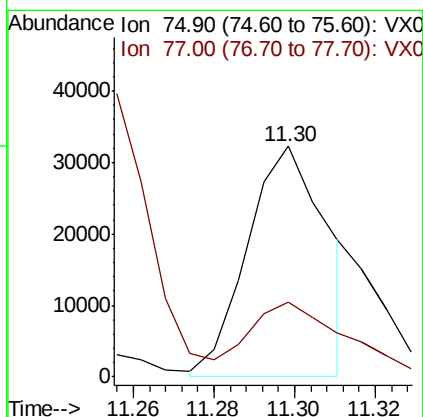
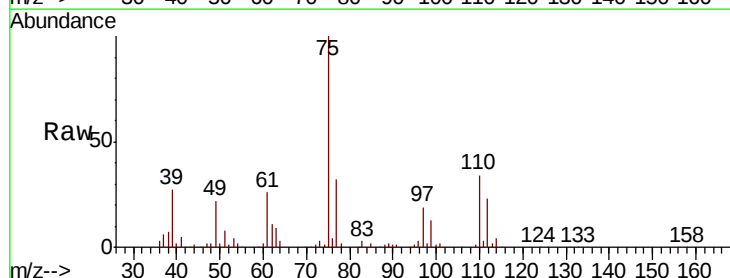
RT: 11.30 min Scan# 1664

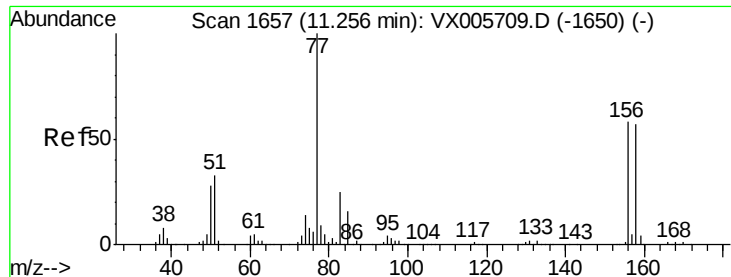
Delta R.T. 0.00 min

Lab File: VX005749.D

Acq: 02 Nov 2018 12:00

Tgt Ion:	75	Resp:	44201
Ion Ratio	Lower	Upper	
75	100		
77	39.1	20.5	61.6





#77

Bromobenzene

Concen: 19.826 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005749.D

Acq: 02 Nov 2018 12:00

Instrument :

MSVOA_X

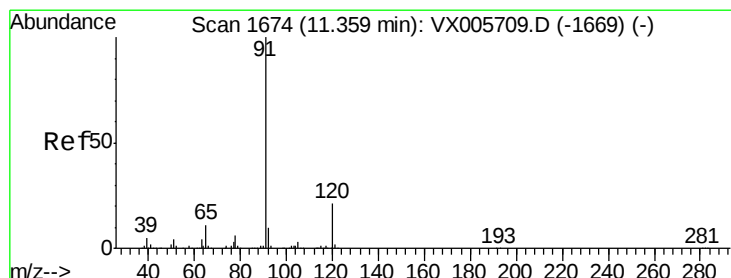
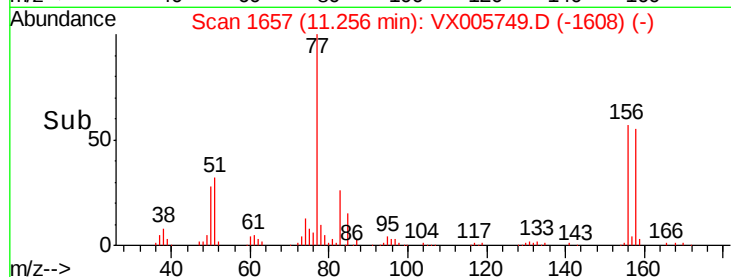
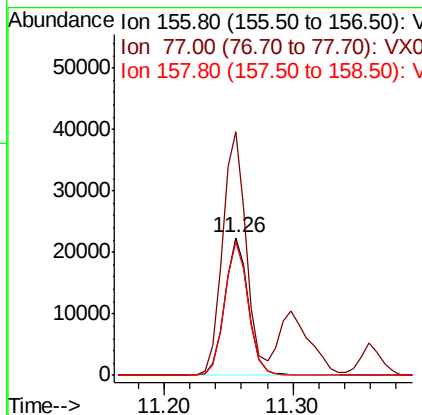
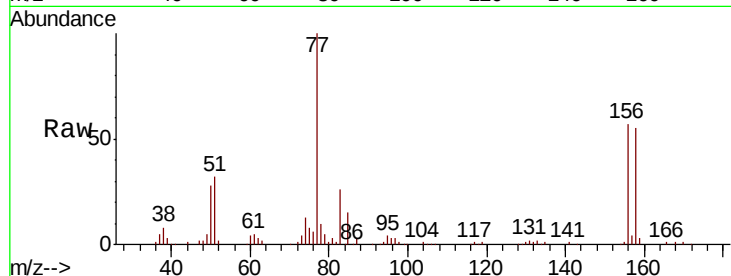
ClientSampleId :

VX1102WBSD01

Tot Ion:	156	Resp:	28719
Ion	Ratio	Lower	Upper
156	100		
77	179.1	74.8	224.4
158	97.5	49.1	147.3

Manual Integrations
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#78

n-propylbenzene

Concen: 20.287 ug/l

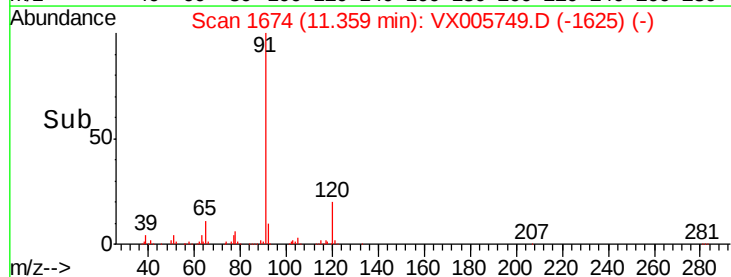
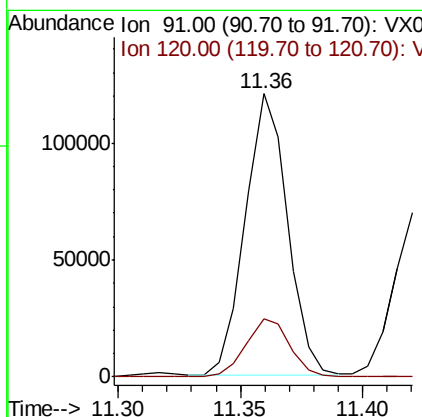
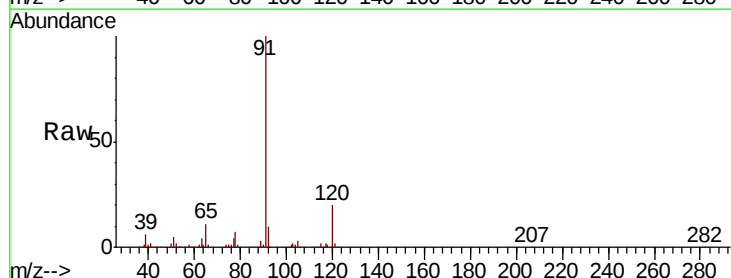
RT: 11.36 min Scan# 1674

