

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX110118\
 Data File : VX005725.D
 Acq On : 01 Nov 2018 13:24
 Operator : JC/MD
 Sample : VX1101WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1101WBS02

Manual Integrations
 APPROVED

MMDadoda
 11/2/2018 12:34:03 PM

Quant Time: Nov 01 15:06:24 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	5.66	168	132391	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	224862	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	189081	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	95588	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	88346	45.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.28%	
35) Dibromofluoromethane	5.50	113	66906	42.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.94%	
50) Toluene-d8	8.71	98	242290	44.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.74%	
62) 4-Bromofluorobenzene	11.14	95	86551	42.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.88%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	31644	20.690	ug/l	99
3) Chloromethane	1.32	50	33729	18.697	ug/l	98
4) Vinyl Chloride	1.40	62	36440	19.416	ug/l	100
5) Bromomethane	1.64	94	32812	14.089	ug/l	99
6) Chloroethane	1.72	64	22029	20.088	ug/l	93
7) Trichlorofluoromethane	1.93	101	46574	19.333	ug/l	100
8) Diethyl Ether	2.19	74	20206	18.660	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.38	101	28219	19.284	ug/l	92
10) Methyl Iodide	2.51	142	22844	17.356	ug/l	99
11) Tert butyl alcohol	3.07	59	50029	95.175	ug/l	100
12) 1,1-Dichloroethene	2.37	96	26652	18.691	ug/l	90
13) Acrolein	2.29	56	31375	91.540	ug/l	99
14) Allyl chloride	2.73	41	53774	18.238	ug/l	# 94
15) Acrylonitrile	3.15	53	104836	90.697	ug/l	97
16) Acetone	2.45	43	100133	94.826	ug/l	96
17) Carbon Disulfide	2.57	76	77466	17.679	ug/l	98
18) Methyl Acetate	2.78	43	48182	17.345	ug/l	93
19) Methyl tert-butyl Ether	3.20	73	97666	19.787	ug/l	99
20) Methylene Chloride	2.85	84	31907	19.116	ug/l	91
21) trans-1,2-Dichloroethene	3.16	96	28512	18.897	ug/l	93
22) Diisopropyl ether	3.87	45	103618	18.945	ug/l	95
23) Vinyl Acetate	3.82	43	457080	95.945	ug/l	96
24) 1,1-Dichloroethane	3.70	63	55617	17.983	ug/l	99
25) 2-Butanone	4.70	43	150890	92.413	ug/l	98
26) 2,2-Dichloropropane	4.58	77	44365	19.190	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	31902	18.816	ug/l	96
28) Bromochloromethane	5.01	49	30611	20.288	ug/l	93
29) Tetrahydrofuran	5.16	42	94215	94.538	ug/l	91
30) Chloroform	5.21	83	58921	19.486	ug/l	92
31) Cyclohexane	5.57	56	48415	18.720	ug/l	91
32) 1,1,1-Trichloroethane	5.49	97	47787	19.747	ug/l	95
36) 1,1-Dichloropropene	5.80	75	41721	17.415	ug/l	99
37) Ethyl Acetate	4.85	43	54070	17.691	ug/l	98
38) Carbon Tetrachloride	5.77	117	38545	17.808	ug/l	90

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Quant Time: Nov 01 15:06:24 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	46762	18.716	ug/l	96
40) Benzene	6.15	78	129406	18.156	ug/l	93
41) Methacrylonitrile	5.06	41	29529	17.880	ug/l	95
42) 1,2-Dichloroethane	6.20	62	47113	17.883	ug/l	98
43) Isopropyl Acetate	6.46	43	77232	17.410	ug/l	95
44) Trichloroethene	7.21	130	30008	18.204	ug/l	98
45) 1,2-Dichloropropane	7.52	63	33986	18.607	ug/l	98
46) Dibromomethane	7.66	93	21386	18.321	ug/l	90
47) Bromodichloromethane	7.90	83	38577	17.619	ug/l	96
48) Methyl methacrylate	7.77	41	38453	17.909	ug/l	94
49) 1,4-Dioxane	7.75	88	18273	382.194	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	271237	89.669	ug/l	98
52) Toluene	8.79	92	71407	18.523	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	42599	17.953	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	48769	19.184	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	30016	17.929	ug/l	99
56) Ethyl methacrylate	9.18	69	46729	18.101	ug/l	96
57) 1,3-Dichloropropane	9.37	76	52747	18.341	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	143245	95.413	ug/l	95
59) 2-Hexanone	9.49	43	212725	86.416	ug/l	96
60) Dibromochloromethane	9.58	129	28821	17.815	ug/l	99
61) 1,2-Dibromoethane	9.67	107	30943	18.138	ug/l	100
64) Tetrachloroethene	9.33	164	27485	19.897	ug/l	97
65) Chlorobenzene	10.14	112	77223	19.219	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	26660	19.382	ug/l	97
67) Ethyl Benzene	10.25	91	136075	19.844	ug/l	98
68) m/p-Xylenes	10.36	106	102025	40.040	ug/l	96
69) o-Xylene	10.70	106	48670	19.971	ug/l	96
70) Styrene	10.71	104	81025	20.017	ug/l	98
71) Bromoform	10.86	173	20683	18.559	ug/l #	100
73) Isopropylbenzene	11.02	105	133852	21.225	ug/l	99
74) N-amyl acetate	10.90	43	65816	19.603	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	51299	19.607	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	47206m	19.828	ug/l	
77) Bromobenzene	11.26	156	32278	20.633	ug/l	89
78) n-propylbenzene	11.36	91	160000	20.856	ug/l	96
79) 2-Chlorotoluene	11.42	91	95102	20.756	ug/l	96
80) 1,3,5-Trimethylbenzene	11.51	105	112272	20.967	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	14466	19.632	ug/l	96
82) 4-Chlorotoluene	11.51	91	111957	20.467	ug/l	96
83) tert-Butylbenzene	11.77	119	106837	20.911	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	116118	21.475	ug/l	98
85) sec-Butylbenzene	11.94	105	135162	20.624	ug/l	98
86) p-Isopropyltoluene	12.07	119	115917	20.797	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	59051	19.522	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	60876	18.734	ug/l	97
89) n-Butylbenzene	12.39	91	109425	19.458	ug/l	97
90) Hexachloroethane	12.60	117	19036	19.250	ug/l	81
91) 1,2-Dichlorobenzene	12.40	146	59973	18.978	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	11712	19.086	ug/l	88

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Instrument :
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ClientSampleId :
VX1101WBS02

Manual Integrations
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Quant Title : SW846 8260
QLast Update : Wed Oct 31 18:23:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	39872	19.672	ug/l	98
94) Hexachlorobutadiene	13.79	225	18955	19.332	ug/l	97
95) Naphthalene	13.83	128	139607	20.945	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	41745	20.231	ug/l	99

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

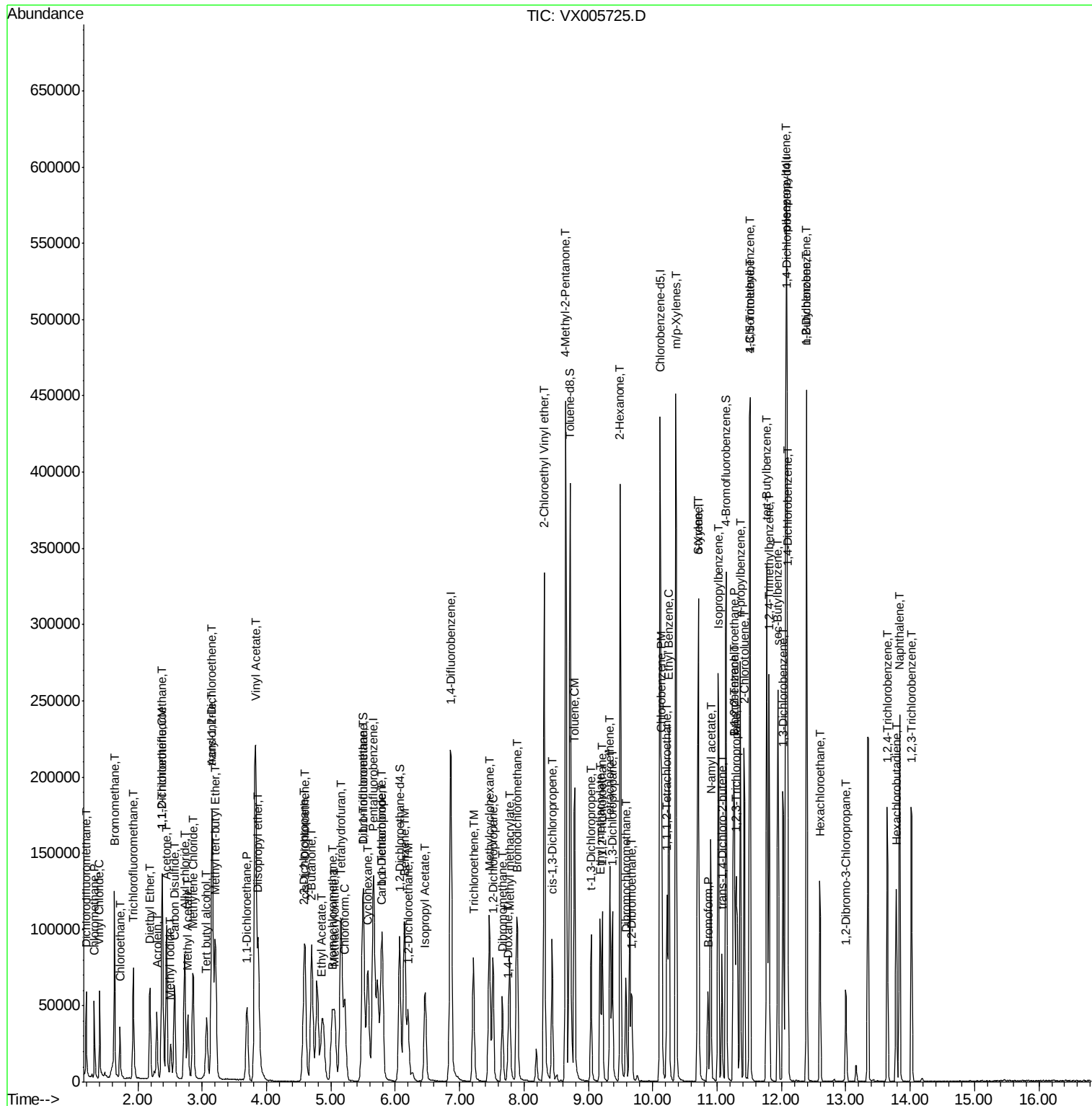
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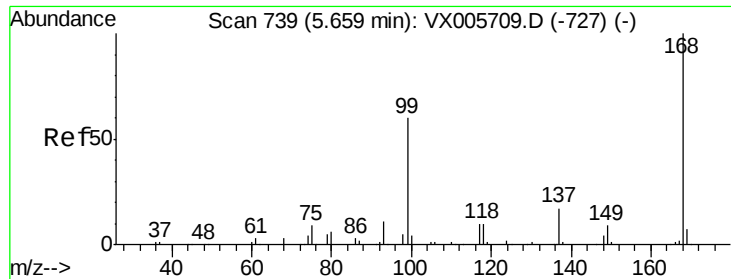
Instrument :
MSVOA_X
Client Sampled :
VX1101WBS02

Manual Integrations
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Quant Title : SW846 8260
QLast Update : Wed Oct 31 18:23:06 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005725.D

Acq: 01 Nov 2018 13:24

Instrument :

MSVOA_X

ClientSampled :

VX1101WBS02

Tgt Ion:168 Resp: 132391

Ion Ratio Lower Upper

168 100

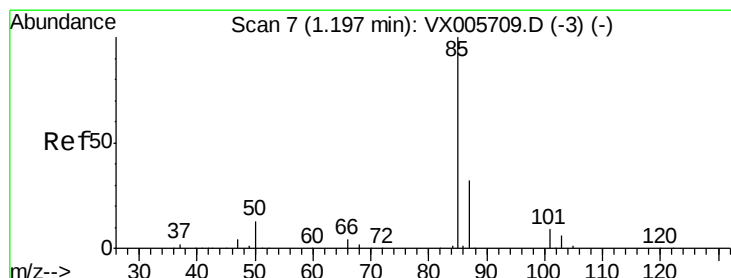
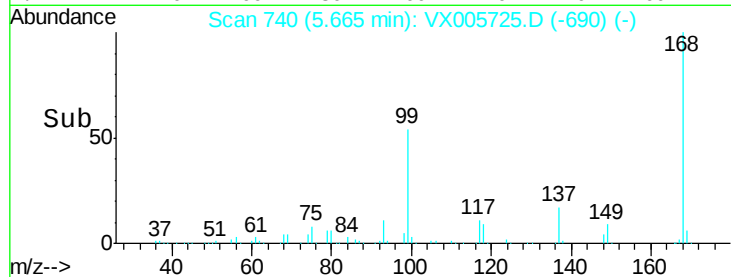
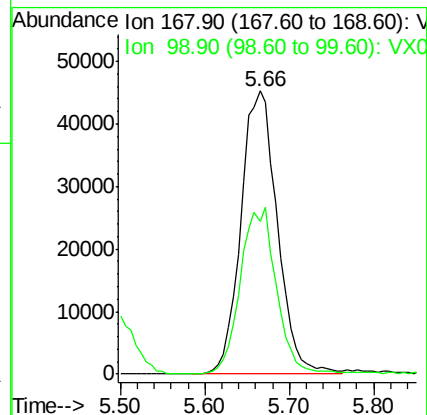
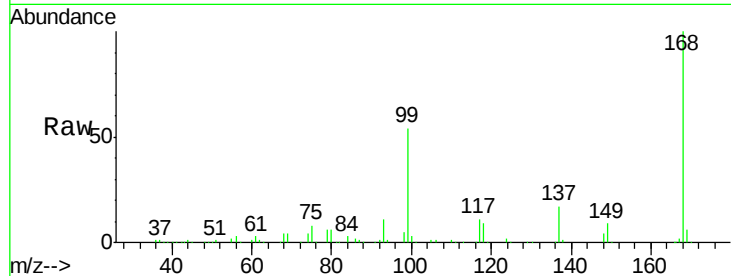
99 54.1 40.7 61.1

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 20.690 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005725.D

