

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110218\
 Data File : VX005747.D
 Acq On : 02 Nov 2018 11:08
 Operator : JC/MD
 Sample : VX1102WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1102WBS01

Manual Integrations
 APPROVED

MMDadoda
 11/5/2018 3:09:33 PM

Quant Time: Nov 03 00:56:52 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	122783	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	210948	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	178045	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	89609	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	90171	50.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.46%	
35) Dibromofluoromethane	5.50	113	68187	46.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.36%	
50) Toluene-d8	8.71	98	235219	45.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.84%	
62) 4-Bromofluorobenzene	11.14	95	83827	44.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	31055	21.894	ug/l	91
3) Chloromethane	1.32	50	32289	19.299	ug/l	90
4) Vinyl Chloride	1.40	62	34514	19.828	ug/l	98
5) Bromomethane	1.64	94	35235	16.313	ug/l	94
6) Chloroethane	1.72	64	21748	21.317	ug/l	91
7) Trichlorofluoromethane	1.93	101	44259	19.809	ug/l	96
8) Diethyl Ether	2.19	74	18421	18.343	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	25942	19.115	ug/l	89
10) Methyl Iodide	2.51	142	24389	19.687	ug/l	98
11) Tert butyl alcohol	3.07	59	50047	102.660	ug/l	100
12) 1,1-Dichloroethene	2.37	96	24360	18.420	ug/l	84
13) Acrolein	2.29	56	24358	78.613	ug/l	98
14) Allyl chloride	2.73	41	52848	19.326	ug/l	97
15) Acrylonitrile	3.15	53	107035	99.845	ug/l	99
16) Acetone	2.45	43	96814	99.269	ug/l	96
17) Carbon Disulfide	2.56	76	72445	17.827	ug/l	98
18) Methyl Acetate	2.78	43	51307	19.915	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	89424	19.535	ug/l	98
20) Methylene Chloride	2.85	84	30851	19.930	ug/l	88
21) trans-1,2-Dichloroethene	3.16	96	25597	18.292	ug/l	93
22) Diisopropyl ether	3.88	45	95085	18.745	ug/l #	89
23) Vinyl Acetate	3.82	43	414630	93.845	ug/l	99
24) 1,1-Dichloroethane	3.70	63	55115	19.215	ug/l	100
25) 2-Butanone	4.71	43	146069	96.461	ug/l	93
26) 2,2-Dichloropropane	4.58	77	40225	18.761	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	30799	19.587	ug/l	99
28) Bromochloromethane	5.02	49	28916	20.664	ug/l	91
29) Tetrahydrofuran	5.16	42	90062	97.442	ug/l	94
30) Chloroform	5.21	83	51232	18.269	ug/l	98
31) Cyclohexane	5.57	56	44432	18.525	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	42244	18.823	ug/l	96
36) 1,1-Dichloropropene	5.79	75	38951	17.331	ug/l	97
37) Ethyl Acetate	4.86	43	51010	17.790	ug/l	98
38) Carbon Tetrachloride	5.78	117	35959	17.709	ug/l	97

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Quant Time: Nov 03 00:56:52 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	41063	17.519	ug/l	95
40) Benzene	6.15	78	114167	17.075	ug/l	99
41) Methacrylonitrile	5.06	41	27532	17.771	ug/l	98
42) 1,2-Dichloroethane	6.20	62	43431	17.573	ug/l	100
43) Isopropyl Acetate	6.46	43	72039	17.310	ug/l	98
44) Trichloroethene	7.21	130	27172	17.571	ug/l	84
45) 1,2-Dichloropropane	7.52	63	31573	18.426	ug/l	94
46) Dibromomethane	7.66	93	19912	18.184	ug/l	86
47) Bromodichloromethane	7.90	83	36209	17.628	ug/l	100
48) Methyl methacrylate	7.78	41	35689	17.718	ug/l	97
49) 1,4-Dioxane	7.76	88	16747	373.380	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	254032	89.521	ug/l	99
52) Toluene	8.79	92	64107	17.726	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	37593	16.888	ug/l	95
54) cis-1,3-Dichloropropene	8.44	75	43160	18.097	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	27965	17.805	ug/l	97
56) Ethyl methacrylate	9.18	69	40285	16.834	ug/l	98
57) 1,3-Dichloropropane	9.37	76	47972	17.781	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	124993	89.470	ug/l	95
59) 2-Hexanone	9.50	43	202439	87.662	ug/l	97
60) Dibromochloromethane	9.59	129	25582	16.856	ug/l	99
61) 1,2-Dibromoethane	9.67	107	28612	17.878	ug/l	98
64) Tetrachloroethene	9.34	164	24925	19.162	ug/l	96
65) Chlorobenzene	10.14	112	69326	18.323	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	24308	18.768	ug/l	98
67) Ethyl Benzene	10.25	91	120190	18.614	ug/l	99
68) m/p-Xylenes	10.36	106	91594	38.174	ug/l	95
69) o-Xylene	10.70	106	42379	18.467	ug/l	94
70) Styrene	10.71	104	72935	19.136	ug/l	98
71) Bromoform	10.86	173	19429	18.514	ug/l #	96
73) Isopropylbenzene	11.02	105	118750	20.087	ug/l	100
74) N-amyl acetate	10.90	43	59095	18.775	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	47207	19.247	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	44146m	19.780	ug/l	
77) Bromobenzene	11.26	156	28812	19.646	ug/l	87
78) n-propylbenzene	11.36	91	144858	20.142	ug/l	96
79) 2-Chlorotoluene	11.42	91	85912	20.001	ug/l	95
80) 1,3,5-Trimethylbenzene	11.51	105	101133	20.147	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	12748	18.455	ug/l	91
82) 4-Chlorotoluene	11.51	91	101881	19.867	ug/l	96
83) tert-Butylbenzene	11.77	119	93637	19.550	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	103449	20.409	ug/l	97
85) sec-Butylbenzene	11.94	105	121972	19.853	ug/l	96
86) p-Isopropyltoluene	12.07	119	103842	19.873	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	54851	19.344	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	56000	18.383	ug/l	97
89) n-Butylbenzene	12.39	91	95757	18.164	ug/l	98
90) Hexachloroethane	12.60	117	16778	18.099	ug/l	81
91) 1,2-Dichlorobenzene	12.40	146	55158	18.619	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	11243	19.544	ug/l	85

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Instrument :
MSVOA_X
ClientSampleId :
VX1102WBS01

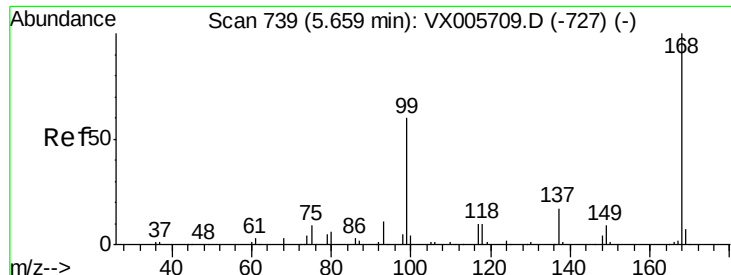
Manual Integrations
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QLast Update : Wed Oct 31 18:23:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	35749	18.815	ug/l	99
94) Hexachlorobutadiene	13.79	225	16873	18.357	ug/l	99
95) Naphthalene	13.83	128	122683	19.634	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	38218	19.758	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005747.D

Acq: 02 Nov 2018 11:08

Instrument :

MSVOA_X

ClientSampleId :

VX1102WBS01

Tot Ion:168 Resp: 122783

Ion Ratio Lower Upper

168 100

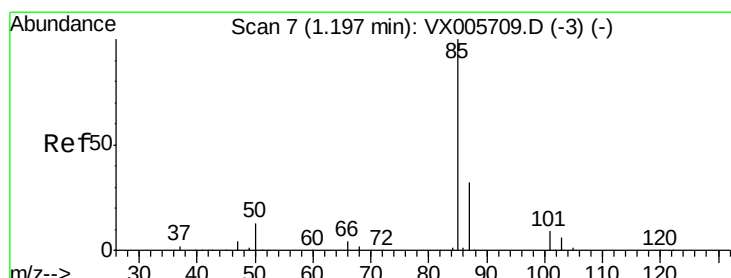
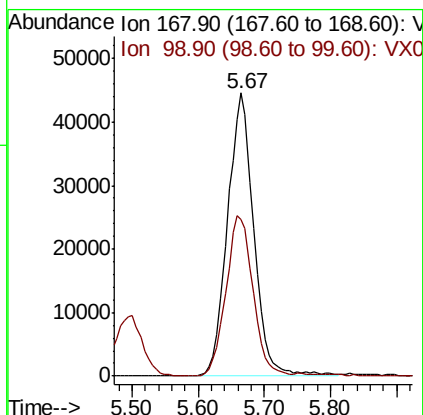
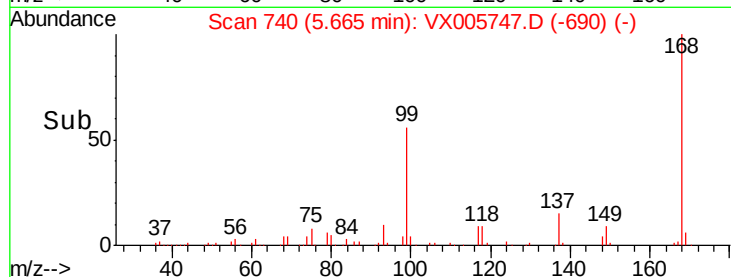
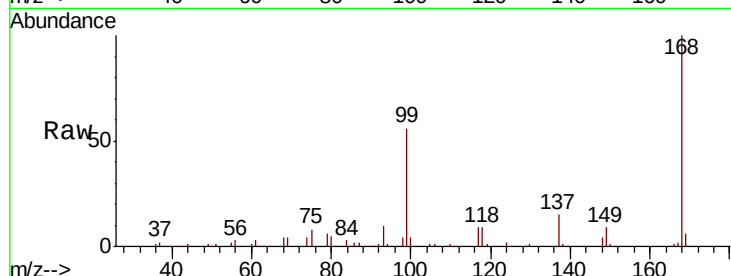
99 55.6 40.7 61.1

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 21.894 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005747.D

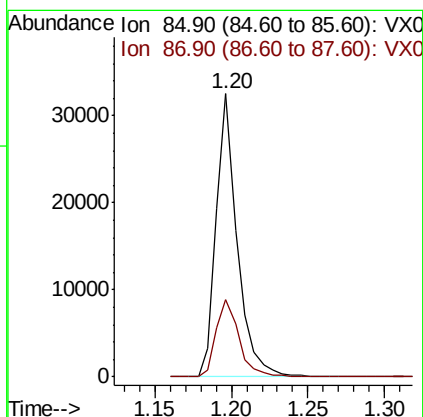
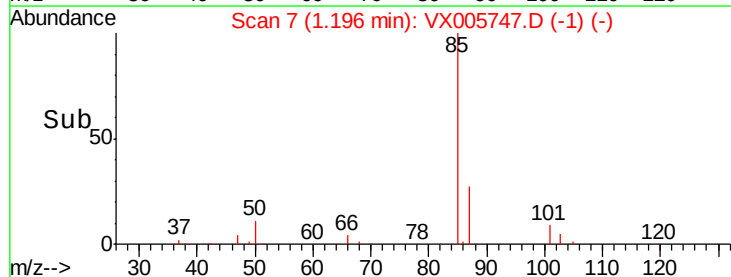
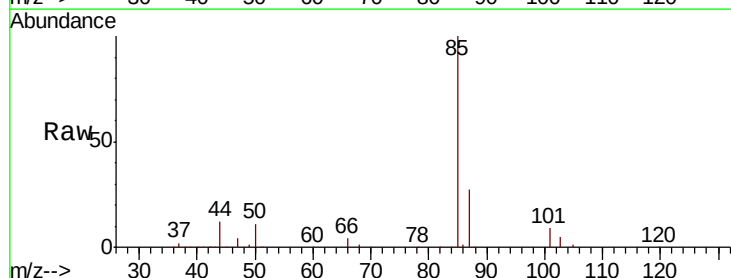
Acq: 02 Nov 2018 11:08

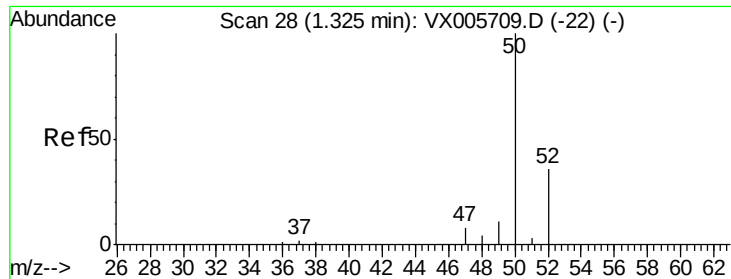
Tgt Ion: 85 Resp: 31055

Ion Ratio Lower Upper

85 100

87 27.5 16.3 48.9





#3

Chloromethane

Concen: 19.299 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005747.D

Acq: 02 Nov 2018 11:08

Instrument :

MSVOA_X

ClientSampleId :

VX1102WBS01

Tot Ion: 50 Resp: 32289

Ion Ratio Lower Upper

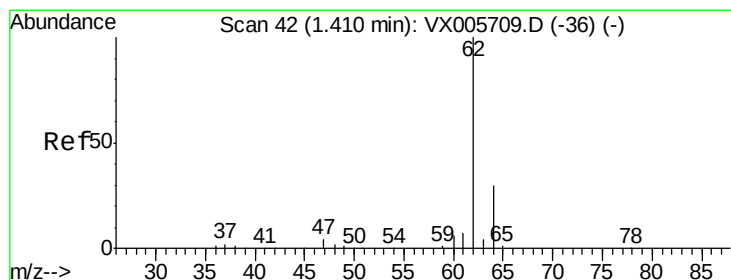
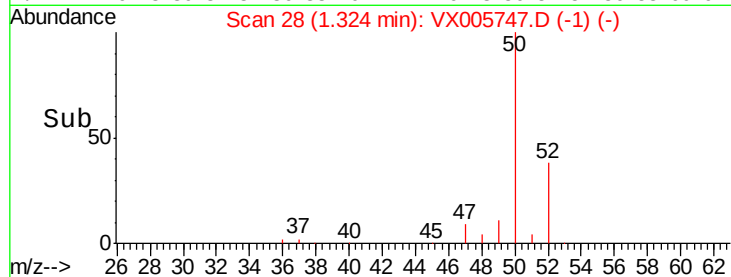
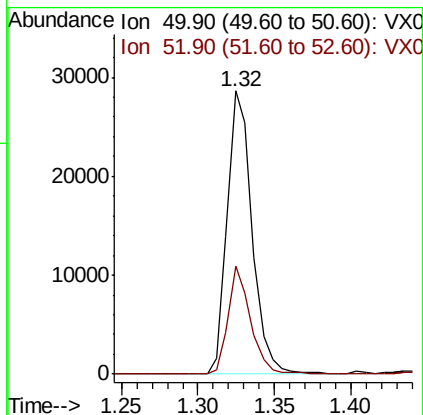
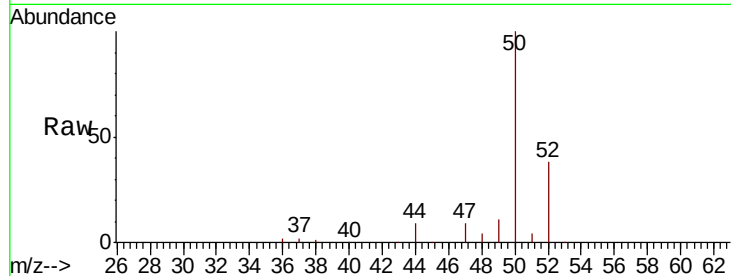
50 100

52 38.1 26.2 39.2

Manual Integrations
APPROVED

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11/5/2018 3:09:33 PM



#4

Vinyl Chloride

Concen: 19.828 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX005747.D

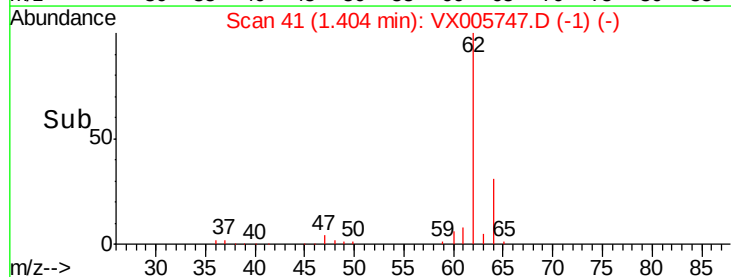
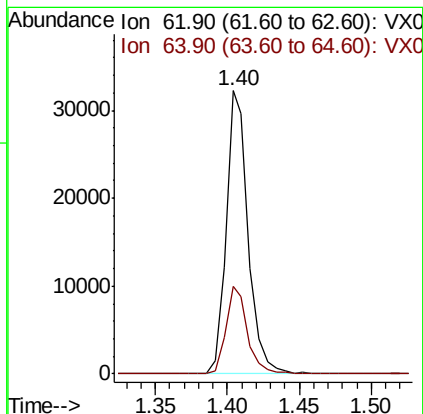
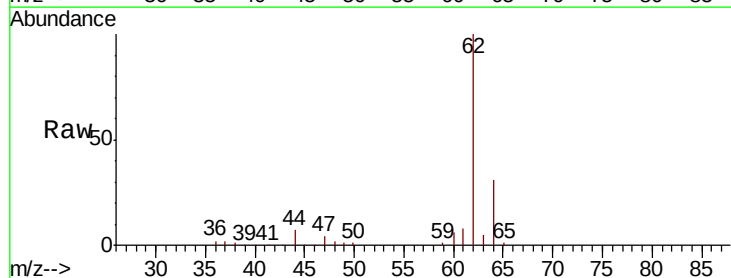
Acq: 02 Nov 2018 11:08

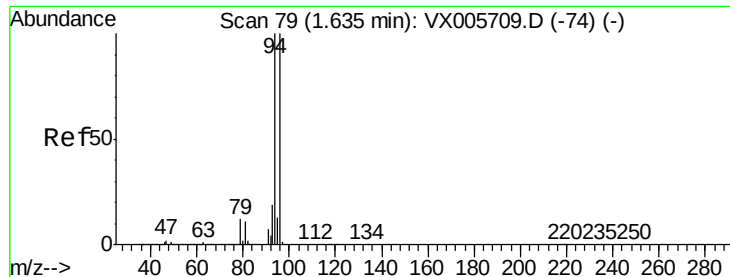
Tgt Ion: 62 Resp: 34514

Ion Ratio Lower Upper

62 100

64 30.7 25.3 37.9





#5

Bromomethane

Concen: 16.313 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005747.D

Acq: 02 Nov 2018 11:08

Instrument :

MSVOA_X

ClientSampleId :

VX1102WBS01

Tot Ion: 94 Resp: 35235

Ion Ratio Lower Upper

94 100

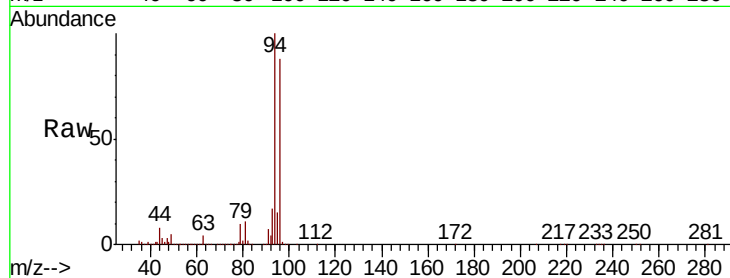
96 88.4 75.2 112.8

Manual Integrations

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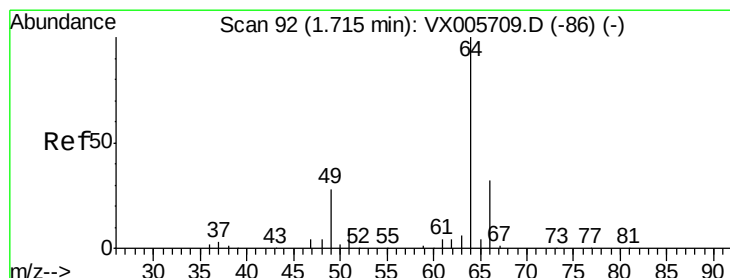
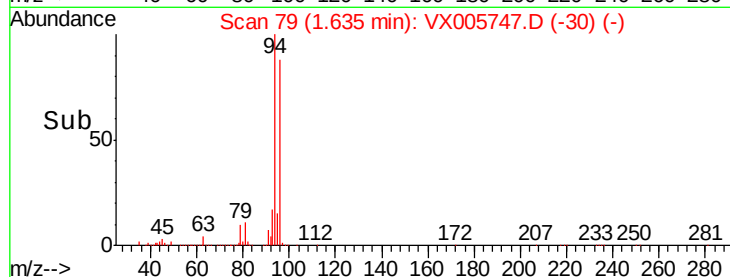
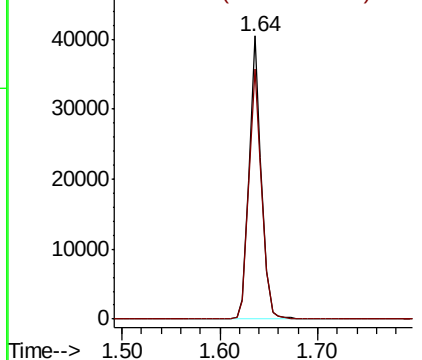
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 21.317 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX005747.D

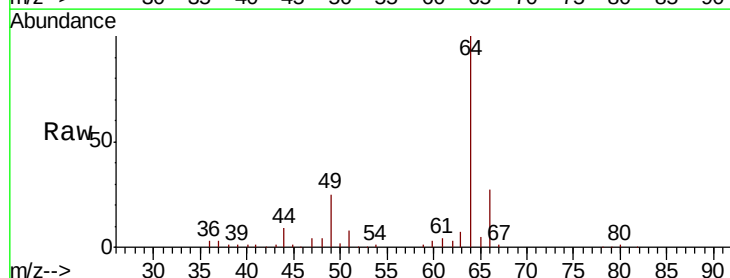
Acq: 02 Nov 2018 11:08

Tgt Ion: 64 Resp: 21748

Ion Ratio Lower Upper

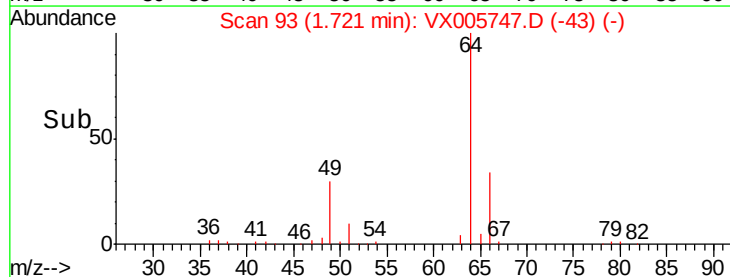
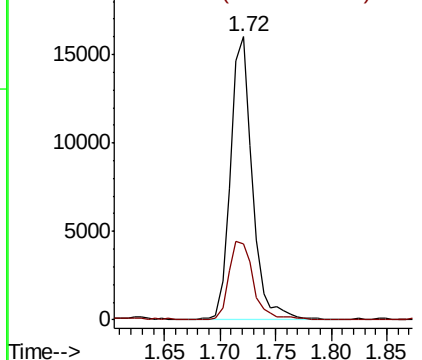
64 100

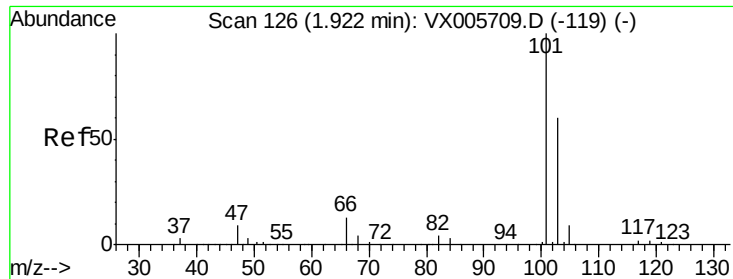
66 27.0 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

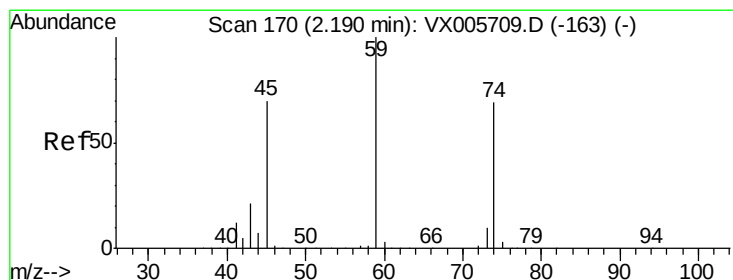
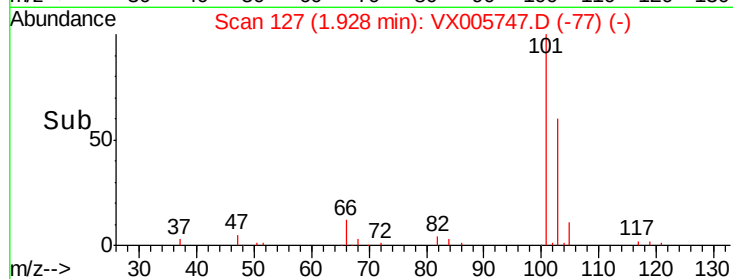
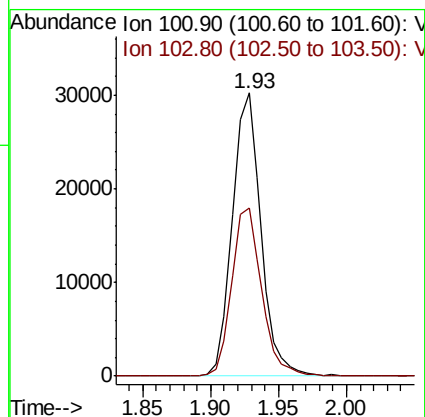
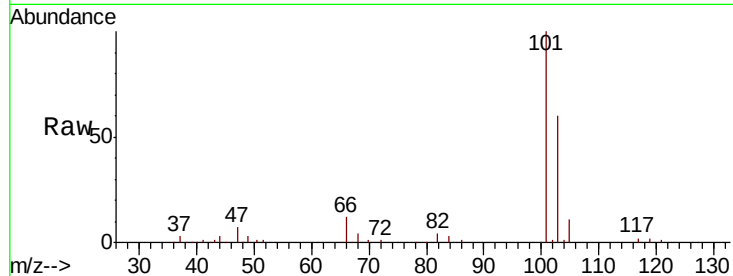
Trichlorofluoromethane
Concen: 19.809 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.01 min
Lab File: VX005747.D
Acq: 02 Nov 2018 11:08

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ClientSampleId :
VX1102WBS01

Tot Ion:101 Resp: 44259
Ion Ratio Lower Upper
101 100
103 59.6 50.0 75.0

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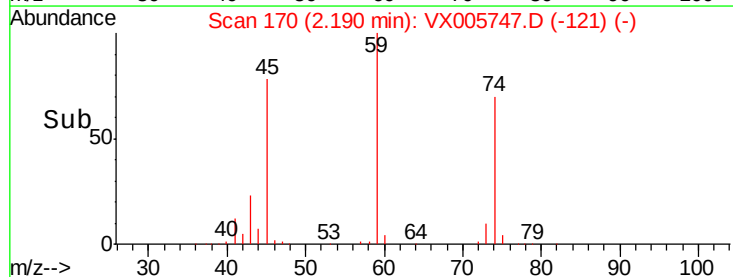
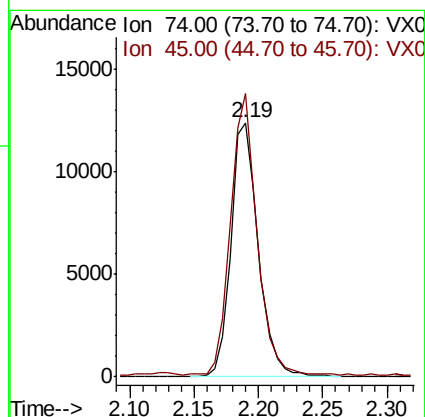
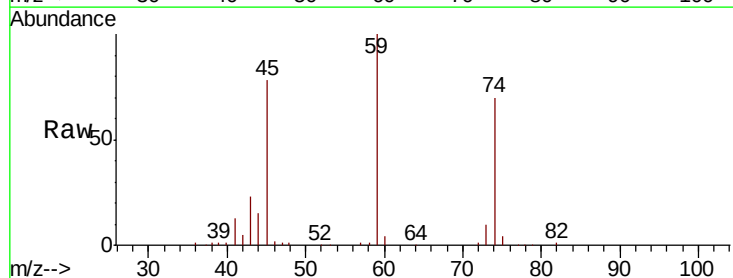
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11/5/2018 3:09:33 PM

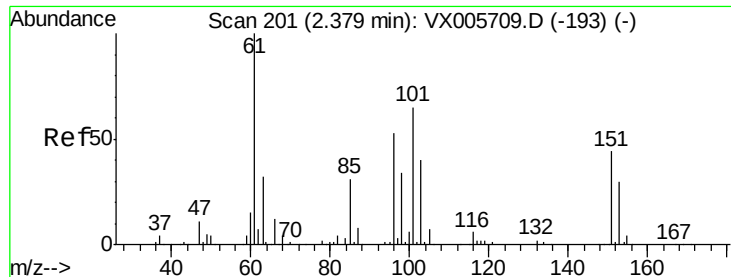


#8

Diethyl Ether
Concen: 18.343 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX005747.D
Acq: 02 Nov 2018 11:08

Tgt Ion: 74 Resp: 18421
Ion Ratio Lower Upper
74 100
45 108.7 54.1 162.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.115 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX005747.D

Acq: 02 Nov 2018 11:08

Instrument :

MSVOA_X

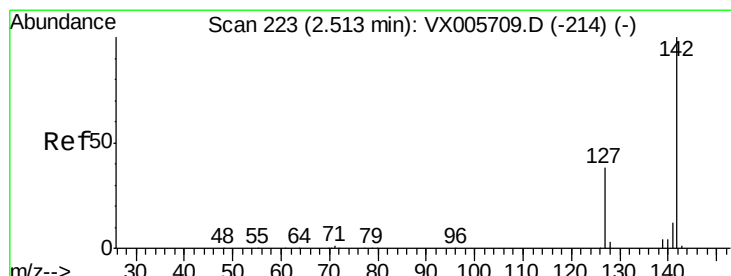
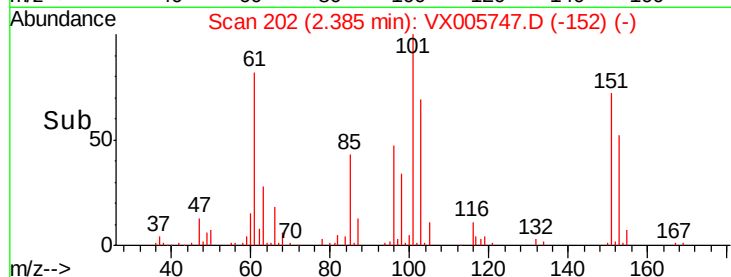
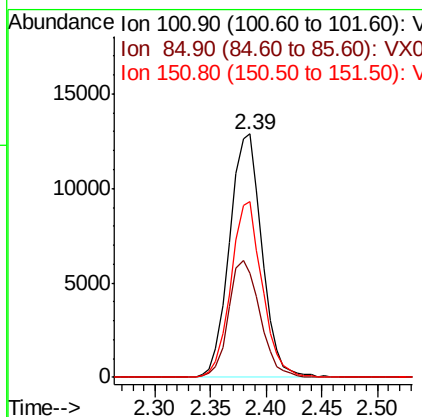
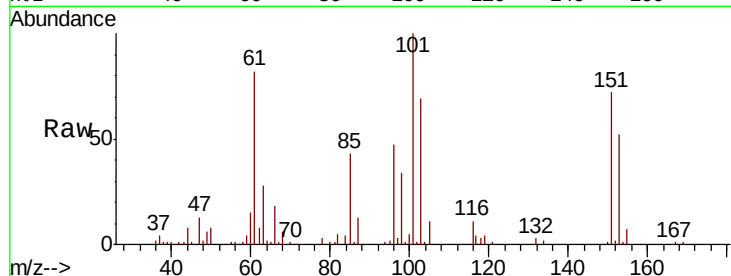
ClientSampleId :

VX1102WBS01

Tot Ion:	101	Resp:	25942
Ion Ratio	Lower	Upper	
101	100		
85	46.5	35.0	52.4
151	69.9	66.2	99.2

Manual Integrations
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#10

Methyl Iodide

Concen: 19.687 ug/l

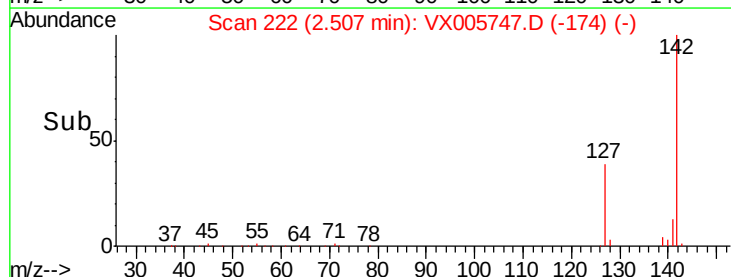
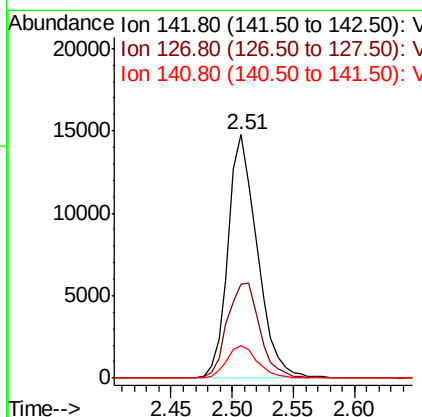
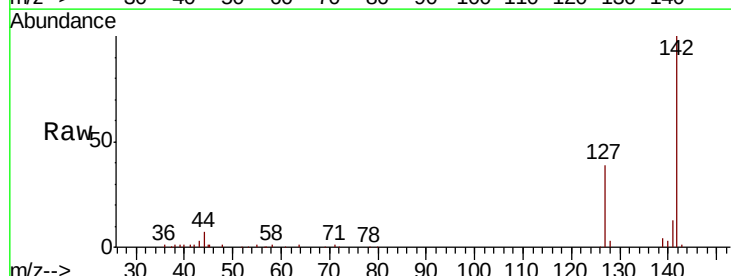
RT: 2.51 min Scan# 222