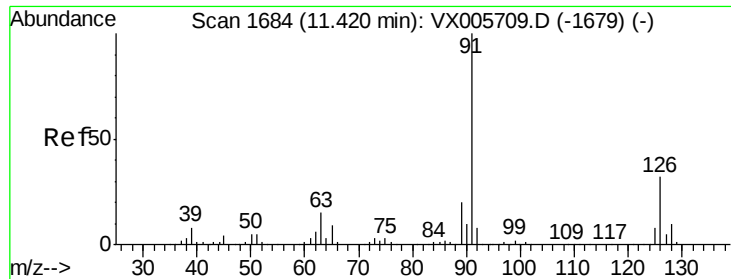
Delta R.T. -0.00 min

Lab File: VX005749.D

Acq: 02 Nov 2018 12:00

Tgt Ion:	91	Resp:	144108
Ion	Ratio	Lower	Upper
91	100		
120	21.5	11.9	35.5





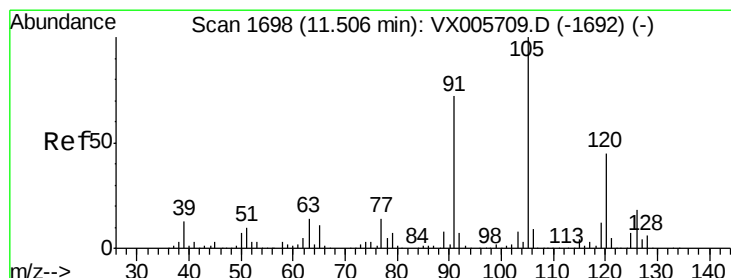
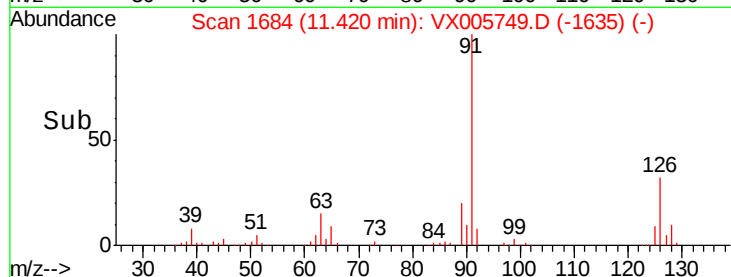
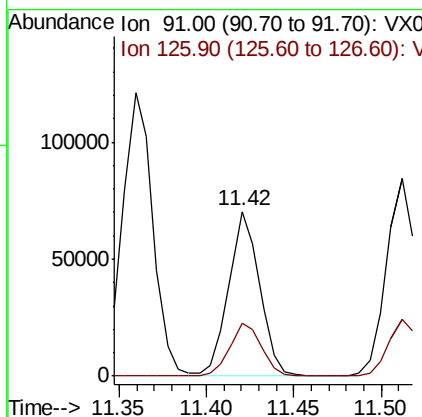
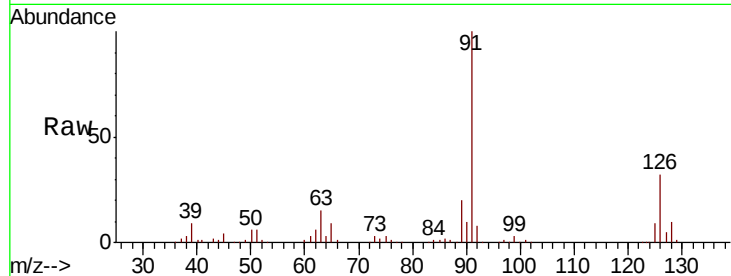
#79
 2-Chlorotoluene
 Concen: 20.266 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX005749.D
 Acq: 02 Nov 2018 12:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1102WBSD01

Tot Ion: 91 Resp: 85981
 Ion Ratio Lower Upper
 91 100
 126 33.5 17.3 52.0

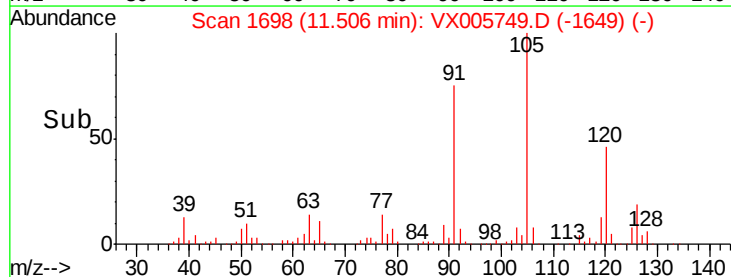
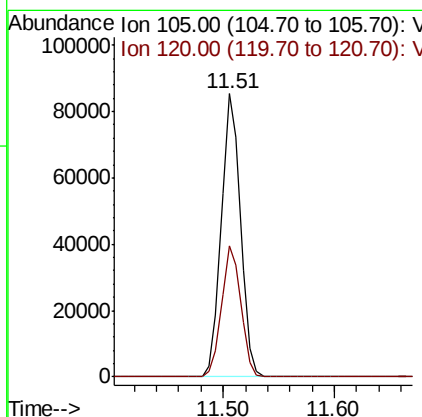
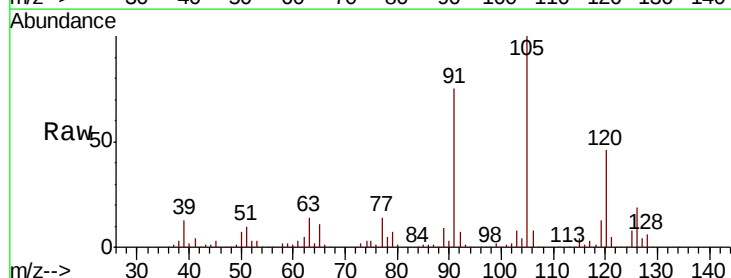
Manual Integrations
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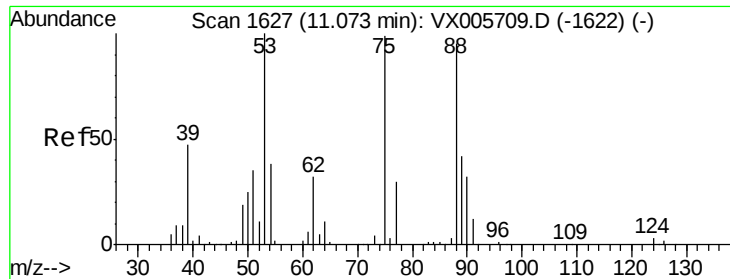
MMDadoda
 11/5/2018 3:09:38 PM



#80
 1,3,5-Trimethylbenzene
 Concen: 20.632 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX005749.D
 Acq: 02 Nov 2018 12:00

Tgt Ion: 105 Resp: 102295
 Ion Ratio Lower Upper
 105 100
 120 46.4 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 18.727 ug/l

RT: 11.08 min Scan# 1628

Delta R.T. 0.01 min

Lab File: VX005749.D

Acq: 02 Nov 2018 12:00

Instrument :

MSVOA_X

ClientSampleId :