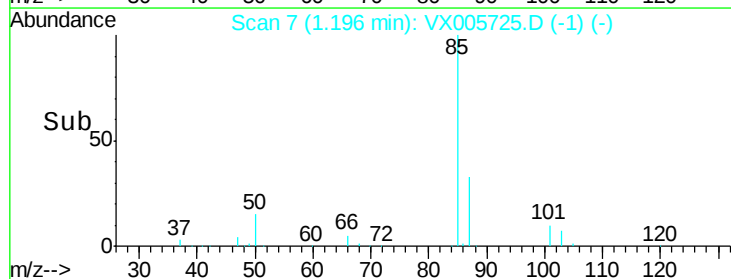
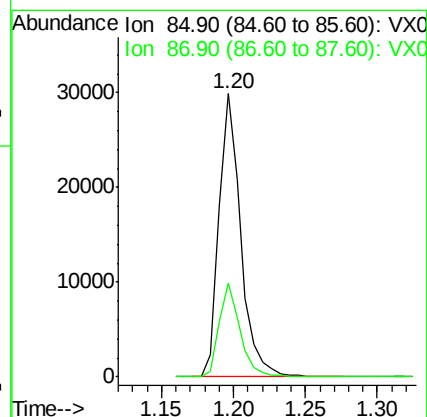
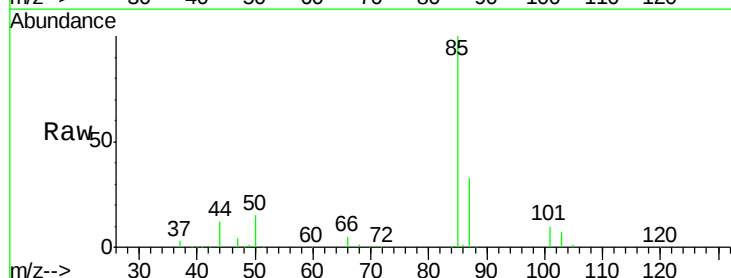
Acq: 01 Nov 2018 13:24

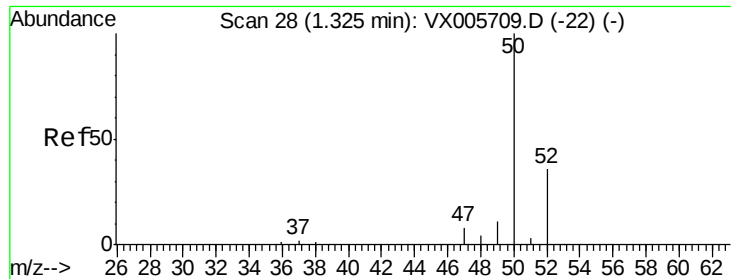
Tgt Ion: 85 Resp: 31644

Ion Ratio Lower Upper

85 100

87 33.1 16.3 48.9





#3

Chloromethane

Concen: 18.697 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005725.D

Acq: 01 Nov 2018 13:24

Instrument :

MSVOA_X

ClientSampleId :

VX1101WBS02

Tgt Ion: 50 Resp: 33729

Ion Ratio Lower Upper

50 100

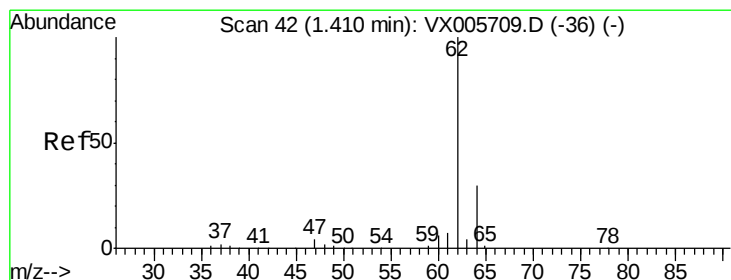
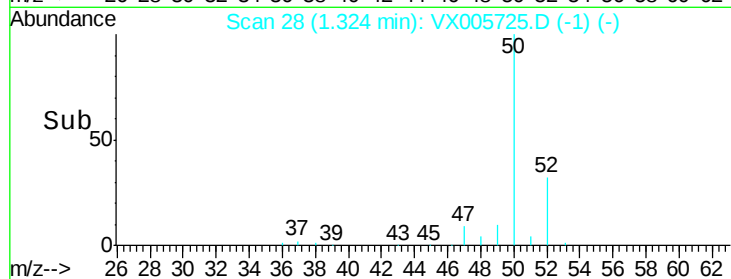
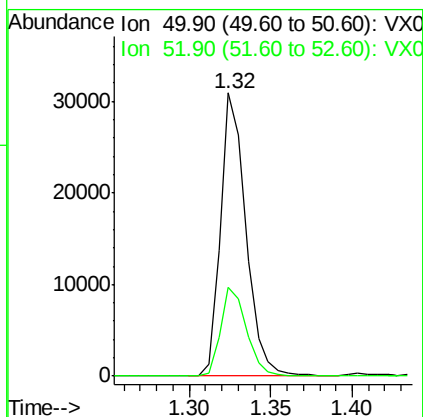
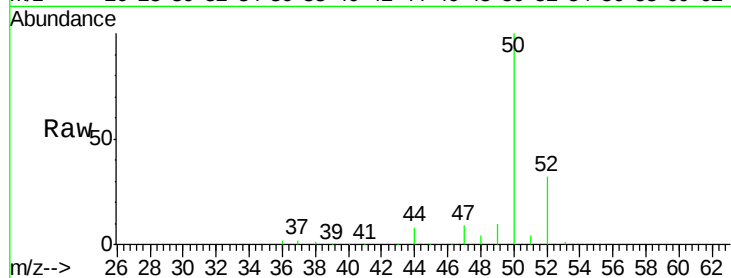
52 31.5 26.2 39.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 19.416 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX005725.D

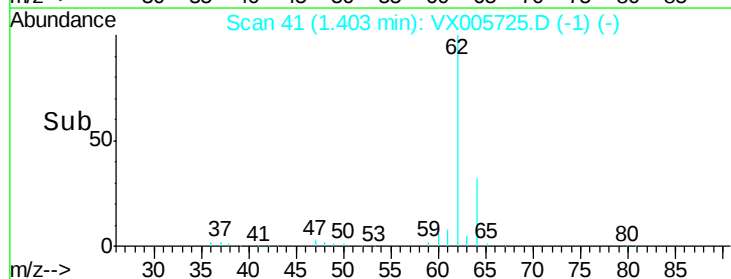
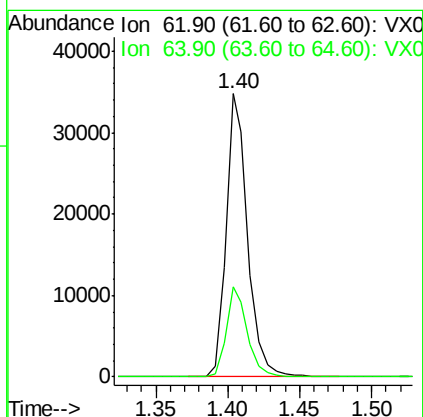
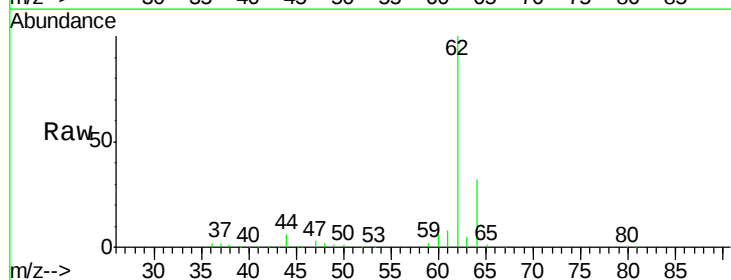
Acq: 01 Nov 2018 13:24

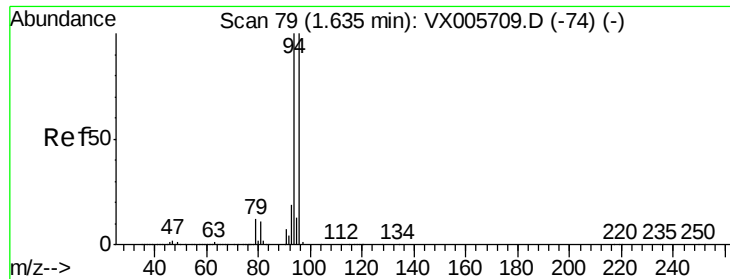
Tgt Ion: 62 Resp: 36440

Ion Ratio Lower Upper

62 100

64 31.8 25.3 37.9





#5

Bromomethane

Concen: 14.089 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005725.D

Acq: 01 Nov 2018 13:24

Instrument :

MSVOA_X

ClientSampleId :

VX1101WBS02

Tgt Ion: 94 Resp: 32812

Ion Ratio Lower Upper

94 100

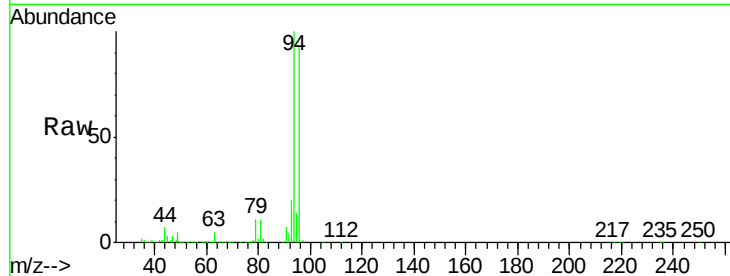
96 92.6 75.2 112.8

Manual Integrations

APPROVED

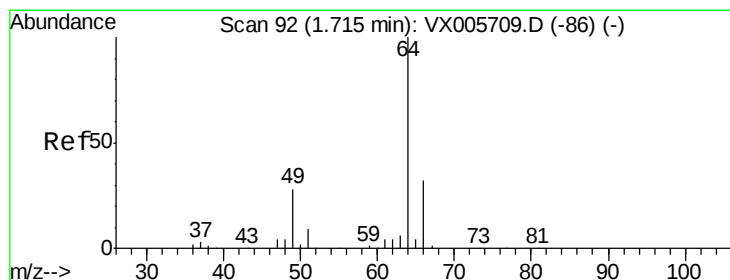
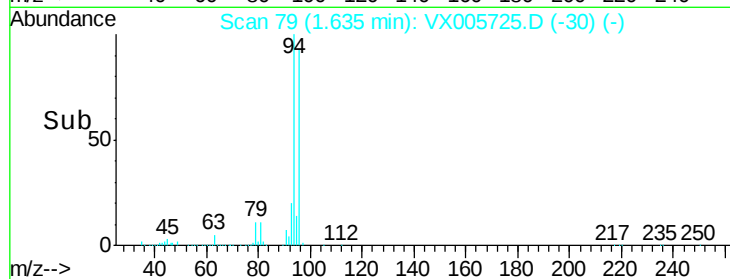
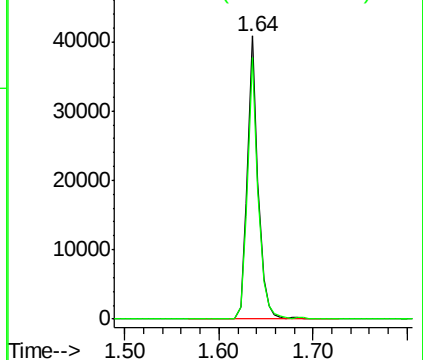
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 20.088 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX005725.D

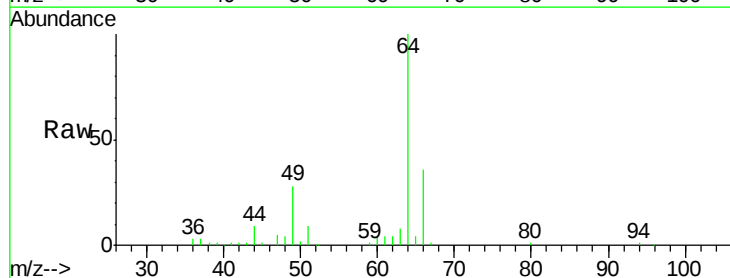
Acq: 01 Nov 2018 13:24

Tgt Ion: 64 Resp: 22029

Ion Ratio Lower Upper

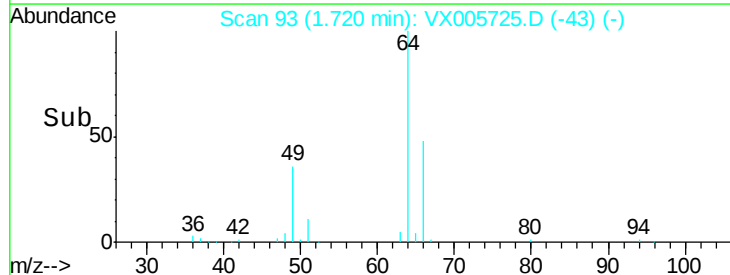
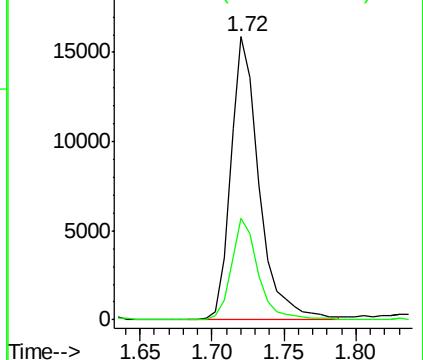
64 100

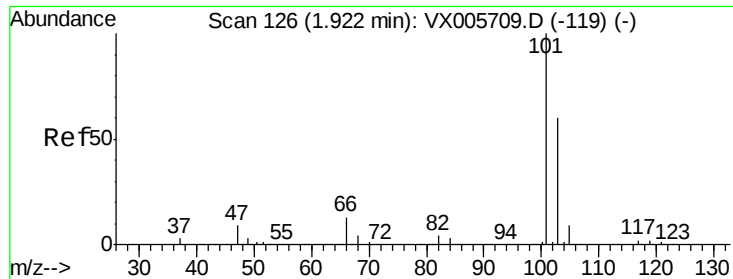
66 36.0 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

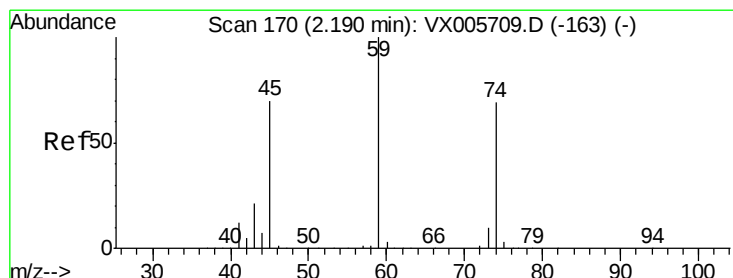
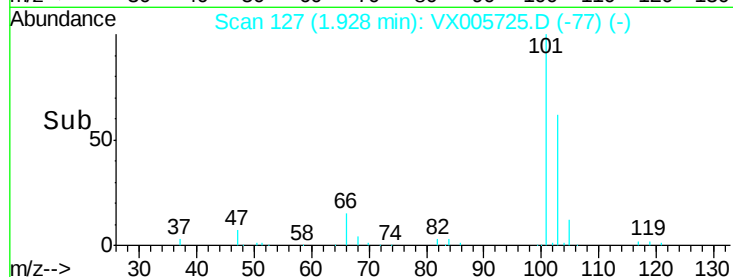
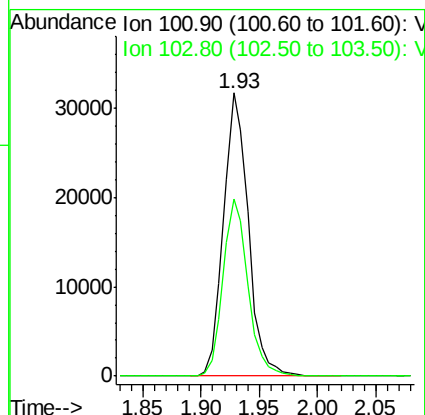
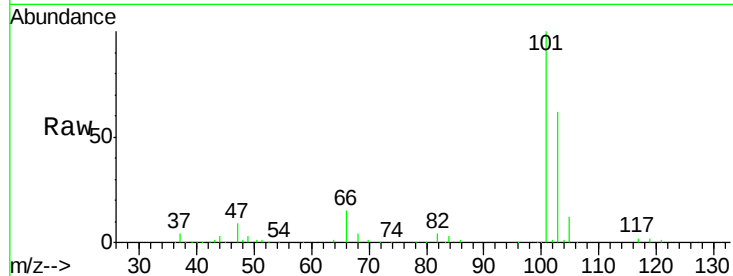
Trichlorofluoromethane
Concen: 19.333 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.01 min
Lab File: VX005725.D
Acq: 01 Nov 2018 13:24