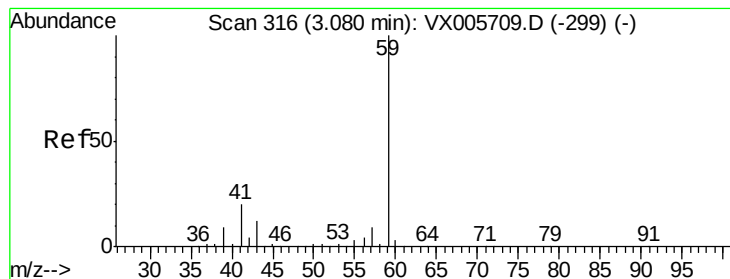
Delta R.T. -0.01 min

Lab File: VX005747.D

Acq: 02 Nov 2018 11:08

Tgt Ion:	142	Resp:	24389
Ion Ratio	Lower	Upper	
142	100		
127	43.5	36.0	54.0
141	13.9	11.7	17.5





#11

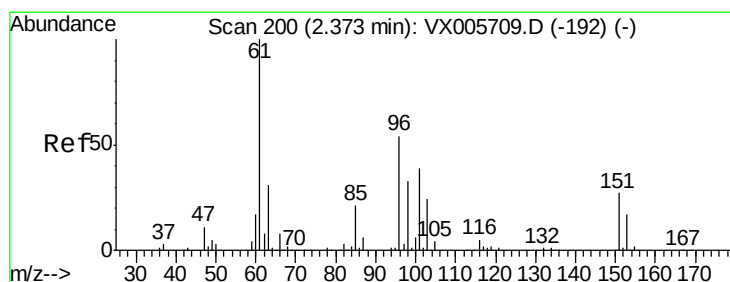
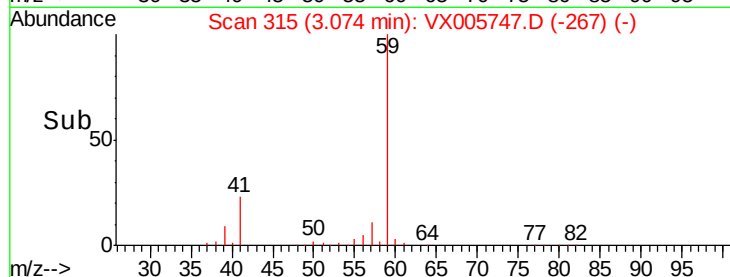
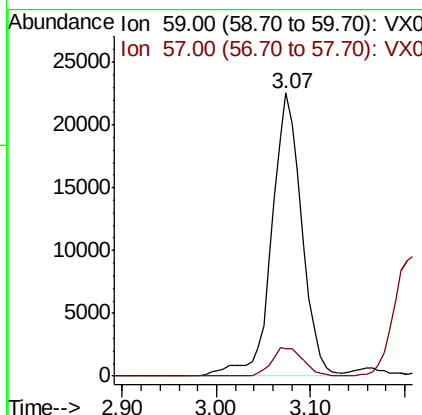
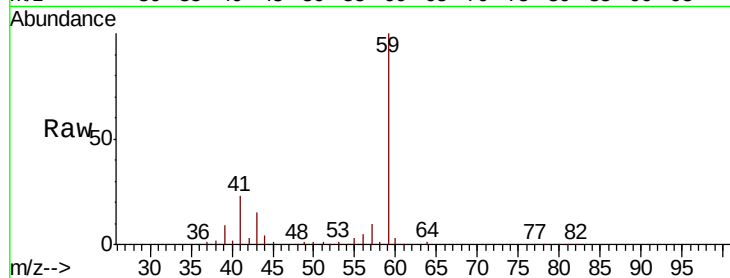
Tert butyl alcohol
Concen: 102.660 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX005747.D
Acq: 02 Nov 2018 11:08

Instrument :
MSVOA_X
ClientSampled :
VX1102WBS01

Tot Ion	59.00 (58.70 to 59.70): VX0	Resp	50047
Ion Ratio	100	Lower	Upper
59	100		
57	10.7	8.5	12.7

Manual Integrations
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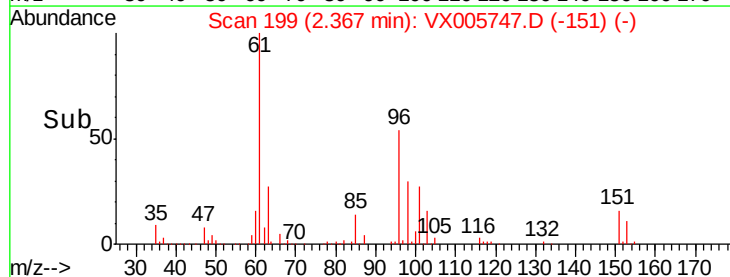
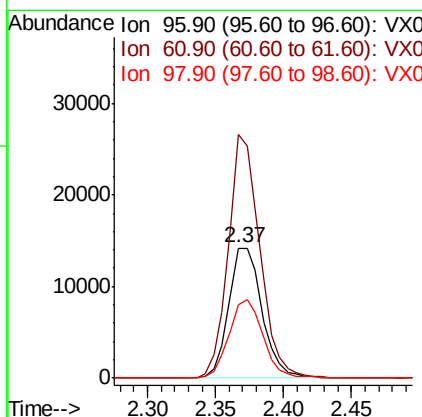
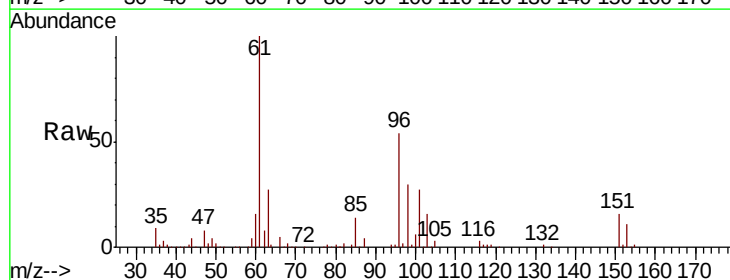
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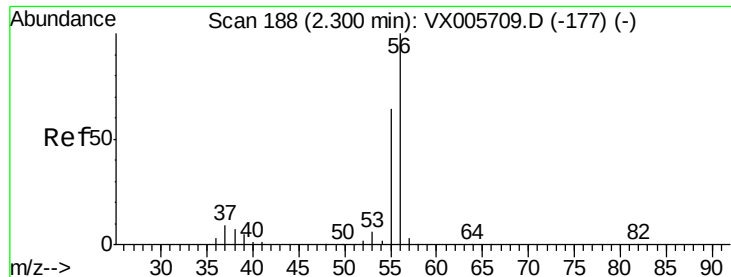


#12

1,1-Dichloroethene
Concen: 18.420 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.01 min
Lab File: VX005747.D
Acq: 02 Nov 2018 11:08

Tgt Ion	96	Resp	24360
Ion Ratio	100	Lower	Upper
96	100		
61	186.9	131.8	197.8
98	56.2	53.4	80.2





#13

Acrolein

Concen: 78.613 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.01 min

Lab File: VX005747.D

Acq: 02 Nov 2018 11:08

Instrument :

MSVOA_X

ClientSampleId :

VX1102WBS01

Tot Ion: 56 Resp: 24358

Ion Ratio Lower Upper

56 100

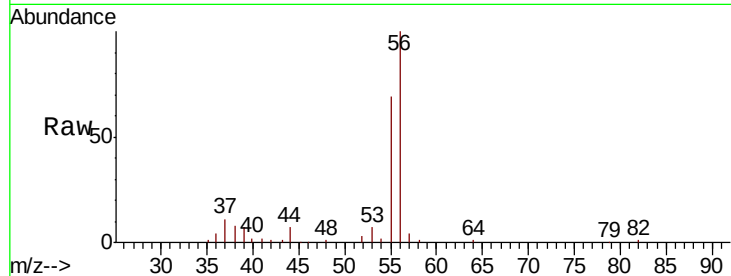
55 73.0 57.3 85.9

Manual Integrations

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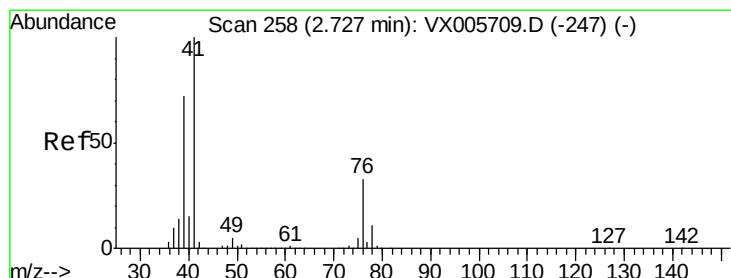
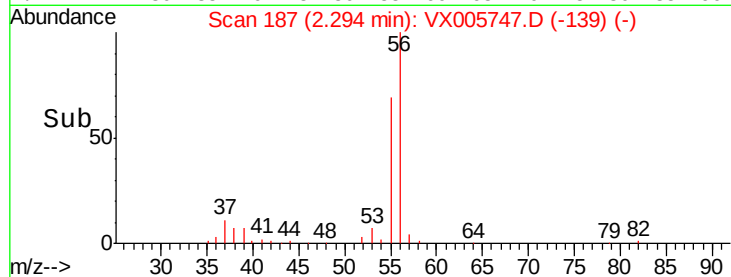
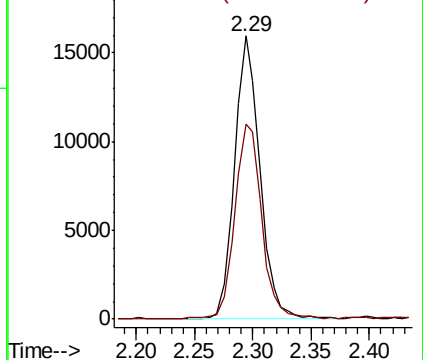
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 19.326 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX005747.D

Acq: 02 Nov 2018 11:08

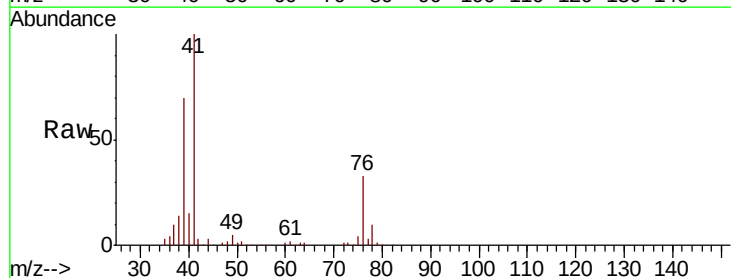
Tgt Ion: 41 Resp: 52848

Ion Ratio Lower Upper

41 100

39 61.9 48.2 72.4

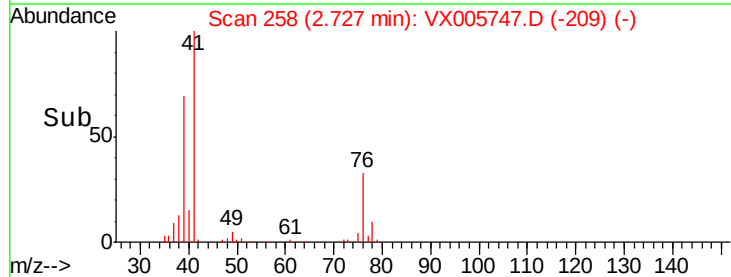
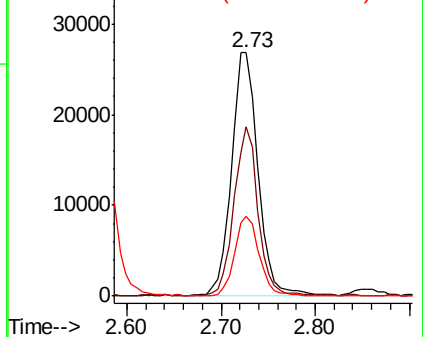
76 30.7 21.9 32.9

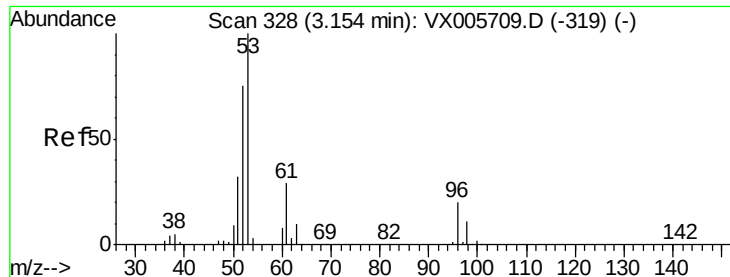


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 99.845 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX005747.D

Acq: 02 Nov 2018 11:08

Instrument :

MSVOA_X

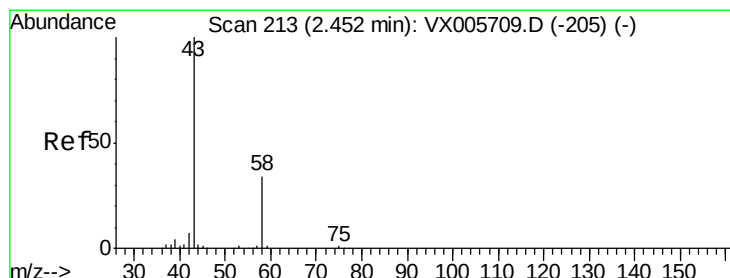
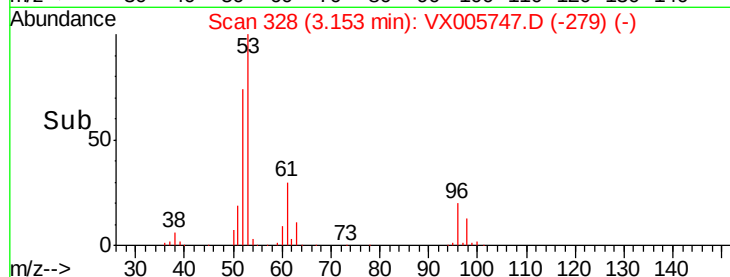
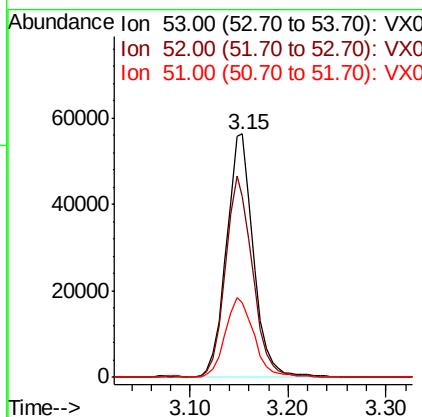
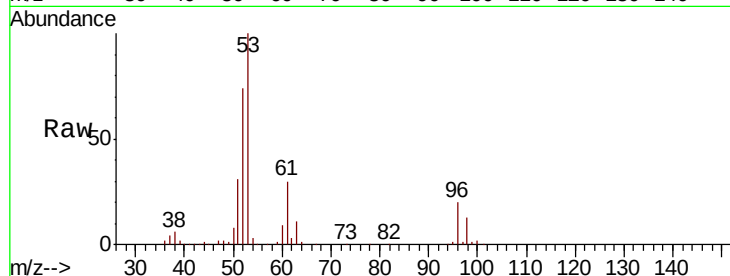
ClientSampleId :

VX1102WBS01

Tot Ion:	53	Resp:	107035
Ion Ratio		Lower	Upper
53	100		
52	83.3	66.6	99.8
51	34.7	28.4	42.6

Manual Integrations
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#16

Acetone

Concen: 99.269 ug/l

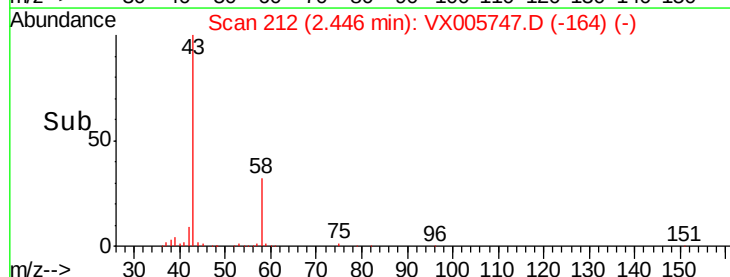
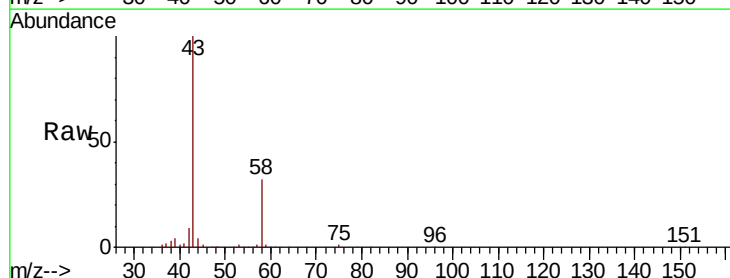
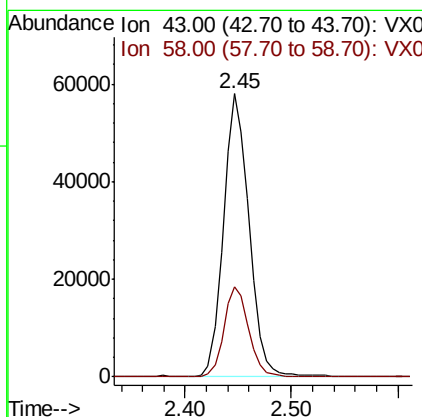
RT: 2.45 min Scan# 212

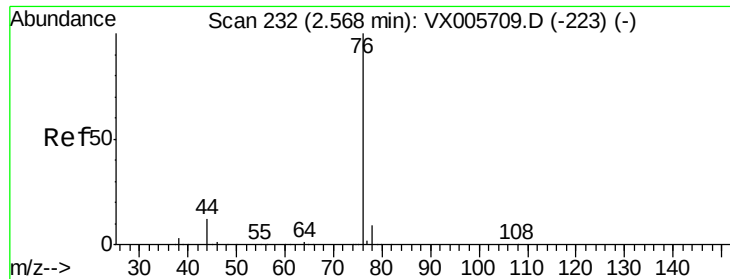
Delta R.T. -0.01 min

Lab File: VX005747.D

Acq: 02 Nov 2018 11:08

Tgt Ion:	43	Resp:	96814
Ion Ratio		Lower	Upper
43	100		
58	31.7	23.8	35.6





#17

Carbon Disulfide

Concen: 17.827 ug/l

RT: 2.56 min Scan# 231

Delta R.T. -0.01 min

Lab File: VX005747.D

Acq: 02 Nov 2018 11:08

Instrument :

MSVOA_X

ClientSampleId :

VX1102WBS01

Tot Ion: 76 Resp: 72445

Ion Ratio Lower Upper

76 100

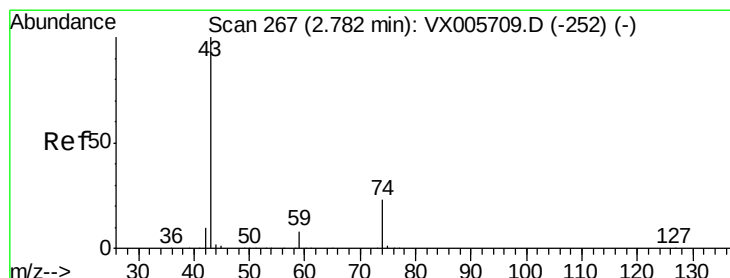
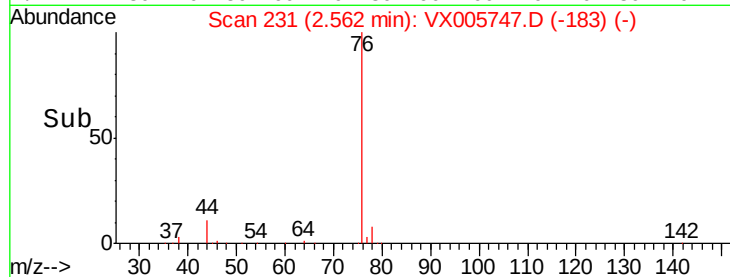
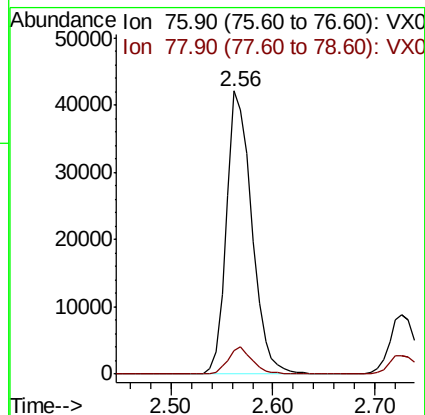
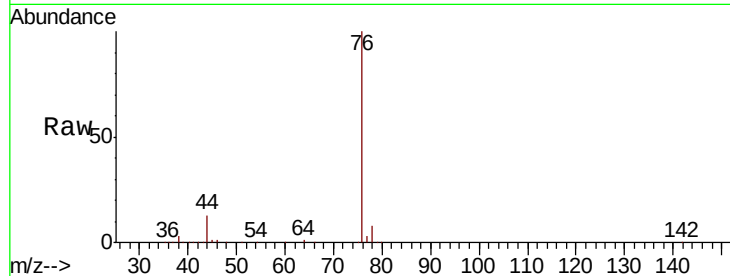
78 8.2 7.3 10.9

Manual Integrations

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#18

Methyl Acetate

Concen: 19.915 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX005747.D

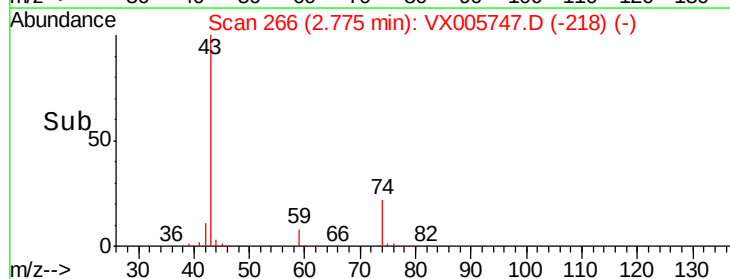
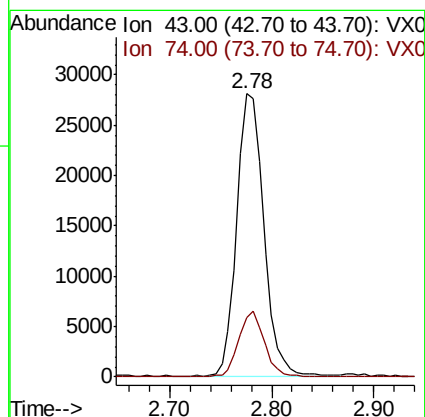
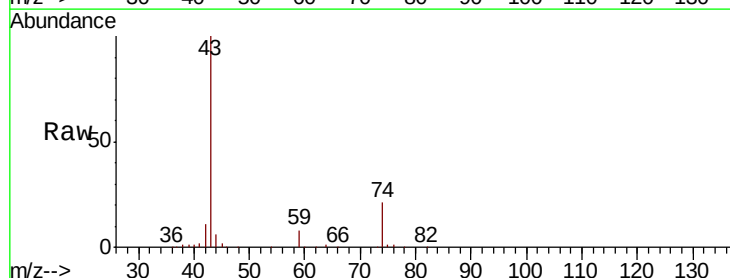
Acq: 02 Nov 2018 11:08

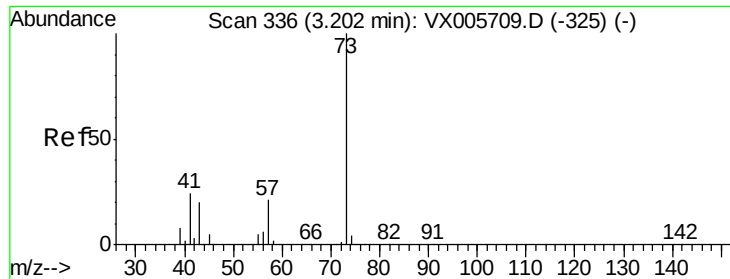
Tgt Ion: 43 Resp: 51307

Ion Ratio Lower Upper

43 100

74 22.2 16.8 25.2





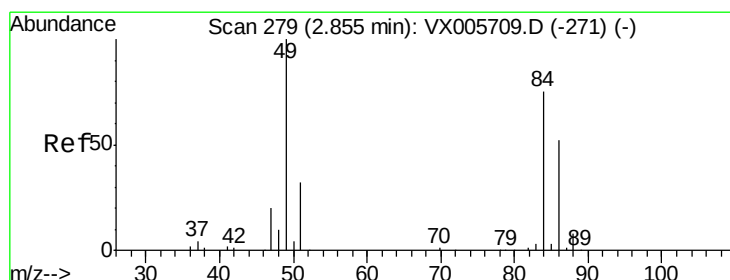
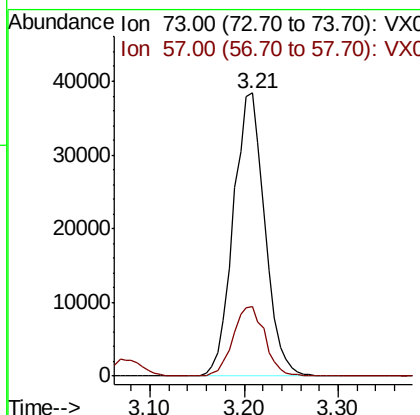
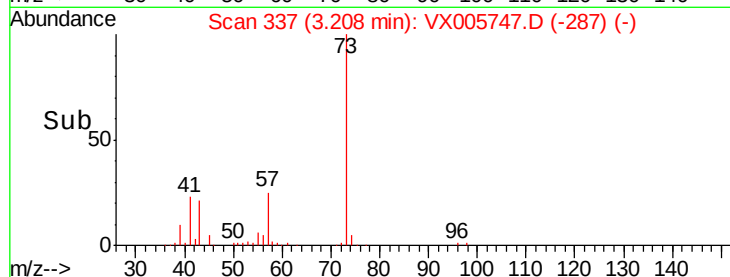
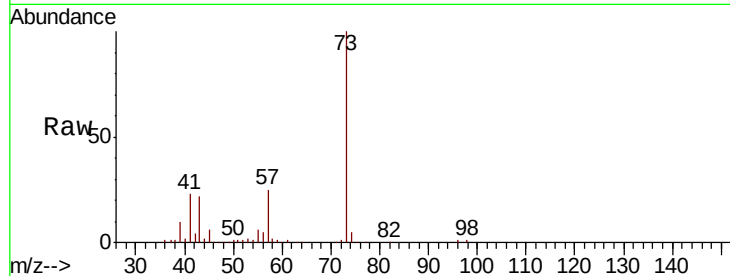
#19
Methyl tert-butyl Ether
Concen: 19.535 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX005747.D
Acq: 02 Nov 2018 11:08

Instrument :
MSVOA_X
ClientSampleId :
VX1102WBS01

Tot Ion: 73 Resp: 89424
Ion Ratio Lower Upper
73 100
57 24.7 18.8 28.2

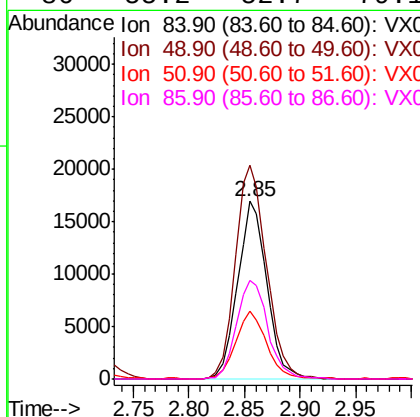
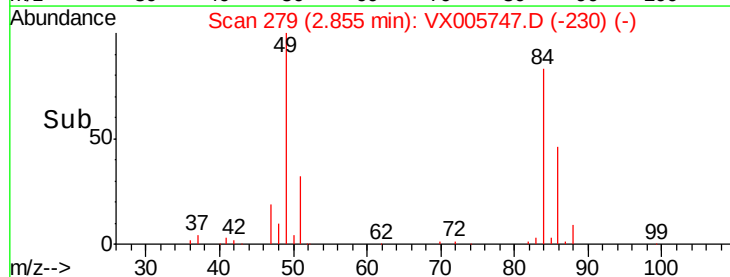
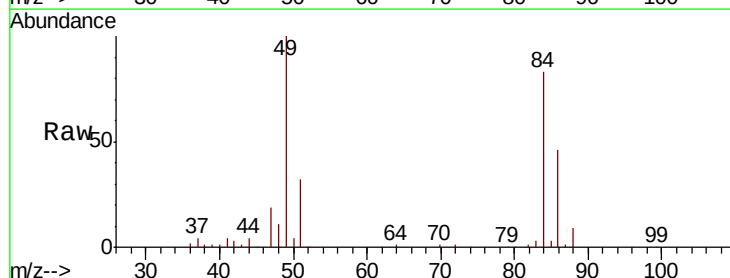
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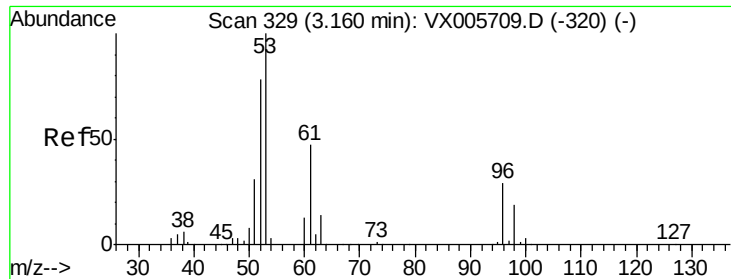
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#20
Methylene Chloride
Concen: 19.930 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX005747.D
Acq: 02 Nov 2018 11:08

Tgt Ion: 84 Resp: 30851
Ion Ratio Lower Upper
84 100
49 120.3 109.5 164.3
51 38.4 33.3 49.9
86 55.2 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 18.292 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX005747.D

Acq: 02 Nov 2018 11:08

Instrument :

MSVOA_X

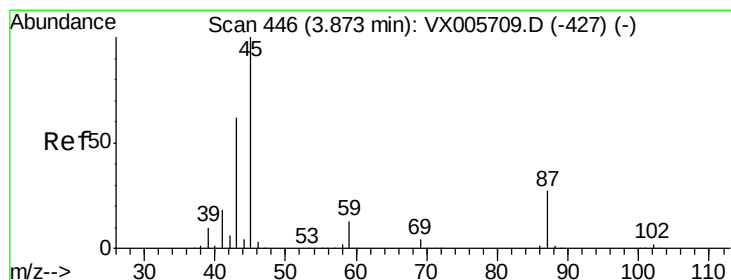
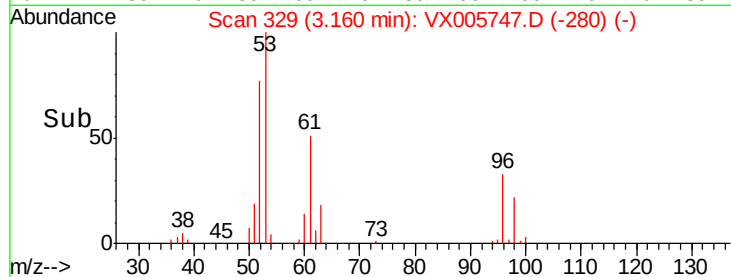
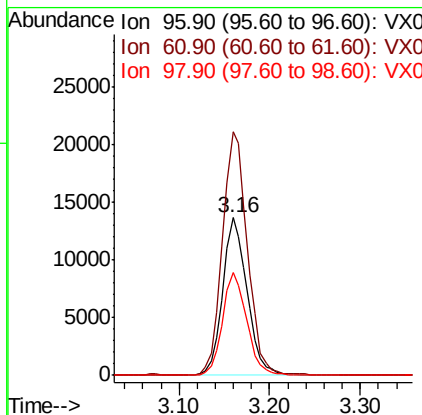
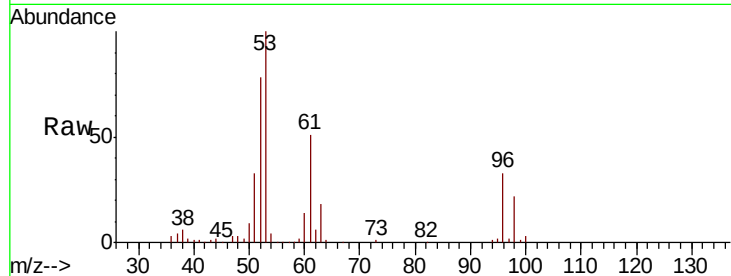
ClientSampled :

VX1102WBS01

Tot Ion:	96	Resp:	25597
Ion	Ratio	Lower	Upper
96	100		
61	154.6	115.6	173.4
98	65.4	50.2	75.2

Manual Integrations
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#22

Diisopropyl ether

Concen: 18.745 ug/l

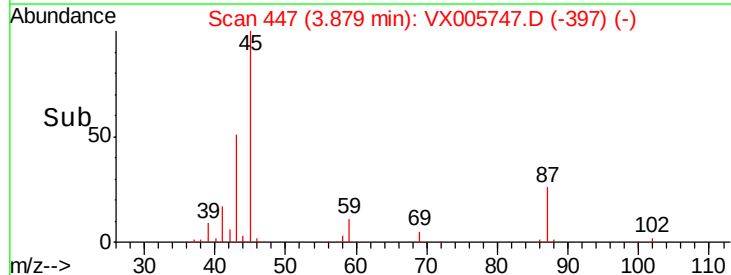
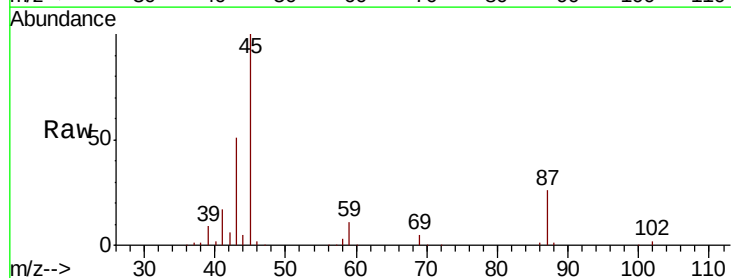
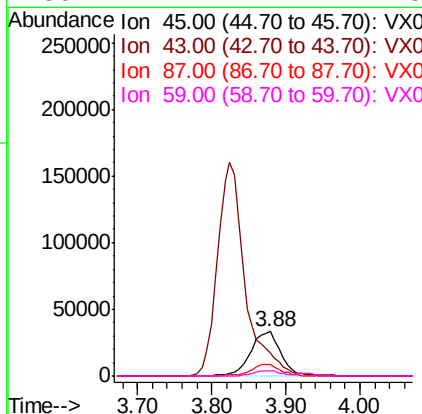
RT: 3.88 min Scan# 447