VX1102WBSD01

Tot Ion: 75 Resp: 12777

Ion Ratio Lower Upper

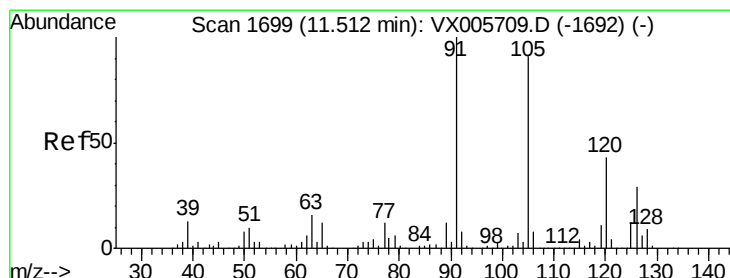
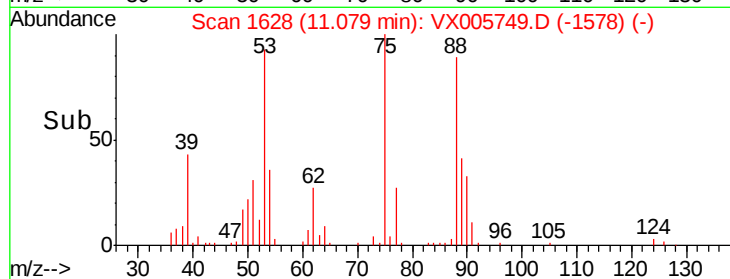
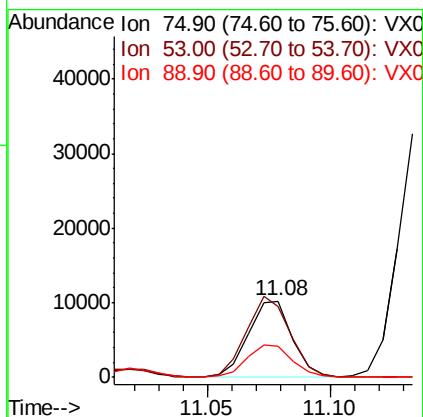
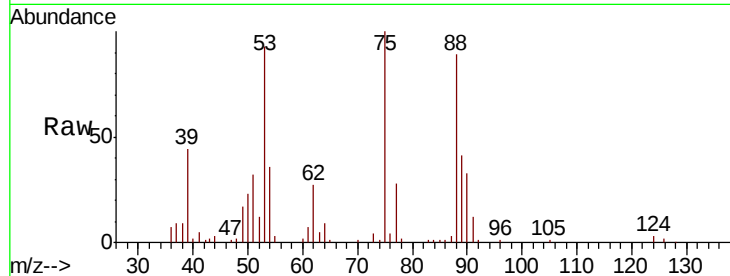
75 100

53 106.3 80.2 120.2

89 44.1 39.8 59.8

Manual Integrations
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#82

4-Chlorotoluene

Concen: 20.172 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX005749.D

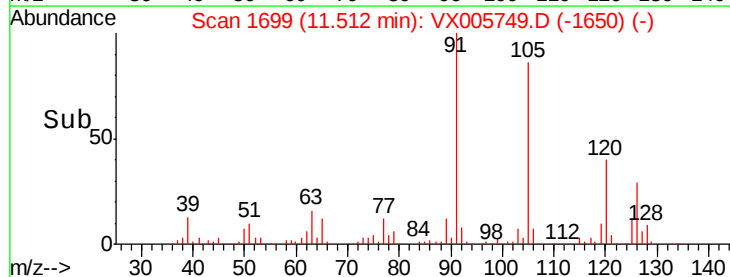
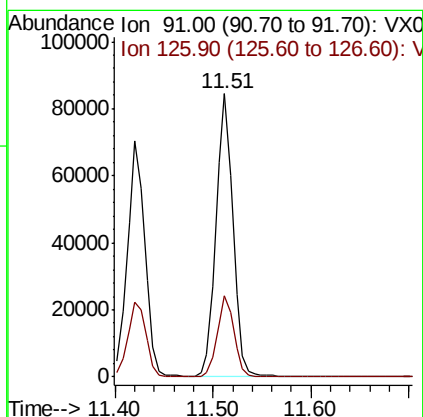
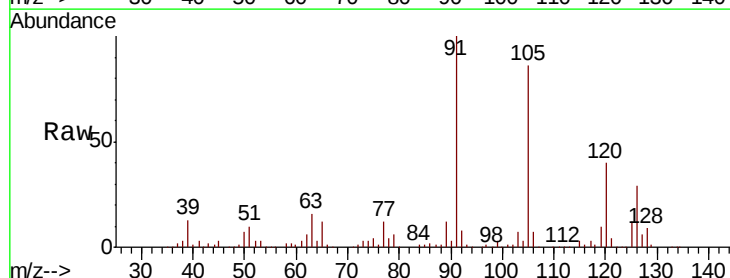
Acq: 02 Nov 2018 12:00

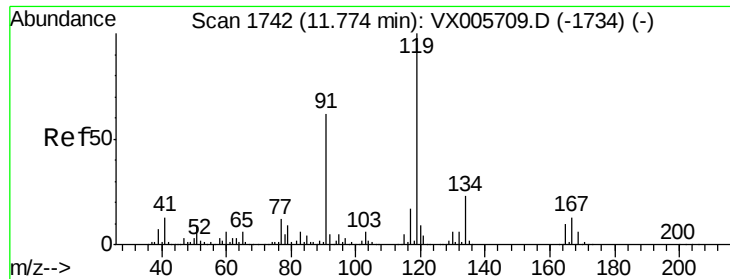
Tgt Ion: 91 Resp: 102175

Ion Ratio Lower Upper

91 100

126 28.3 15.2 45.6





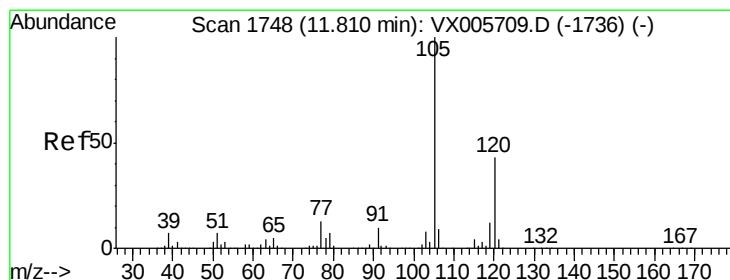
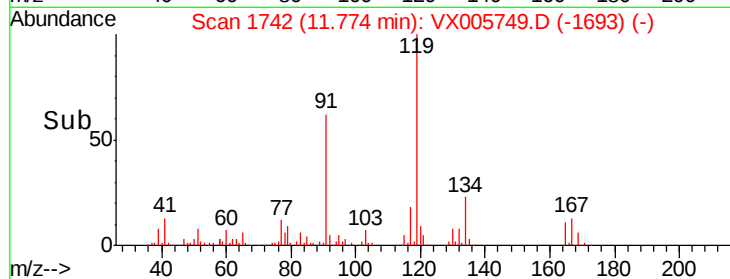
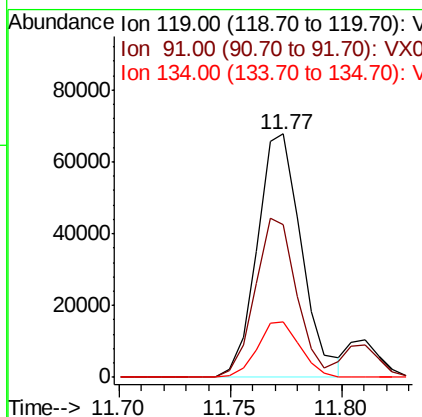
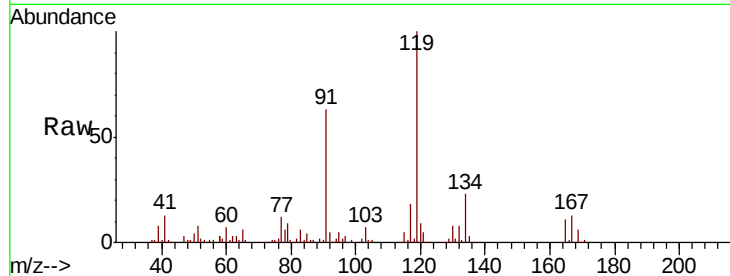
#83
tert-Butylbenzene
Concen: 19.833 ug/l
RT: 11.77 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX005749.D
Acq: 02 Nov 2018 12:00