Instrument :
MSVOA_X
ClientSampleId :
VX1101WBS02

Tgt Ion: 101 Resp: 46574
Ion Ratio Lower Upper
101 100
103 62.4 50.0 75.0

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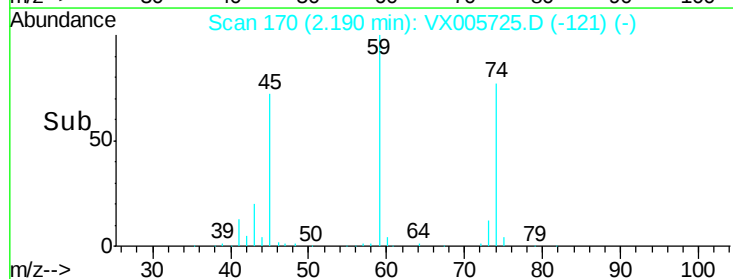
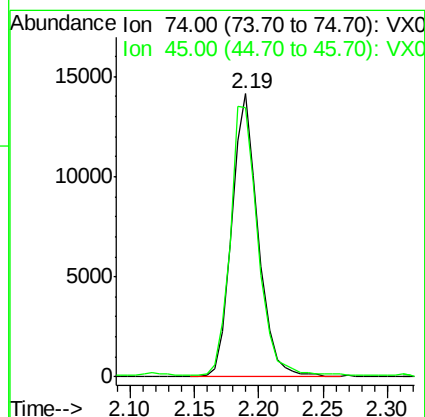
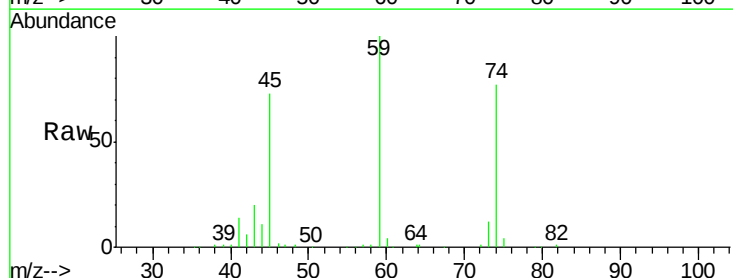
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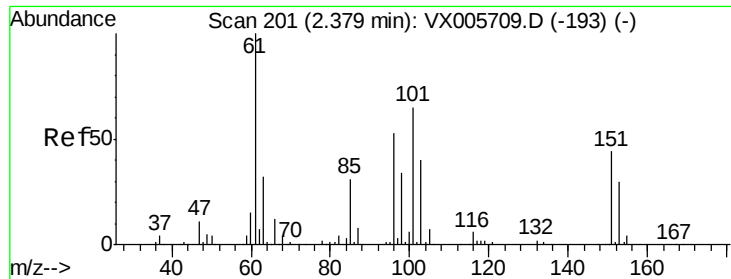


#8

Diethyl Ether
Concen: 18.660 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX005725.D
Acq: 01 Nov 2018 13:24

Tgt Ion: 74 Resp: 20206
Ion Ratio Lower Upper
74 100
45 100.4 54.1 162.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.284 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX005725.D

Acq: 01 Nov 2018 13:24

Instrument :

MSVOA_X

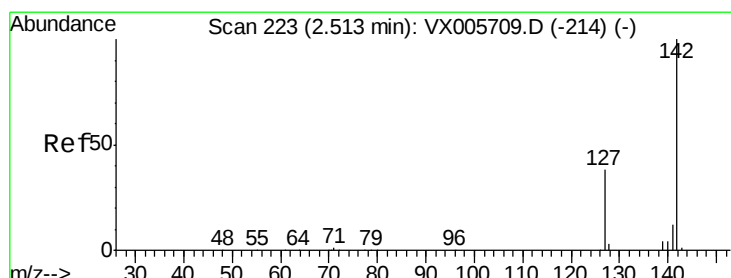
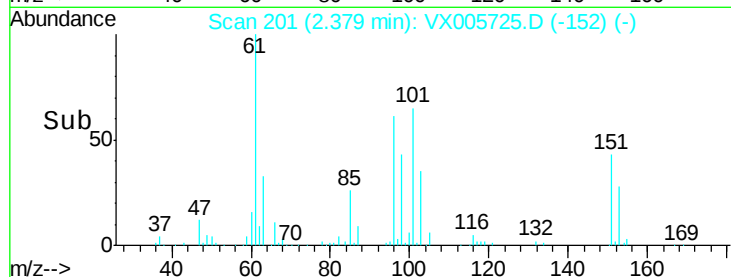
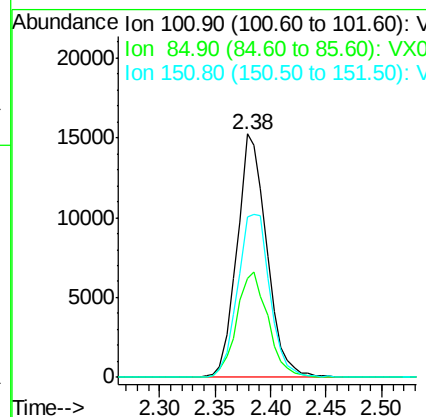
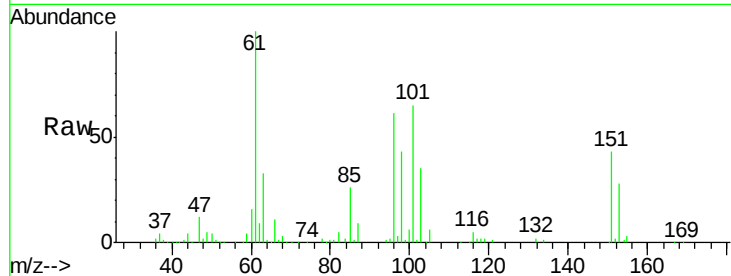
ClientSampleId :

VX1101WBS02

Tgt Ion:	101	Resp:	28219
Ion Ratio	Lower	Upper	
101	100		
85	45.3	35.0	52.4
151	72.9	66.2	99.2

Manual Integrations
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#10

Methyl Iodide

Concen: 17.356 ug/l

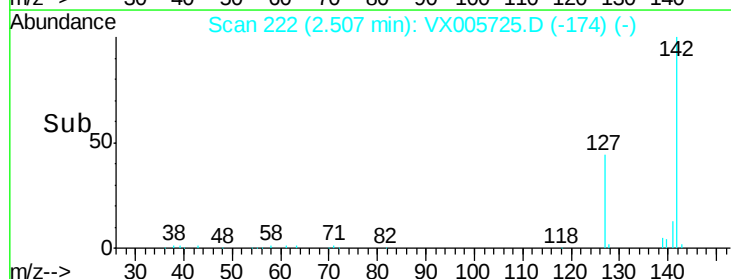
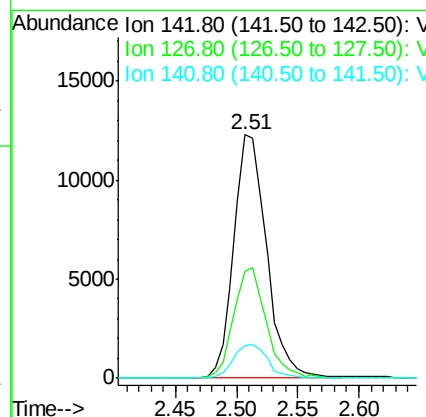
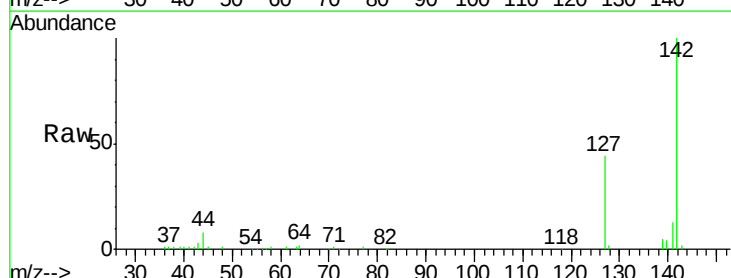
RT: 2.51 min Scan# 222

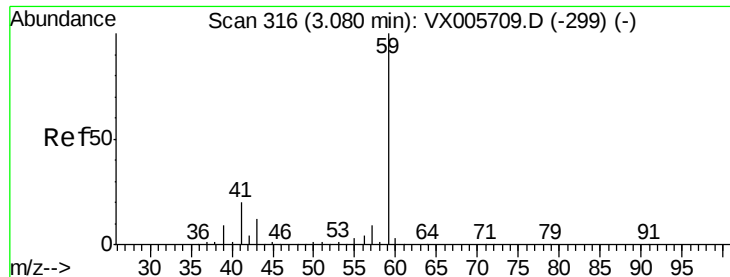
Delta R.T. -0.01 min

Lab File: VX005725.D

Acq: 01 Nov 2018 13:24

Tgt Ion:	142	Resp:	22844
Ion Ratio	Lower	Upper	
142	100		
127	44.5	36.0	54.0
141	14.2	11.7	17.5





#11

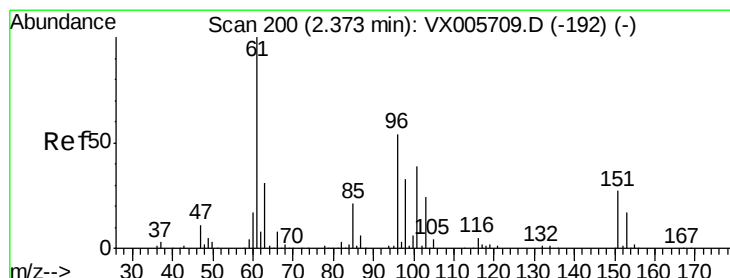
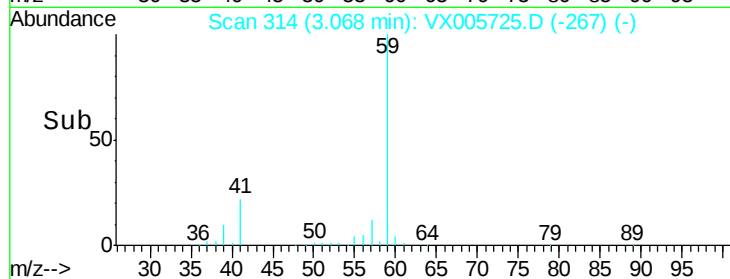
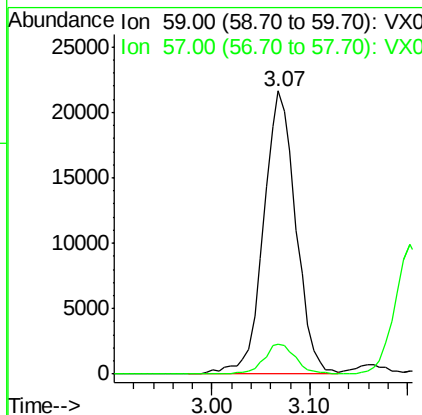
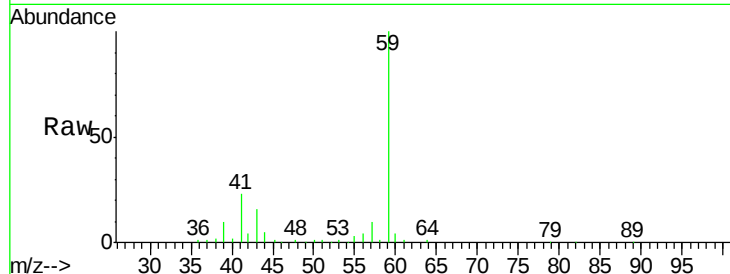
Tert butyl alcohol
Concen: 95.175 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX005725.D
Acq: 01 Nov 2018 13:24

Instrument :
MSVOA_X
ClientSampleId :
VX1101WBS02

Tgt Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.5	12.7

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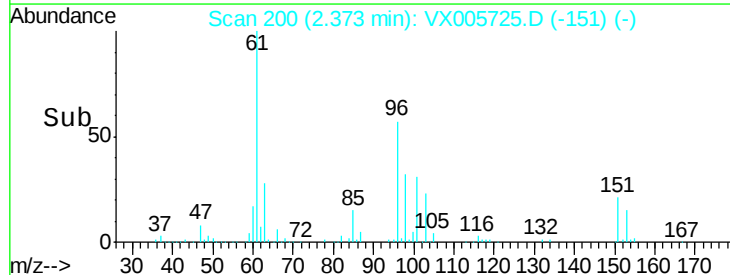
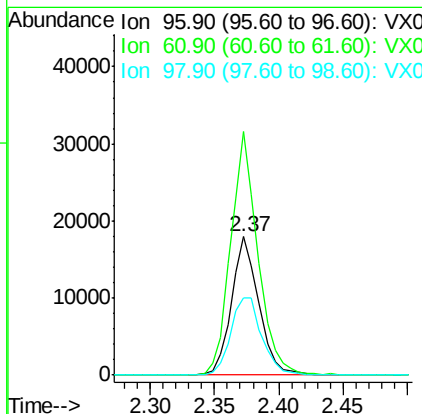
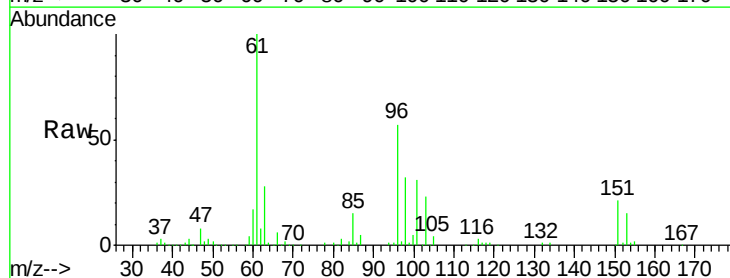
MMDadoda
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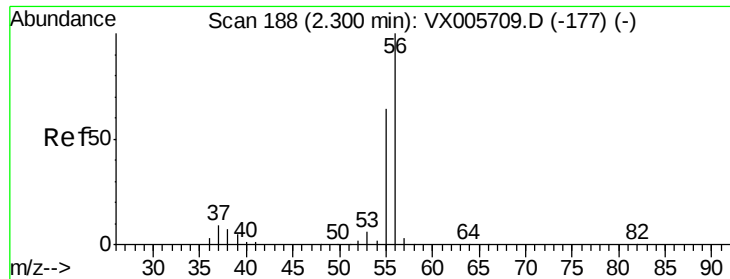