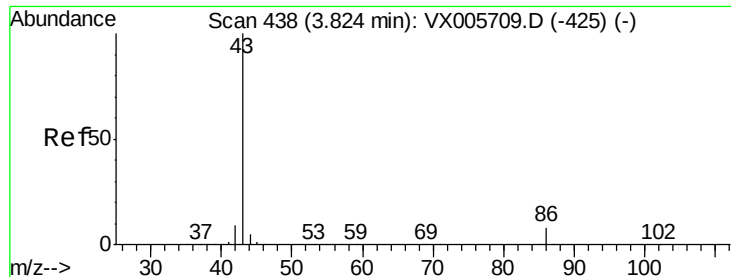
Delta R.T. 0.01 min

Lab File: VX005747.D

Acq: 02 Nov 2018 11:08

Tgt Ion:	45	Resp:	95085
Ion	Ratio	Lower	Upper
45	100		
43	50.8	47.4	71.2
87	25.6	15.9	23.9
59	11.4	7.7	11.5





#23

Vinyl Acetate

Concen: 93.845 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX005747.D

Acq: 02 Nov 2018 11:08

Instrument :

MSVOA_X

ClientSampleId :

VX1102WBS01

Tot Ion: 43 Resp: 414630

Ion Ratio Lower Upper

43 100

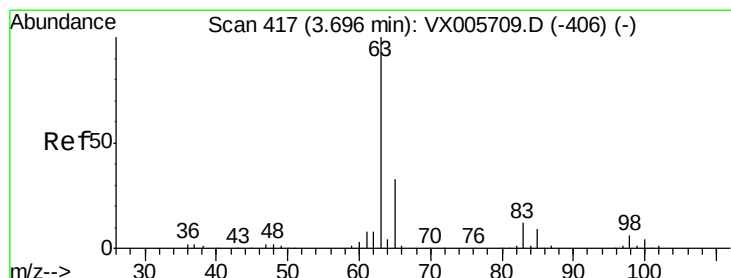
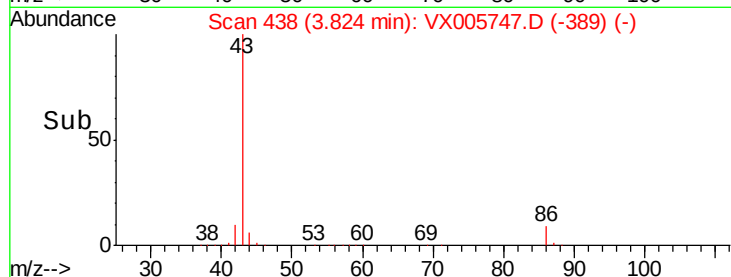
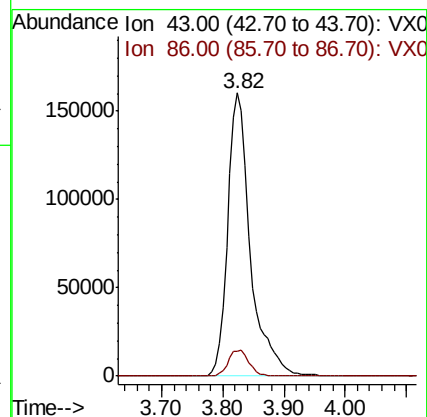
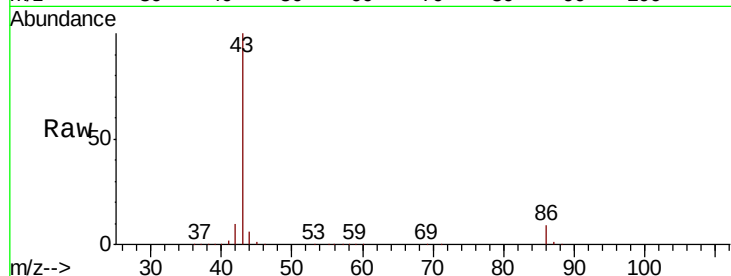
86 9.0 7.4 11.2

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#24

1,1-Dichloroethane

Concen: 19.215 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX005747.D

Acq: 02 Nov 2018 11:08

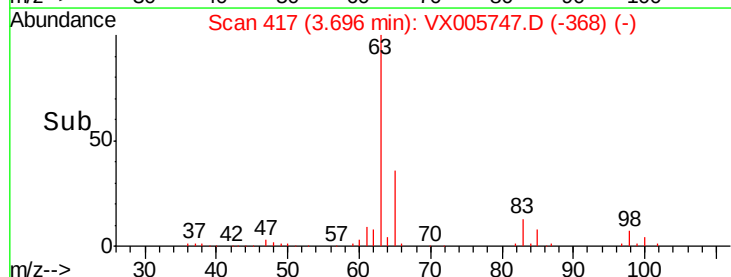
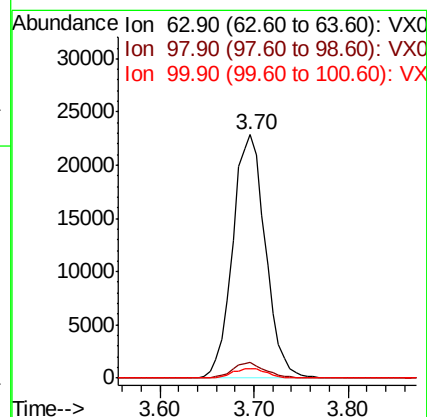
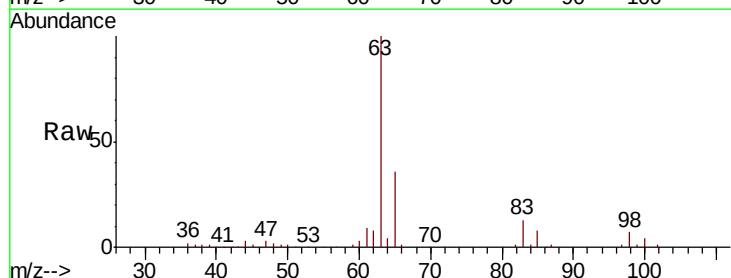
Tgt Ion: 63 Resp: 55115

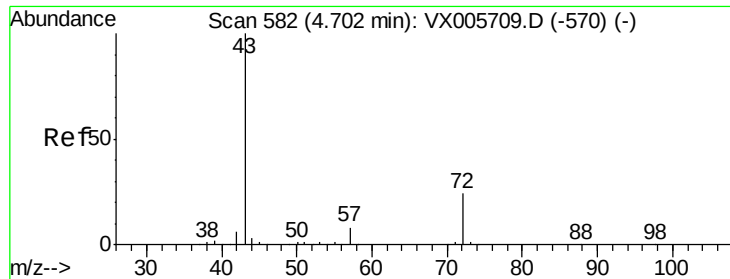
Ion Ratio Lower Upper

63 100

98 6.5 3.2 9.6

100 4.1 2.1 6.2





#25

2-Butanone

Concen: 96.461 ug/l

RT: 4.71 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX005747.D

Acq: 02 Nov 2018 11:08

Instrument :

MSVOA_X

ClientSampleId :

VX1102WBS01

Tot Ion: 43 Resp: 146069

Ion Ratio Lower Upper

43 100

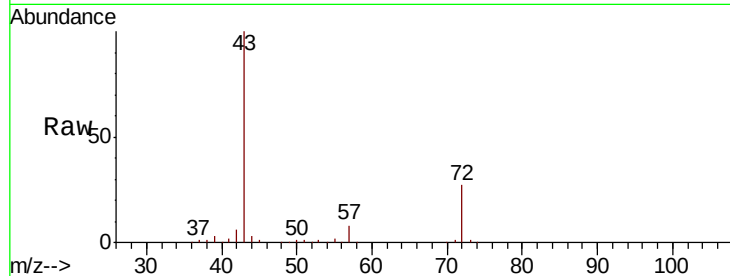
72 27.3 19.2 28.8

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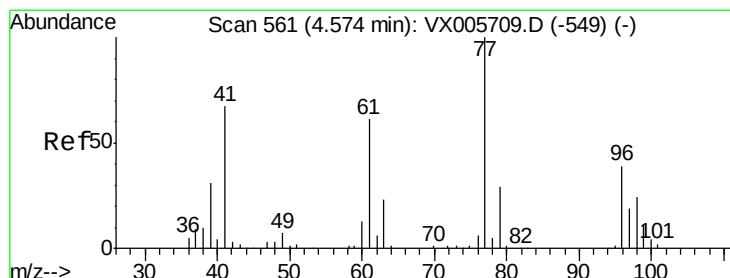
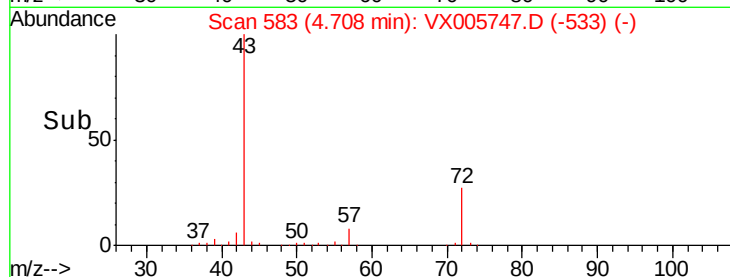
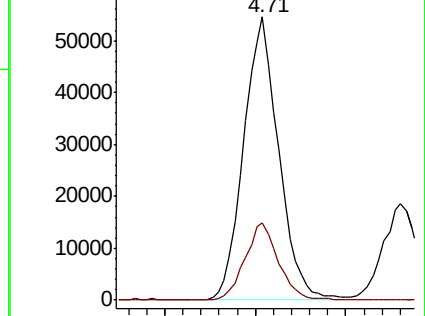
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 18.761 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.01 min

Lab File: VX005747.D

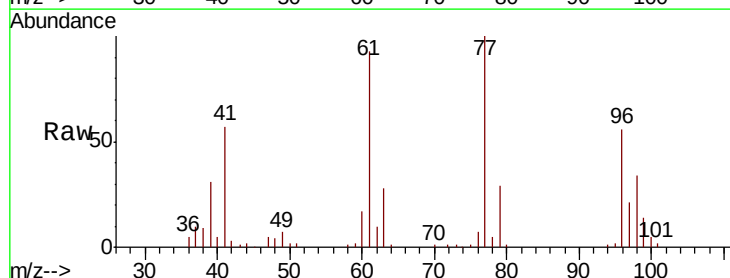
Acq: 02 Nov 2018 11:08

Tgt Ion: 77 Resp: 40225

Ion Ratio Lower Upper

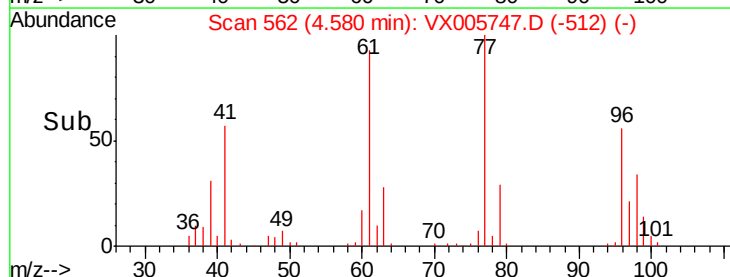
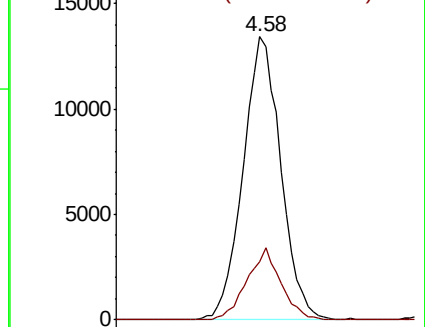
77 100

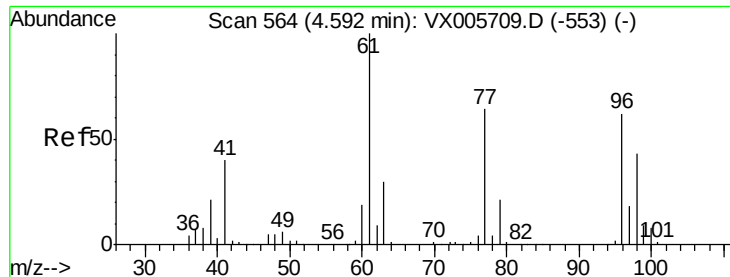
97 22.7 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

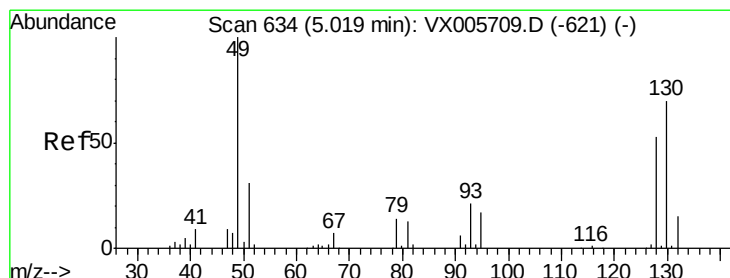
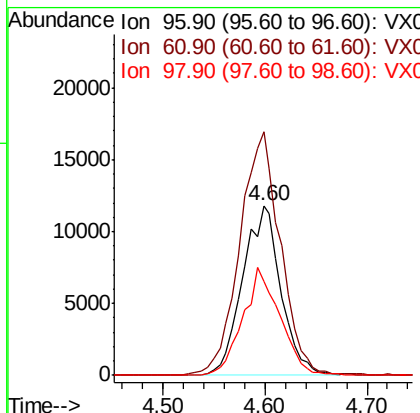
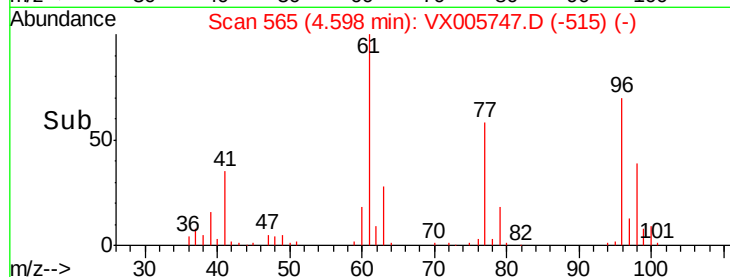
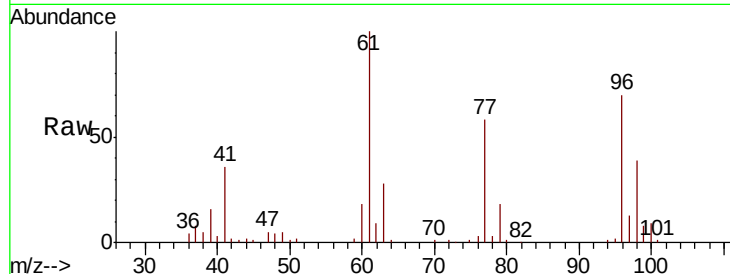
cis-1,2-Dichloroethene
Concen: 19.587 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.01 min
Lab File: VX005747.D
Acq: 02 Nov 2018 11:08

Instrument :
MSVOA_X
ClientSampleId :
VX1102WBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	30799		
61	152.6	0.0	304.6	
98	61.5	0.0	127.4	

Manual Integrations
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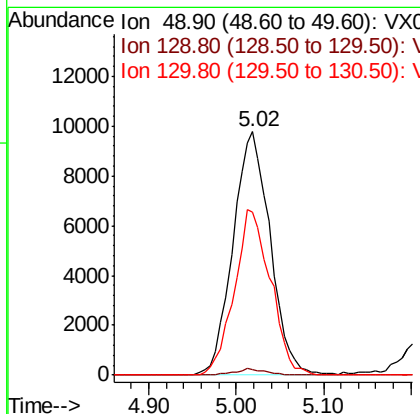
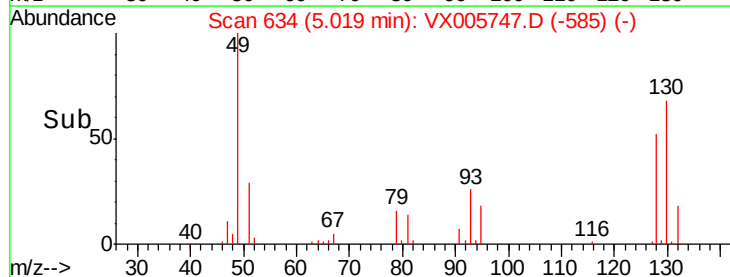
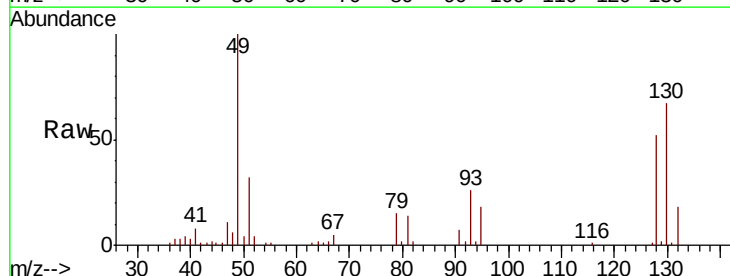
MMDadoda
11/5/2018 3:09:33 PM

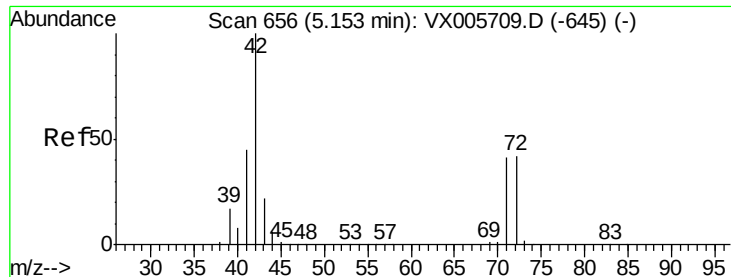


#28

Bromochloromethane
Concen: 20.664 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX005747.D
Acq: 02 Nov 2018 11:08

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	28916		
129	2.1	0.0	4.0	
130	66.1	58.9	88.3	





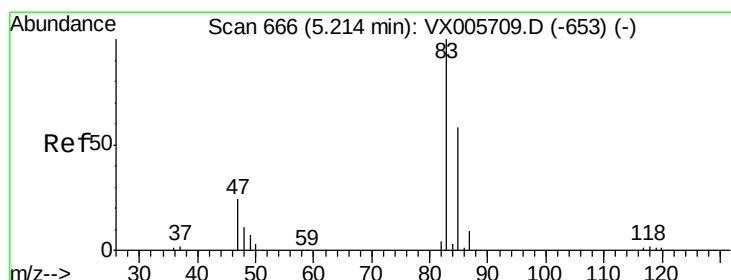
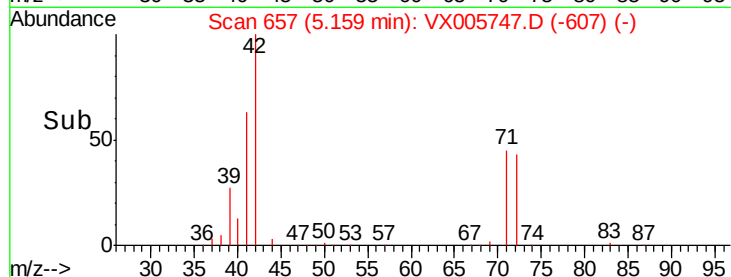
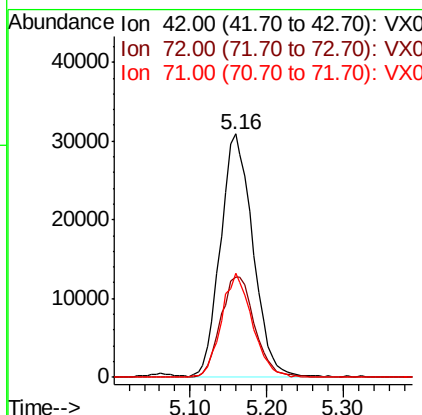
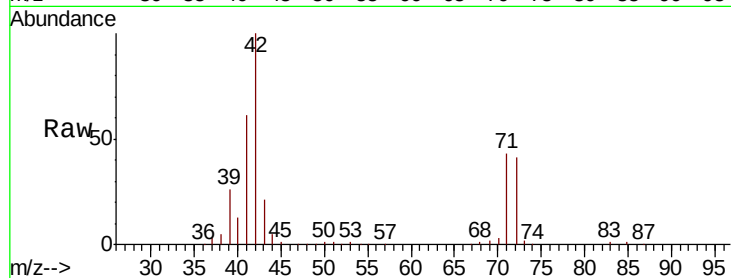
#29
Tetrahydrofuran
Concen: 97.442 ug/l
RT: 5.16 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX005747.D
Acq: 02 Nov 2018 11:08

Instrument :
MSVOA_X
ClientSampleId :
VX1102WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.7	32.0	48.0
71	41.2	29.8	44.8

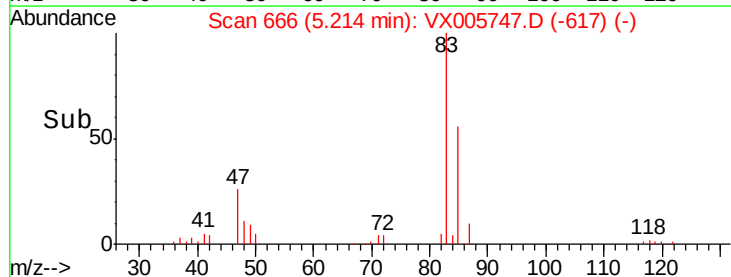
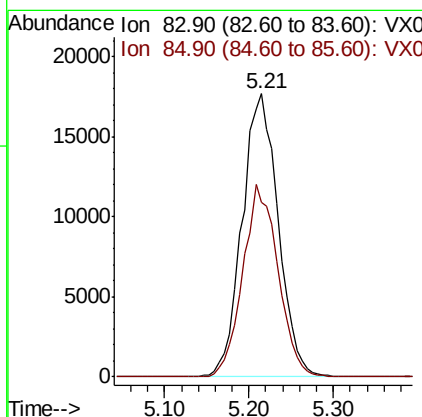
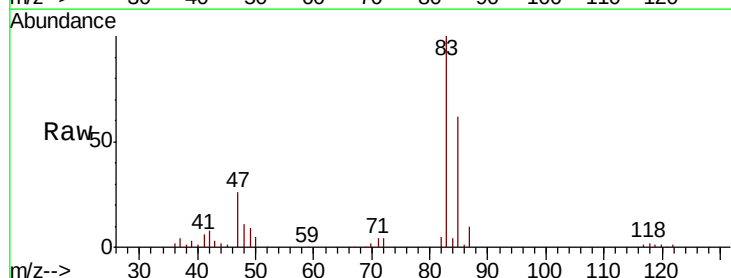
Manual Integrations
APPROVED

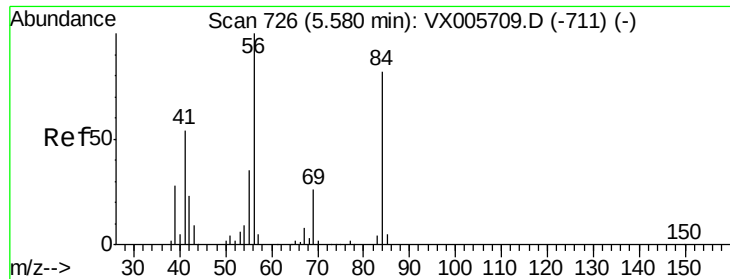
MMDadoda
11/5/2018 3:09:33 PM



#30
Chloroform
Concen: 18.269 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX005747.D
Acq: 02 Nov 2018 11:08

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.7	50.6	76.0





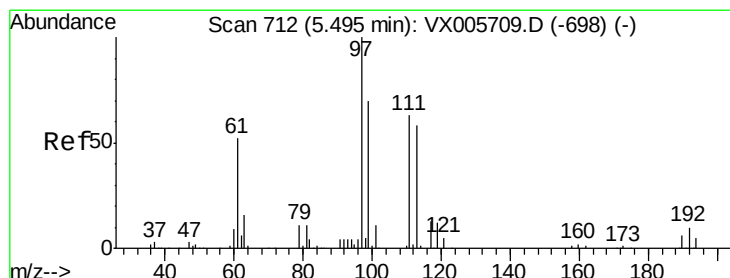
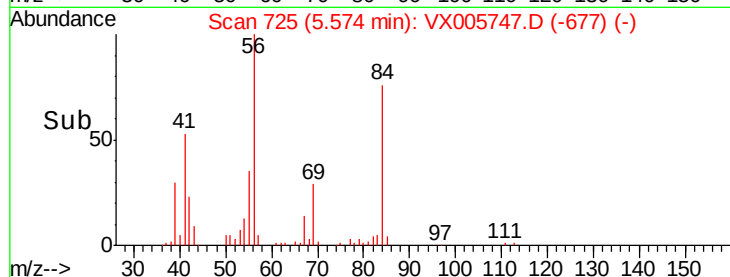
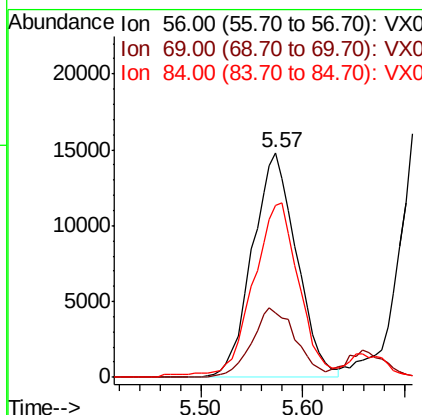
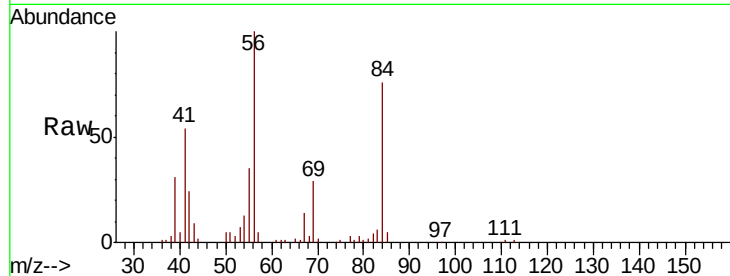
#31
Cyclohexane
Concen: 18.525 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.01 min
Lab File: VX005747.D
Acq: 02 Nov 2018 11:08

Instrument :
MSVOA_X
ClientSampleId :
VX1102WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	28.6	22.6	34.0
84	74.7	62.7	94.1

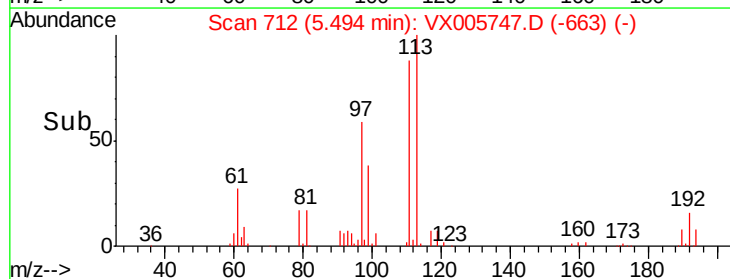
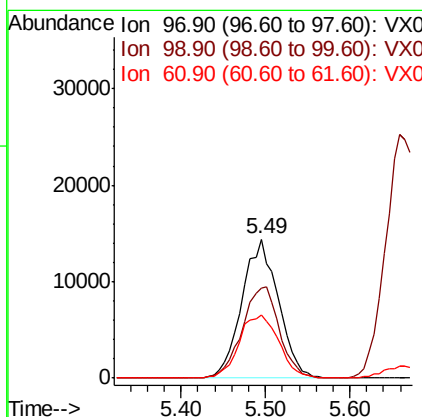
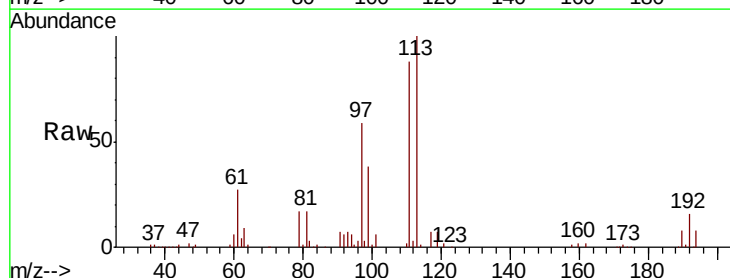
Manual Integrations
APPROVED

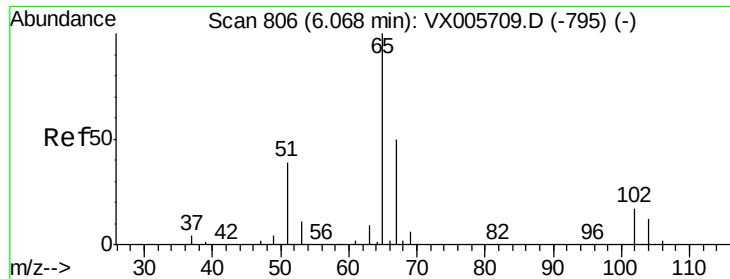
MMDadoda
11/5/2018 3:09:33 PM



#32
1,1,1-Trichloroethane
Concen: 18.823 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX005747.D
Acq: 02 Nov 2018 11:08

Tgt Ion	Ratio	Lower	Upper
97	100		
99	66.6	52.3	78.5
61	49.6	35.2	52.8





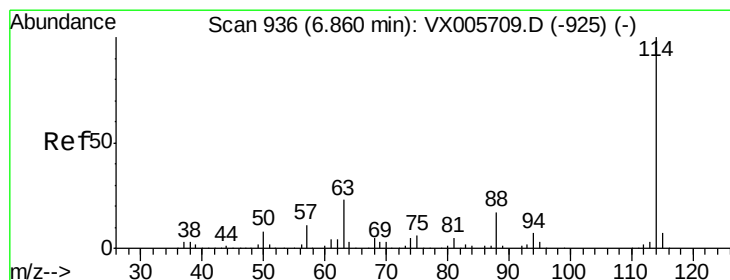
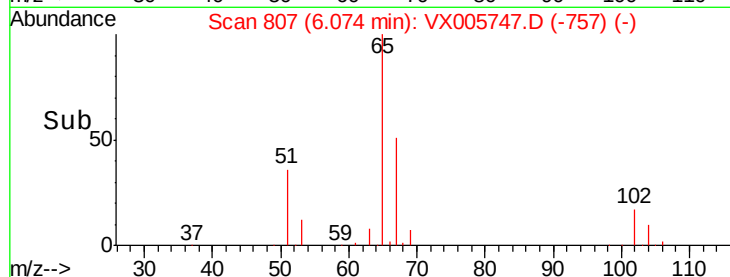
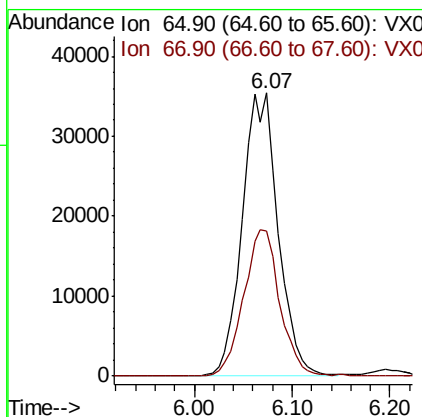
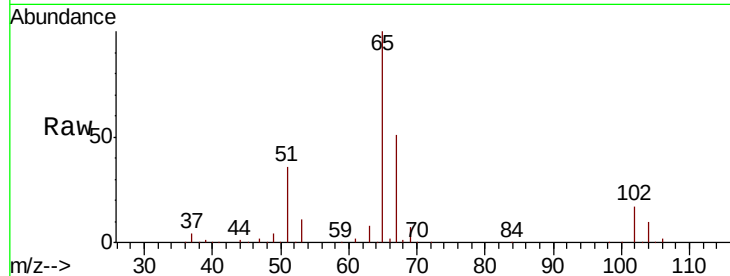
#33
 1,2-Dichloroethane-d4
 Concen: 50.231 ug/l
 RT: 6.07 min Scan# 807
 Delta R.T. 0.01 min
 Lab File: VX005747.D
 Acq: 02 Nov 2018 11:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1102WBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	105.0

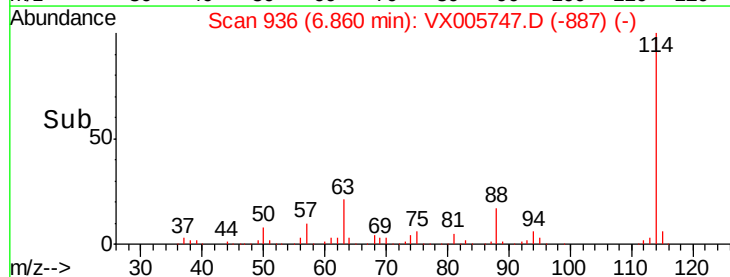
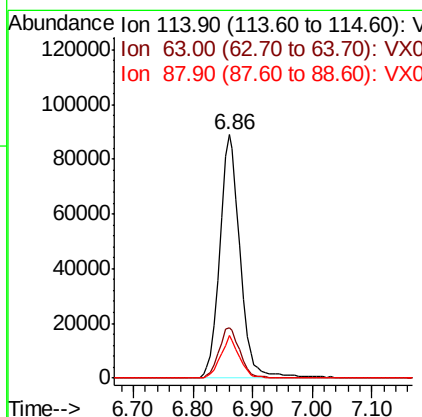
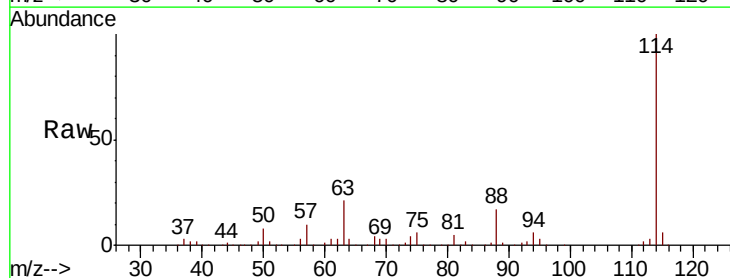
Manual Integrations
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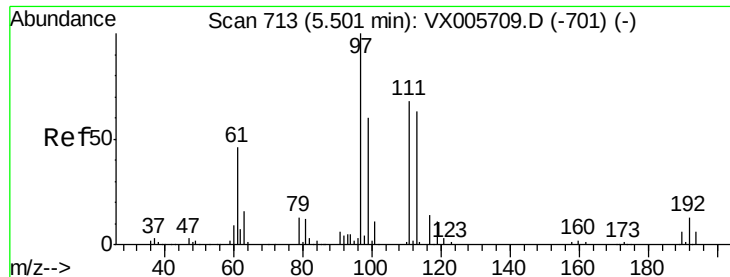
MMDadoda
 11/5/2018 3:09:33 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX005747.D
 Acq: 02 Nov 2018 11:08