Instrument :
MSVOA_X
ClientSampleId :
VX1102WBSD01

Tot Ion	Ratio	Lower	Upper
119	100		
91	61.4	28.5	85.5
134	22.2	11.3	33.8

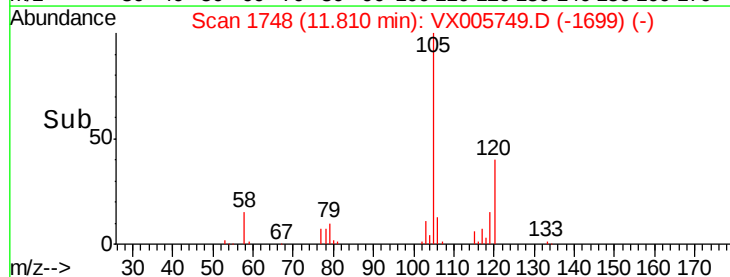
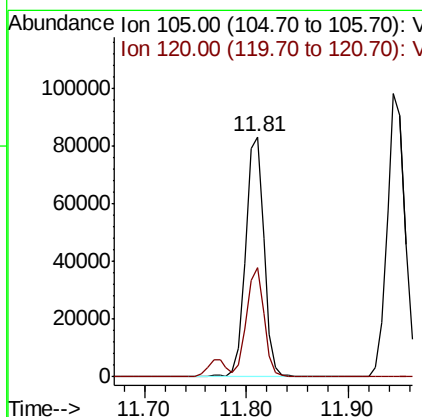
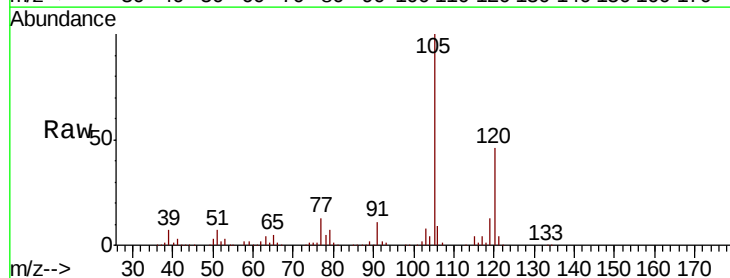
Manual Integrations
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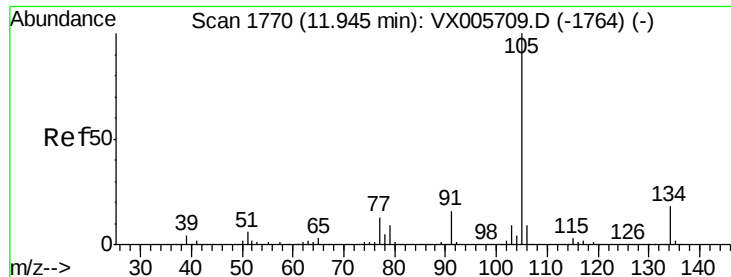
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 20.787 ug/l
RT: 11.81 min Scan# 1748
Delta R.T. -0.00 min
Lab File: VX005749.D
Acq: 02 Nov 2018 12:00

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.6	22.4	67.0





#85

sec-Butylbenzene

Concen: 20.081 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX005749.D

Acq: 02 Nov 2018 12:00

Instrument :

MSVOA_X

ClientSampleId :

VX1102WBSD01

Tot Ion:105 Resp: 121859

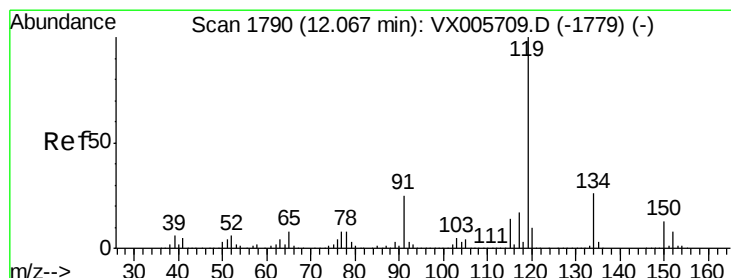
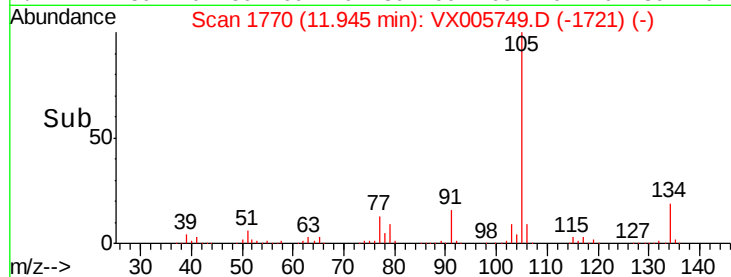
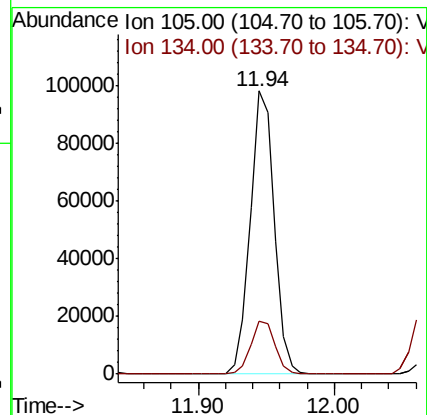
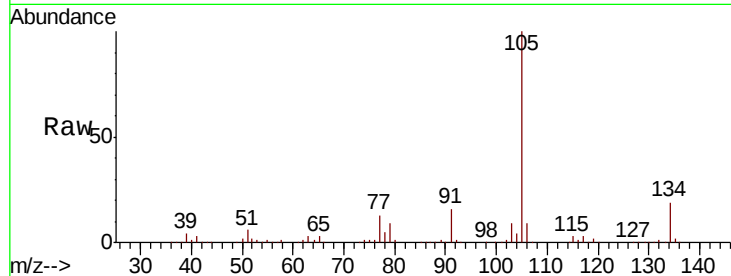
Ion Ratio Lower Upper

105 100

134 18.8 10.2 30.4

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 19.935 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX005749.D