#12

1,1-Dichloroethene
Concen: 18.691 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX005725.D
Acq: 01 Nov 2018 13:24

Tgt Ion	Ratio	Lower	Upper
96	100		
61	175.9	131.8	197.8
98	55.9	53.4	80.2





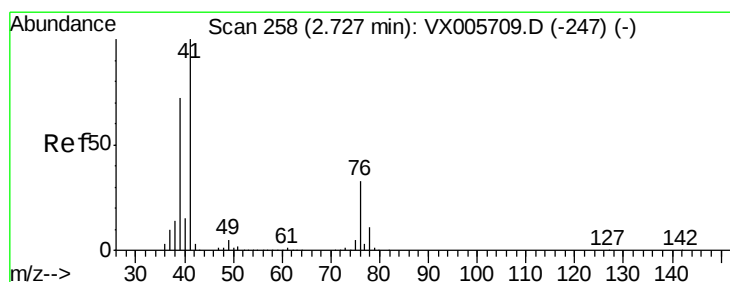
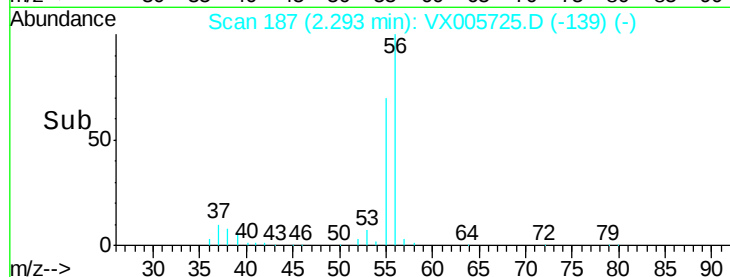
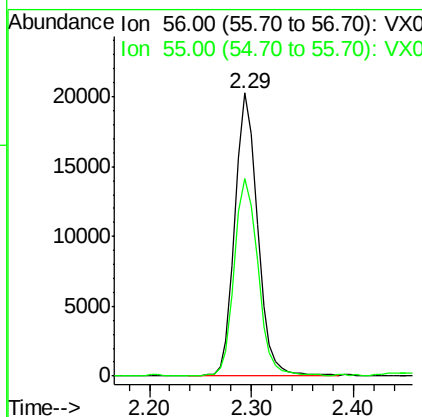
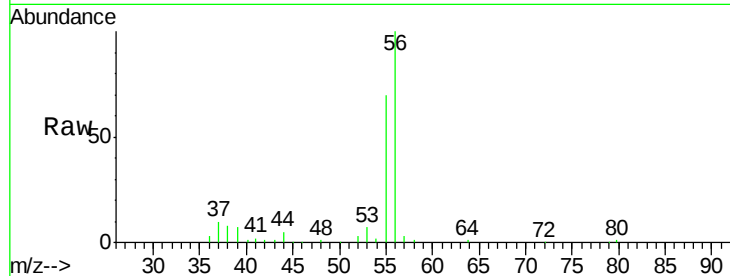
#13
Acrolein
Concen: 91.540 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.01 min
Lab File: VX005725.D
Acq: 01 Nov 2018 13:24

Instrument :
MSVOA_X
ClientSampleId :
VX1101WBS02

Tgt Ion: 56 Resp: 31375
Ion Ratio Lower Upper
56 100
55 72.6 57.3 85.9

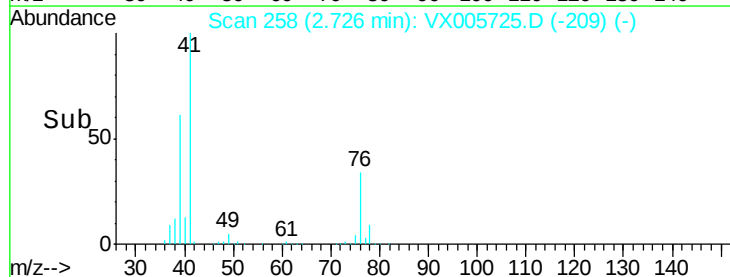
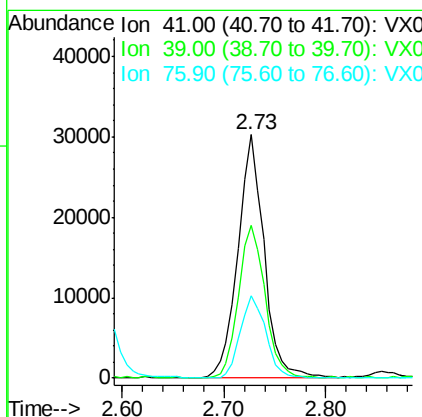
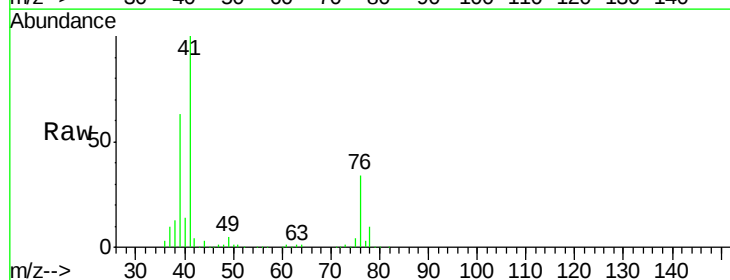
Manual Integrations
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#14
Allyl chloride
Concen: 18.238 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.00 min
Lab File: VX005725.D
Acq: 01 Nov 2018 13:24

Tgt Ion: 41 Resp: 53774
Ion Ratio Lower Upper
41 100
39 63.0 48.2 72.4
76 33.3 21.9 32.9#





#15

Acrylonitrile

Concen: 90.697 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX005725.D

Acq: 01 Nov 2018 13:24

Instrument :

MSVOA_X

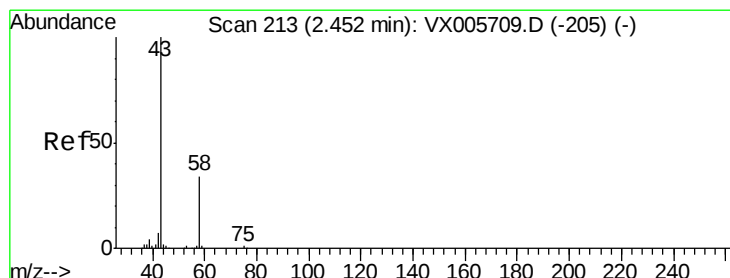
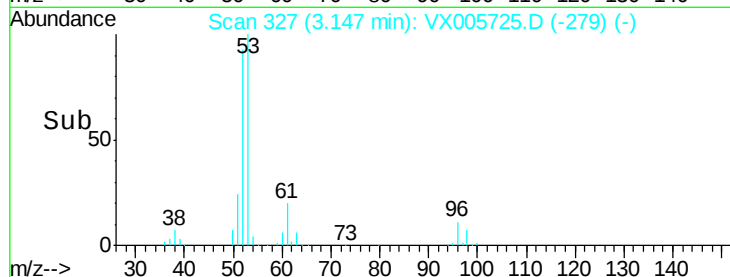
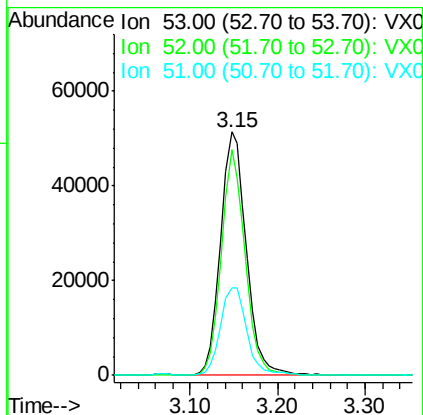
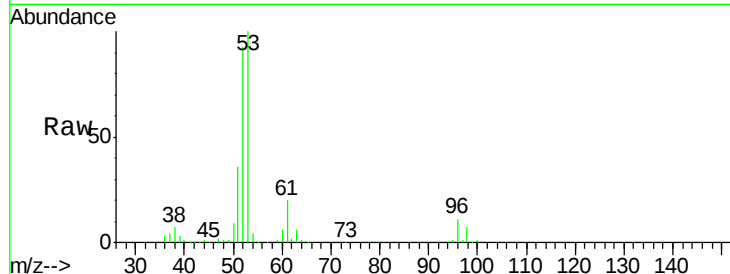
ClientSampleId :

VX1101WBS02

Tgt Ion:	53	Resp:	104836
Ion Ratio		Lower	Upper
53	100		
52	85.9	66.6	99.8
51	37.1	28.4	42.6

Manual Integrations
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#16

Acetone

Concen: 94.826 ug/l

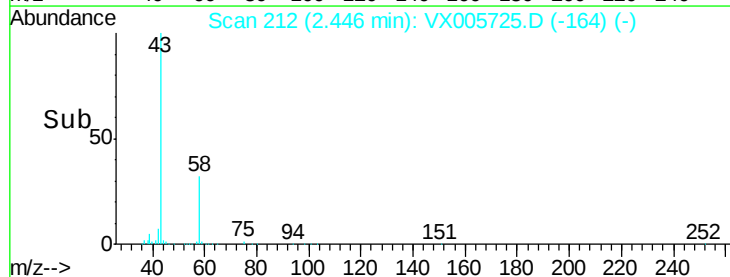
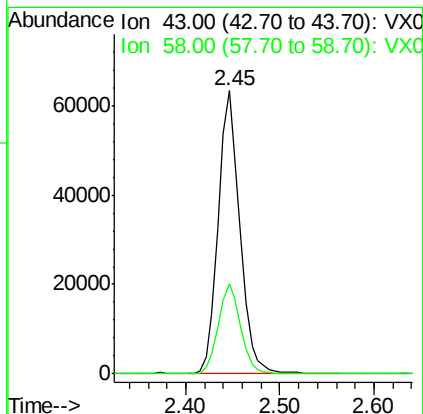
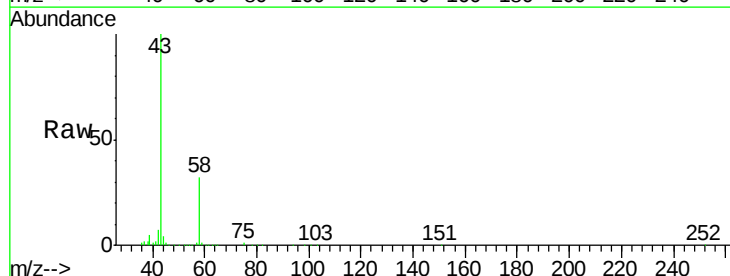
RT: 2.45 min Scan# 212

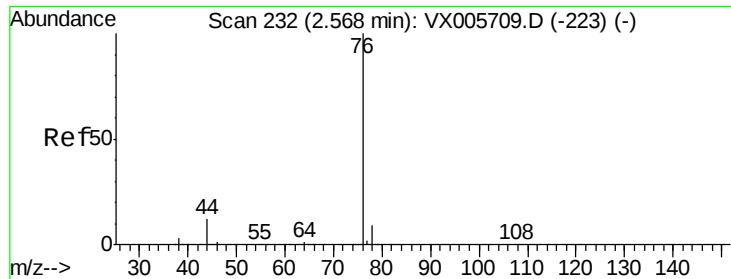
Delta R.T. -0.01 min

Lab File: VX005725.D

Acq: 01 Nov 2018 13:24

Tgt Ion:	43	Resp:	100133
Ion Ratio		Lower	Upper
43	100		
58	32.0	23.8	35.6





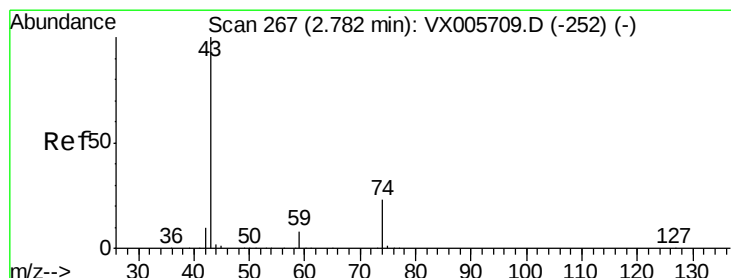
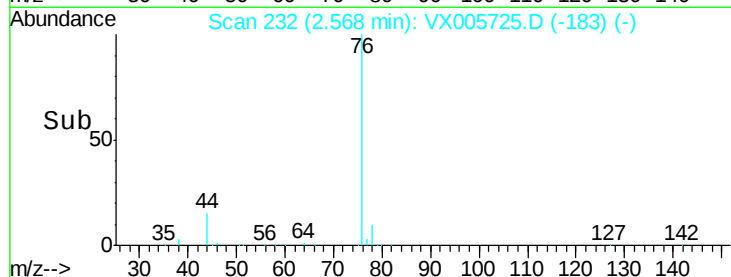
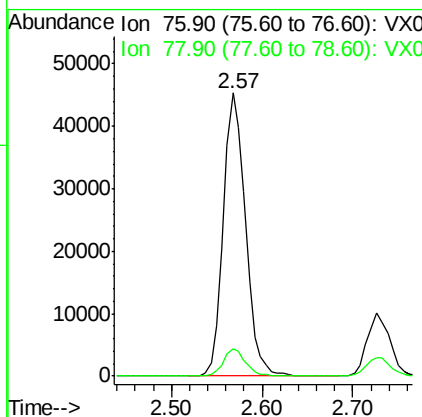
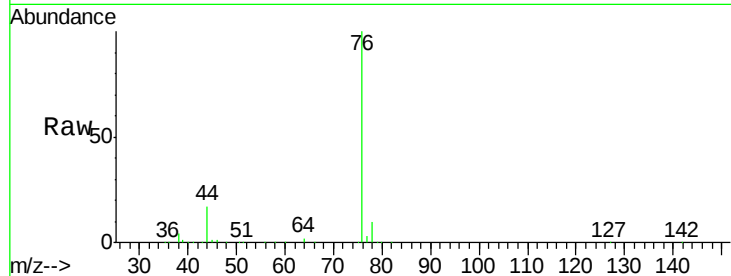
#17
Carbon Disulfide
Concen: 17.679 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX005725.D
Acq: 01 Nov 2018 13:24