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	42.8
88	17.3	0.0	31.2





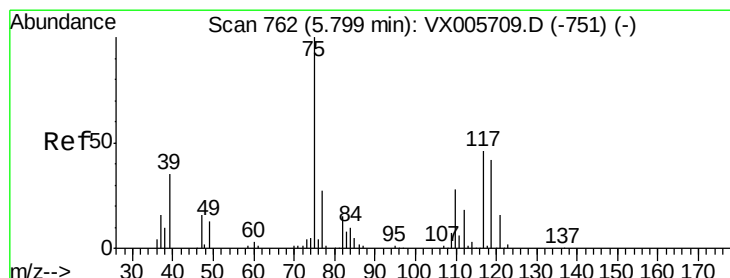
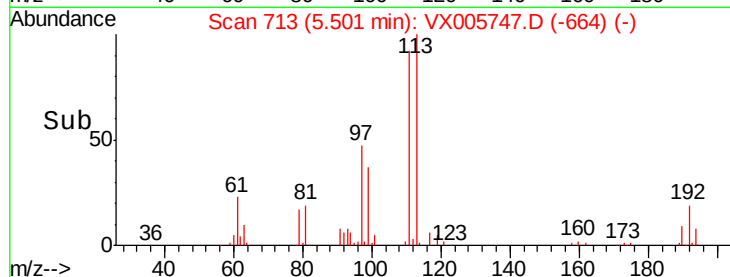
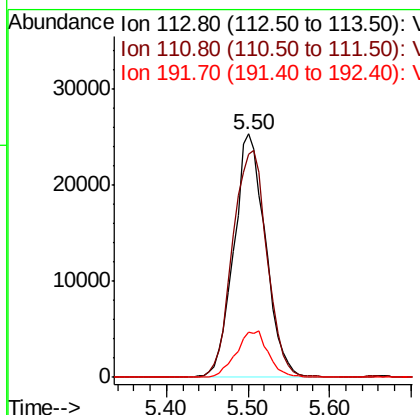
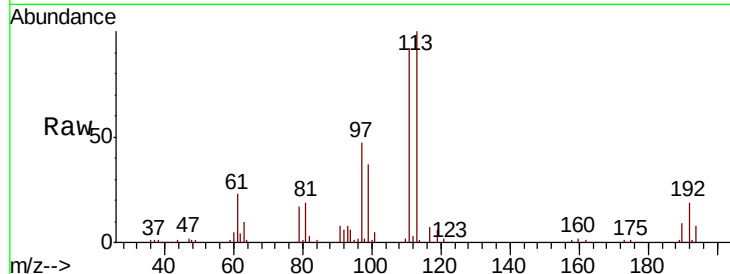
#35
 Dibromofluoromethane
 Concen: 46.684 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX005747.D
 Acq: 02 Nov 2018 11:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1102WBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.1	82.3	123.5
192	19.3	17.9	26.9

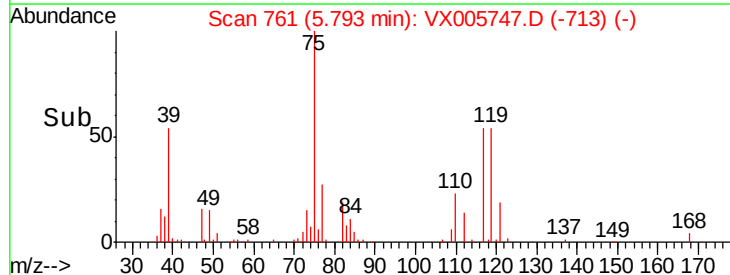
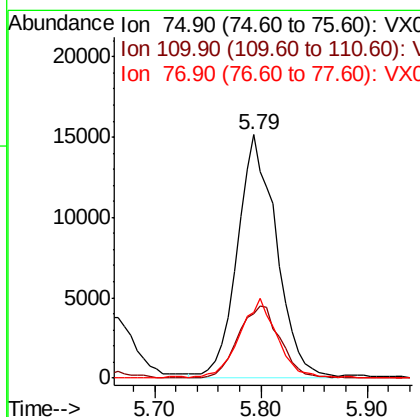
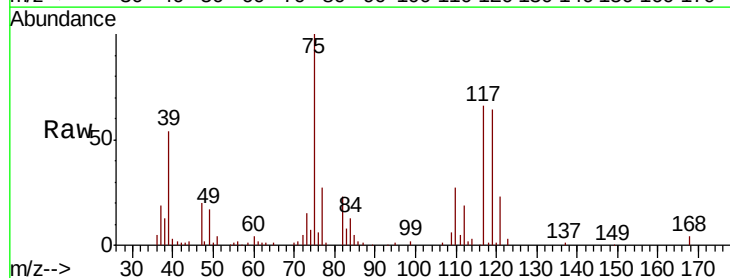
Manual Integrations
 APPROVED

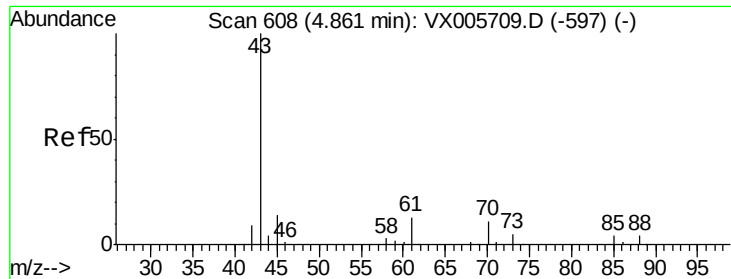
MMDadoda
 11/5/2018 3:09:33 PM



#36
 1,1-Dichloropropene
 Concen: 17.331 ug/l
 RT: 5.79 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: VX005747.D
 Acq: 02 Nov 2018 11:08

Tgt Ion	Ratio	Lower	Upper
75	100		
110	31.7	17.4	52.2
77	31.8	25.8	38.6





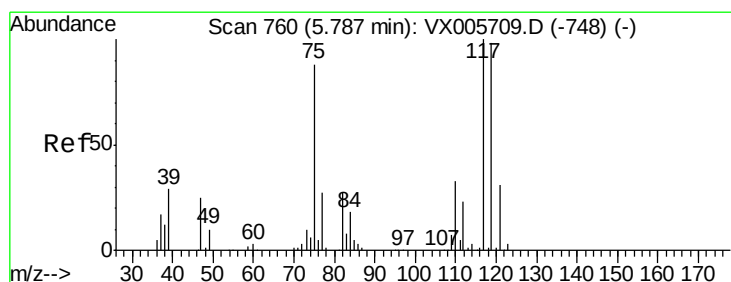
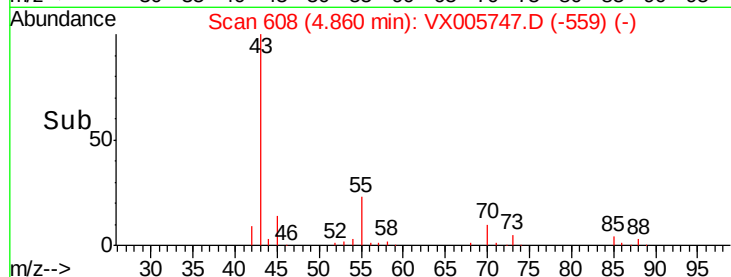
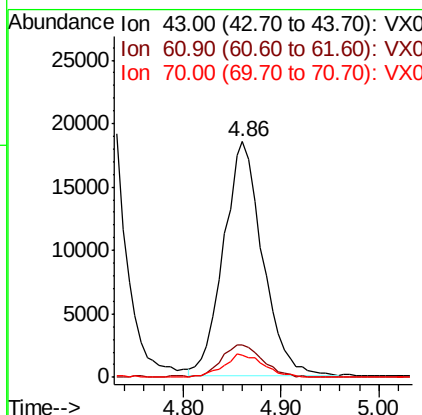
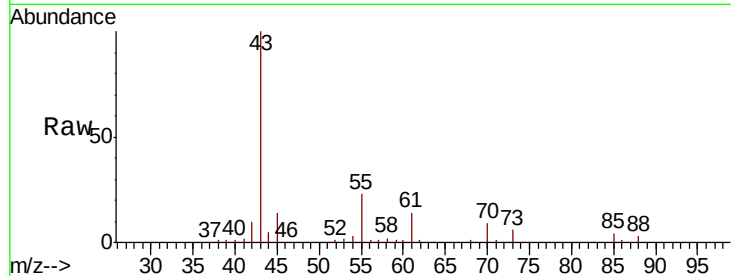
#37
Ethyl Acetate
Concen: 17.790 ug/l
RT: 4.86 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX005747.D
Acq: 02 Nov 2018 11:08

Instrument :
MSVOA_X
ClientSampleId :
VX1102WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.8	10.8	16.2
70	10.3	7.8	11.8

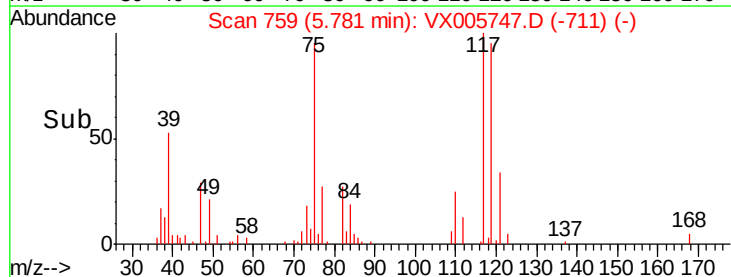
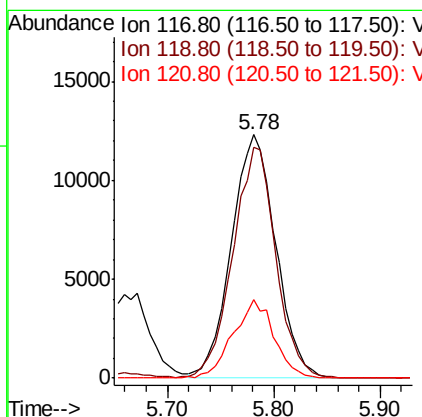
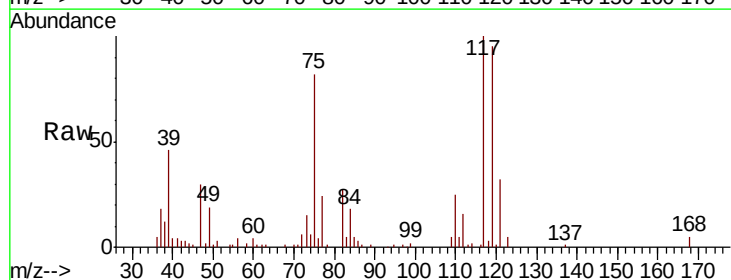
Manual Integrations
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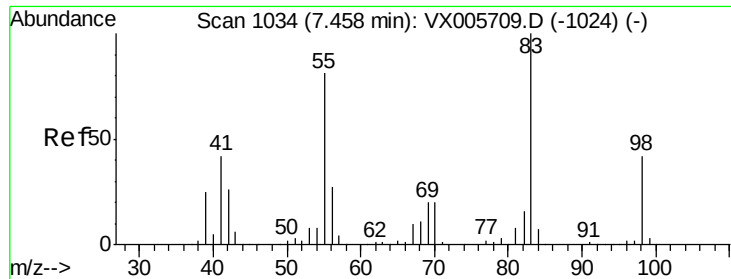
MMDadoda
11/5/2018 3:09:33 PM



#38
Carbon Tetrachloride
Concen: 17.709 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX005747.D
Acq: 02 Nov 2018 11:08

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.5	78.1	117.1
121	32.4	24.6	36.8





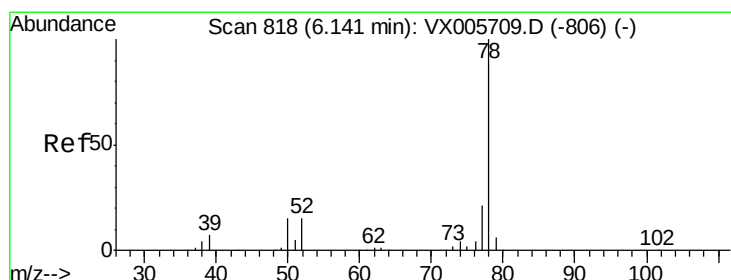
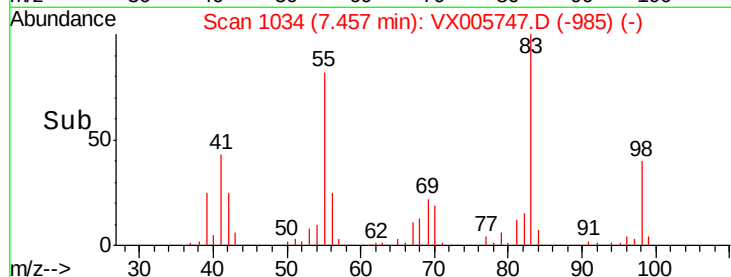
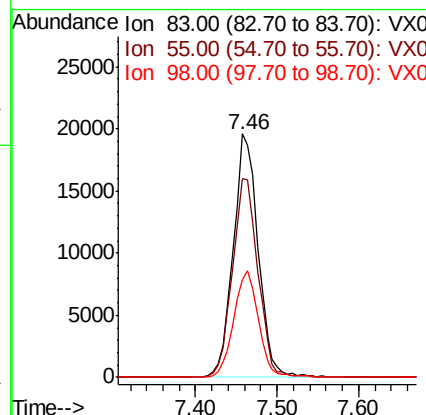
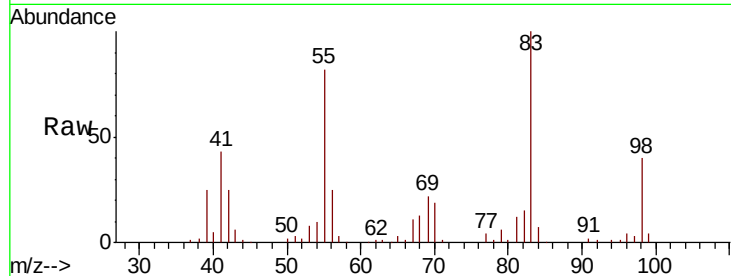
#39
Methylvlcyclohexane
Concen: 17.519 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VX005747.D
Acq: 02 Nov 2018 11:08

Instrument :
MSVOA_X
ClientSampleId :
VX1102WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	81.8	63.7	95.5
98	39.9	36.2	54.2

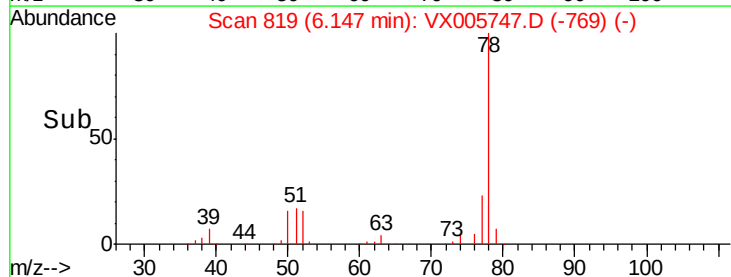
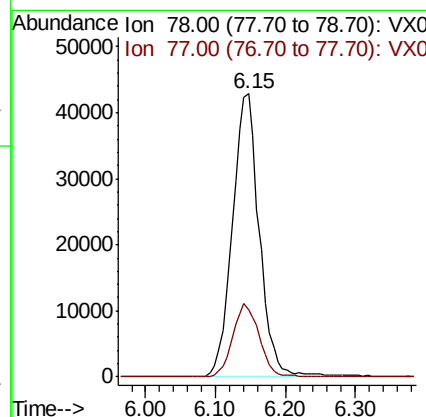
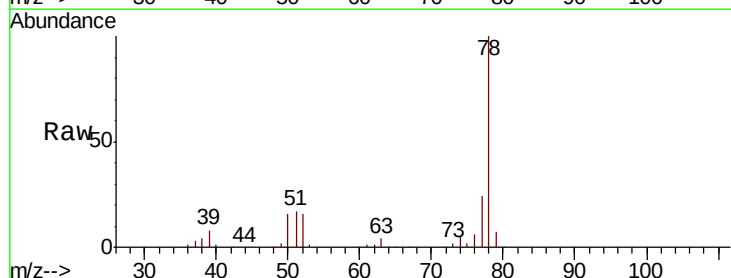
Manual Integrations
APPROVED

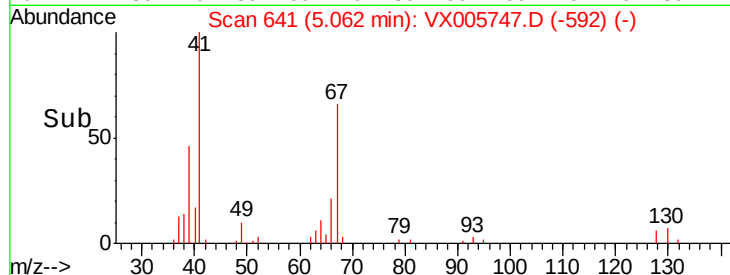
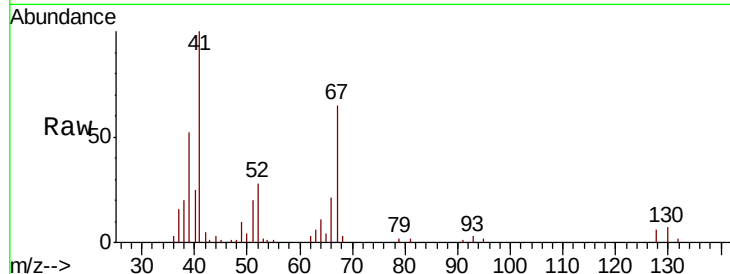
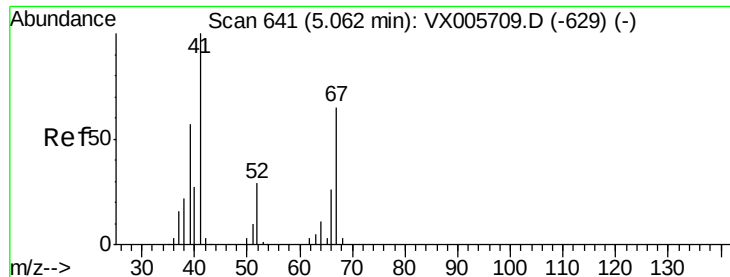
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11/5/2018 3:09:33 PM



#40
Benzene
Concen: 17.075 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX005747.D
Acq: 02 Nov 2018 11:08

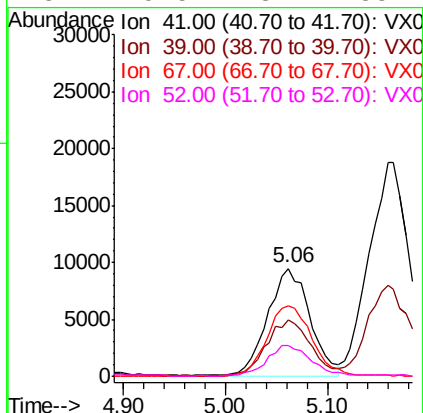
Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.4	27.6





#41
Methacrylonitrile
Concen: 17.771 ug/l
RT: 5.06 min Scan# 641
Delta R.T. -0.00 min
Lab File: VX005747.D
Acq: 02 Nov 2018 11:08

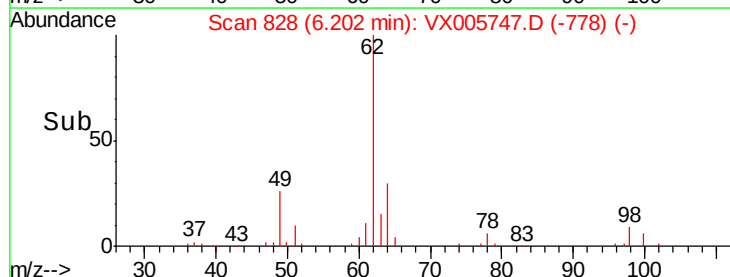
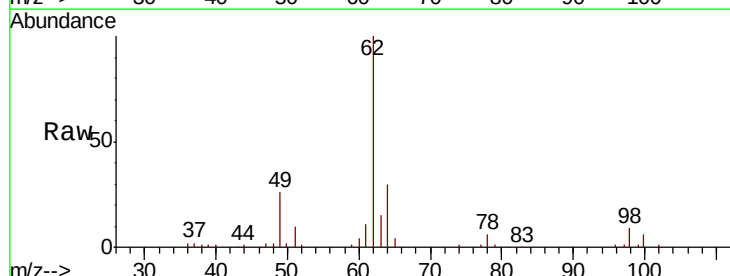
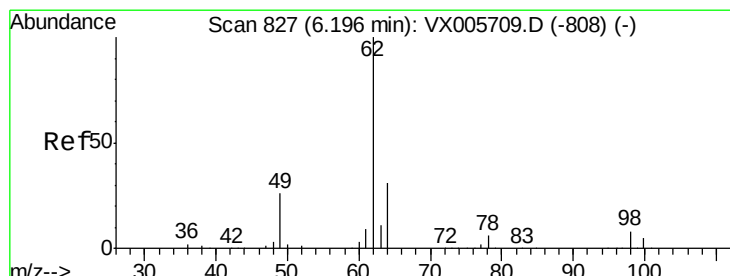
Tot Ion	Ratio	Lower	Upper
41	100		
39	53.2	42.2	63.2
67	69.3	53.4	80.0
52	29.5	23.4	35.2



Instrument :
MSVOA_X
ClientSampleId :
VX1102WBS01

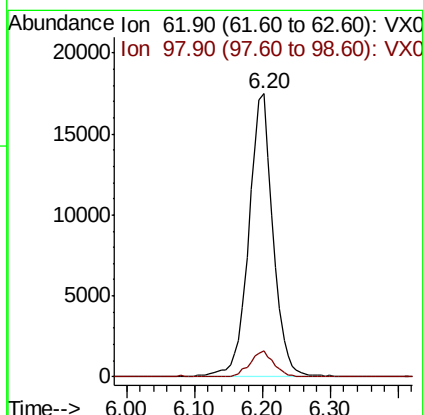
Manual Integrations
APPROVED

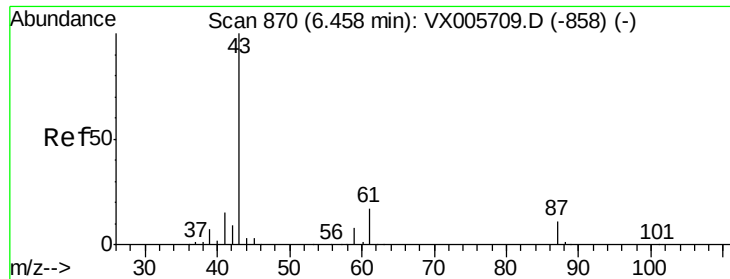
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11/5/2018 3:09:33 PM



#42
1,2-Dichloroethane
Concen: 17.573 ug/l
RT: 6.20 min Scan# 828
Delta R.T. 0.01 min
Lab File: VX005747.D
Acq: 02 Nov 2018 11:08

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	17.8





#43

Isopropyl Acetate

Concen: 17.310 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX005747.D

Acq: 02 Nov 2018 11:08

Instrument :

MSVOA_X

ClientSampleId :

VX1102WBS01

Tot Ion: 43 Resp: 72039

Ion Ratio Lower Upper

43 100

61 19.5 14.6 22.0

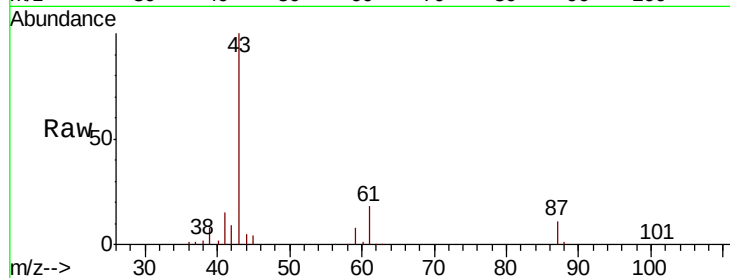
87 12.9 9.6 14.4

Manual Integrations

APPROVED

MMDadoda

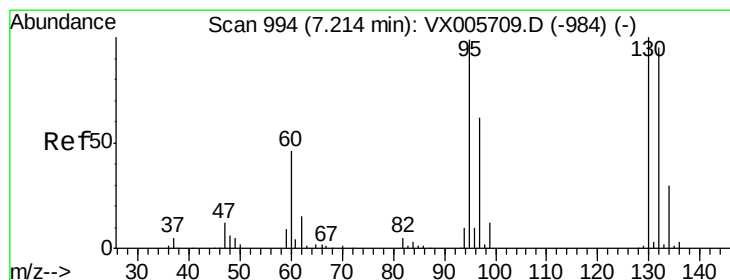
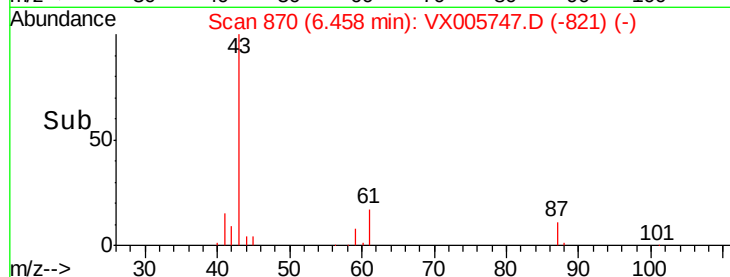
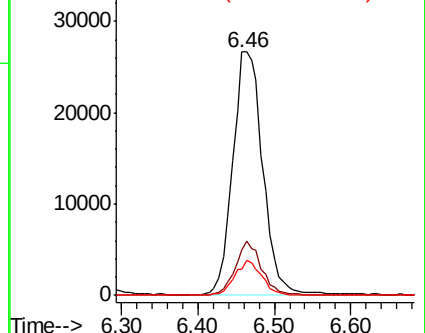
11/5/2018 3:09:33 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 17.571 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX005747.D

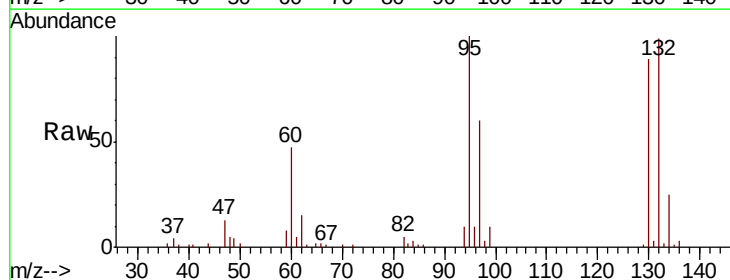
Acq: 02 Nov 2018 11:08

Tgt Ion: 130 Resp: 27172

Ion Ratio Lower Upper

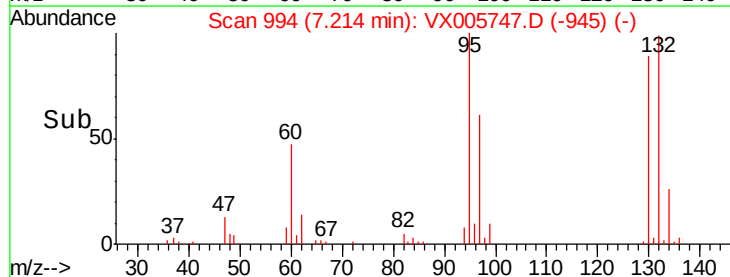
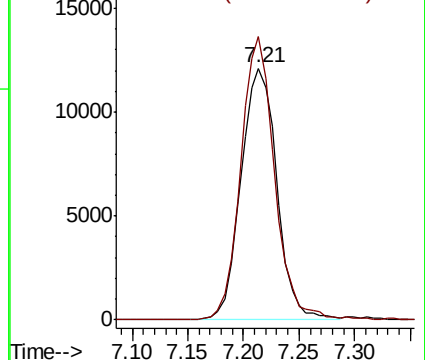
130 100

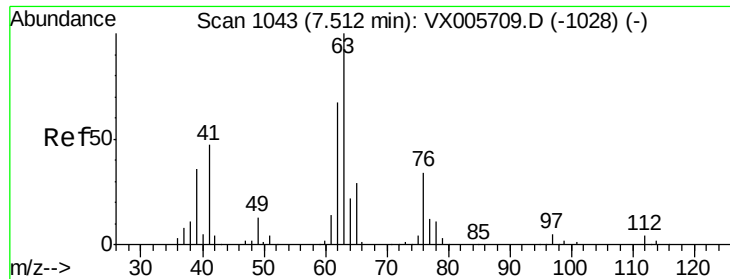
95 112.6 0.0 194.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





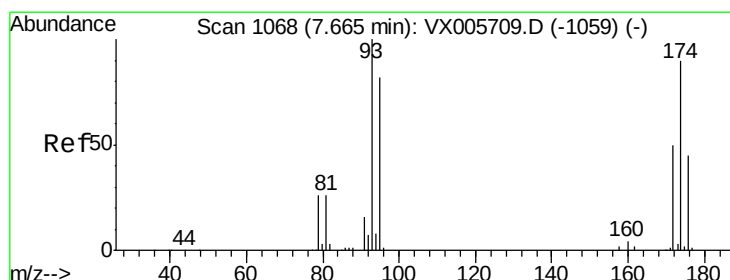
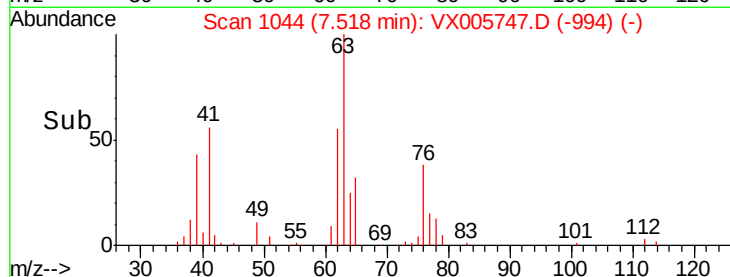
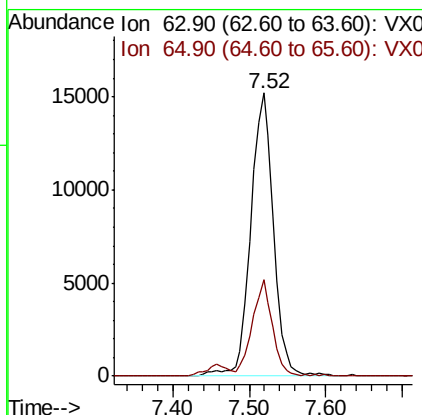
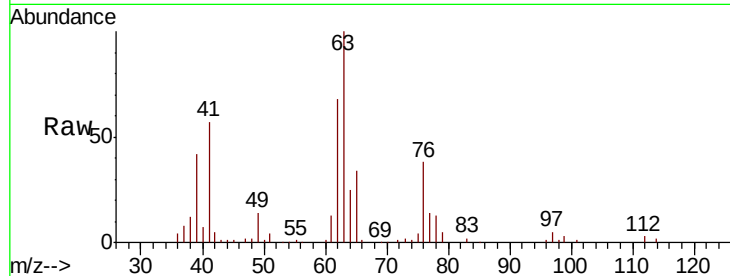
#45
1,2-Dichloropropane
Concen: 18.426 ug/l
RT: 7.52 min Scan# 1044
Delta R.T. 0.01 min
Lab File: VX005747.D
Acq: 02 Nov 2018 11:08

Instrument :
MSVOA_X
ClientSampleId :
VX1102WBS01

Tot Ion: 63 Resp: 31573
Ion Ratio Lower Upper
63 100
65 34.0 24.8 37.2

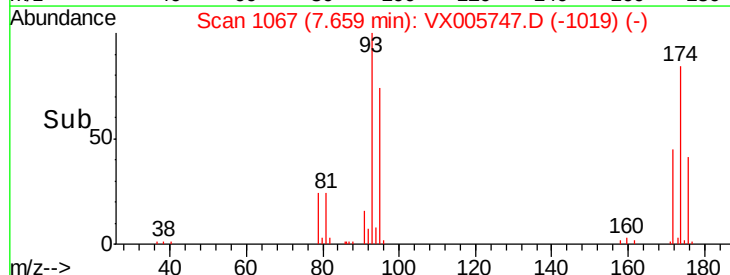
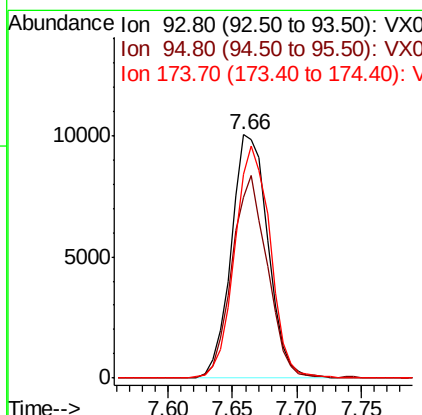
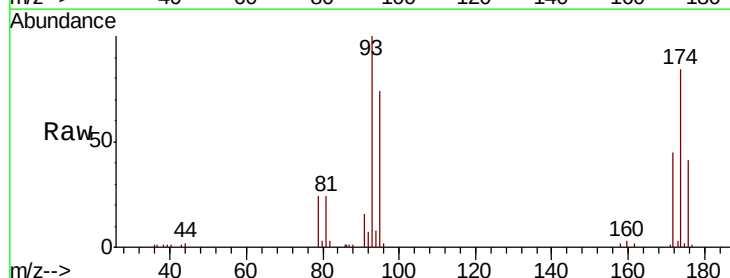
Manual Integrations
APPROVED

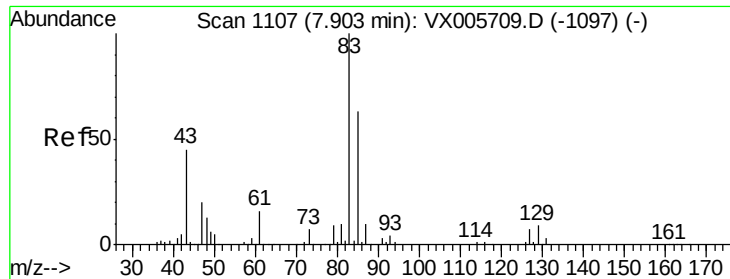
MMDadoda
11/5/2018 3:09:33 PM



#46
Dibromomethane
Concen: 18.184 ug/l
RT: 7.66 min Scan# 1067
Delta R.T. -0.01 min
Lab File: VX005747.D
Acq: 02 Nov 2018 11:08