Acq: 02 Nov 2018 12:00

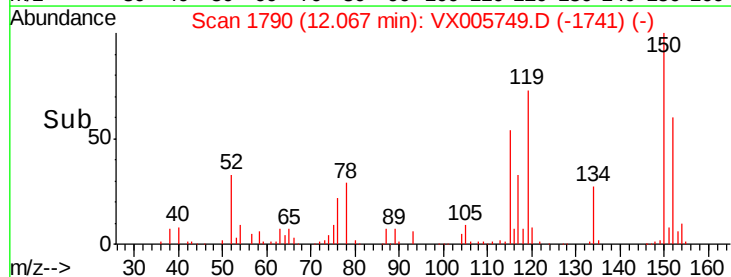
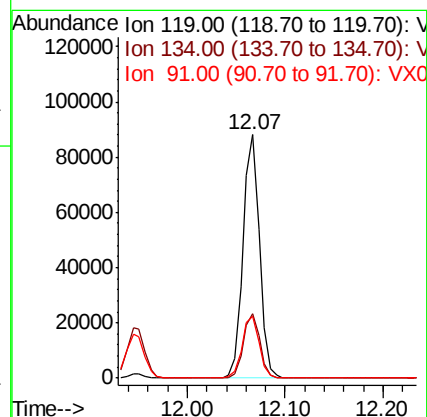
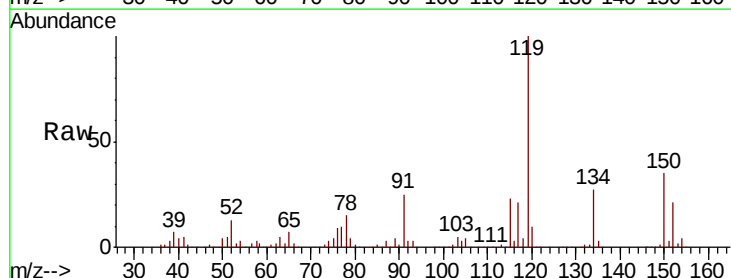
Tgt Ion:119 Resp: 102887

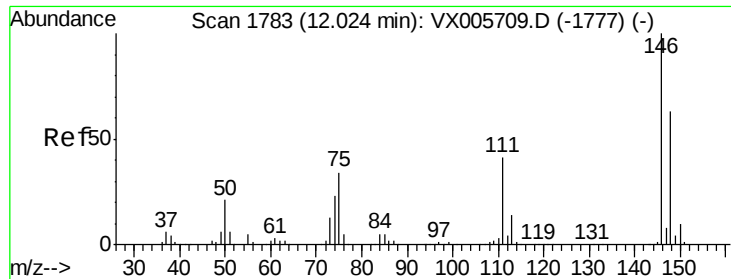
Ion Ratio Lower Upper

119 100

134 26.3 13.0 39.0

91 26.1 11.4 34.2





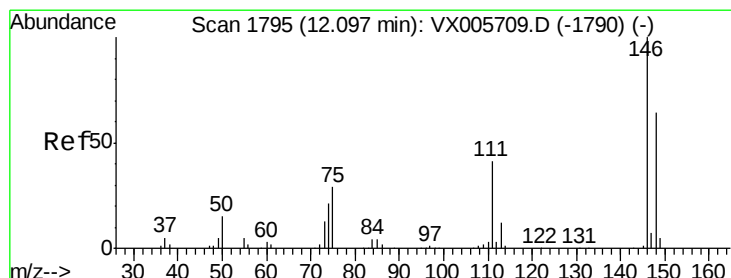
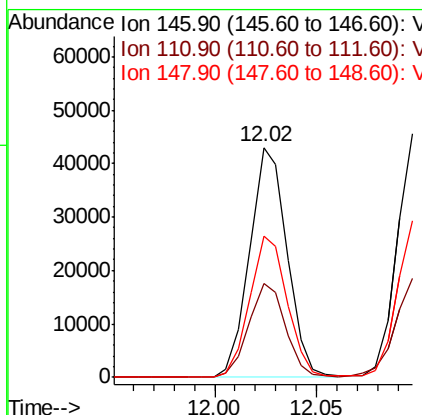
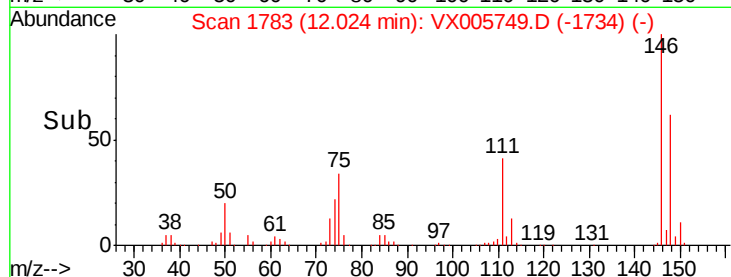
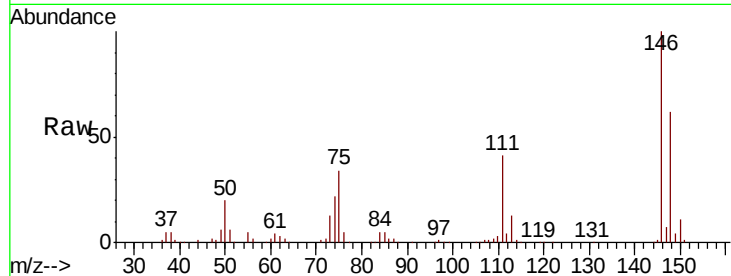
#87
 1,3-Dichlorobenzene
 Concen: 19.647 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX005749.D
 Acq: 02 Nov 2018 12:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1102WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.3	19.0	57.0
148	61.8	31.9	95.9

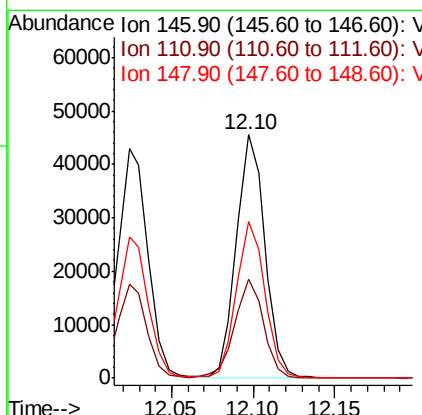
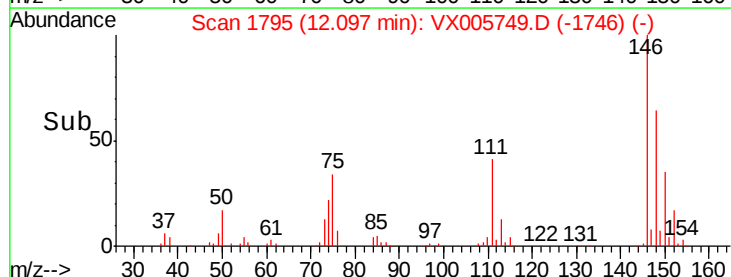
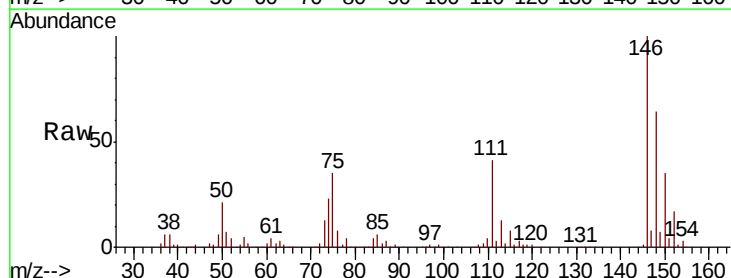
Manual Integrations
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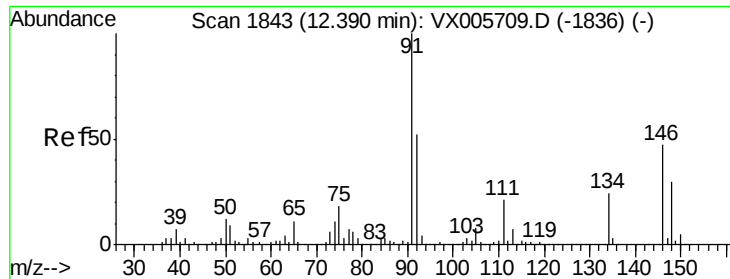
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#88
 1,4-Dichlorobenzene
 Concen: 18.561 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX005749.D
 Acq: 02 Nov 2018 12:00