Instrument :
MSVOA_X
ClientSampled :
VX1101WBS02

Tgt Ion: 76 Resp: 77466
Ion Ratio Lower Upper
76 100
78 9.8 7.3 10.9

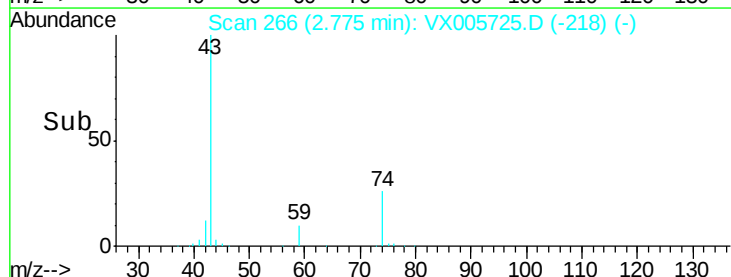
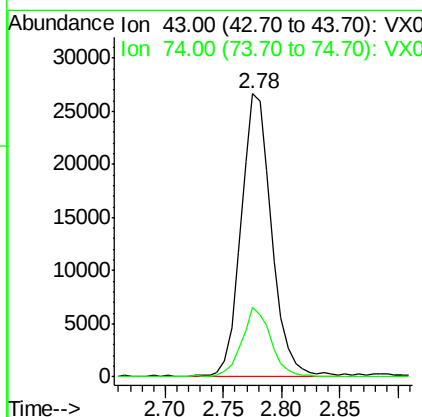
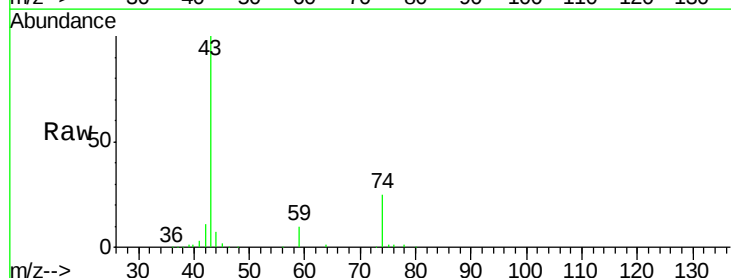
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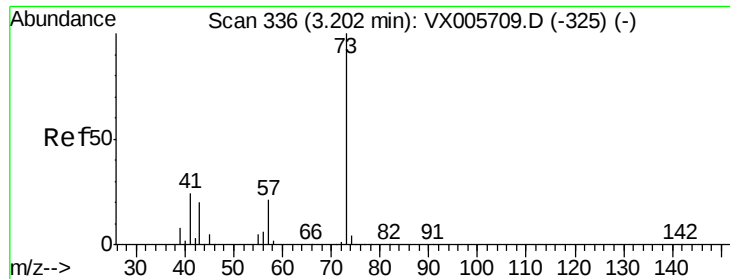
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#18
Methyl Acetate
Concen: 17.345 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX005725.D
Acq: 01 Nov 2018 13:24

Tgt Ion: 43 Resp: 48182
Ion Ratio Lower Upper
43 100
74 24.1 16.8 25.2





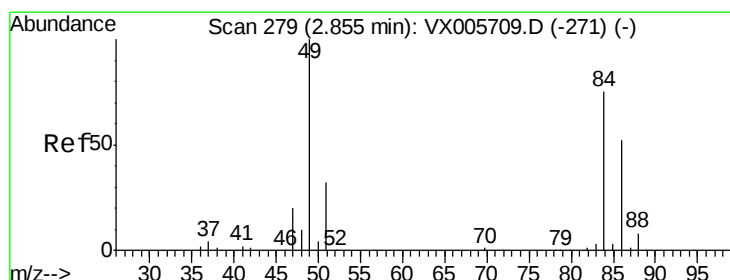
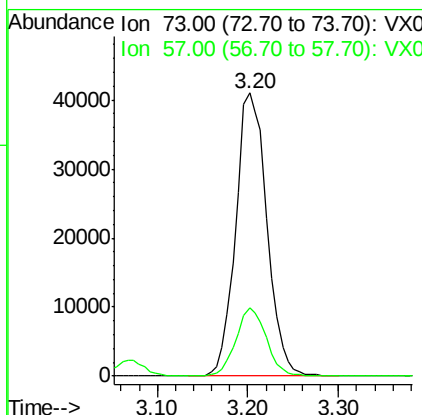
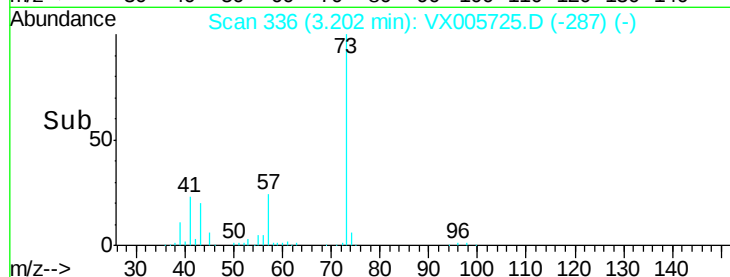
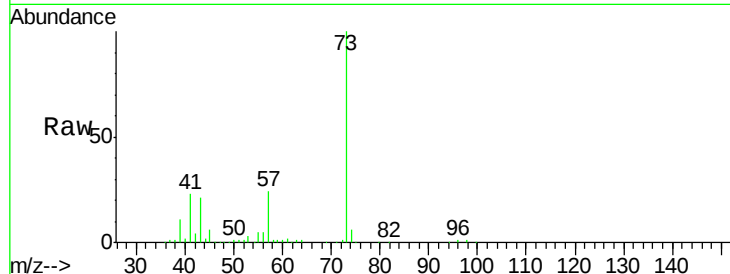
#19
Methyl tert-butyl Ether
Concen: 19.787 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX005725.D
Acq: 01 Nov 2018 13:24

Instrument :
MSVOA_X
ClientSampleId :
VX1101WBS02

Tgt Ion: 73 Resp: 97666
Ion Ratio Lower Upper
73 100
57 24.2 18.8 28.2

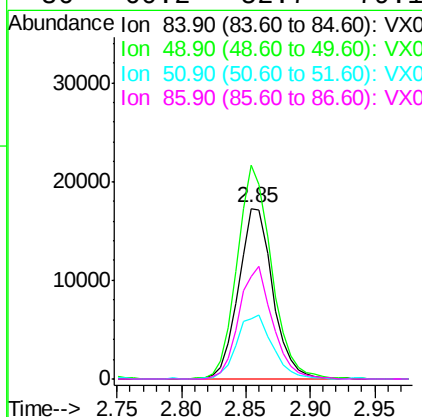
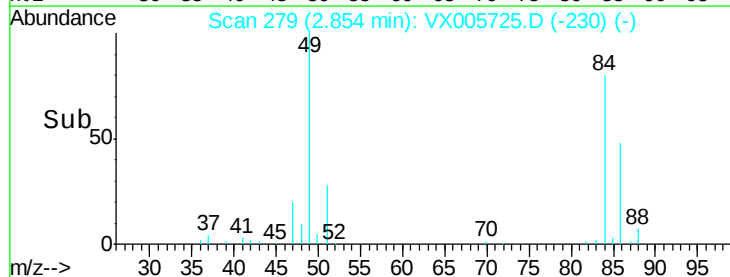
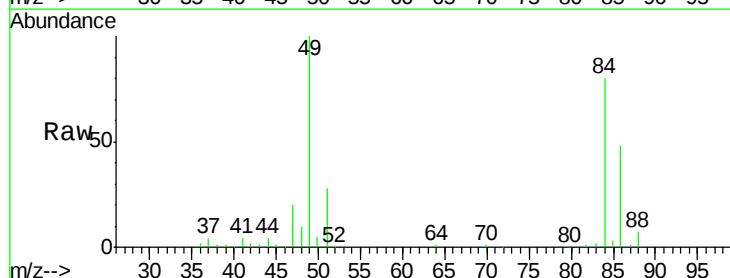
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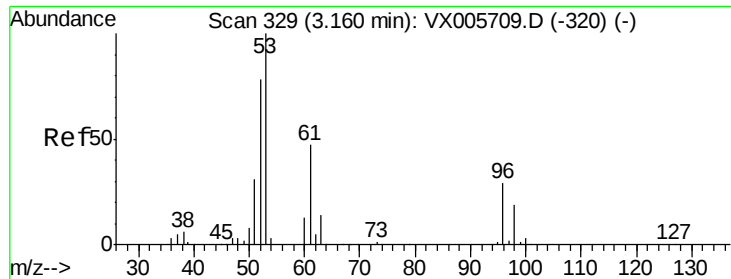
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#20
Methylene Chloride
Concen: 19.116 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX005725.D
Acq: 01 Nov 2018 13:24

Tgt Ion: 84 Resp: 31907
Ion Ratio Lower Upper
84 100
49 125.1 109.5 164.3
51 35.3 33.3 49.9
86 60.2 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 18.897 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX005725.D

Acq: 01 Nov 2018 13:24

Instrument :

MSVOA_X

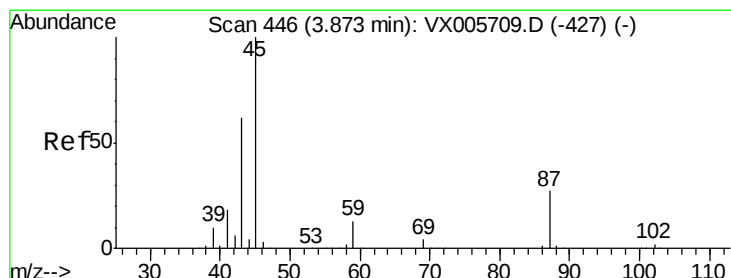
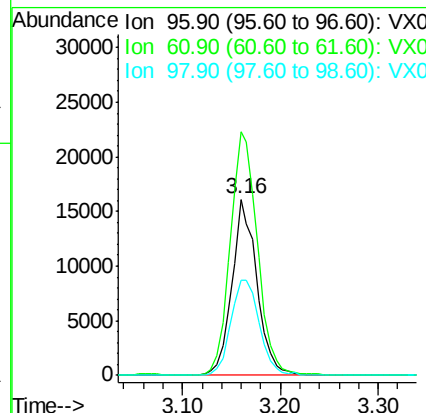
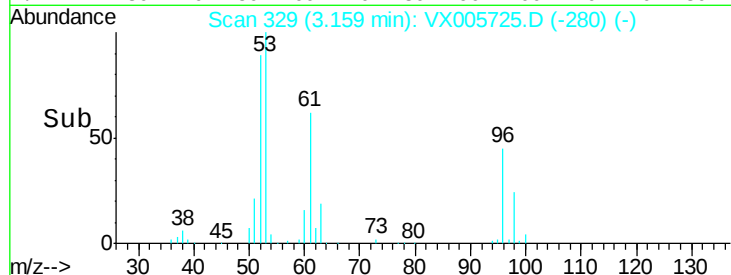
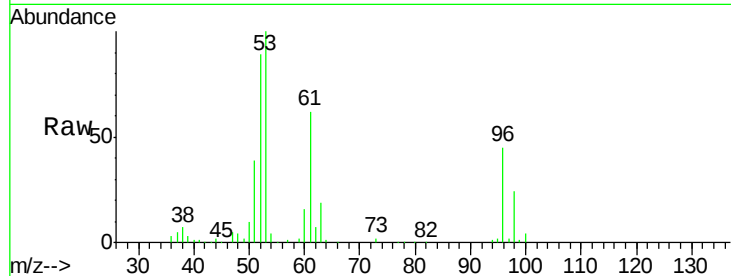
ClientSampleId :

VX1101WBS02

Tgt Ion:	96	Resp:	28512
Ion	Ratio	Lower	Upper
96	100		
61	138.5	115.6	173.4
98	53.9	50.2	75.2

Manual Integrations
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#22

Diisopropyl ether

Concen: 18.945 ug/l

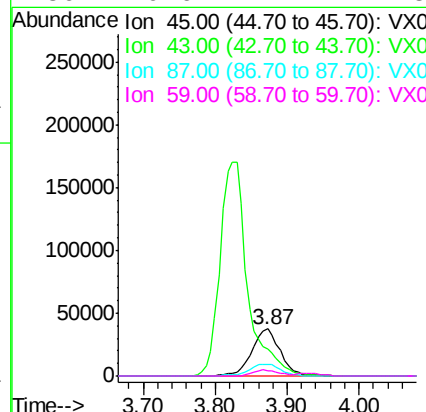
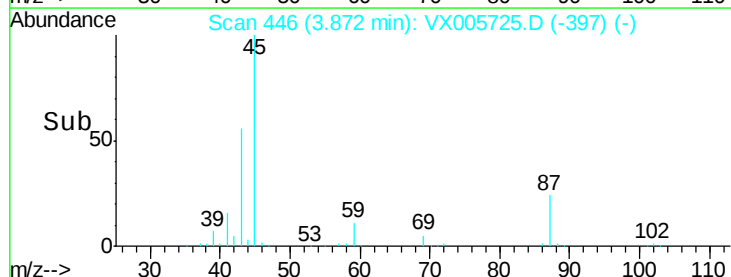
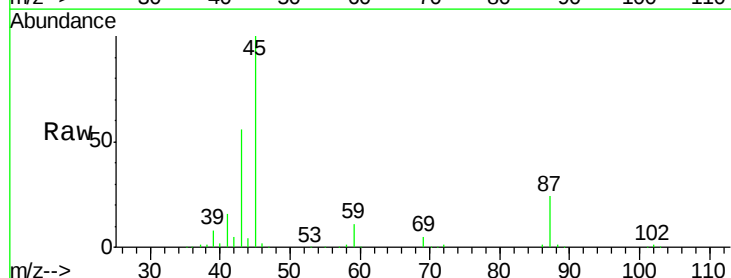
RT: 3.87 min Scan# 446

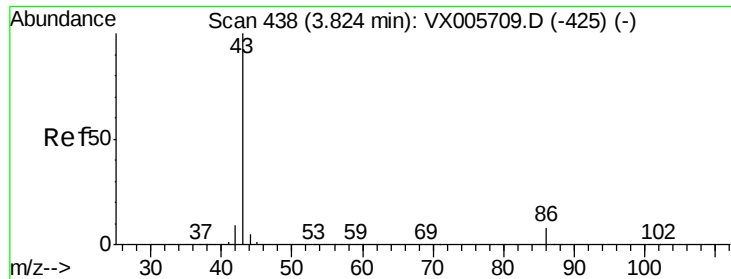
Delta R.T. -0.00 min

Lab File: VX005725.D

Acq: 01 Nov 2018 13:24

Tgt Ion:	45	Resp:	103618
Ion	Ratio	Lower	Upper
45	100		
43	55.6	47.4	71.2
87	23.5	15.9	23.9
59	10.6	7.7	11.5





#23

Vinyl Acetate

Concen: 95.945 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX005725.D

Acq: 01 Nov 2018 13:24

Instrument :

MSVOA_X

ClientSampleId :