Tgt Ion: 93 Resp: 19912
Ion Ratio Lower Upper
93 100
95 79.9 67.4 101.0
174 92.0 91.5 137.3





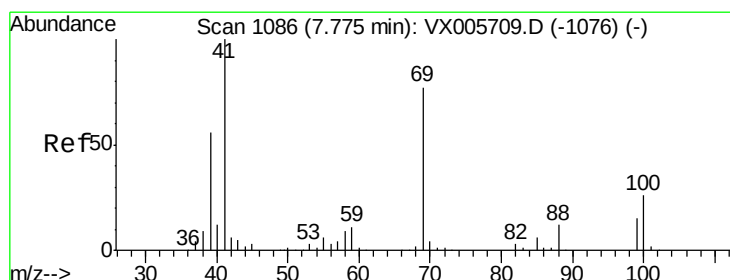
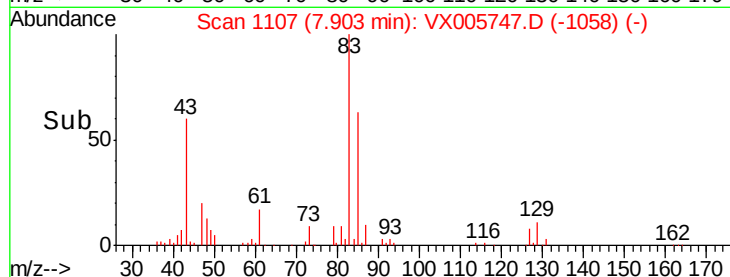
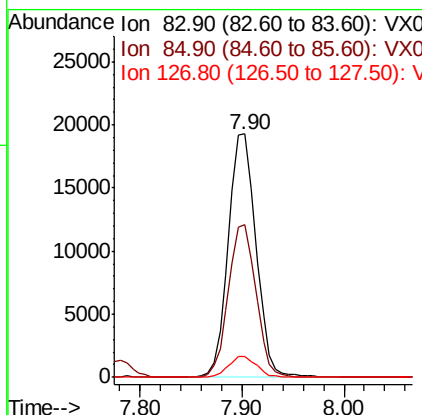
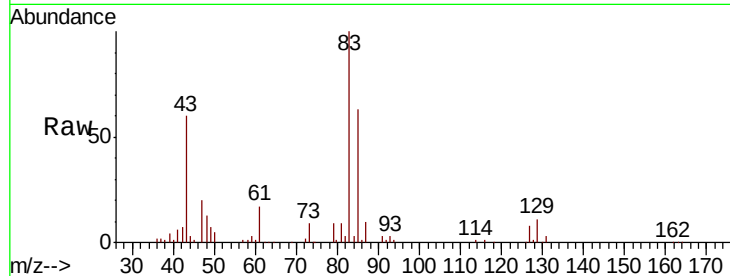
#47
Bromodichloromethane
Concen: 17.628 ug/l
RT: 7.90 min Scan# 1107
Delta R.T. -0.00 min
Lab File: VX005747.D
Acq: 02 Nov 2018 11:08

Instrument :
MSVOA_X
ClientSampleId :
VX1102WBS01

Tot Ion	83	Resp	36209
Ion Ratio	100	Lower	Upper
83	100		
85	62.8	50.2	75.4
127	8.4	6.9	10.3

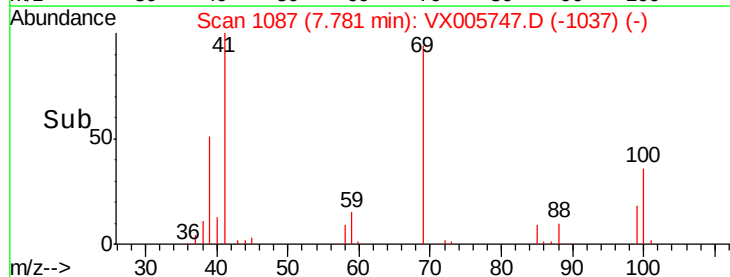
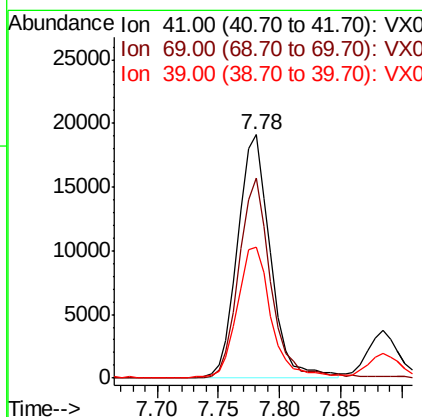
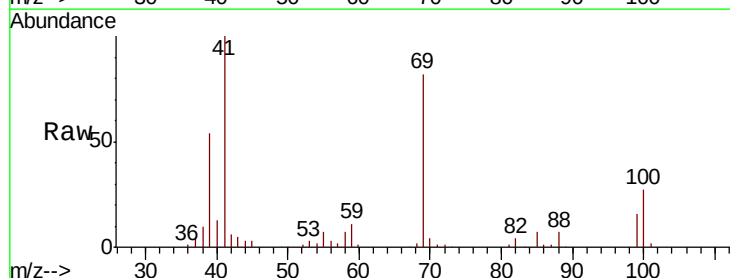
Manual Integrations
APPROVED

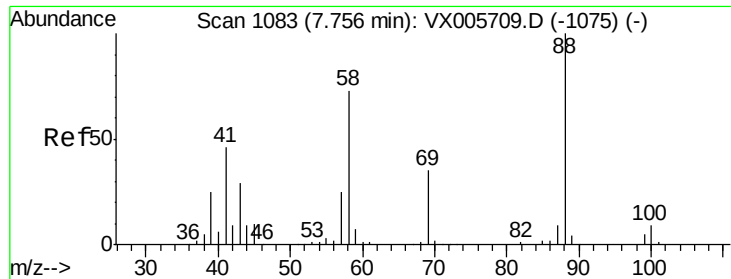
MMDadoda
11/5/2018 3:09:33 PM



#48
Methyl methacrylate
Concen: 17.718 ug/l
RT: 7.78 min Scan# 1087
Delta R.T. 0.01 min
Lab File: VX005747.D
Acq: 02 Nov 2018 11:08

Tgt Ion	41	Resp	35689
Ion Ratio	100	Lower	Upper
41	100		
69	80.3	63.2	94.8
39	55.9	42.2	63.2





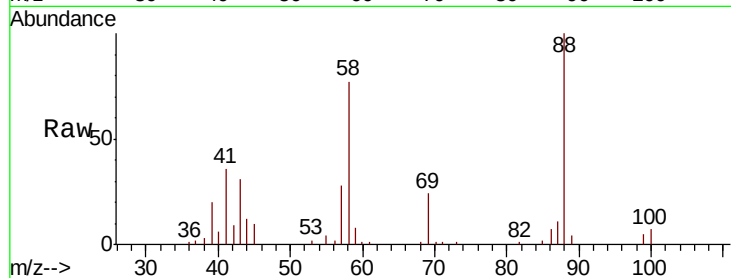
#49
1,4-Dioxane
Concen: 373.380 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. -0.00 min
Lab File: VX005747.D
Acq: 02 Nov 2018 11:08

Instrument :
MSVOA_X
ClientSampleId :
VX1102WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	37.7	27.4	41.0
58	75.1	59.4	89.2

Manual Integrations
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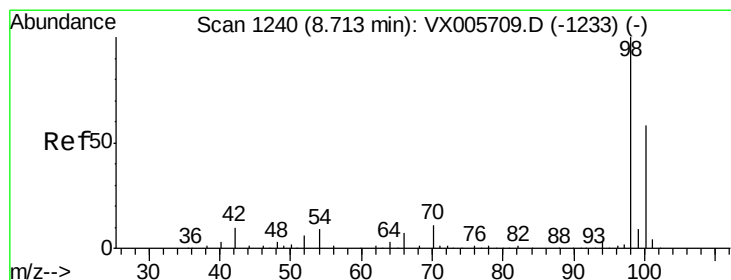
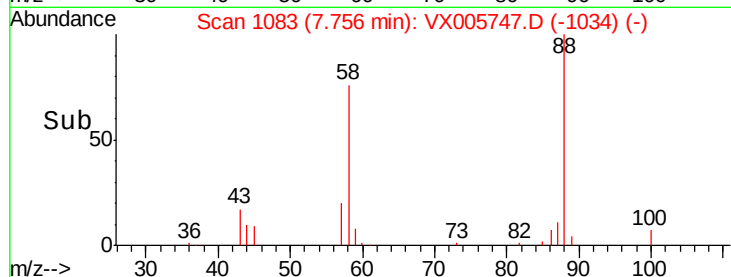
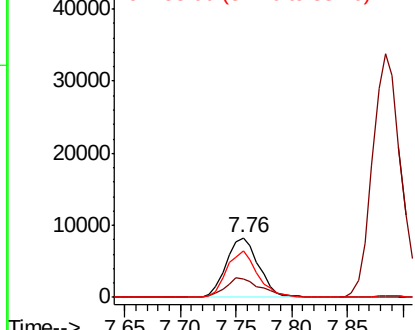


Abundance

Ion 88.00 (87.70 to 88.70): VX0

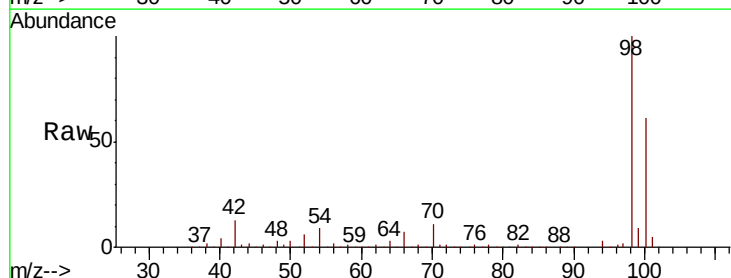
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50
Toluene-d8
Concen: 45.915 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005747.D
Acq: 02 Nov 2018 11:08

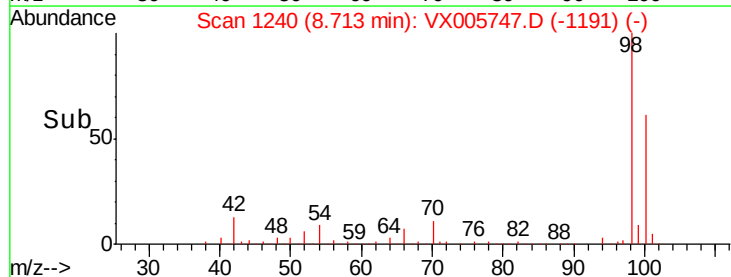
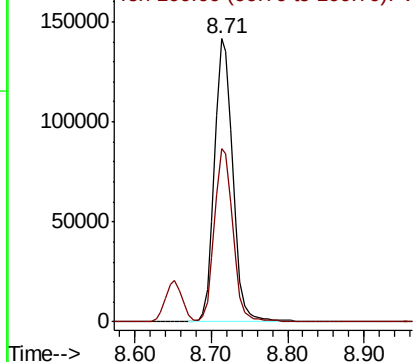
Tgt Ion	Ratio	Lower	Upper
98	100		
100	61.4	51.3	76.9

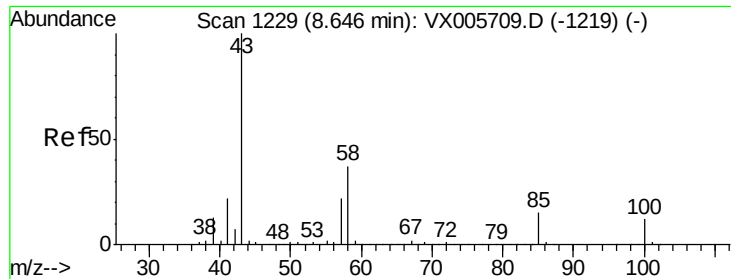


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 89.521 ug/l

RT: 8.65 min Scan# 1230

Delta R.T. 0.01 min

Lab File: VX005747.D

Acq: 02 Nov 2018 11:08

Instrument :

MSVOA_X

ClientSampled :

VX1102WBS01

Tot Ion: 43 Resp: 254032

Ion Ratio Lower Upper

43 100

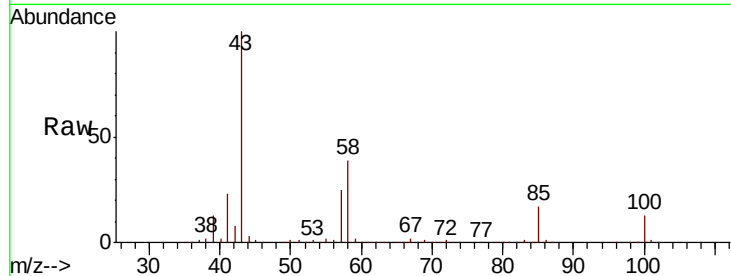
58 37.7 29.7 44.5

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.65

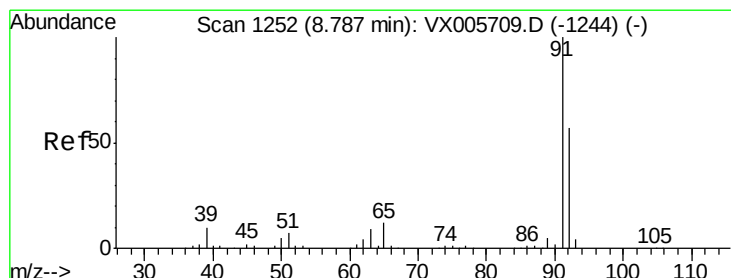
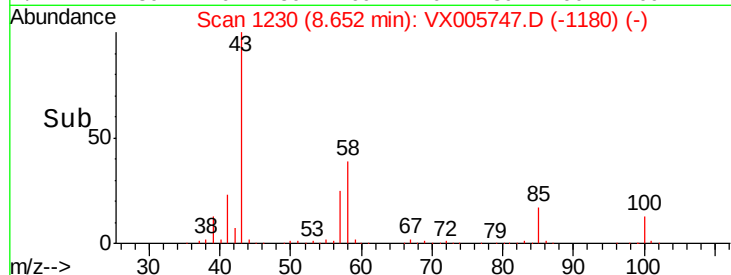
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 17.726 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX005747.D

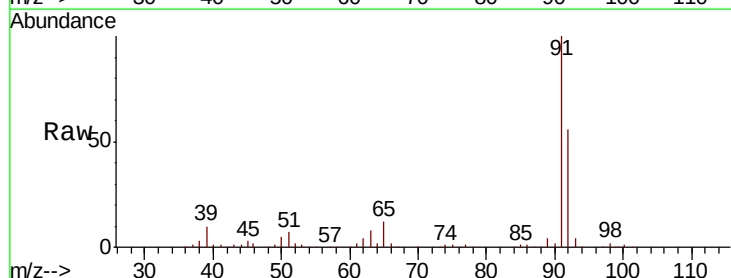
Acq: 02 Nov 2018 11:08

Tgt Ion: 92 Resp: 64107

Ion Ratio Lower Upper

92 100

91 177.8 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

80000

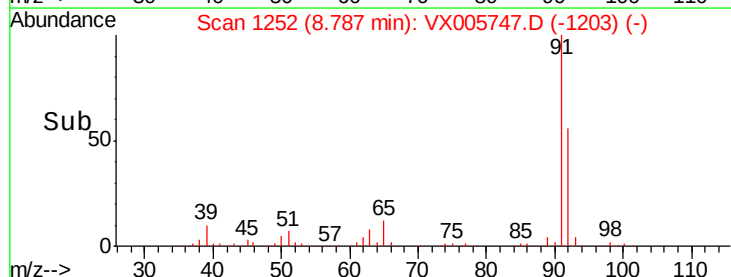
60000

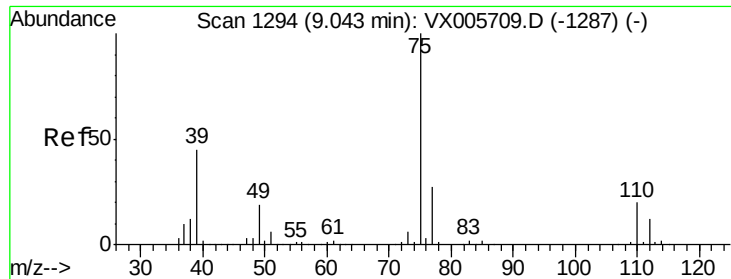
40000

20000

0

Time-->





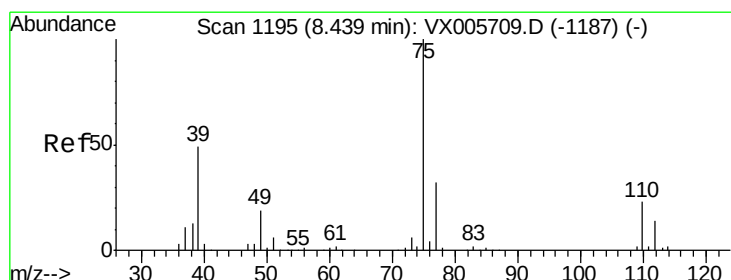
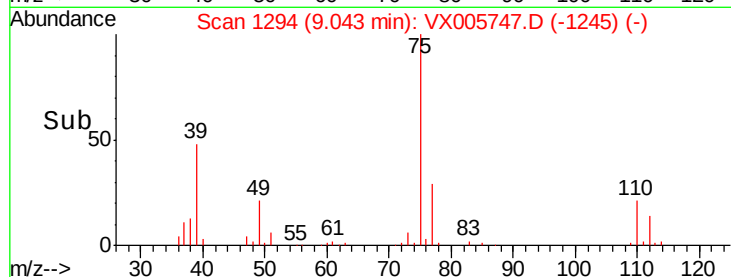
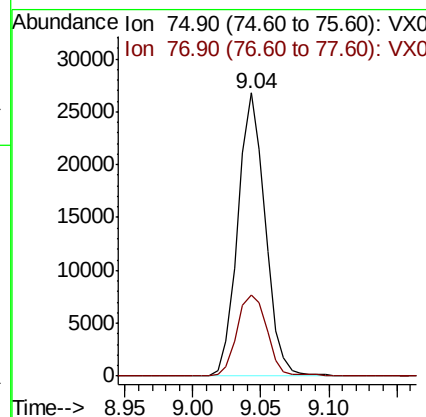
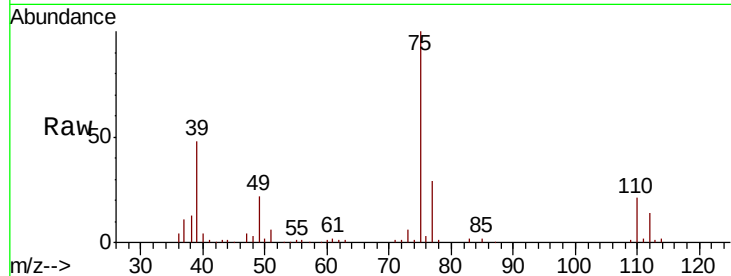
#53
t-1,3-Dichloropropene
Concen: 16.888 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX005747.D
Acq: 02 Nov 2018 11:08

Instrument :
MSVOA_X
ClientSampleId :
VX1102WBS01

Tot Ion: 75 Resp: 37593
Ion Ratio Lower Upper
75 100
77 28.8 25.4 38.2

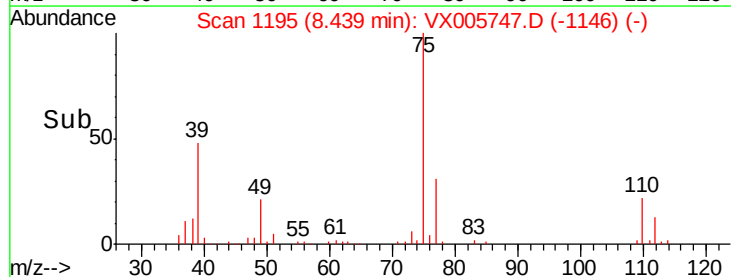
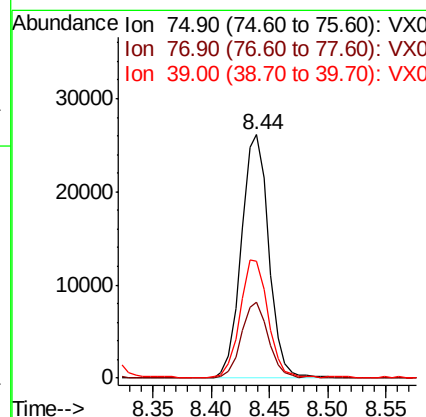
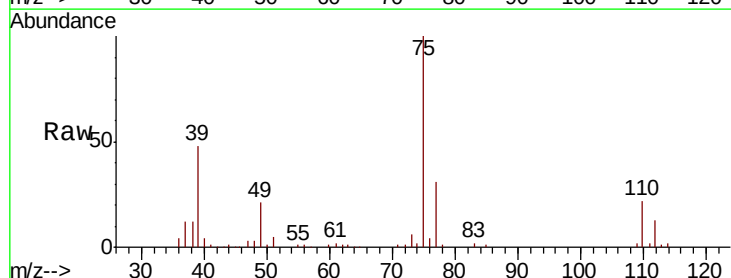
Manual Integrations
APPROVED

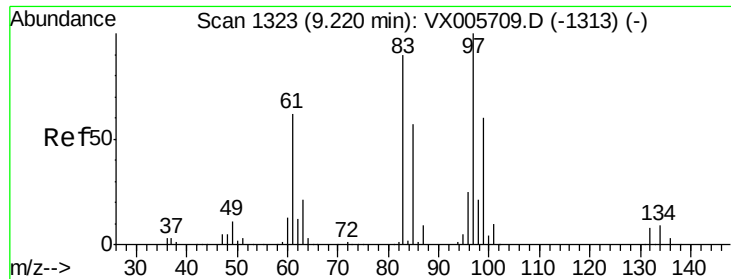
MMDadoda
11/5/2018 3:09:33 PM



#54
cis-1,3-Dichloropropene
Concen: 18.097 ug/l
RT: 8.44 min Scan# 1195
Delta R.T. -0.00 min
Lab File: VX005747.D
Acq: 02 Nov 2018 11:08

Tgt Ion: 75 Resp: 43160
Ion Ratio Lower Upper
75 100
77 31.0 25.2 37.8
39 47.8 38.2 57.2





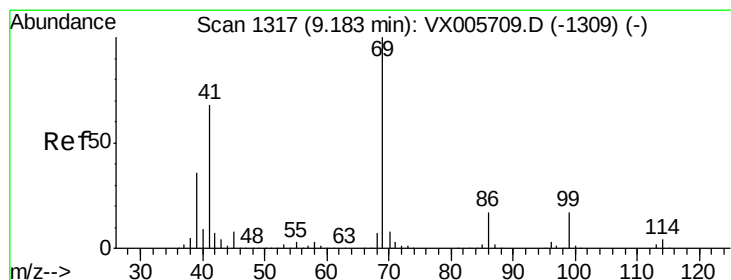
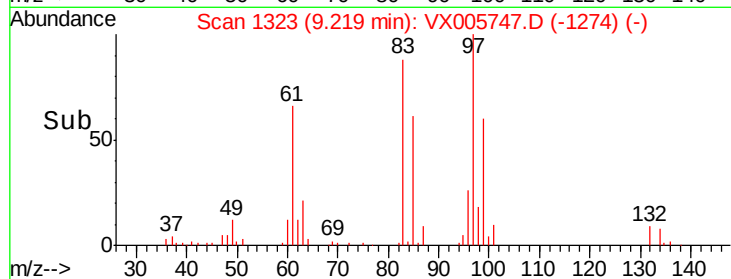
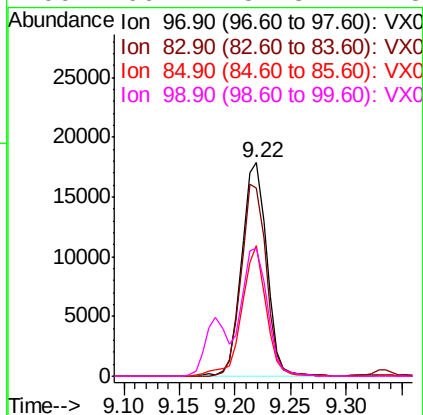
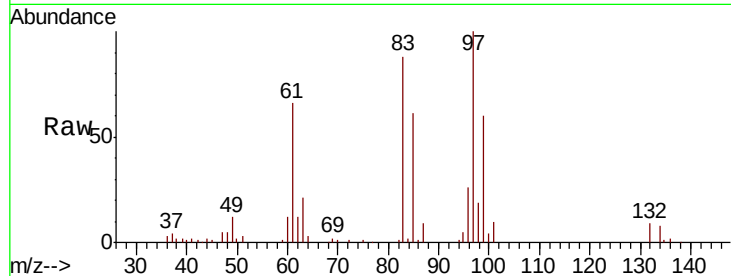
#55
 1,1,2-Trichloroethane
 Concen: 17.805 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: VX005747.D
 Acq: 02 Nov 2018 11:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1102WBS01

Tot Ion	97	Resp	27965
Ion	Ratio	Lower	Upper
97	100		
83	88.3	70.7	106.1
85	60.9	45.8	68.6
99	60.1	51.8	77.8

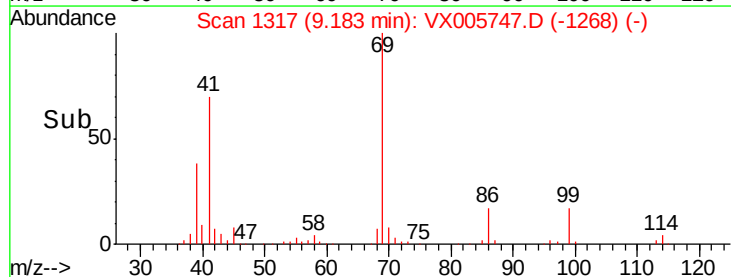
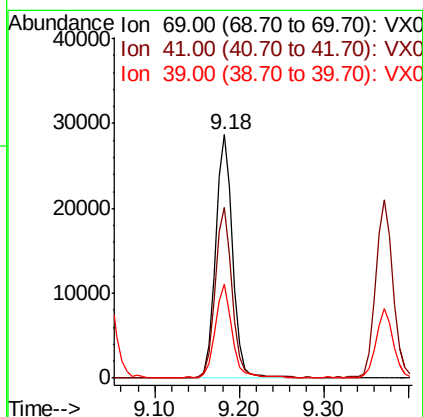
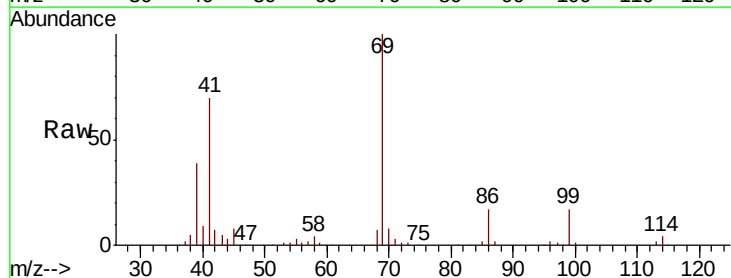
Manual Integrations
 APPROVED

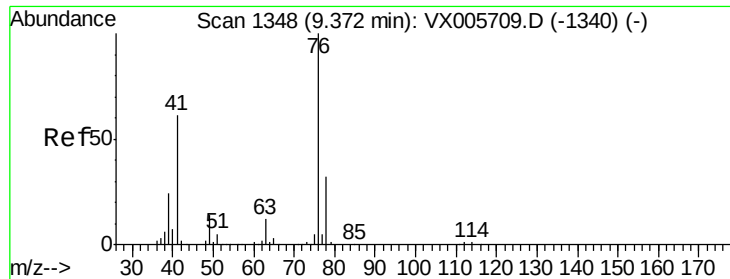
MMDadoda
 11/5/2018 3:09:33 PM



#56
 Ethyl methacrylate
 Concen: 16.834 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX005747.D
 Acq: 02 Nov 2018 11:08

Tgt Ion	69	Resp	40285
Ion	Ratio	Lower	Upper
69	100		
41	70.6	57.0	85.6
39	37.7	28.3	42.5





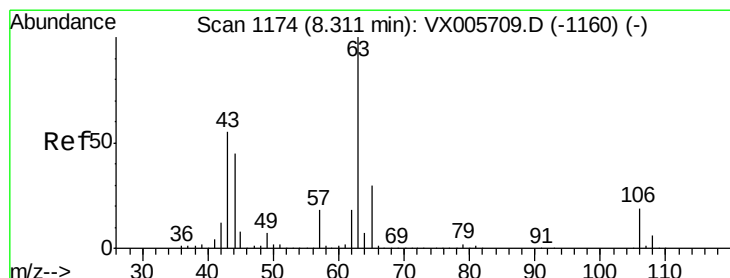
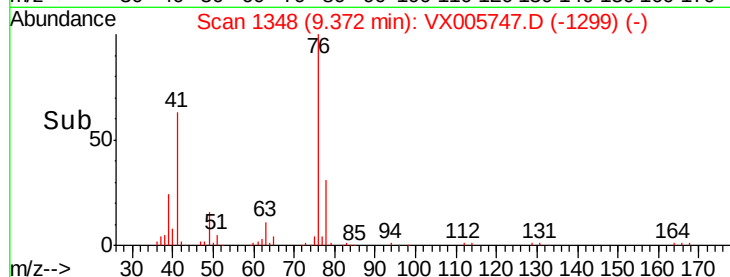
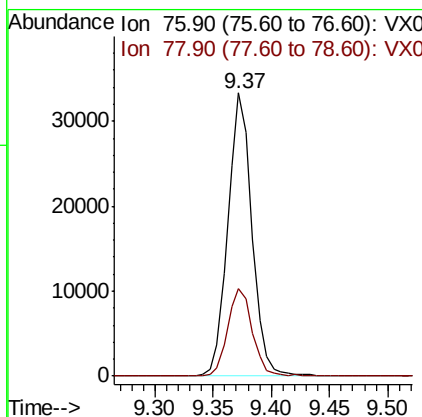
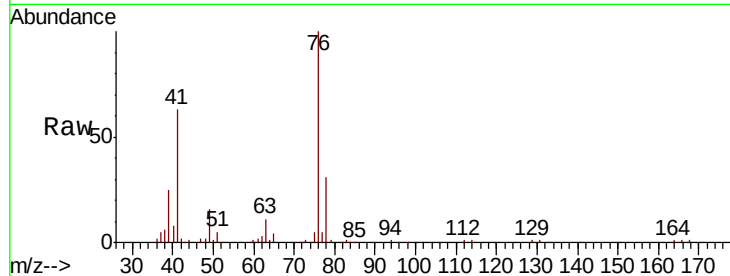
#57
 1,3-Dichloropropane
 Concen: 17.781 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX005747.D
 Acq: 02 Nov 2018 11:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1102WBS01

Tot Ion: 76 Resp: 47972
 Ion Ratio Lower Upper
 76 100
 78 31.6 25.3 37.9

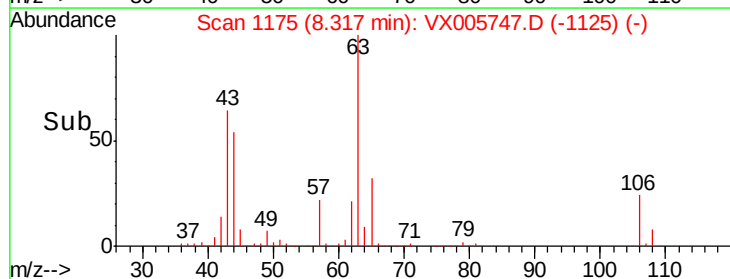
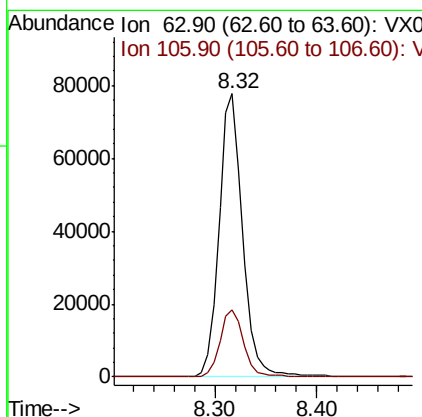
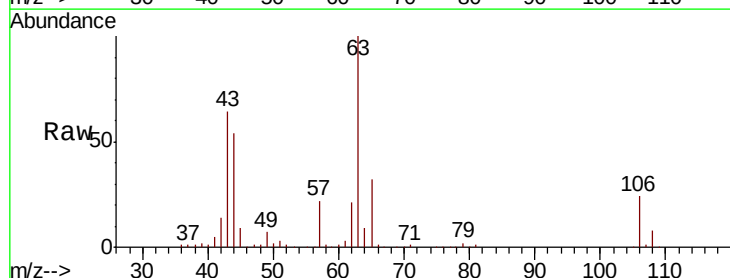
Manual Integrations
 APPROVED

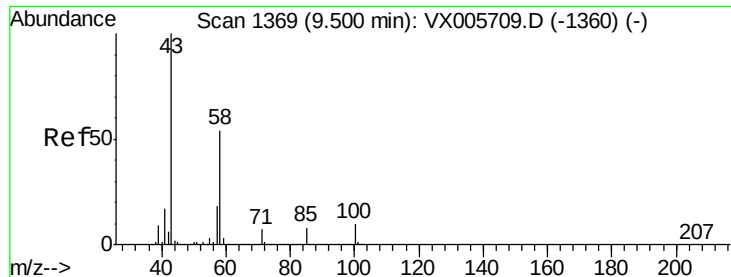
MMDadoda
 11/5/2018 3:09:33 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 89.470 ug/l
 RT: 8.32 min Scan# 1175
 Delta R.T. 0.01 min
 Lab File: VX005747.D
 Acq: 02 Nov 2018 11:08