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.4	18.6	55.8
148	64.0	32.1	96.3





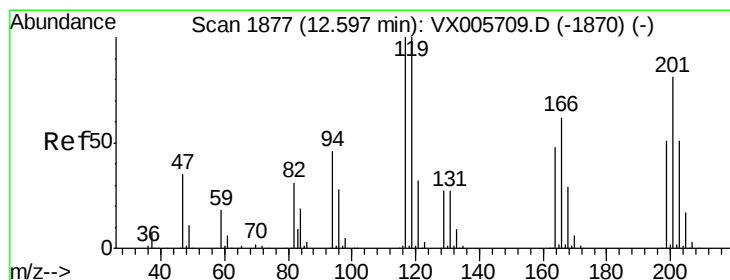
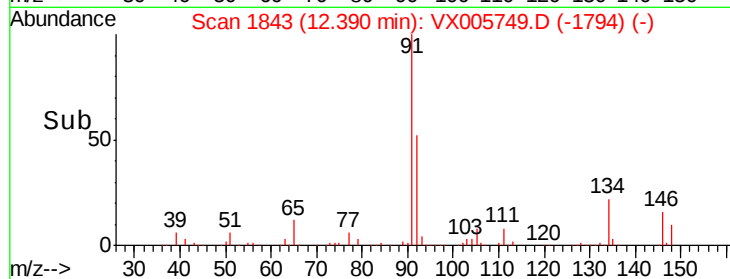
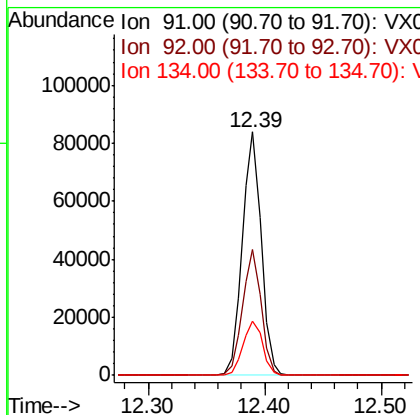
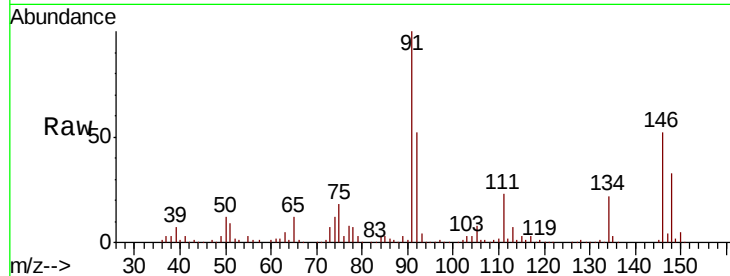
#89
n-Butylbenzene
Concen: 18.351 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX005749.D
Acq: 02 Nov 2018 12:00

Instrument :
MSVOA_X
ClientSampleId :
VX1102WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	50.9	26.1	78.2
134	23.1	13.1	39.3

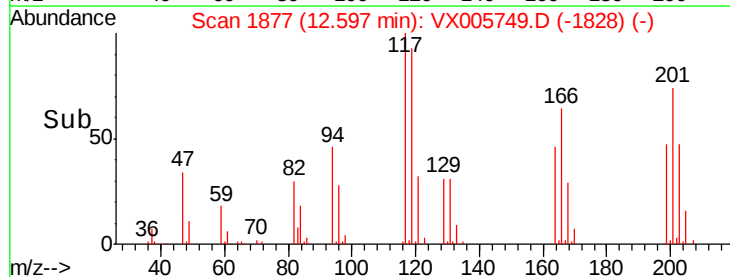
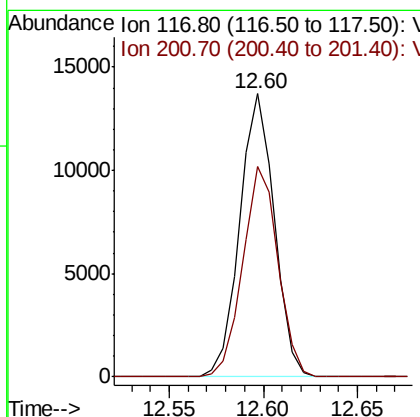
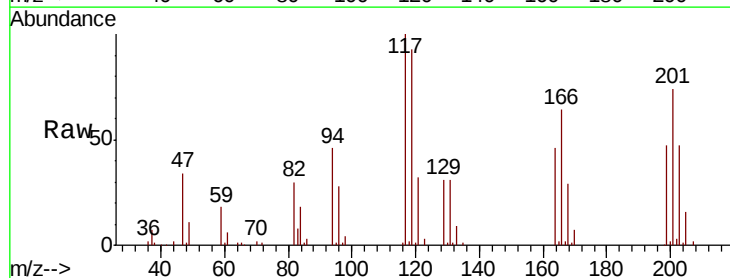
Manual Integrations
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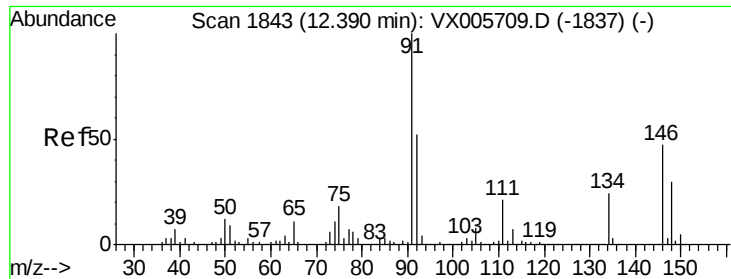
MMDadoda
11/5/2018 3:09:38 PM



#90
Hexachloroethane
Concen: 19.018 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX005749.D
Acq: 02 Nov 2018 12:00