VX1101WBS02

Tgt Ion: 43 Resp: 457080

Ion Ratio Lower Upper

43 100

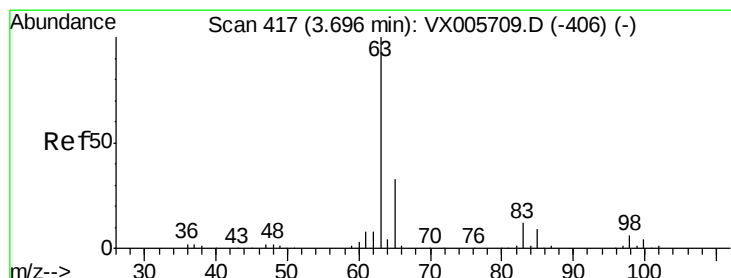
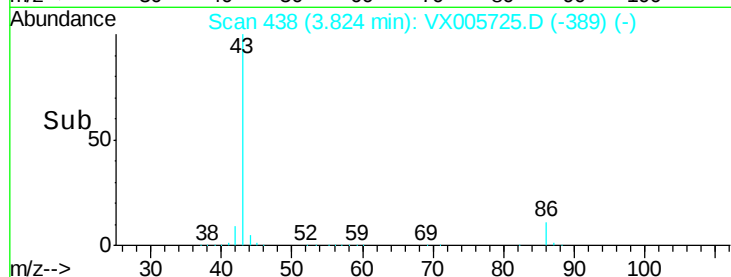
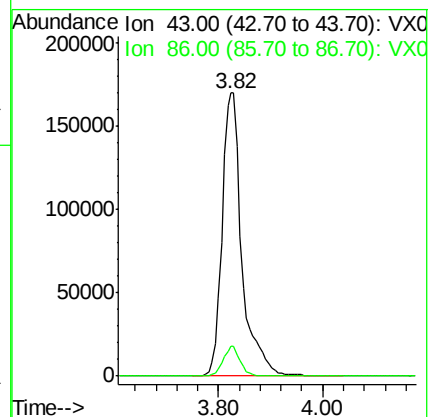
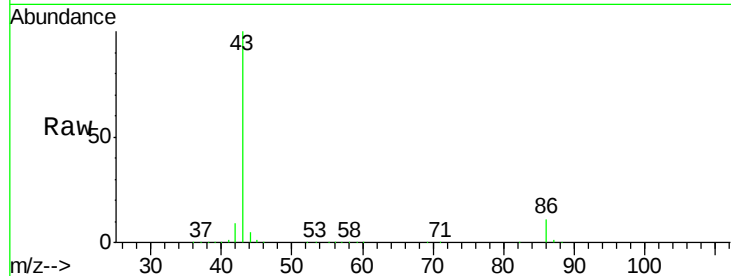
86 10.7 7.4 11.2

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 17.983 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX005725.D

Acq: 01 Nov 2018 13:24

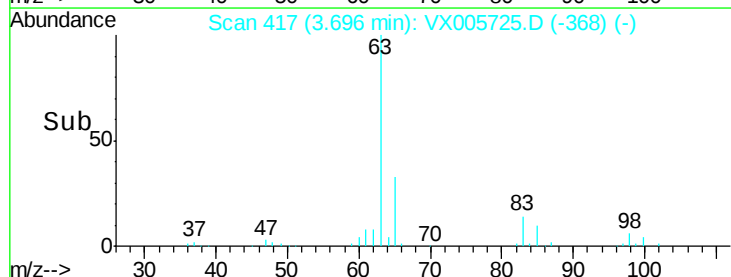
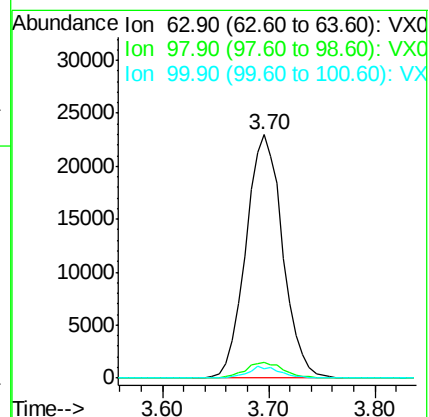
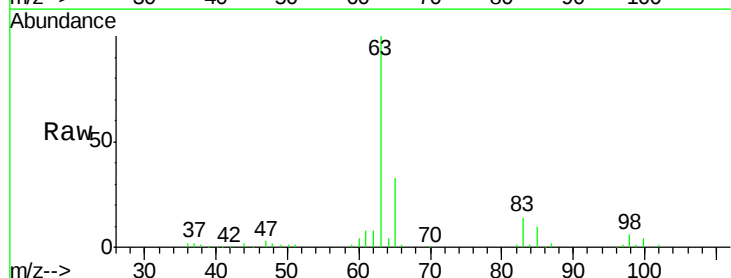
Tgt Ion: 63 Resp: 55617

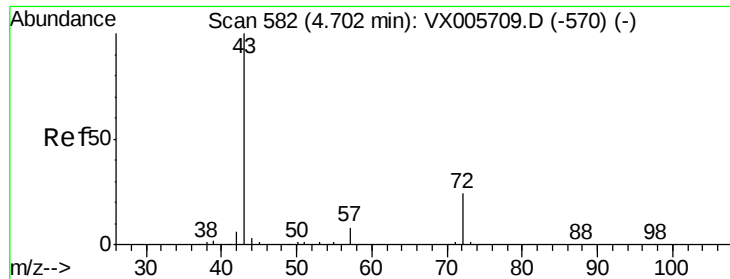
Ion Ratio Lower Upper

63 100

98 6.4 3.2 9.6

100 3.7 2.1 6.2





#25

2-Butanone

Concen: 92.413 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX005725.D

Acq: 01 Nov 2018 13:24

Instrument :

MSVOA_X

ClientSampleId :

VX1101WBS02

Tgt Ion: 43 Resp: 150890

Ion Ratio Lower Upper

43 100

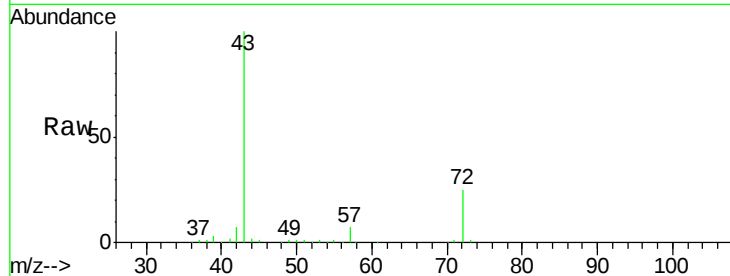
72 25.2 19.2 28.8

Manual Integrations

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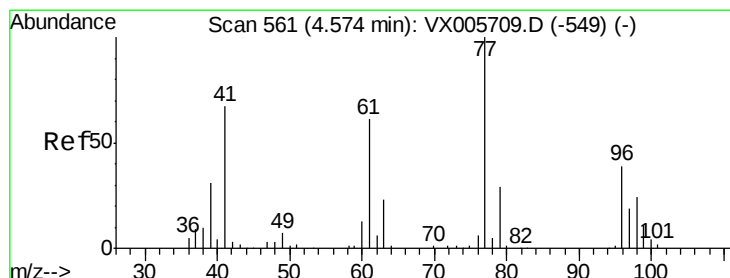
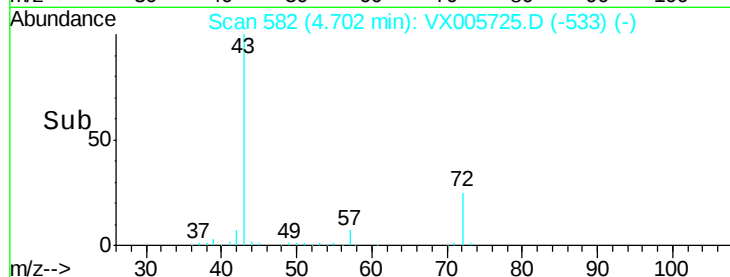
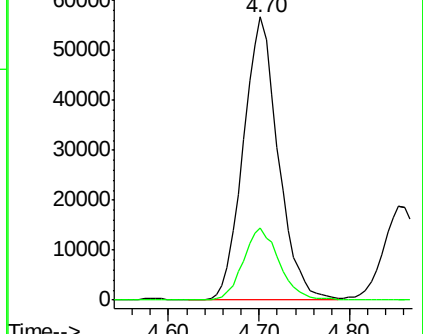
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 19.190 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.01 min

Lab File: VX005725.D

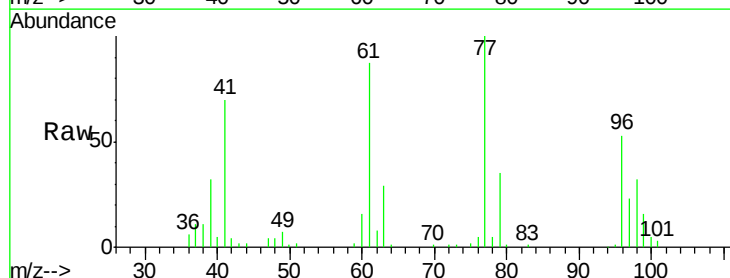
Acq: 01 Nov 2018 13:24

Tgt Ion: 77 Resp: 44365

Ion Ratio Lower Upper

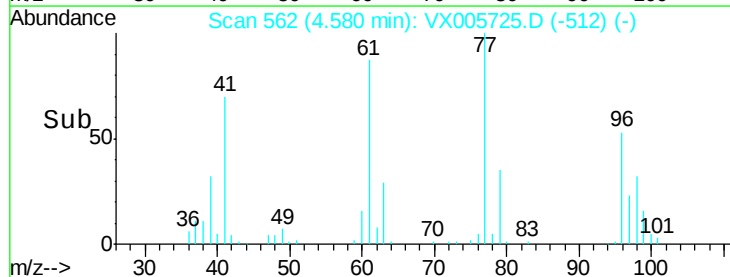
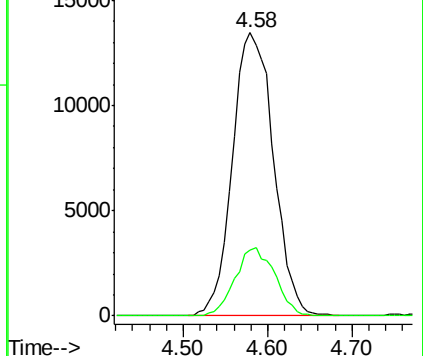
77 100

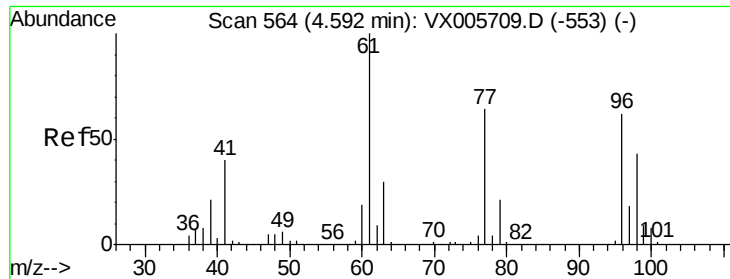
97 23.3 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

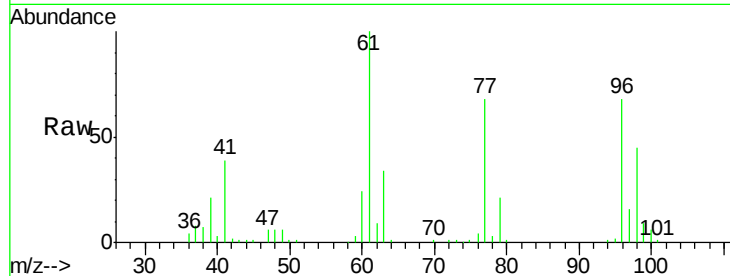
cis-1,2-Dichloroethene
Concen: 18.816 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.01 min
Lab File: VX005725.D
Acq: 01 Nov 2018 13:24

Instrument :
MSVOA_X
ClientSampleId :
VX1101WBS02

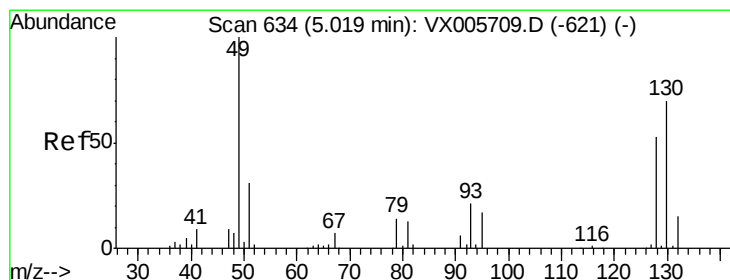
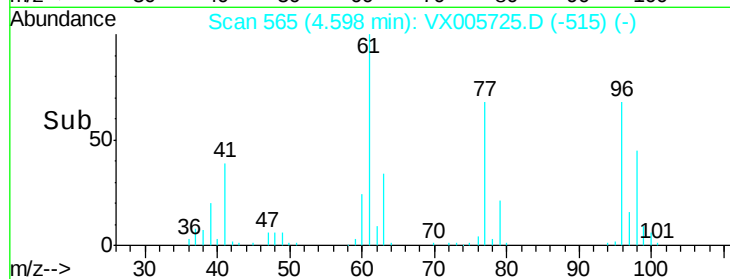
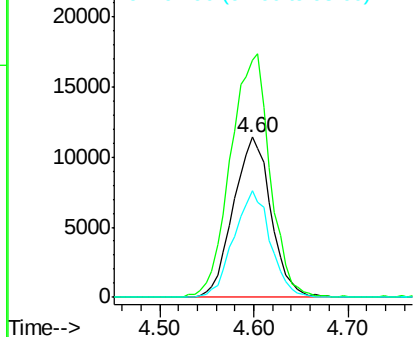
Tgt Ion: 96 Resp: 31902
Ion Ratio Lower Upper
96 100
61 159.1 0.0 304.6
98 64.4 0.0 127.4

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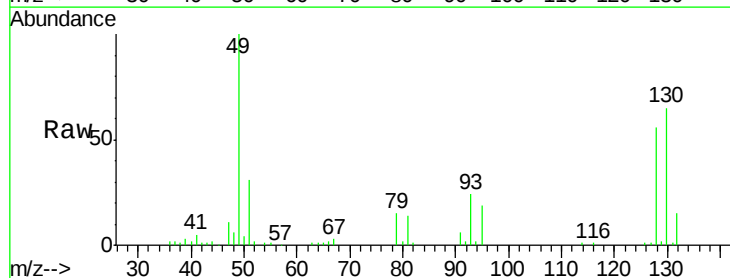
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