Tgt Ion: 63 Resp: 124993
 Ion Ratio Lower Upper
 63 100
 106 23.8 21.3 31.9





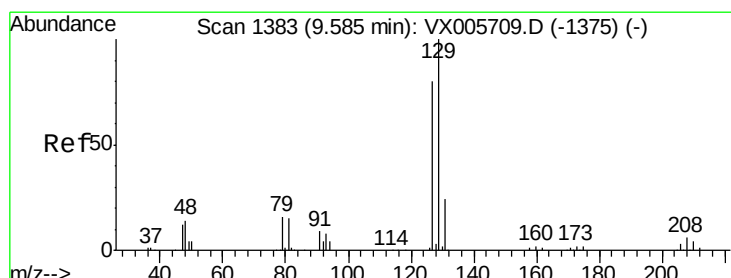
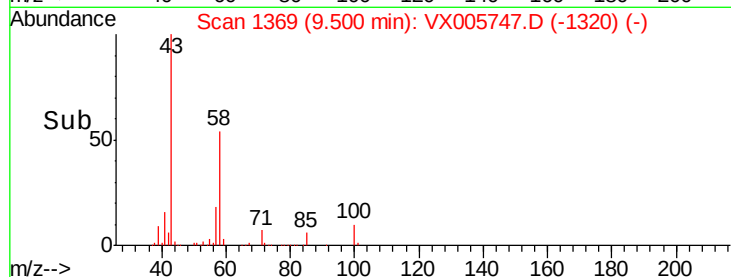
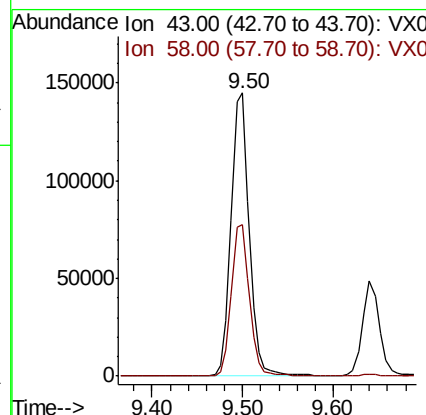
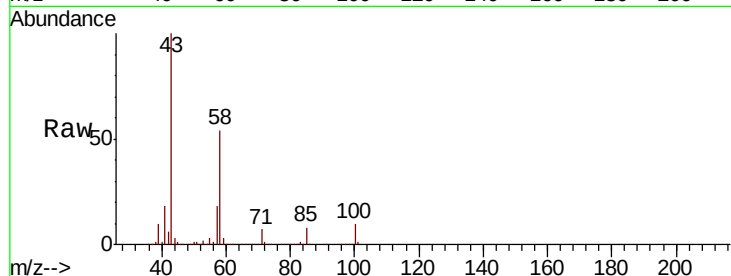
#59
2-Hexanone
Concen: 87.662 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX005747.D
Acq: 02 Nov 2018 11:08

Instrument :
MSVOA_X
ClientSampleId :
VX1102WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	53.7	25.9	77.8

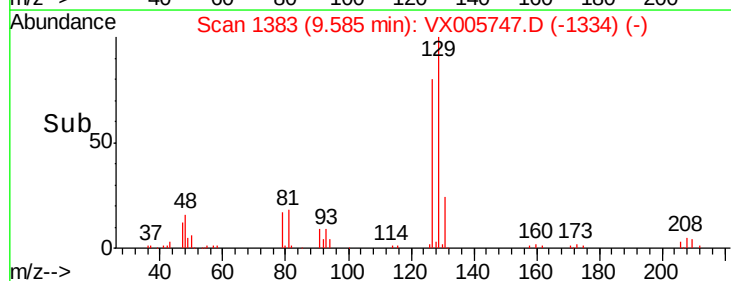
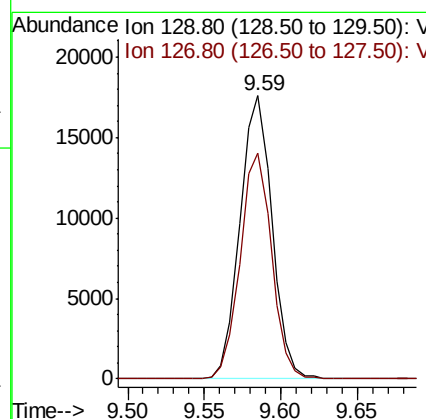
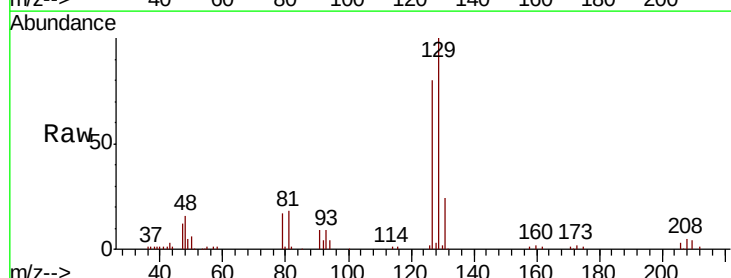
Manual Integrations
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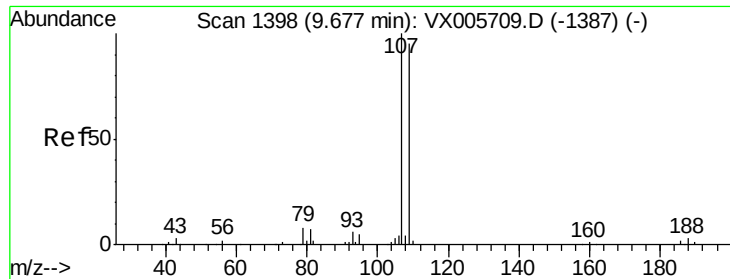
MMDadoda
11/5/2018 3:09:33 PM



#60
Dibromochloromethane
Concen: 16.856 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005747.D
Acq: 02 Nov 2018 11:08

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.4	38.9	116.7





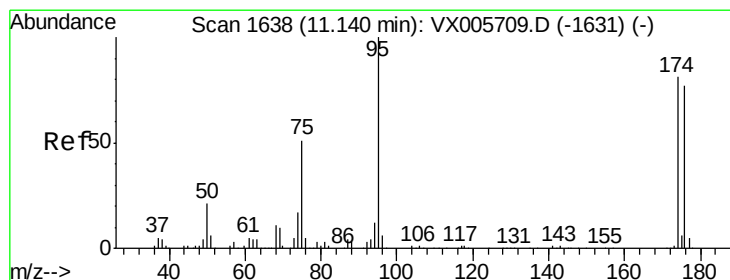
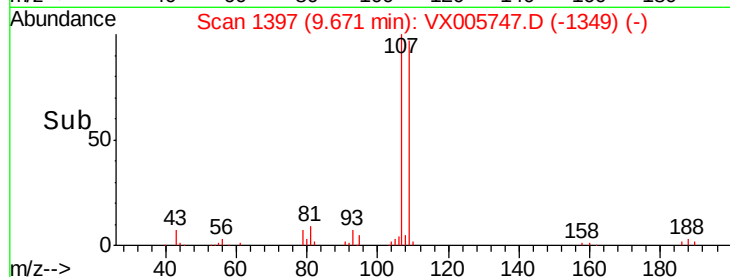
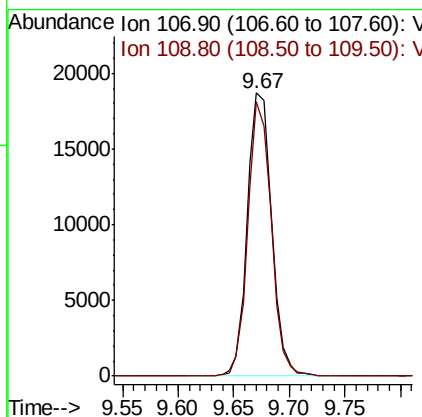
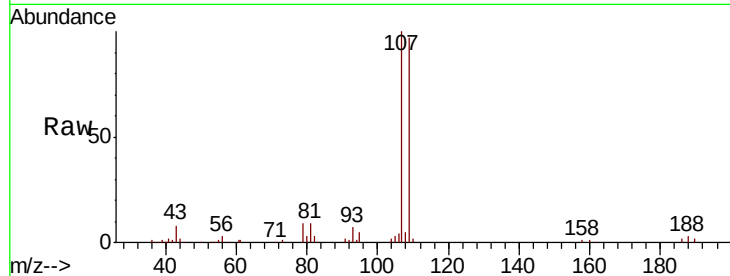
#61
 1,2-Dibromoethane
 Concen: 17.878 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.01 min
 Lab File: VX005747.D
 Acq: 02 Nov 2018 11:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1102WBS01

Tot Ion: 107 Resp: 28612
 Ion Ratio Lower Upper
 107 100
 109 93.0 75.7 113.5

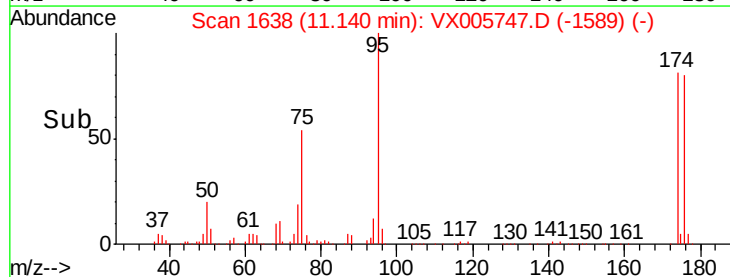
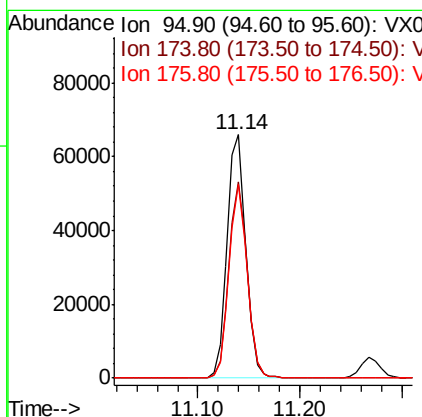
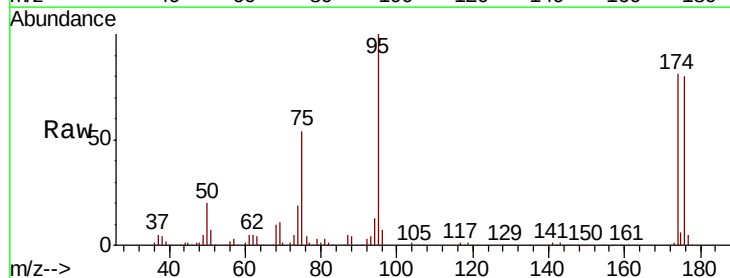
Manual Integrations
 APPROVED

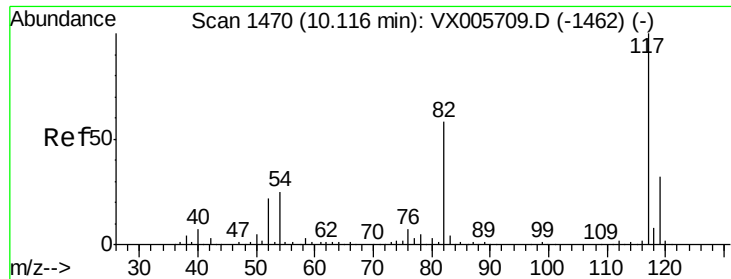
MMDadoda
 11/5/2018 3:09:33 PM



#62
 4-Bromofluorobenzene
 Concen: 44.336 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. -0.00 min
 Lab File: VX005747.D
 Acq: 02 Nov 2018 11:08

Tgt Ion: 95 Resp: 83827
 Ion Ratio Lower Upper
 95 100
 174 78.8 0.0 184.4
 176 77.0 0.0 177.4





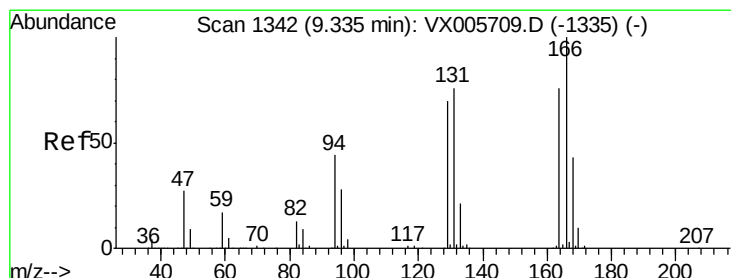
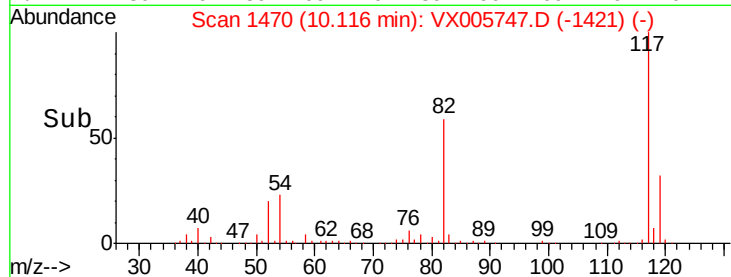
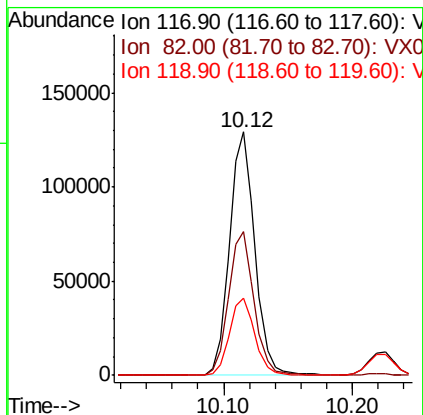
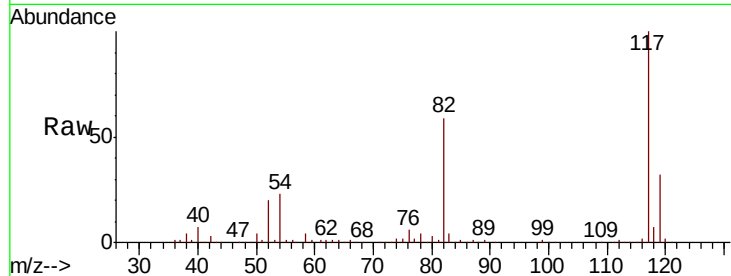
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005747.D
Acq: 02 Nov 2018 11:08

Instrument :
MSVOA_X
ClientSampleId :
VX1102WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.3	44.1	66.1
119	32.0	26.2	39.2

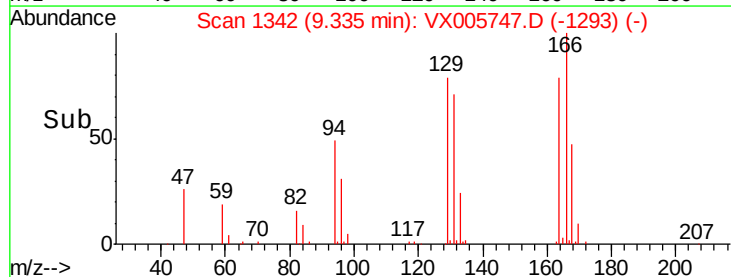
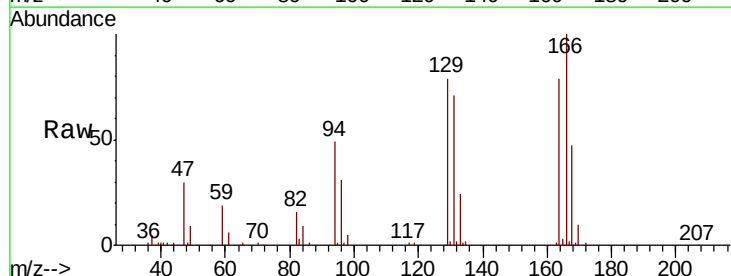
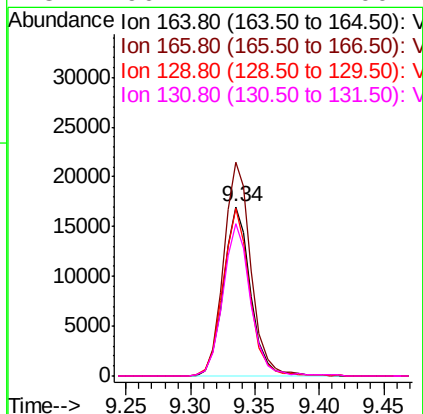
Manual Integrations
APPROVED

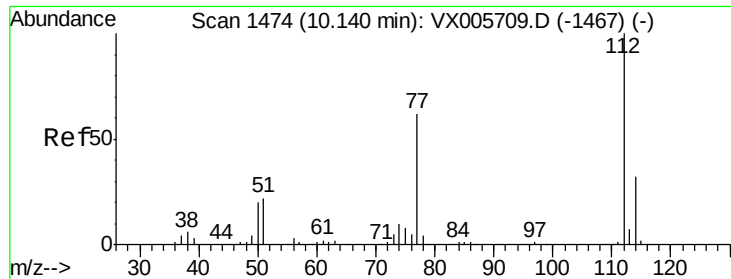
MMDadoda
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#64
Tetrachloroethene
Concen: 19.162 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005747.D
Acq: 02 Nov 2018 11:08

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.3	101.9	152.9
129	99.5	72.6	109.0
131	90.2	71.1	106.7





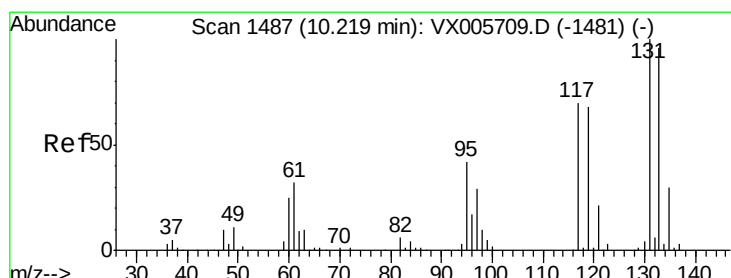
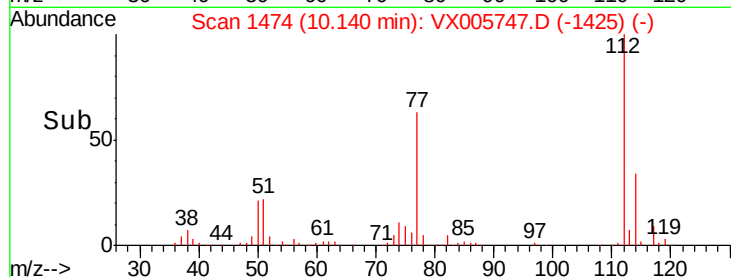
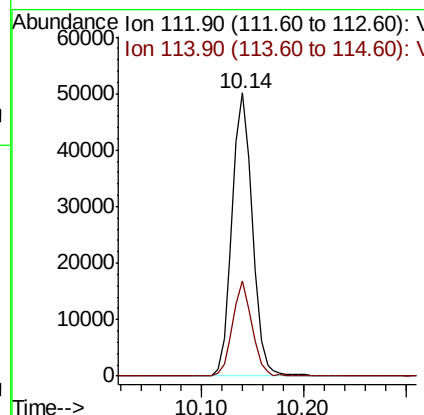
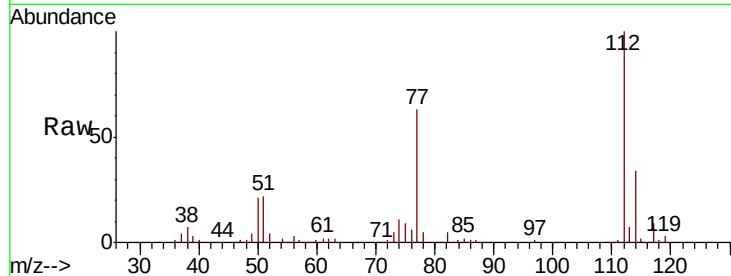
#65
Chlorobenzene
Concen: 18.323 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX005747.D
Acq: 02 Nov 2018 11:08

Instrument :
MSVOA_X
ClientSampleId :
VX1102WBS01

Tot Ion:112 Resp: 69326
Ion Ratio Lower Upper
112 100
114 33.6 25.8 38.6

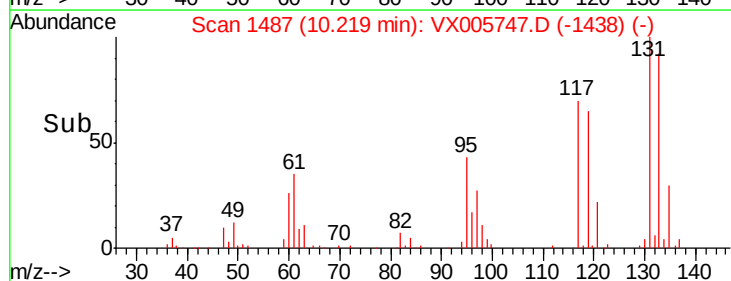
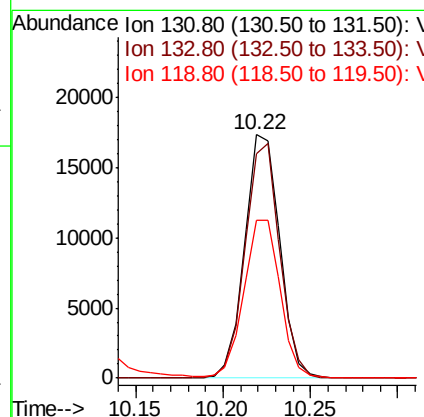
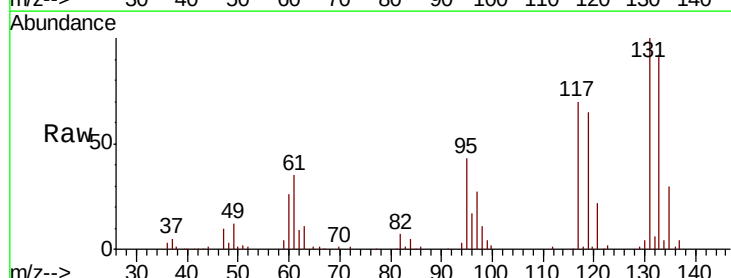
Manual Integrations
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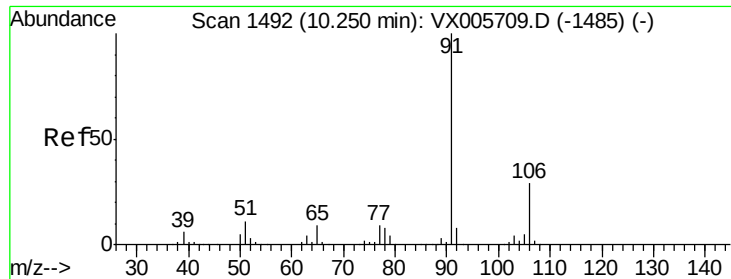
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#66
1,1,1,2-Tetrachloroethane
Concen: 18.768 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX005747.D
Acq: 02 Nov 2018 11:08

Tgt Ion:131 Resp: 24308
Ion Ratio Lower Upper
131 100
133 95.1 47.5 142.5
119 67.5 31.8 95.3





#67

Ethyl Benzene

Concen: 18.614 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX005747.D

Acq: 02 Nov 2018 11:08

Instrument :

MSVOA_X

ClientSampled :

VX1102WBS01

Tot Ion: 91 Resp: 120190

Ion Ratio Lower Upper

91 100

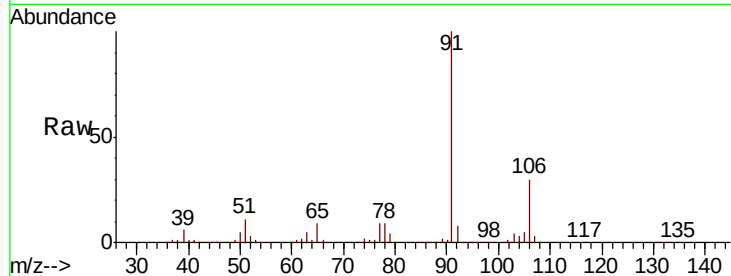
106 29.9 24.4 36.6

Manual Integrations

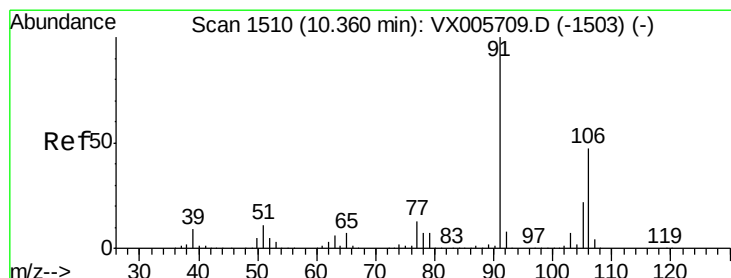
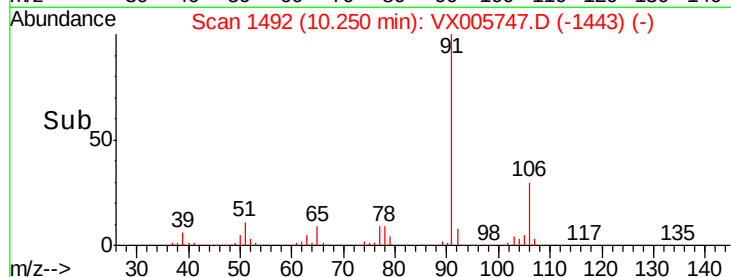
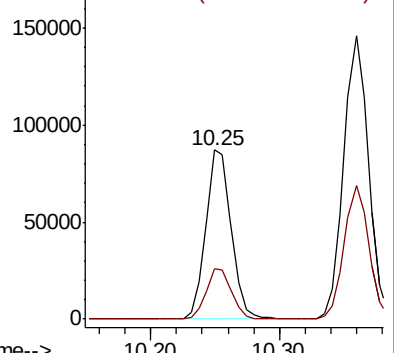
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Abundance Ion 91.00 (90.70 to 91.70): VX005709.D (-1485) (-)



#68

m/p-Xylenes

Concen: 38.174 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX005747.D

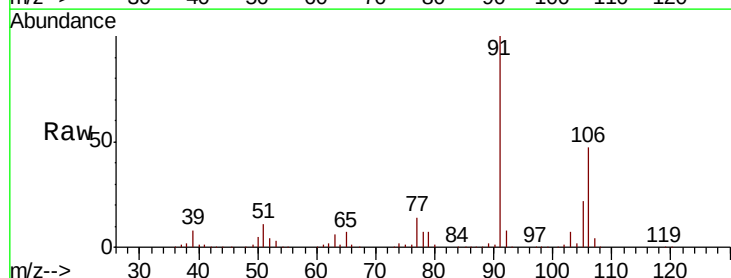
Acq: 02 Nov 2018 11:08

Tgt Ion: 106 Resp: 91594

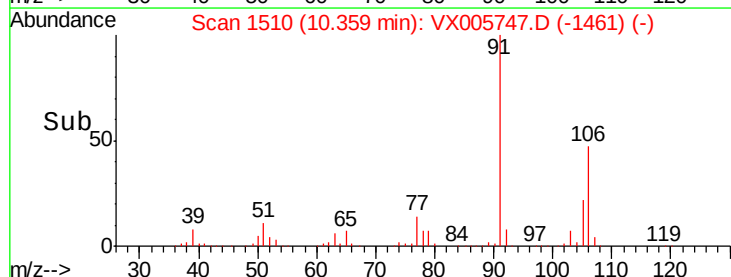
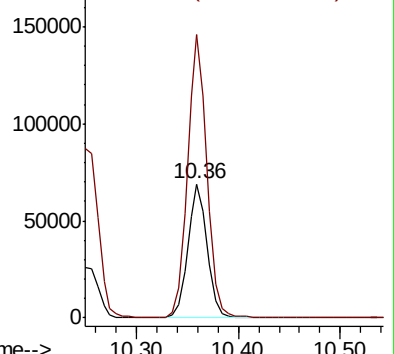
Ion Ratio Lower Upper

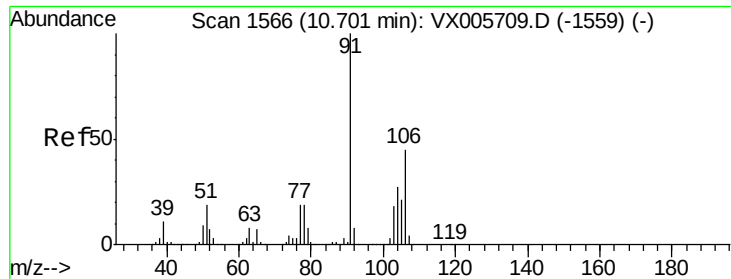
106 100

91 213.1 164.2 246.4



Abundance Ion 106.00 (105.70 to 106.70): VX005709.D (-1503) (-)





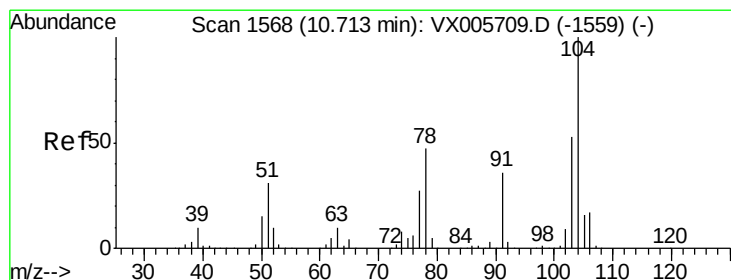
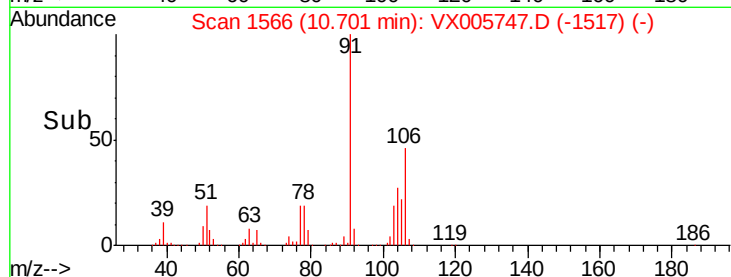
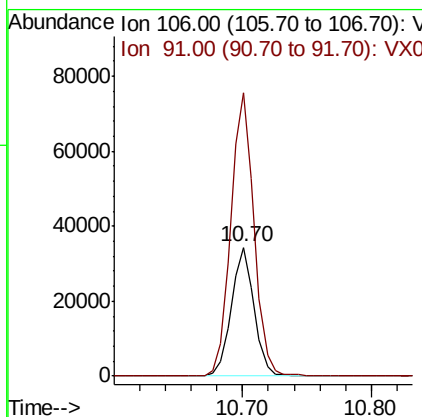
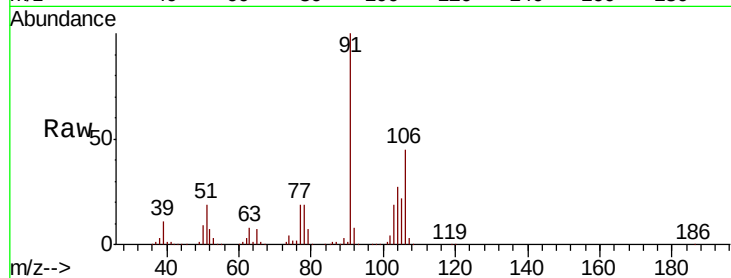
#69
o-Xylene
Concen: 18.467 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005747.D
Acq: 02 Nov 2018 11:08

Instrument :
MSVOA_X
ClientSampleId :
VX1102WBS01

Tot Ion:106 Resp: 42379
Ion Ratio Lower Upper
106 100
91 226.1 108.5 325.5

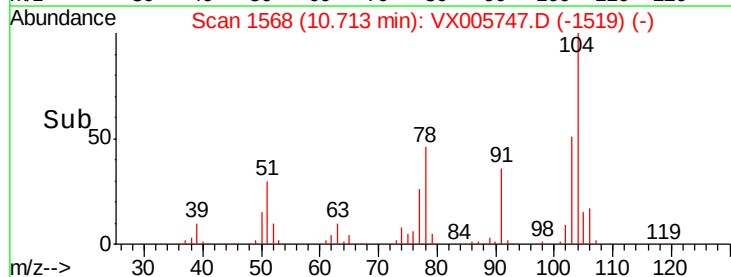
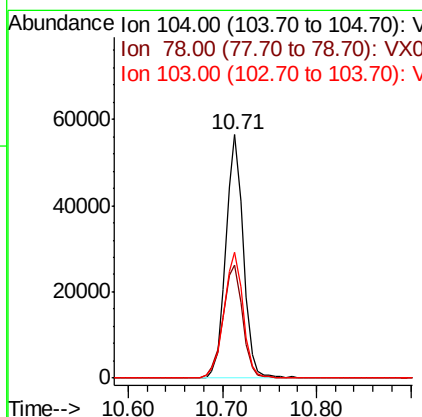
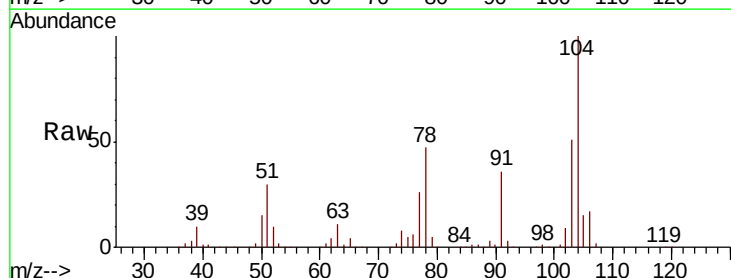
Manual Integrations
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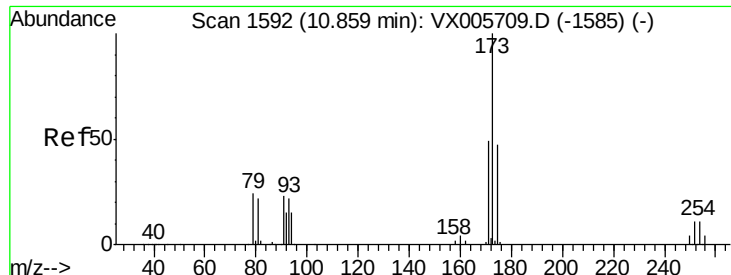
MMDadoda
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#70
Styrene
Concen: 19.136 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005747.D
Acq: 02 Nov 2018 11:08

Tgt Ion:104 Resp: 72935
Ion Ratio Lower Upper
104 100
78 52.3 40.2 60.4
103 56.7 44.9 67.3





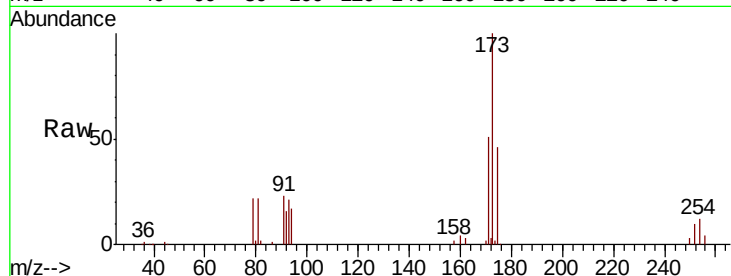
#71
Bromoform
Concen: 18.514 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VX005747.D
Acq: 02 Nov 2018 11:08

Instrument :
MSVOA_X
ClientSampleId :
VX1102WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.0	24.8	74.3
254	0.0	0.2	0.2