Tgt Ion	Ratio	Lower	Upper
117	100		
201	75.6	47.9	143.6





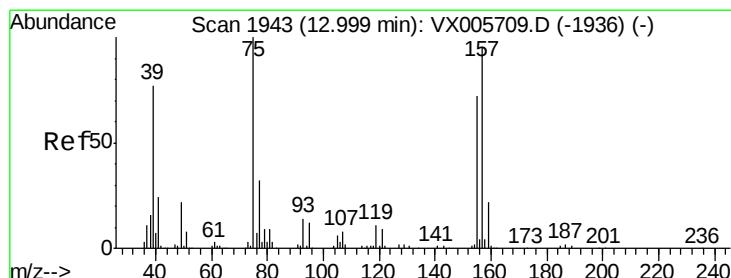
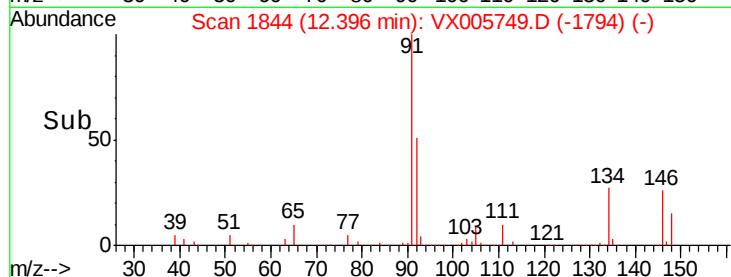
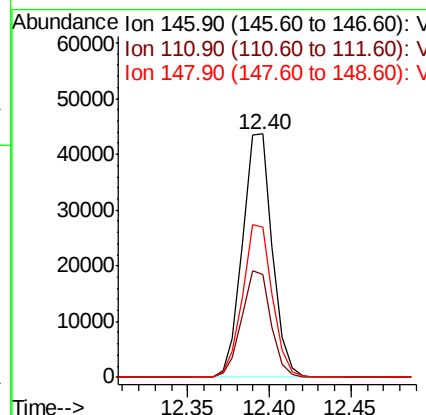
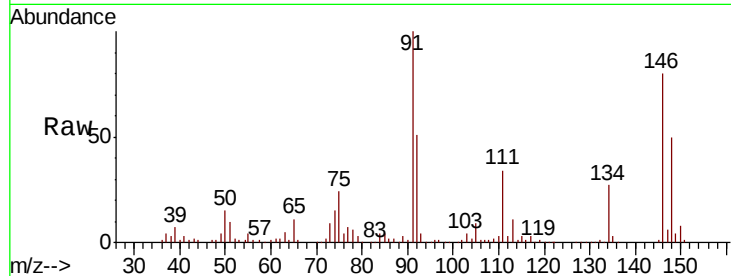
#91
 1,2-Dichlorobenzene
 Concen: 19.093 ug/l
 RT: 12.40 min Scan# 1844
 Delta R.T. 0.01 min
 Lab File: VX005749.D
 Acq: 02 Nov 2018 12:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1102WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.6	20.0	59.9
148	62.8	32.2	96.6

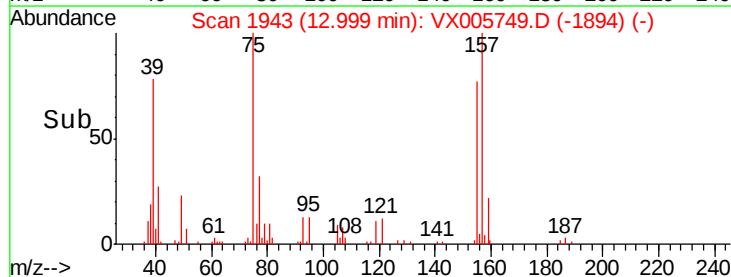
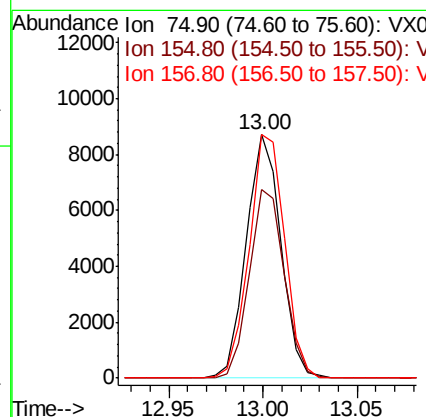
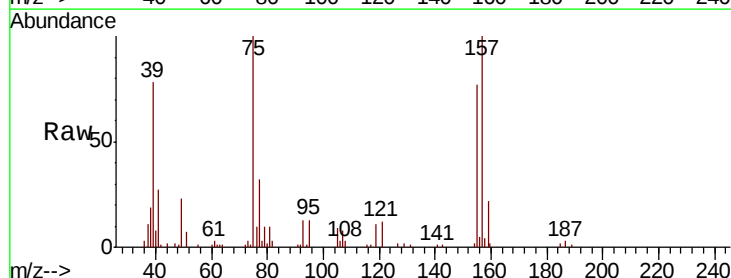
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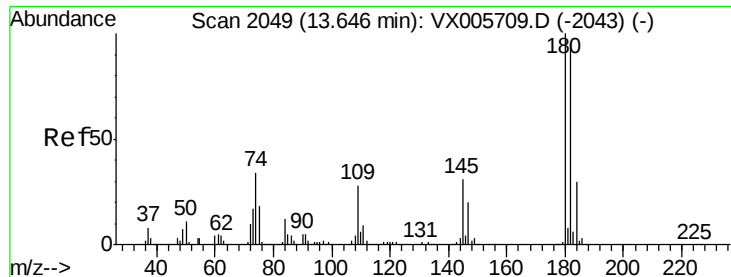
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.449 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX005749.D
 Acq: 02 Nov 2018 12:00

Tgt Ion	Ratio	Lower	Upper
75	100		
155	78.4	45.4	136.1
157	102.6	57.4	172.0





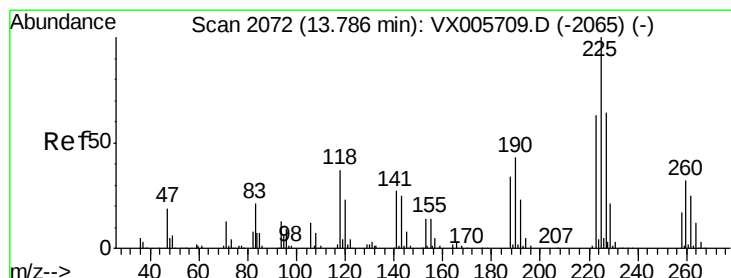
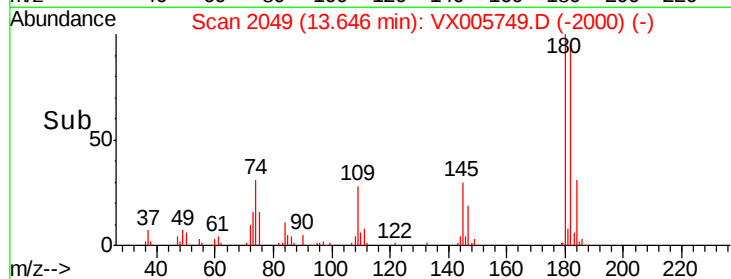
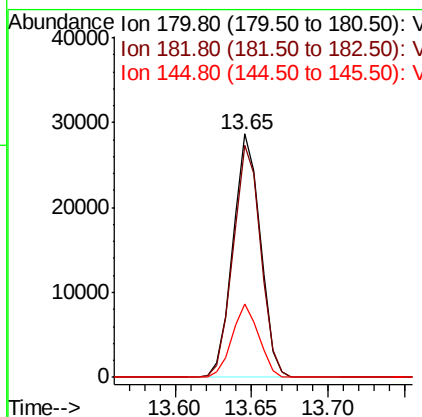
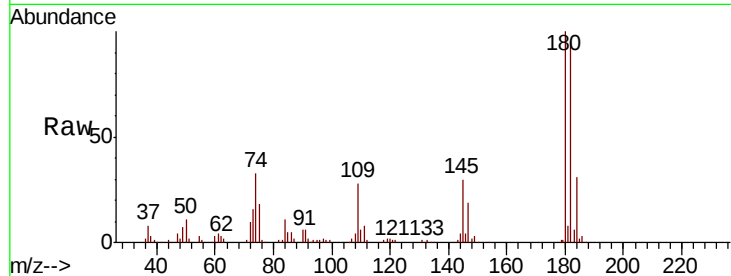
#93
 1,2,4-Trichlorobenzene
 Concen: 19.008 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005749.D
 Acq: 02 Nov 2018 12:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1102WBSD01