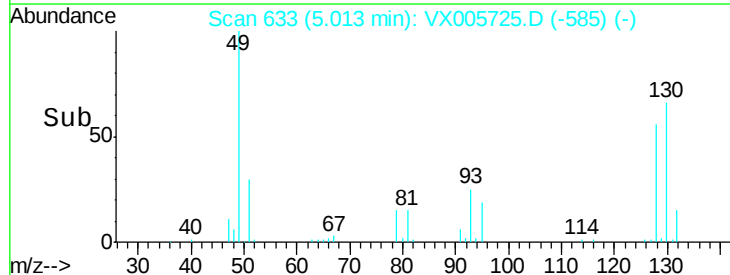
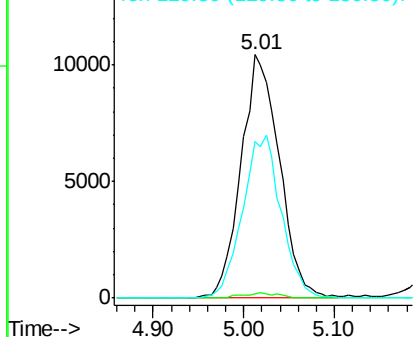
#28

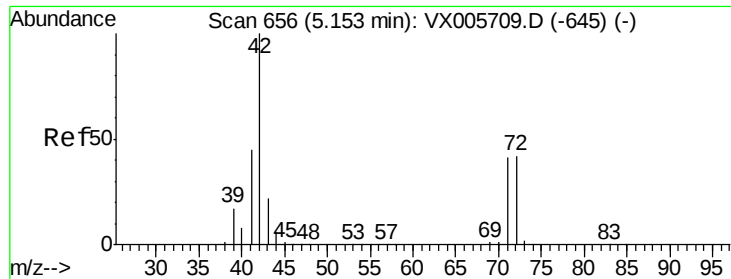
Bromochloromethane
Concen: 20.288 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX005725.D
Acq: 01 Nov 2018 13:24

Tgt Ion: 49 Resp: 30611
Ion Ratio Lower Upper
49 100
129 1.9 0.0 4.0
130 67.3 58.9 88.3



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





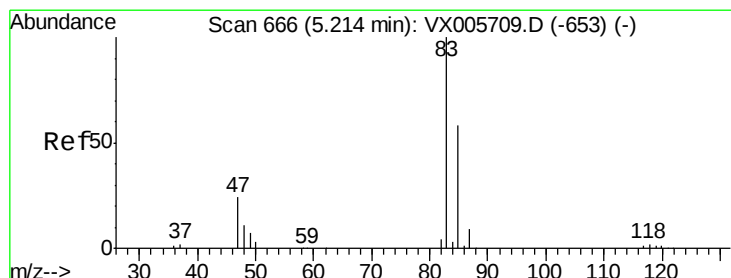
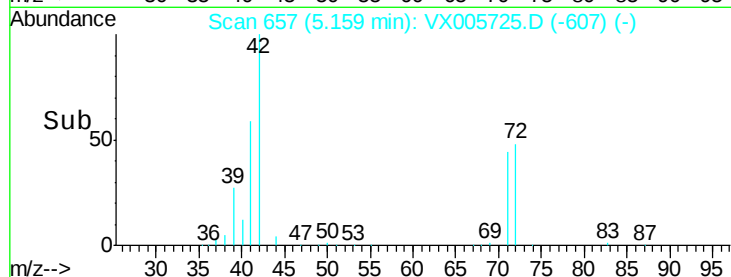
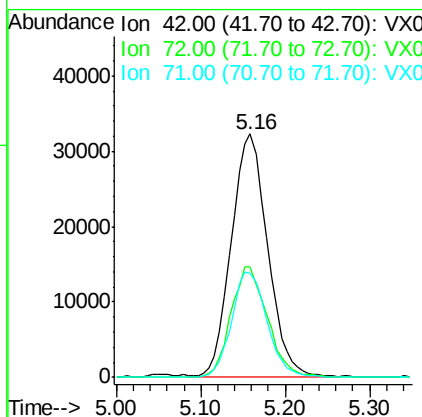
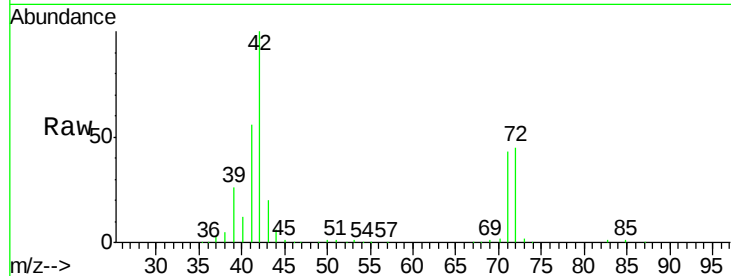
#29
Tetrahydrofuran
Concen: 94.538 ug/l
RT: 5.16 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX005725.D
Acq: 01 Nov 2018 13:24

Instrument :
MSVOA_X
ClientSampleId :
VX1101WBS02

Tgt Ion: 42 Resp: 94215
Ion Ratio Lower Upper
42 100
72 45.8 32.0 48.0
71 42.4 29.8 44.8

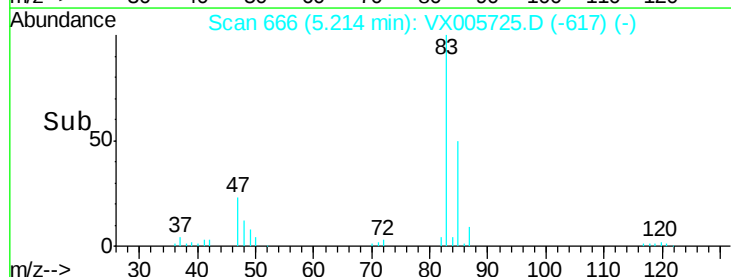
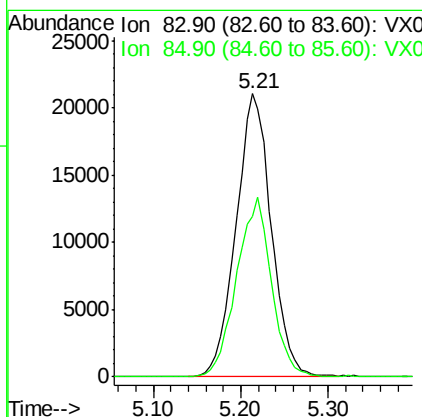
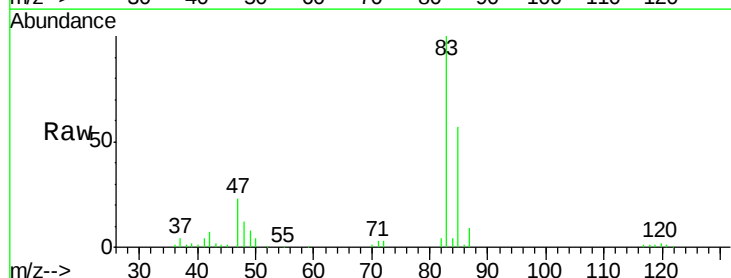
Manual Integrations
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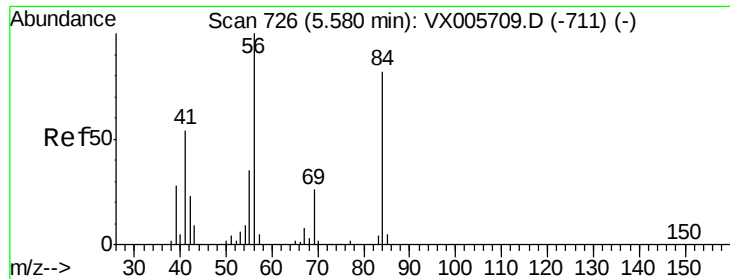
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11/2/2018 12:34:03 PM



#30
Chloroform
Concen: 19.486 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX005725.D
Acq: 01 Nov 2018 13:24

Tgt Ion: 83 Resp: 58921
Ion Ratio Lower Upper
83 100
85 56.8 50.6 76.0





#31

Cyclohexane

Concen: 18.720 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX005725.D

Acq: 01 Nov 2018 13:24

Instrument :

MSVOA_X

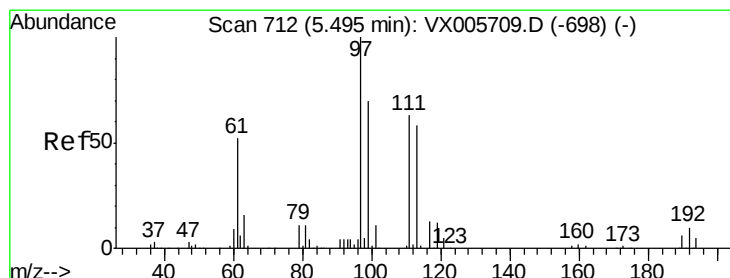
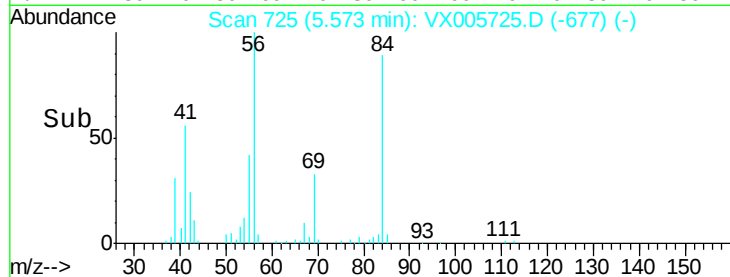
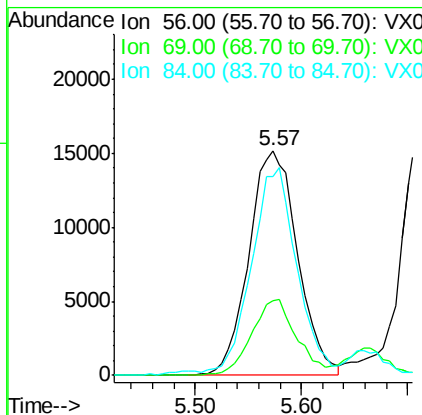
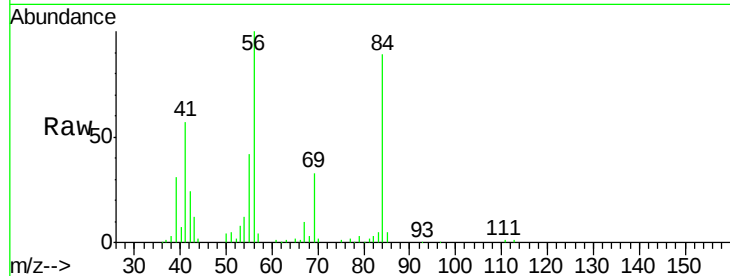
ClientSampleId :

VX1101WBS02

Tgt Ion:	56	Resp:	48415
Ion Ratio		Lower	Upper
56	100		
69	33.1	22.6	34.0
84	86.7	62.7	94.1

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 19.747 ug/l

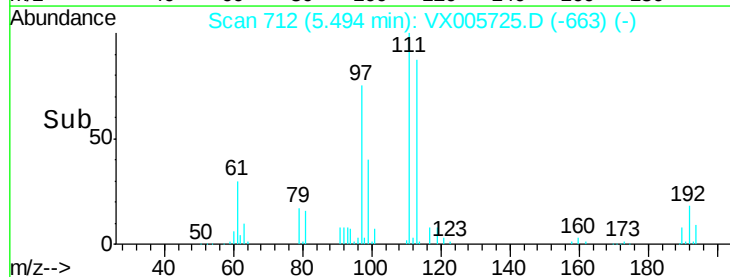
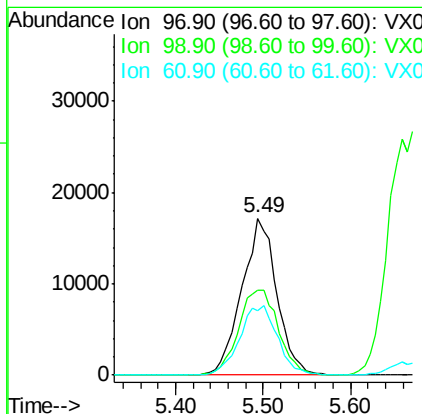
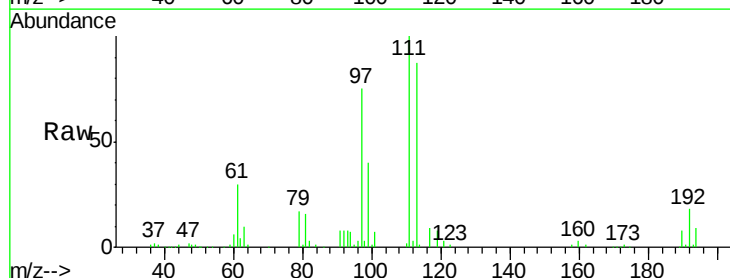
RT: 5.49 min Scan# 712

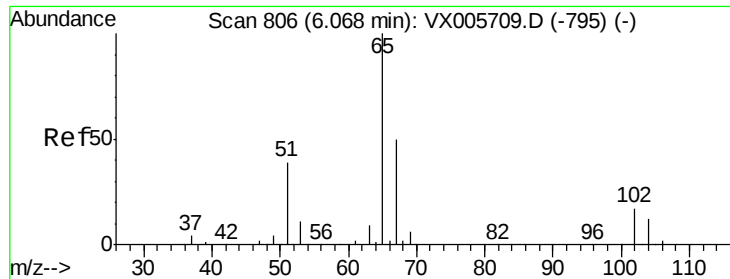
Delta R.T. -0.00 min

Lab File: VX005725.D

Acq: 01 Nov 2018 13:24

Tgt Ion:	97	Resp:	47787
Ion Ratio		Lower	Upper
97	100		
99	62.0	52.3	78.5
61	47.9	35.2	52.8





#33

1,2-Dichloroethane-d4

Concen: 45.643 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX005725.D

Acq: 01 Nov 2018 13:24

Instrument :

MSVOA_X

ClientSampleId :