Manual Integrations
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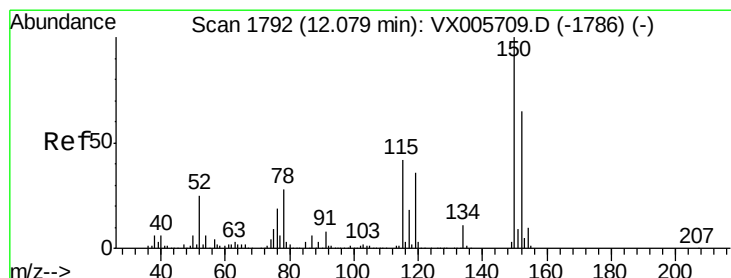
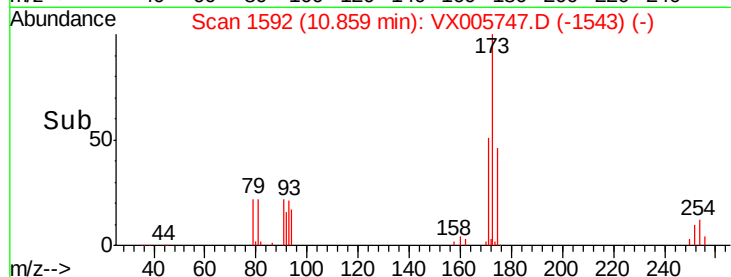
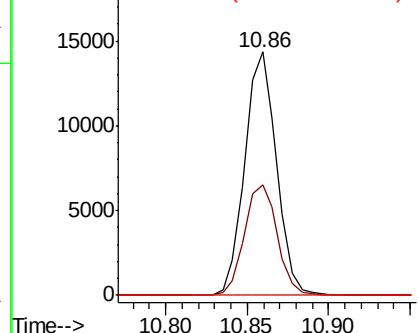


Abundance

Ion 172.70 (172.40 to 173.40): V

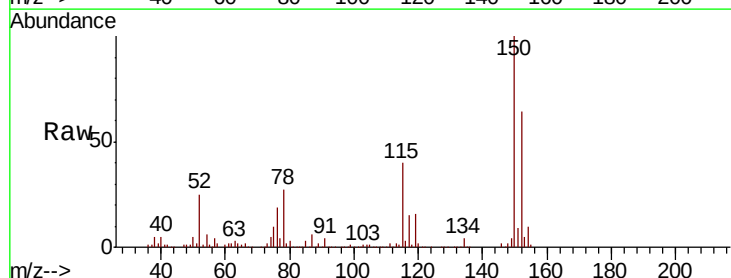
Ion 174.70 (174.40 to 175.40): V

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: VX005747.D
Acq: 02 Nov 2018 11:08

Tgt Ion	Ratio	Lower	Upper
152	100		
115	70.4	39.4	118.1
150	163.3	0.0	346.4

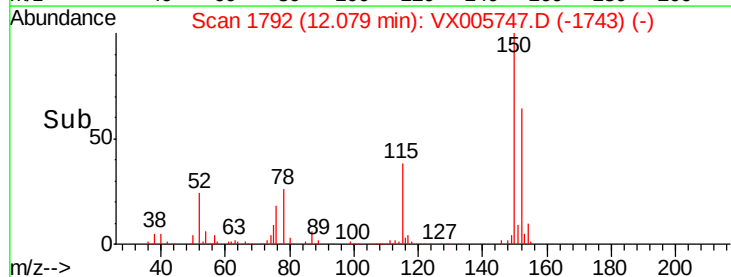
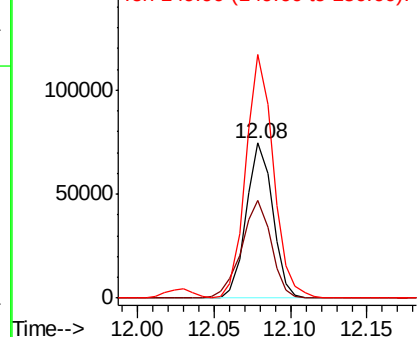


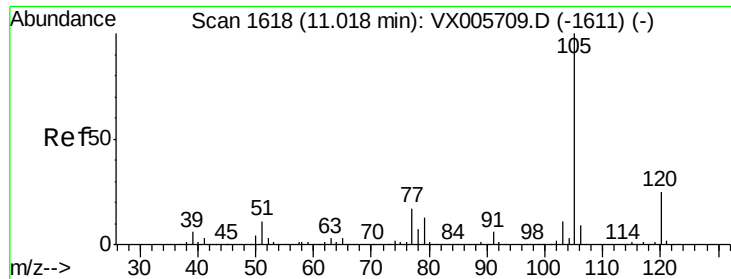
Abundance

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: 20.087 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005747.D

Acq: 02 Nov 2018 11:08

Instrument :

MSVOA_X

ClientSampled :

VX1102WBS01

Tot Ion: 105 Resp: 118750

Ion Ratio Lower Upper

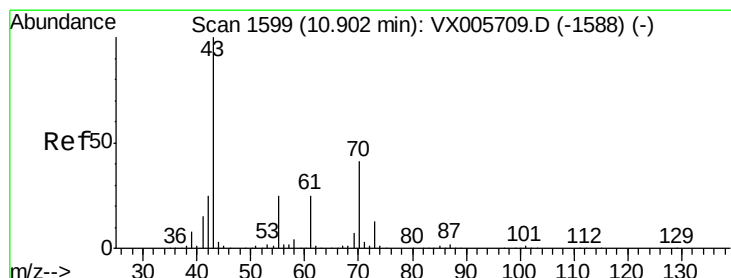
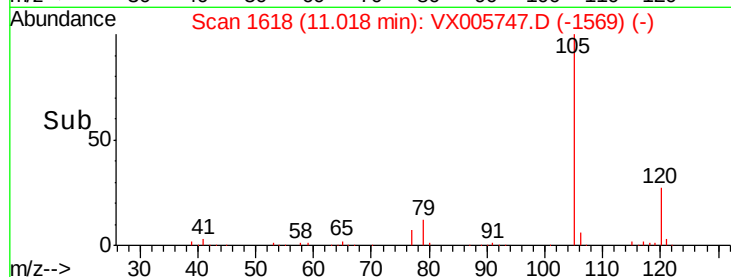
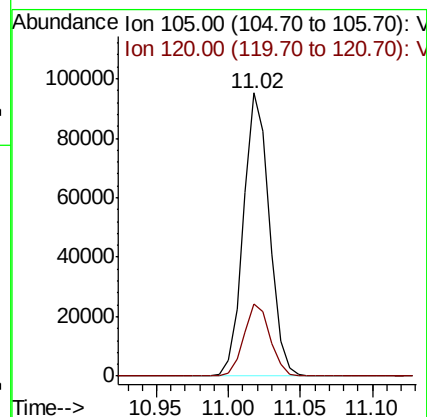
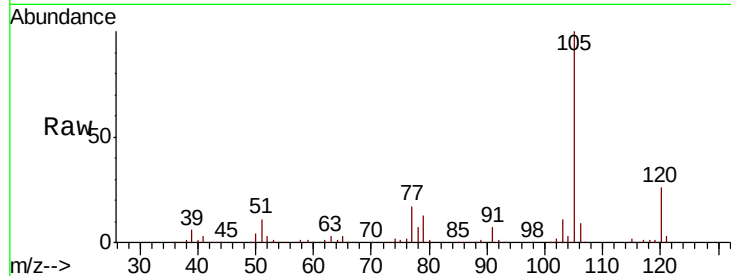
105 100

120 26.0 13.1 39.3

Manual Integrations
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#74

N-ethyl acetate

Concen: 18.775 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. -0.00 min

Lab File: VX005747.D

Acq: 02 Nov 2018 11:08

Tgt Ion: 43 Resp: 59095

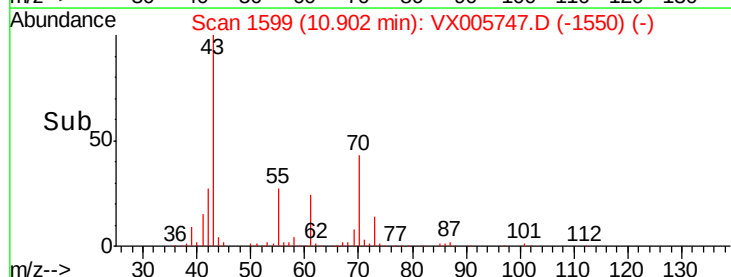
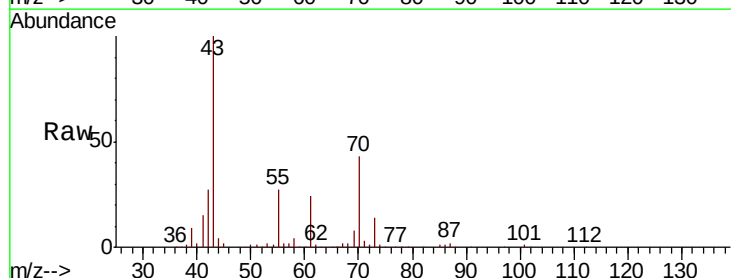
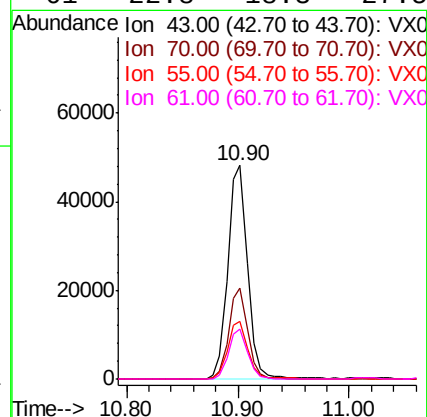
Ion Ratio Lower Upper

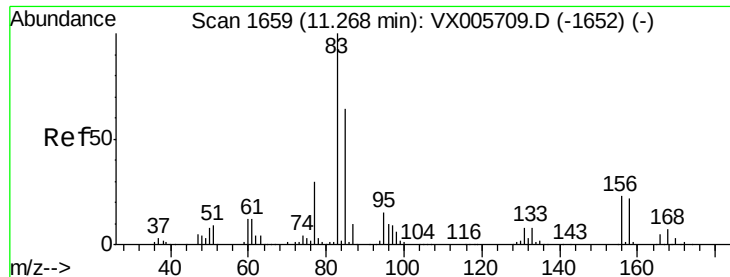
43 100

70 41.1 31.6 47.4

55 27.5 19.7 29.5

61 22.8 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 19.247 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005747.D

Acq: 02 Nov 2018 11:08

Instrument :

MSVOA_X

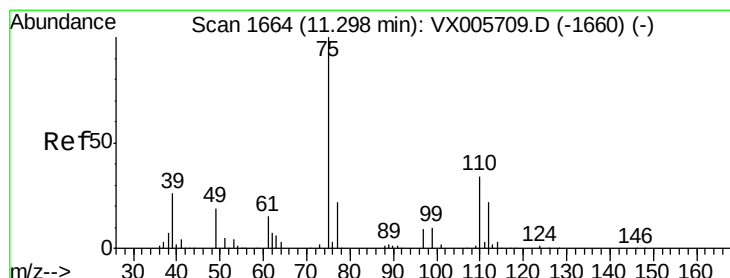
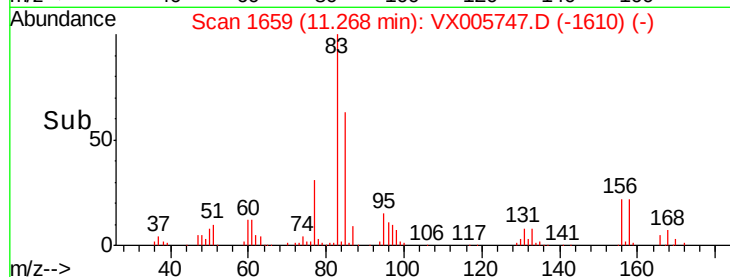
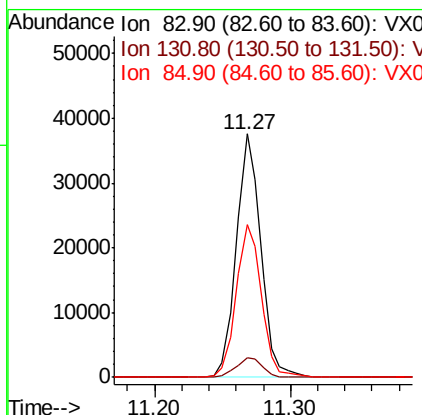
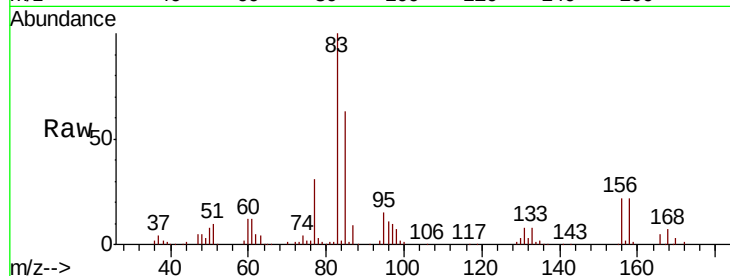
ClientSampleId :

VX1102WBS01

Tot Ion:	83	Resp:	47207
Ion Ratio	Lower	Upper	
83	100		
131	8.6	5.3	15.9
85	64.7	32.0	96.2

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 19.780 ug/l m

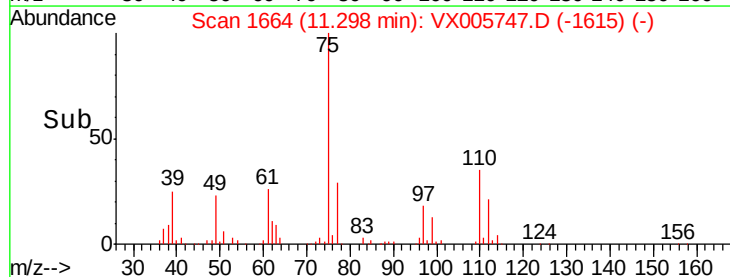
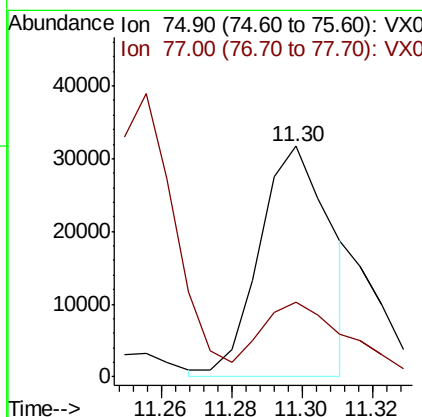
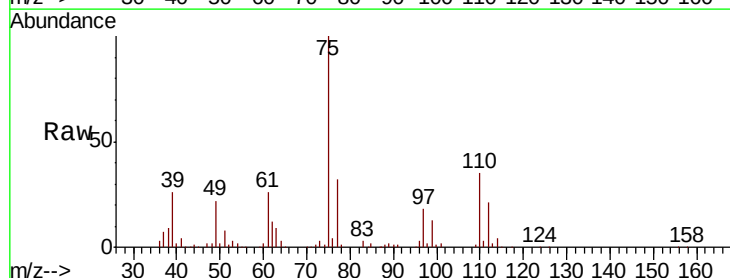
RT: 11.30 min Scan# 1664

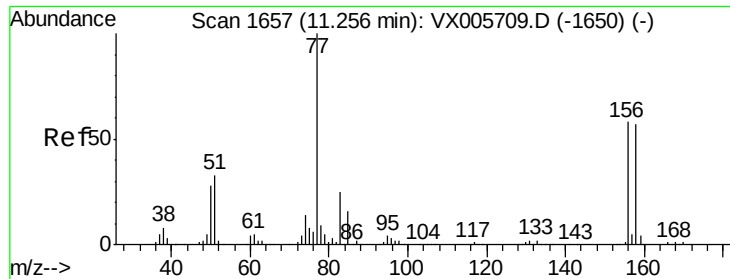
Delta R.T. -0.00 min

Lab File: VX005747.D

Acq: 02 Nov 2018 11:08

Tgt Ion:	75	Resp:	44146
Ion Ratio	Lower	Upper	
75	100		
77	40.2	20.5	61.6





#77

Bromobenzene

Concen: 19.646 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005747.D

Acq: 02 Nov 2018 11:08

Instrument :

MSVOA_X

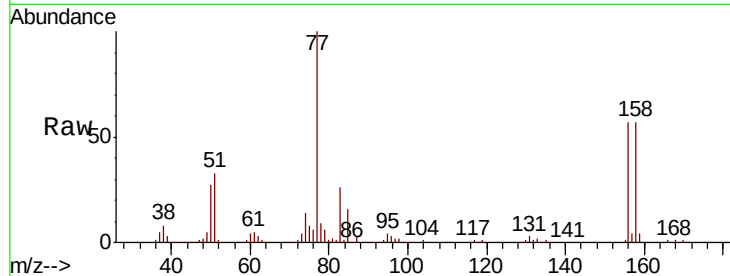
ClientSampleId :

VX1102WBS01

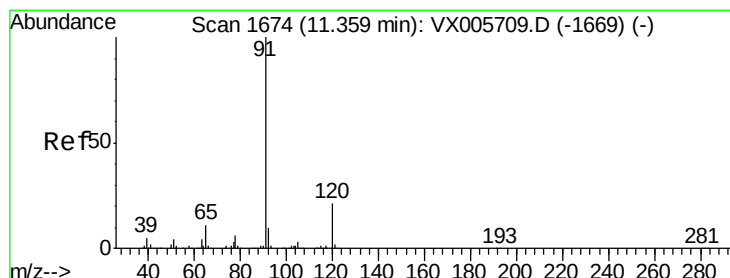
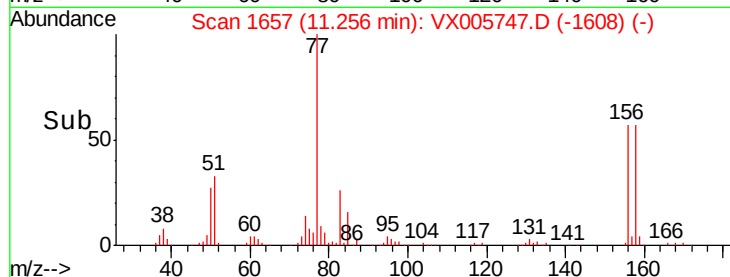
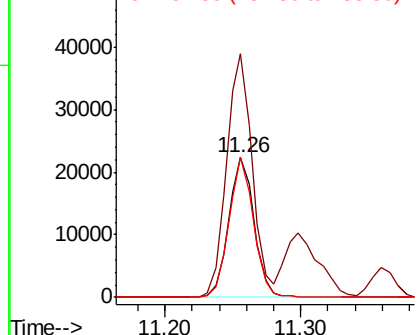
Tot Ion:	156	Resp:	28812
Ion Ratio	Lower	Upper	
156	100		
77	175.8	74.8	224.4
158	96.7	49.1	147.3

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Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VX0
Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.142 ug/l

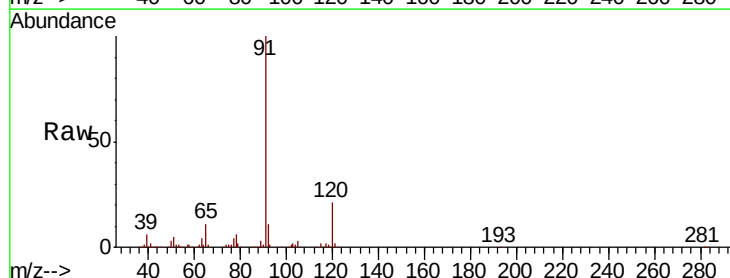
RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

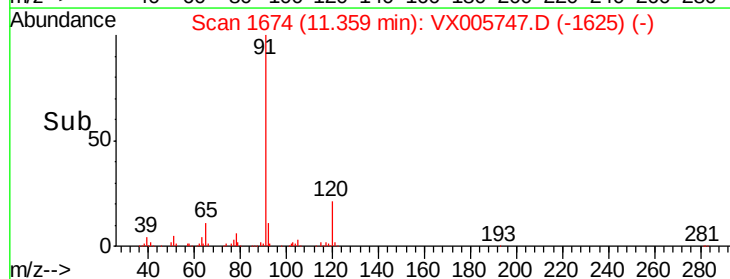
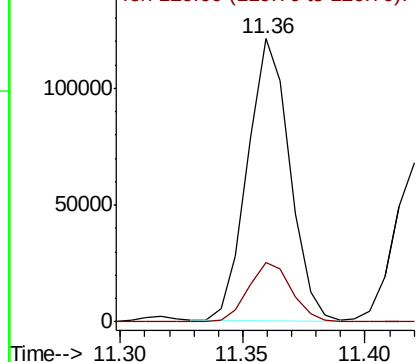
Lab File: VX005747.D

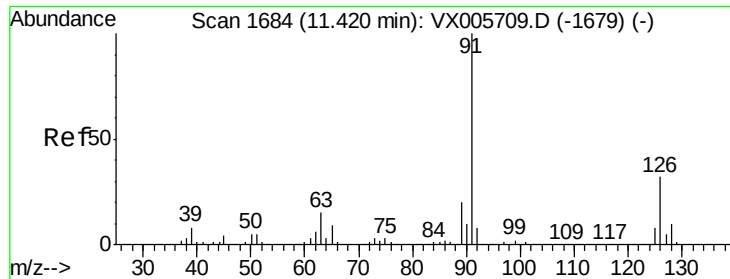
Acq: 02 Nov 2018 11:08

Tgt Ion:	91	Resp:	144858
Ion Ratio	Lower	Upper	
91	100		
120	21.7	11.9	35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.001 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX005747.D

Acq: 02 Nov 2018 11:08

Instrument :

MSVOA_X

ClientSampleId :

VX1102WBS01

Tot Ion: 91 Resp: 85912

Ion Ratio Lower Upper

91 100

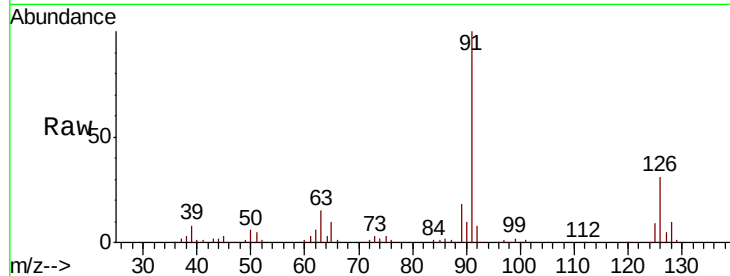
126 31.6 17.3 52.0

Manual Integrations

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

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

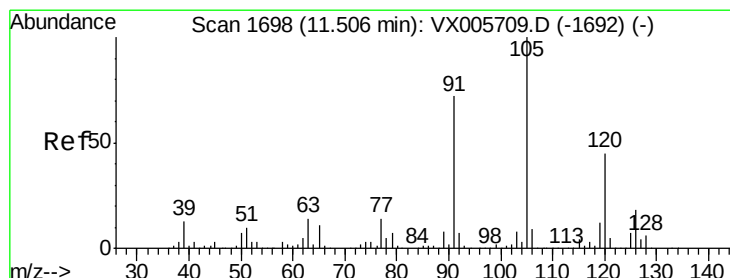
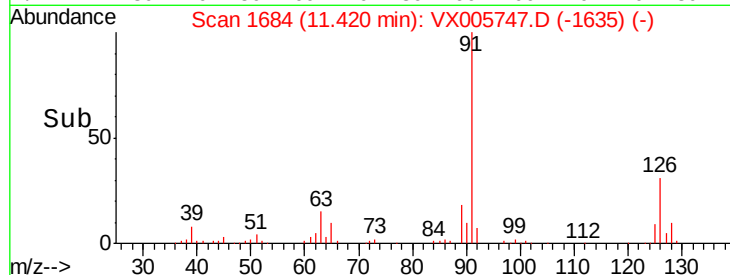
100000

50000

0

11.40 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 20.147 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX005747.D

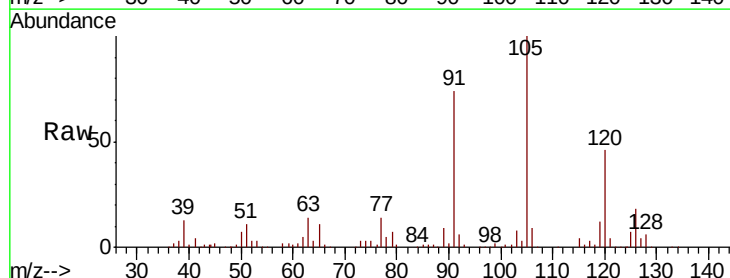
Acq: 02 Nov 2018 11:08

Tgt Ion: 105 Resp: 101133

Ion Ratio Lower Upper

105 100

120 46.3 24.1 72.2



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

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

100000

80000

60000

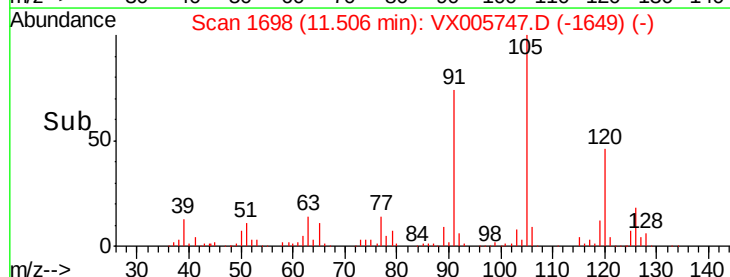
40000

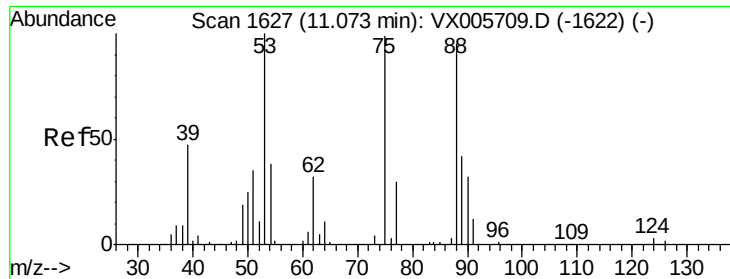
20000

0

11.50 11.60

Time-->





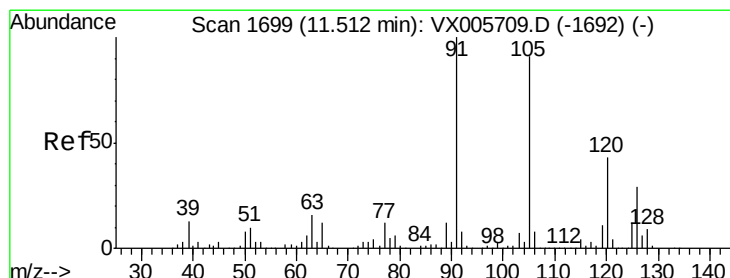
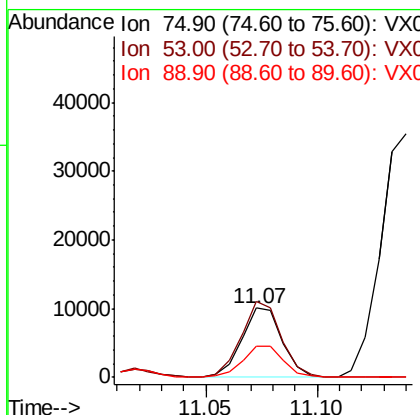
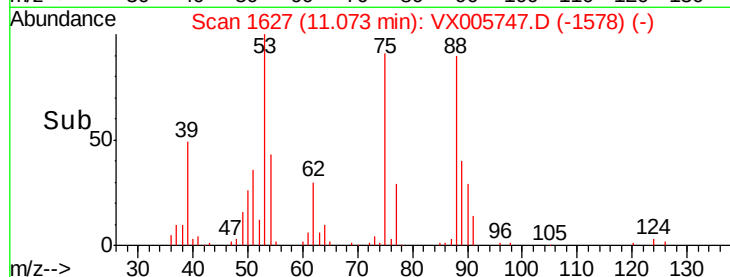
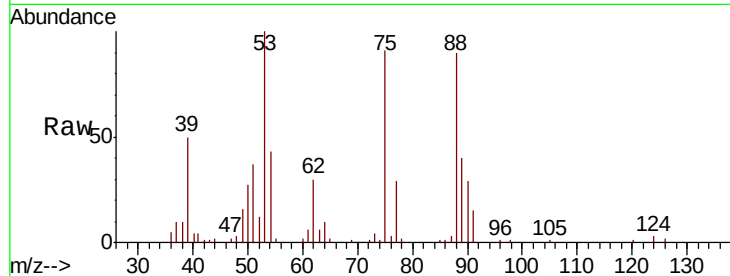
#81
trans-1,4-Dichloro-2-butene
Concen: 18.455 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX005747.D
Acq: 02 Nov 2018 11:08

Instrument :
MSVOA_X
ClientSampleId :
VX1102WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	109.8	80.2	120.2
89	45.5	39.8	59.8

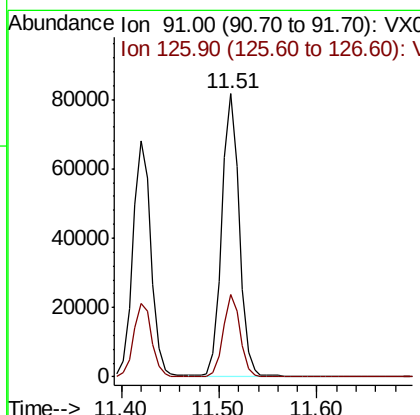
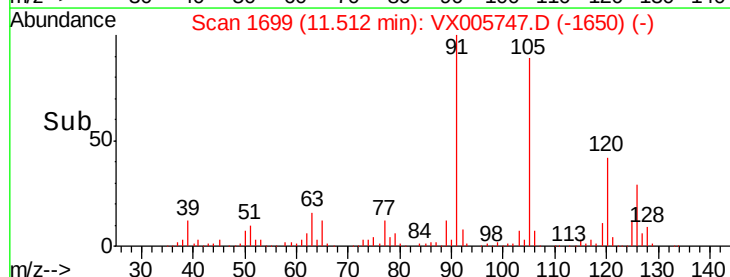
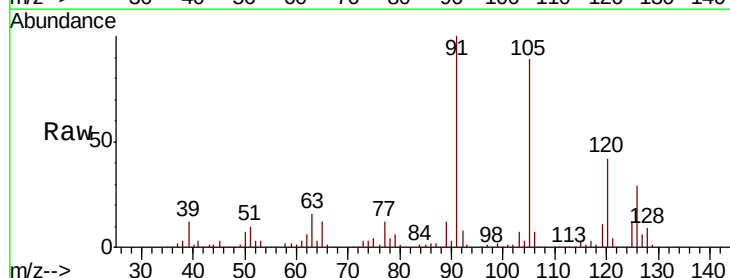
Manual Integrations
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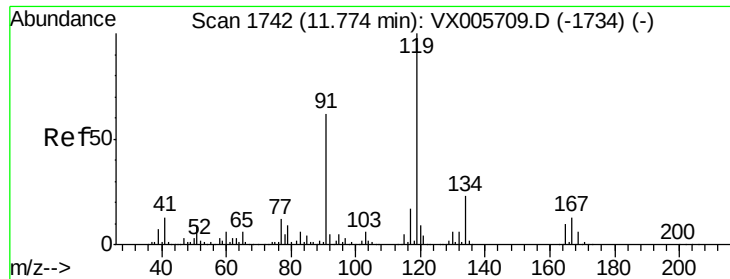
MMDadoda
11/5/2018 3:09:33 PM



#82
4-Chlorotoluene
Concen: 19.867 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX005747.D
Acq: 02 Nov 2018 11:08

Tgt Ion	Ratio	Lower	Upper
91	100		
126	28.1	15.2	45.6





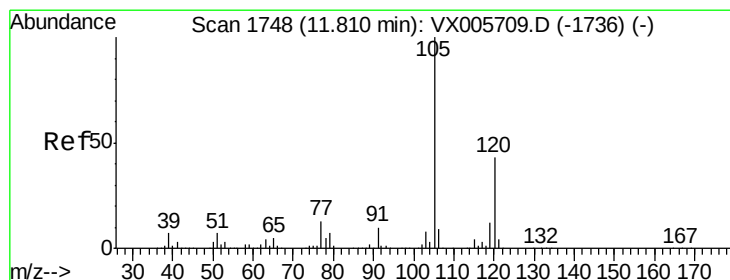
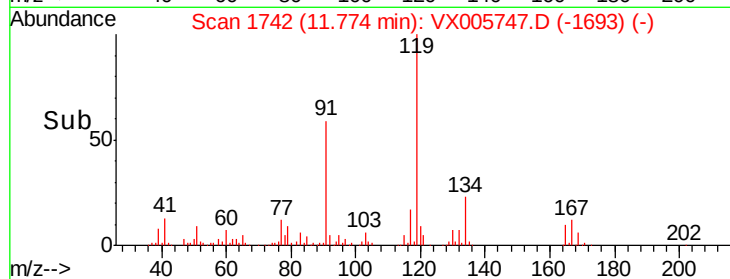
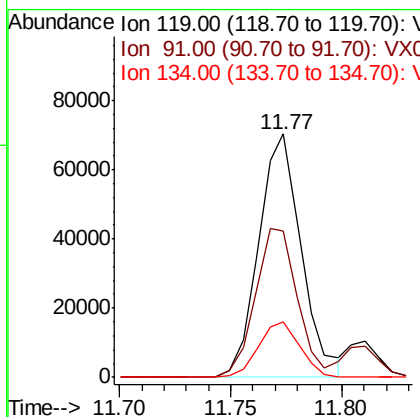
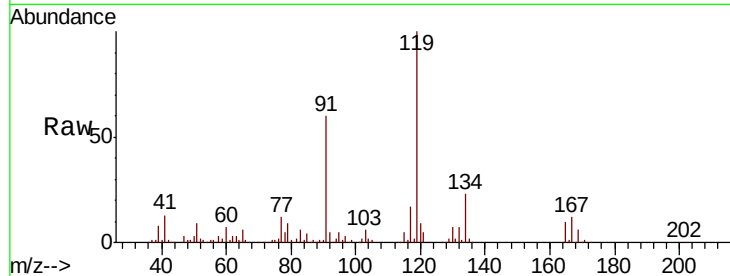
#83
 tert-Butylbenzene
 Concen: 19.550 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VX005747.D
 Acq: 02 Nov 2018 11:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1102WBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	60.5	28.5	85.5
134	22.4	11.3	33.8