Tot Ion:	180	Resp:	35673
Ion Ratio	Lower	Upper	
180	100		
182	95.6	47.6	142.8
145	29.3	14.1	42.2

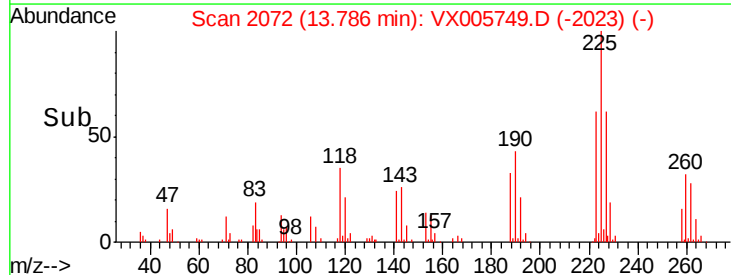
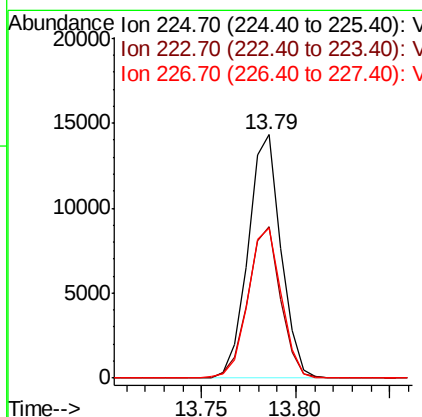
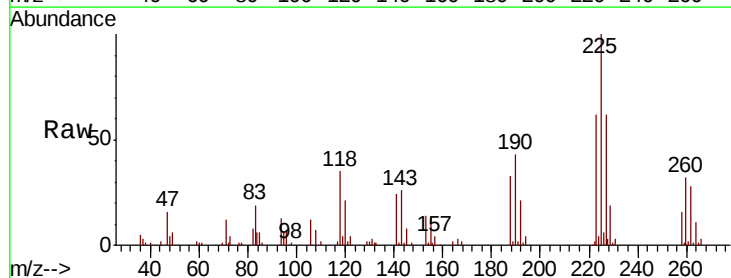
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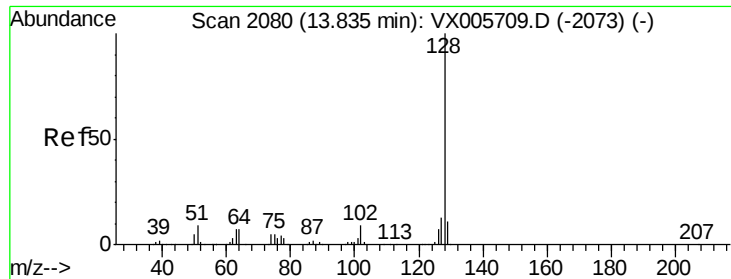
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#94
 Hexachlorobutadiene
 Concen: 19.089 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX005749.D
 Acq: 02 Nov 2018 12:00

Tgt Ion:	225	Resp:	17331
Ion Ratio	Lower	Upper	
225	100		
223	61.5	31.7	95.1
227	62.5	32.3	96.9





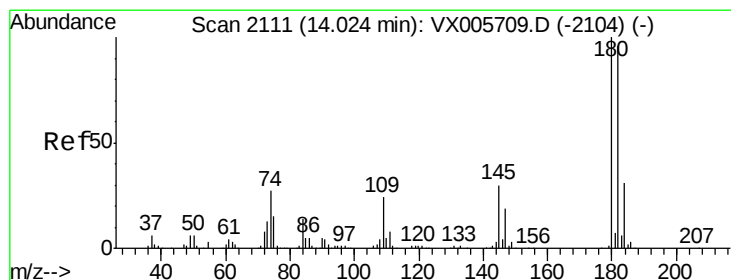
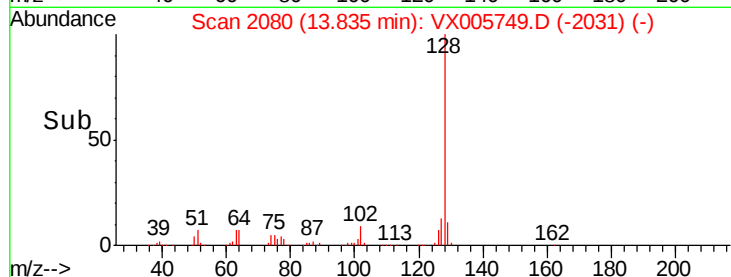
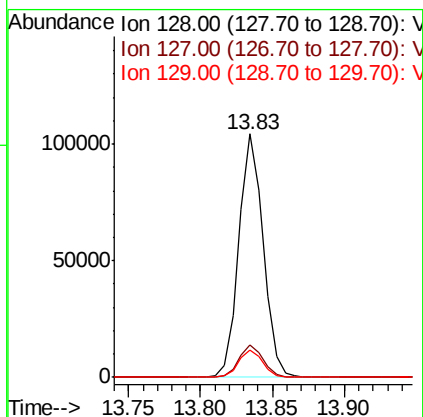
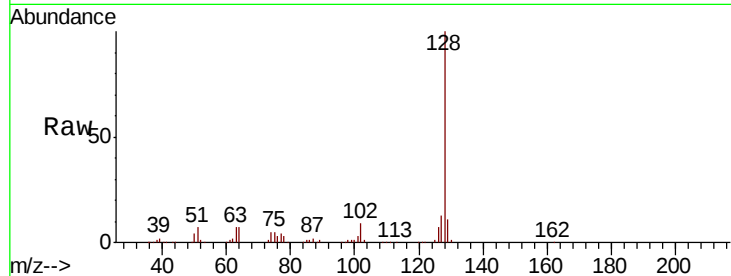
#95
Naphthalene
Concen: 19.928 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX005749.D
Acq: 02 Nov 2018 12:00

Instrument :
MSVOA_X
ClientSampleId :
VX1102WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	122995		
127	13.3		10.4	15.6
129	11.1		8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 19.701 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. -0.00 min
Lab File: VX005749.D
Acq: 02 Nov 2018 12:00

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	37641		
182	96.6		48.0	144.2
145	31.2		15.1	45.3