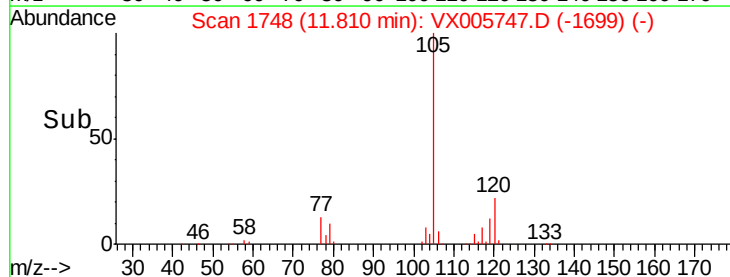
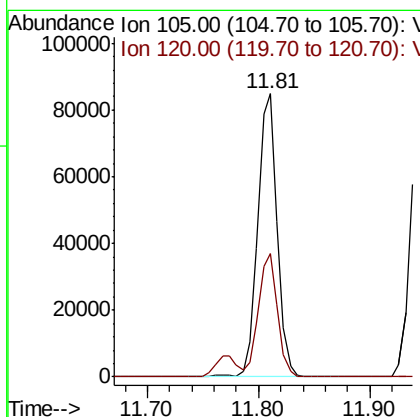
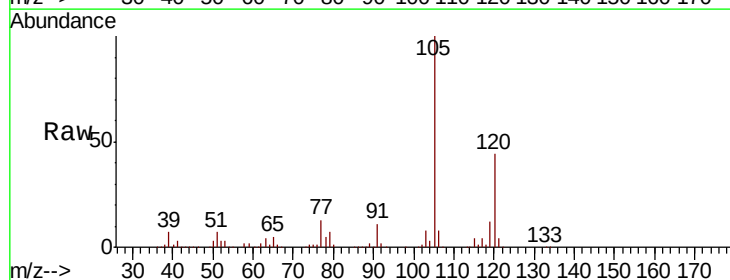
Manual Integrations
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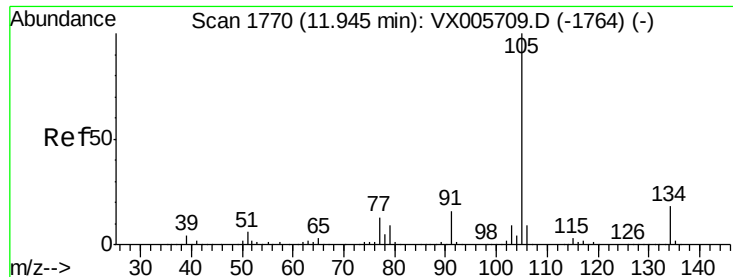
MMDadoda
 11/5/2018 3:09:33 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 20.409 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: VX005747.D
 Acq: 02 Nov 2018 11:08

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.0	22.4	67.0





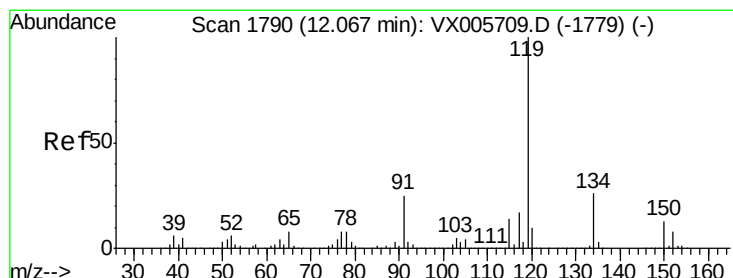
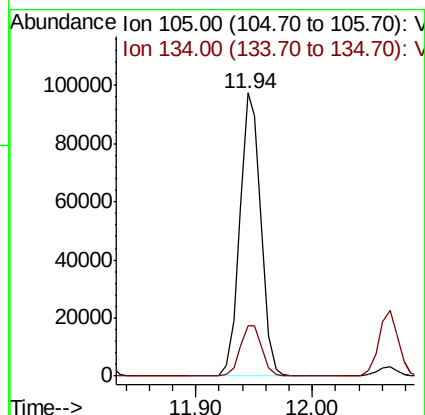
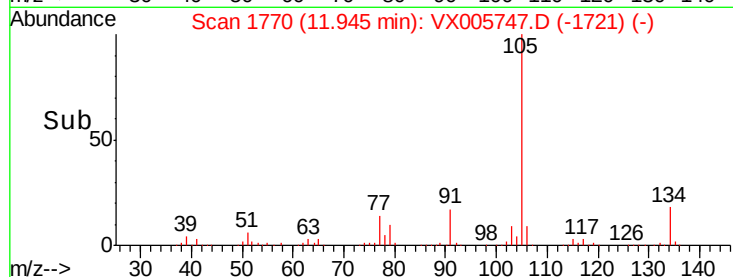
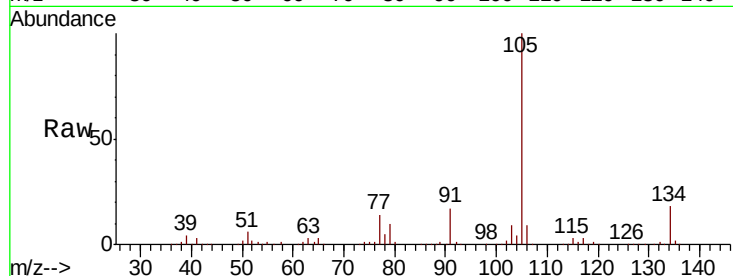
#85
 sec-Butylbenzene
 Concen: 19.853 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX005747.D
 Acq: 02 Nov 2018 11:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1102WBS01

Tot Ion:105 Resp: 121972
 Ion Ratio Lower Upper
 105 100
 134 18.6 10.2 30.4

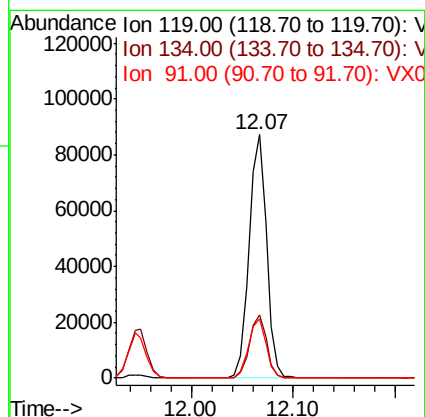
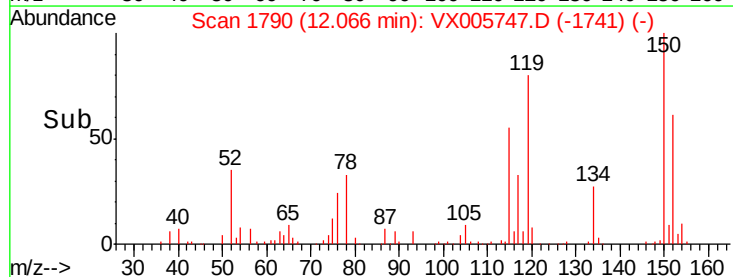
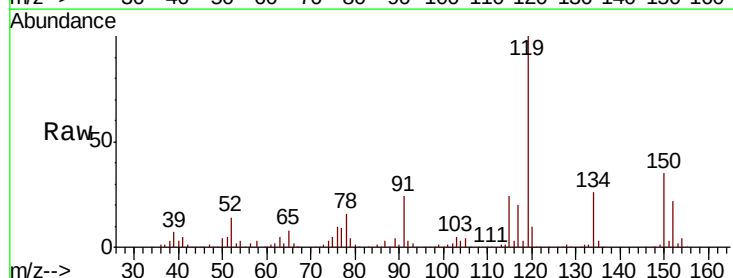
Manual Integrations
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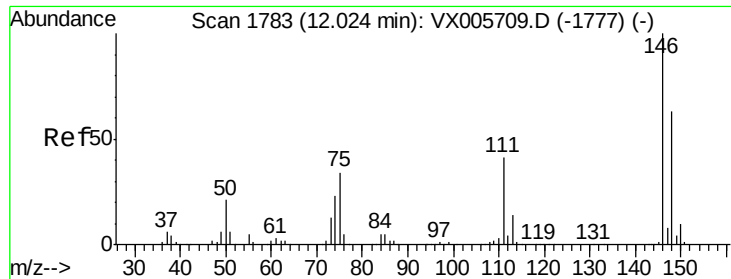
MMDadoda
 11/5/2018 3:09:33 PM



#86
 p-Isopropyltoluene
 Concen: 19.873 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX005747.D
 Acq: 02 Nov 2018 11:08

Tgt Ion:119 Resp: 103842
 Ion Ratio Lower Upper
 119 100
 134 25.5 13.0 39.0
 91 24.7 11.4 34.2





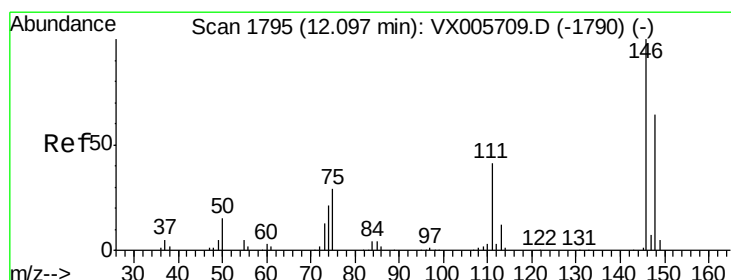
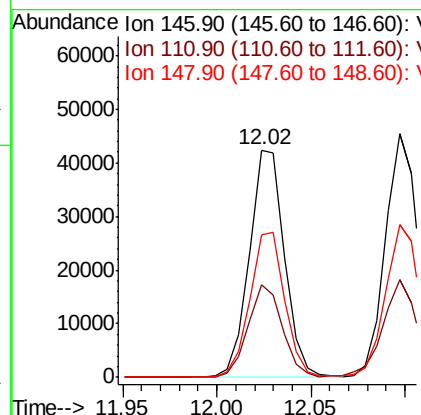
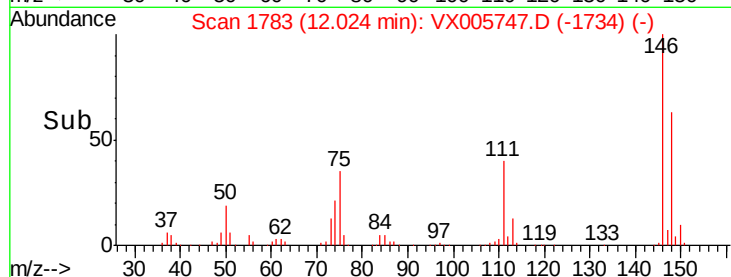
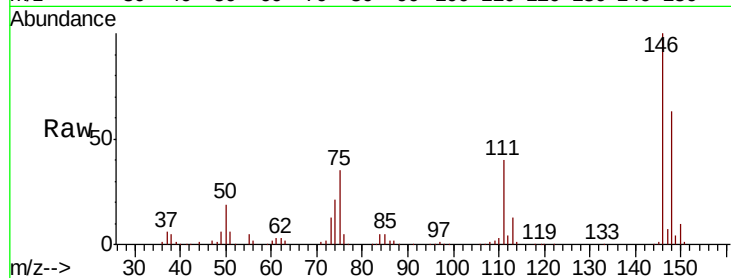
#87
 1,3-Dichlorobenzene
 Concen: 19.344 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX005747.D
 Acq: 02 Nov 2018 11:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1102WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.0	57.0
148	63.5	31.9	95.9

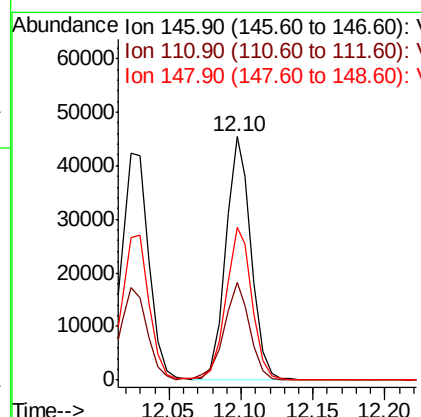
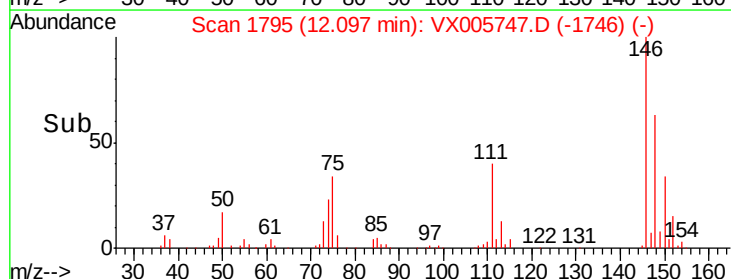
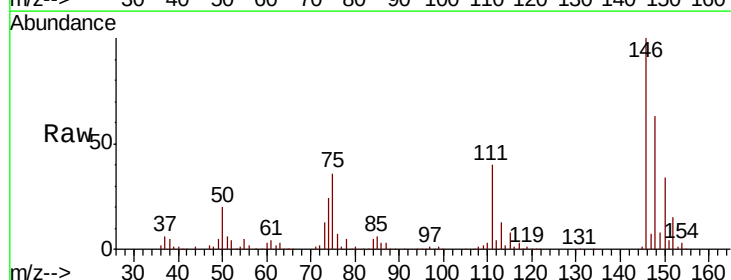
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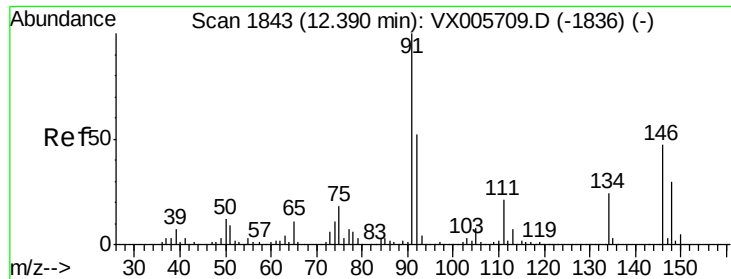
MMDadoda
 11/5/2018 3:09:33 PM



#88
 1,4-Dichlorobenzene
 Concen: 18.383 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX005747.D
 Acq: 02 Nov 2018 11:08

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.2	18.6	55.8
148	64.9	32.1	96.3





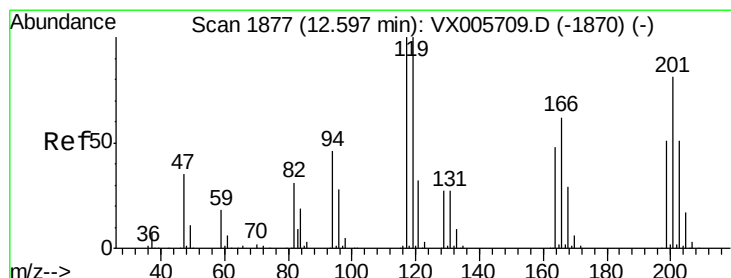
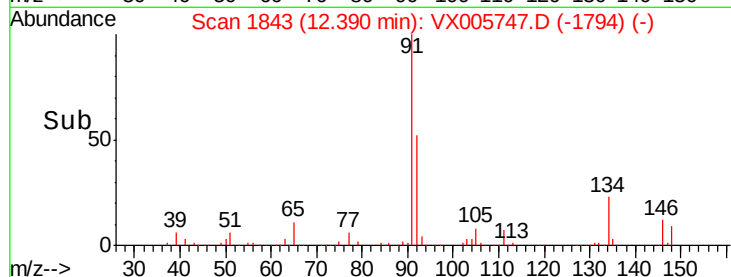
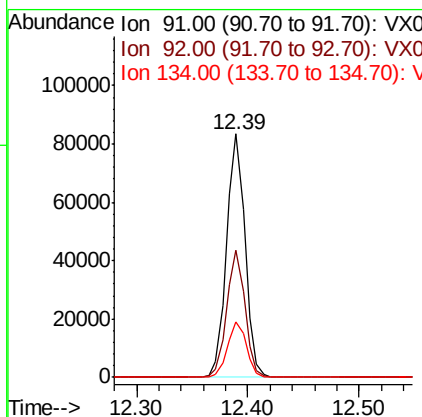
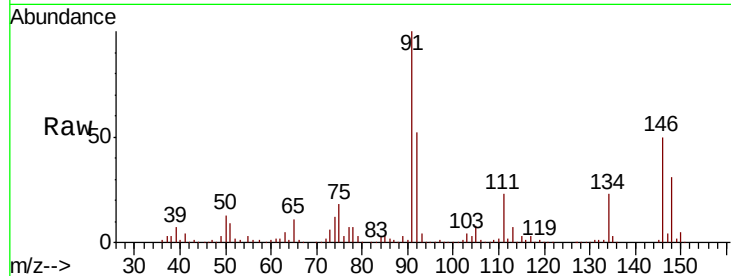
#89
n-Butylbenzene
Concen: 18.164 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX005747.D
Acq: 02 Nov 2018 11:08

Instrument :
MSVOA_X
ClientSampleId :
VX1102WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.5	26.1	78.2
134	23.3	13.1	39.3

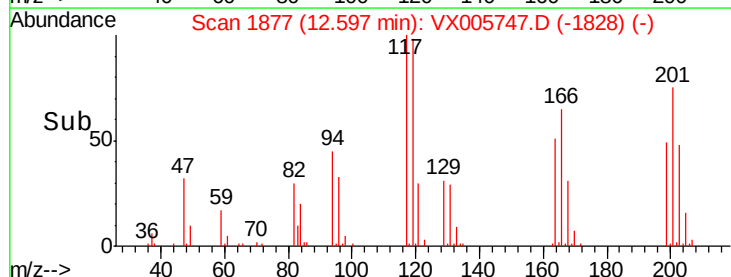
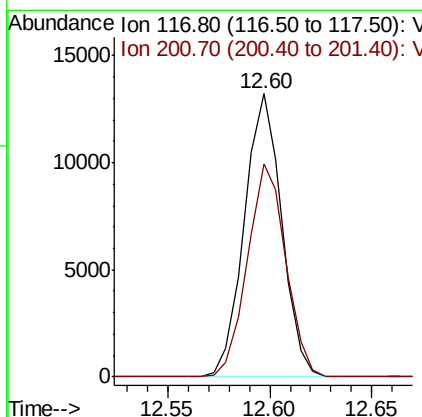
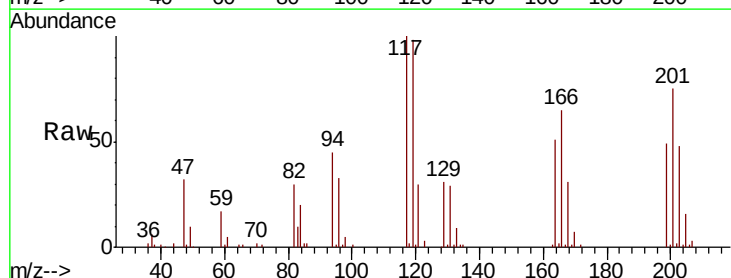
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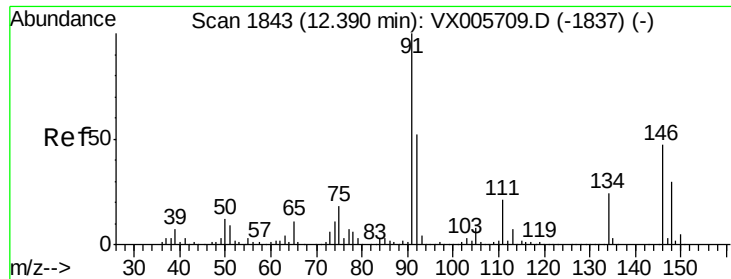
MMDadoda
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#90
Hexachloroethane
Concen: 18.099 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX005747.D
Acq: 02 Nov 2018 11:08

Tgt Ion	Ratio	Lower	Upper
117	100		
201	77.2	47.9	143.6





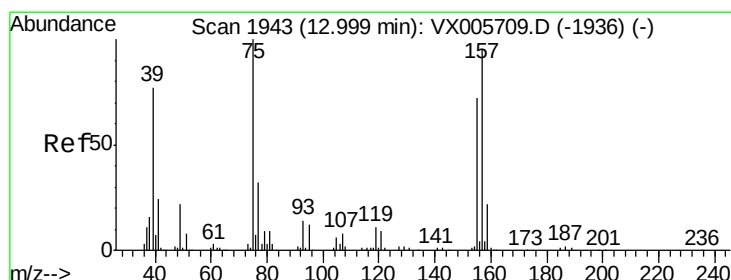
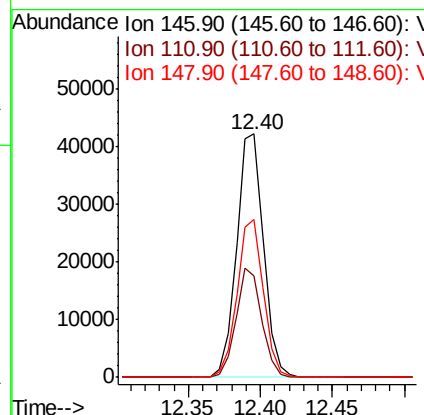
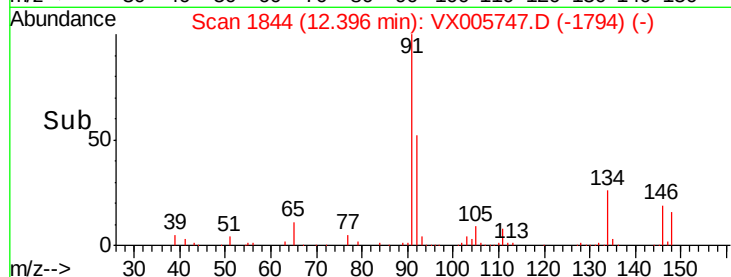
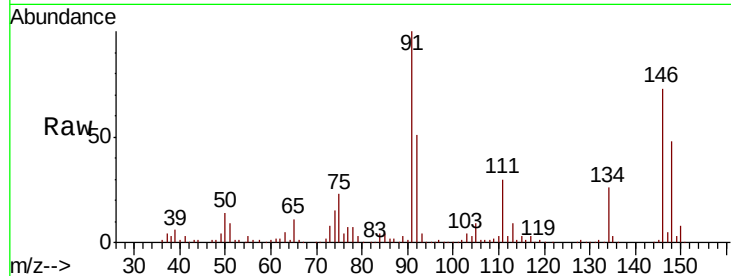
#91
 1,2-Dichlorobenzene
 Concen: 18.619 ug/l
 RT: 12.40 min Scan# 1844
 Delta R.T. 0.01 min
 Lab File: VX005747.D
 Acq: 02 Nov 2018 11:08

Instrument :
 MSVOA_X
 ClientSampled :
 VX1102WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.8	20.0	59.9
148	63.7	32.2	96.6

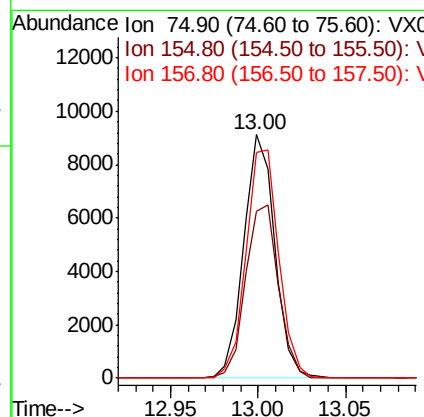
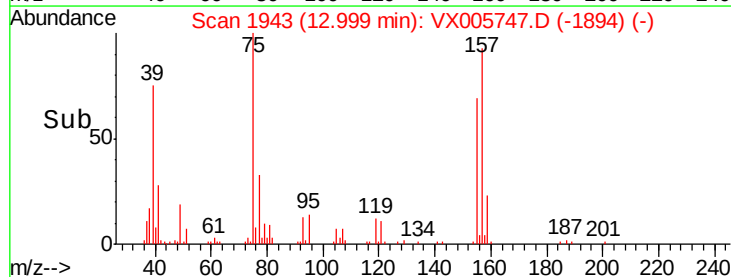
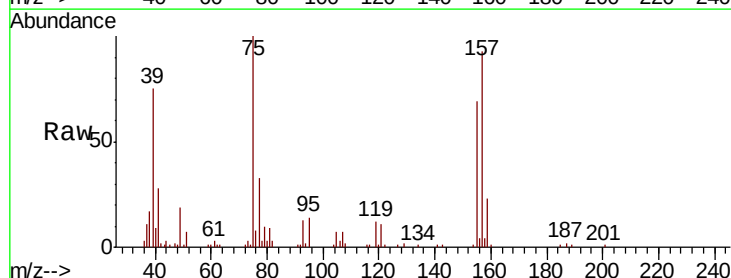
Manual Integrations
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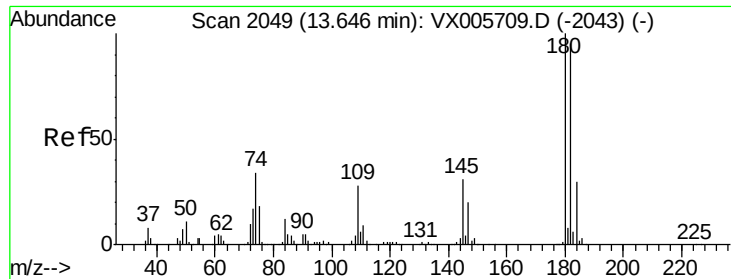
MMDadoda
 11/5/2018 3:09:33 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.544 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX005747.D
 Acq: 02 Nov 2018 11:08

Tgt Ion	Ratio	Lower	Upper
75	100		
155	75.0	45.4	136.1
157	99.0	57.4	172.0





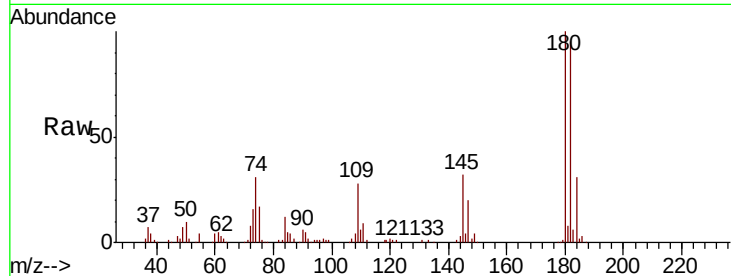
#93
 1,2,4-Trichlorobenzene
 Concen: 18.815 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005747.D
 Acq: 02 Nov 2018 11:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1102WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.6	142.8
145	29.4	14.1	42.2

Manual Integrations
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MMDadoda
 11/5/2018 3:09:33 PM

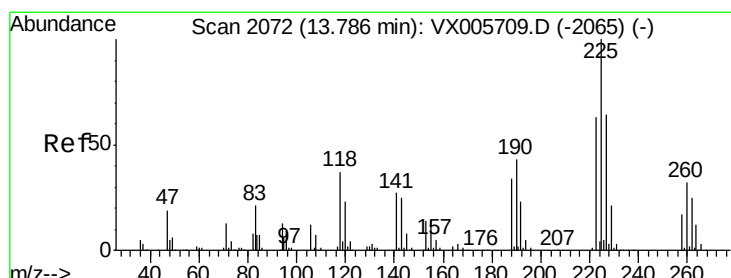
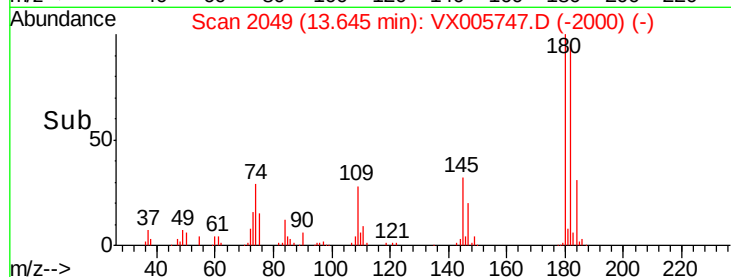
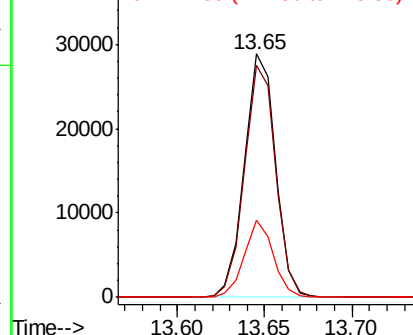


Abundance

Ion 179.80 (179.50 to 180.50): V

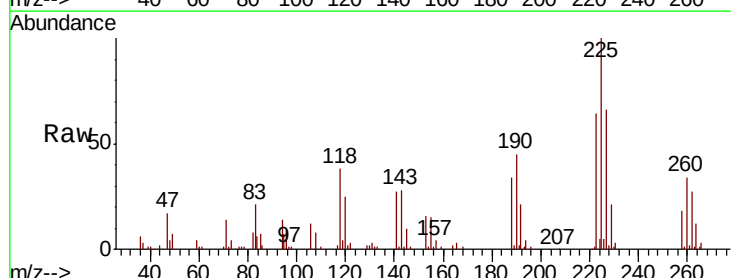
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 18.357 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX005747.D
 Acq: 02 Nov 2018 11:08

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.1	31.7	95.1
227	65.3	32.3	96.9

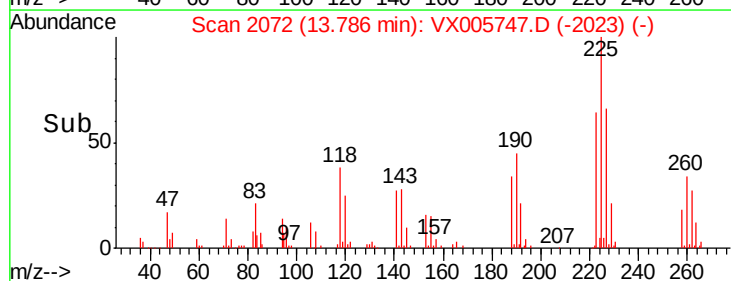
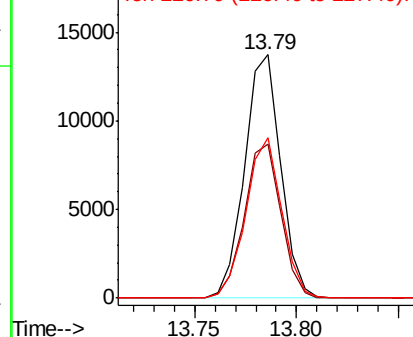


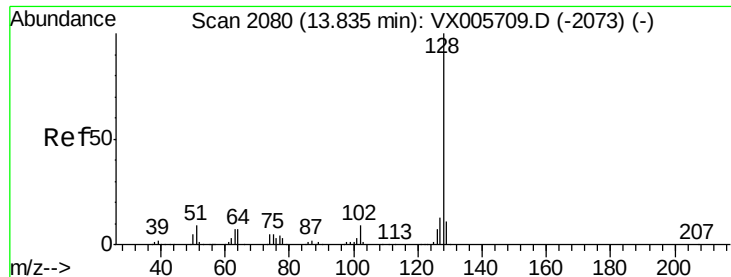
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





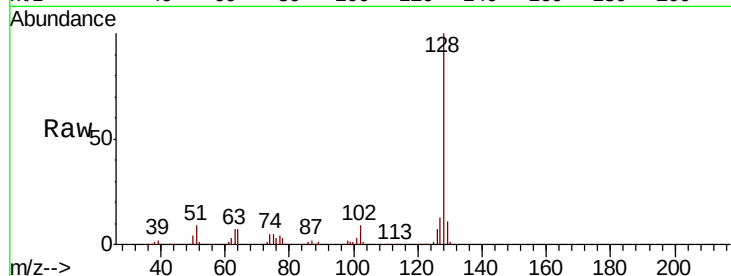
#95
Naphthalene
Concen: 19.634 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX005747.D
Acq: 02 Nov 2018 11:08

Instrument :
MSVOA_X
ClientSampleId :
VX1102WBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	122683		
127	13.3		10.4	15.6
129	10.7		8.7	13.1

Manual Integrations
APPROVED

MMDadoda
11/5/2018 3:09:33 PM

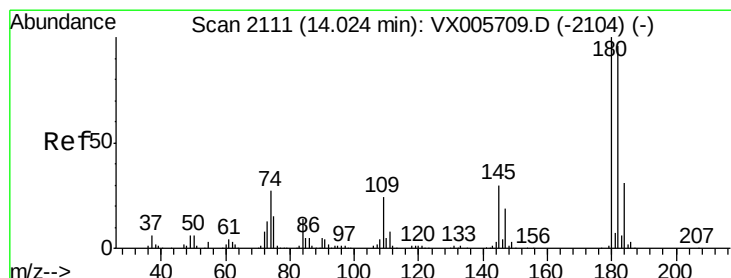
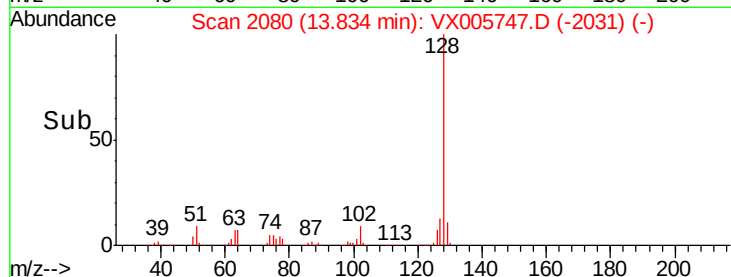
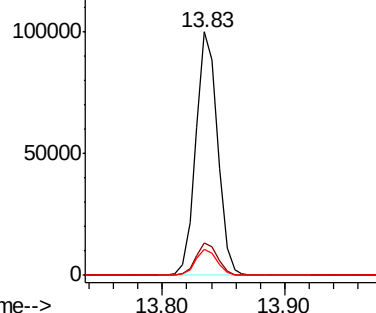


Abundance

Ion 128.00 (127.70 to 128.70): V

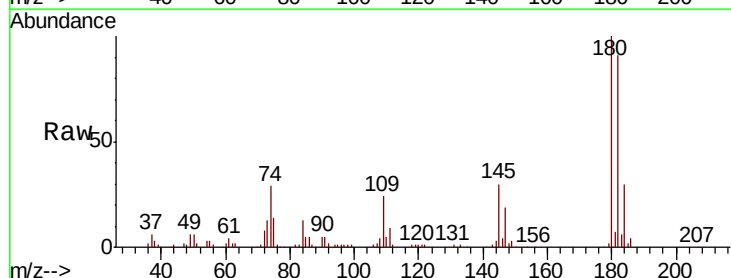
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 19.758 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. -0.00 min
Lab File: VX005747.D
Acq: 02 Nov 2018 11:08

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	38218		
182	93.9		48.0	144.2
145	31.0		15.1	45.3



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