VX1101WBS02

Tgt Ion: 65 Resp: 88346

Ion Ratio Lower Upper

65 100

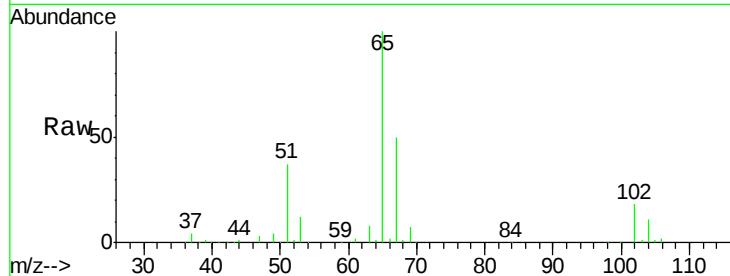
67 52.2 0.0 105.0

Manual Integrations

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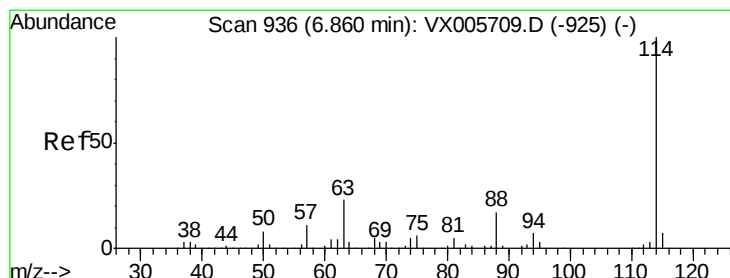
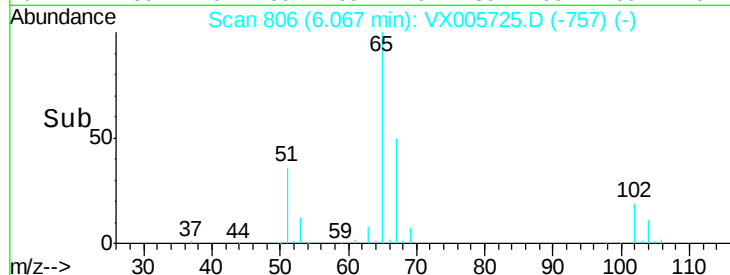
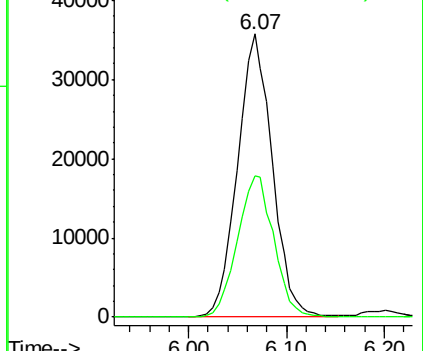
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 937

Delta R.T. 0.01 min

Lab File: VX005725.D

Acq: 01 Nov 2018 13:24

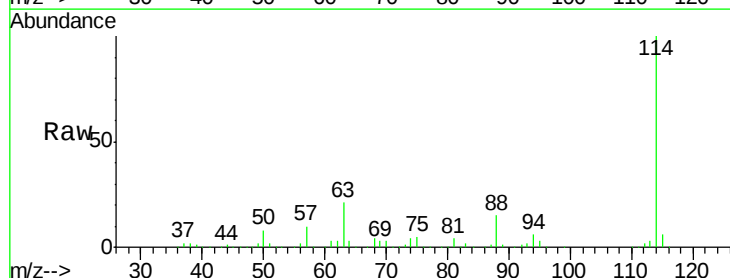
Tgt Ion: 114 Resp: 224862

Ion Ratio Lower Upper

114 100

63 20.6 0.0 42.8

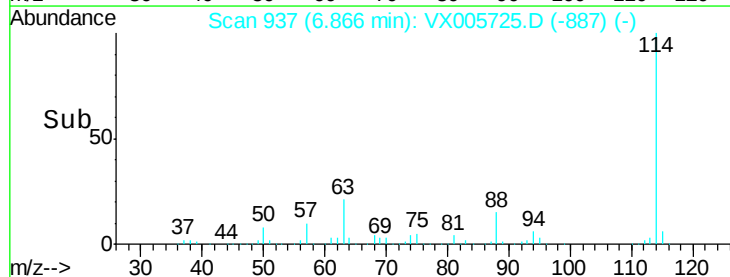
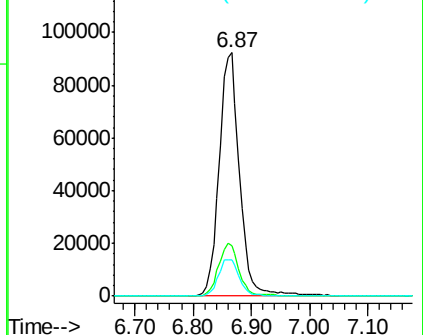
88 14.7 0.0 31.2

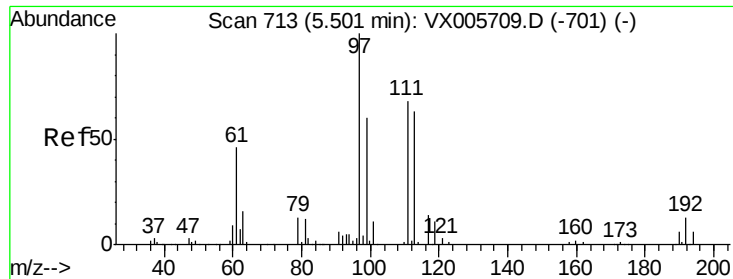


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





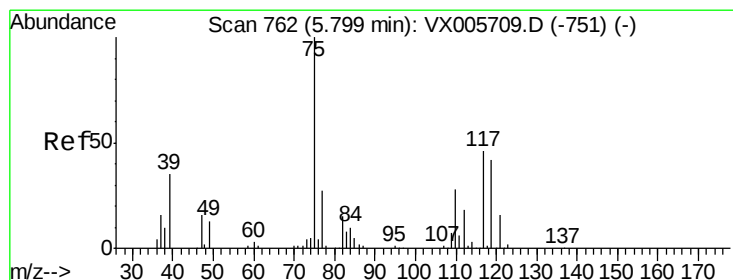
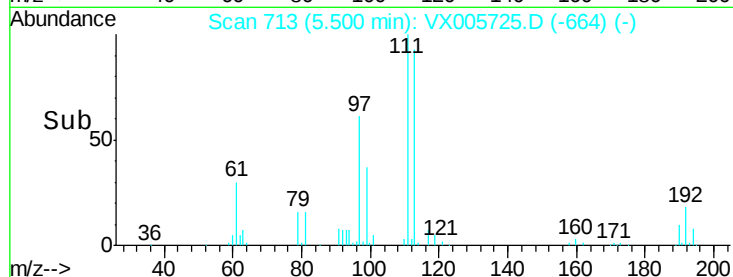
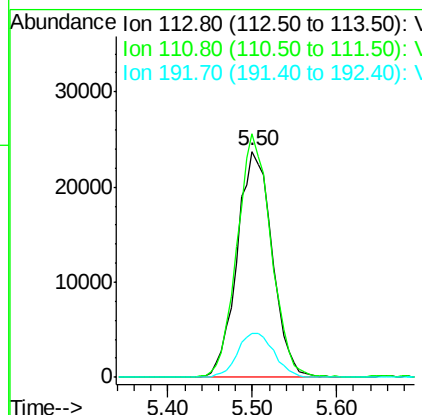
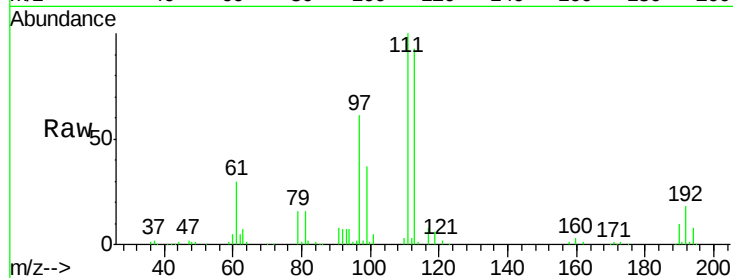
#35
Dibromofluoromethane
Concen: 42.972 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX005725.D
Acq: 01 Nov 2018 13:24

Instrument :
MSVOA_X
ClientSampleId :
VX1101WBS02

Tgt Ion: 113 Resp: 66906
Ion Ratio Lower Upper
113 100
111 104.5 82.3 123.5
192 20.3 17.9 26.9

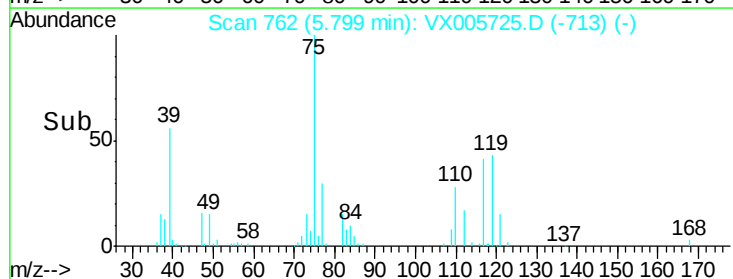
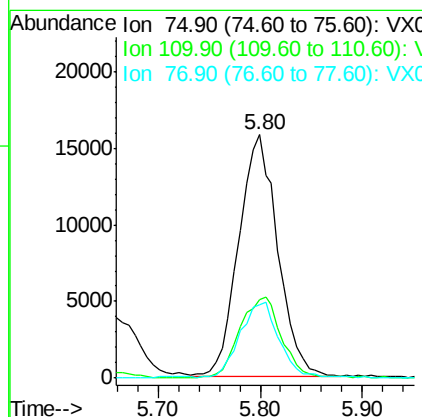
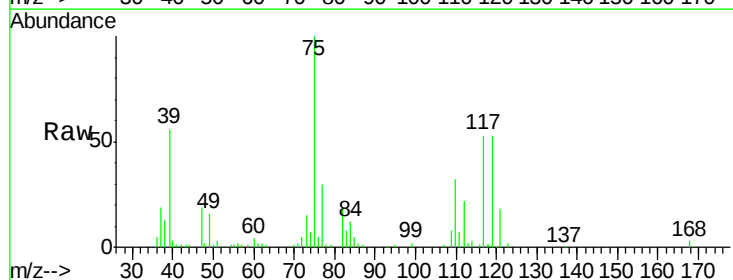
Manual Integrations
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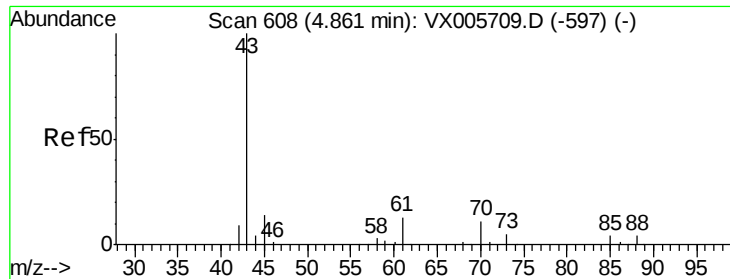
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#36
1,1-Dichloropropene
Concen: 17.415 ug/l
RT: 5.80 min Scan# 762
Delta R.T. -0.00 min
Lab File: VX005725.D
Acq: 01 Nov 2018 13:24

Tgt Ion: 75 Resp: 41721
Ion Ratio Lower Upper
75 100
110 35.9 17.4 52.2
77 32.1 25.8 38.6





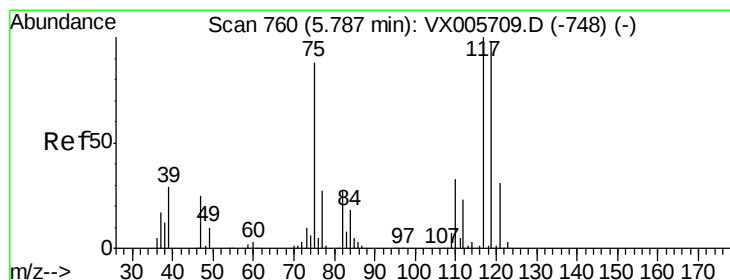
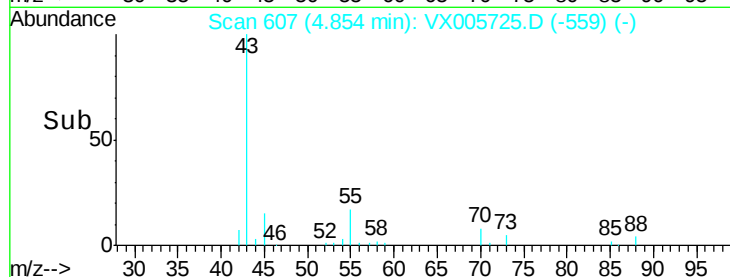
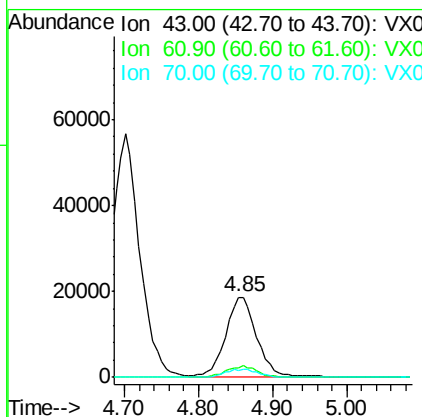
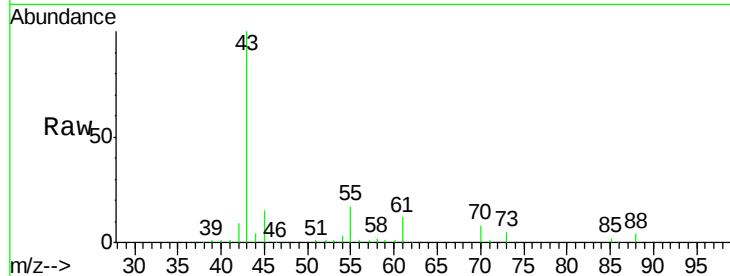
#37
Ethyl Acetate
Concen: 17.691 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX005725.D
Acq: 01 Nov 2018 13:24

Instrument :
MSVOA_X
ClientSampleId :
VX1101WBS02

Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.5	10.8	16.2
70	10.5	7.8	11.8

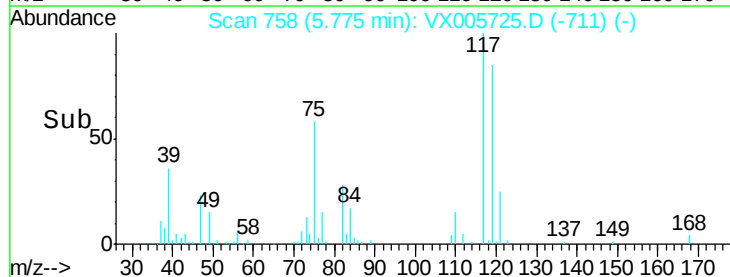
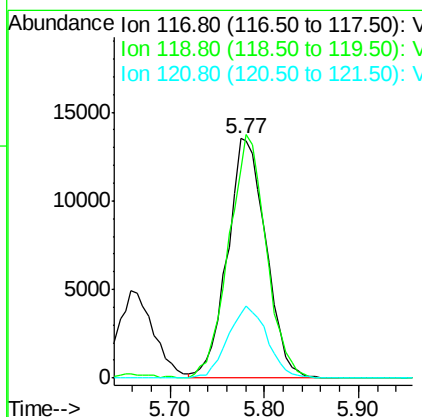
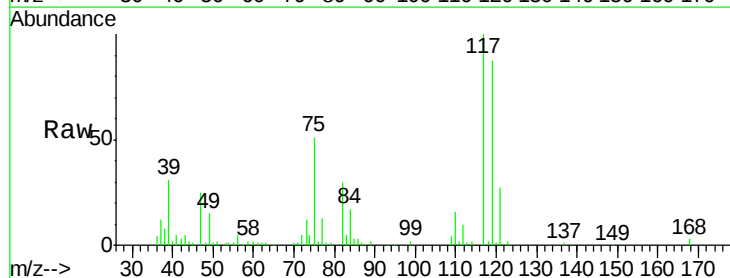
Manual Integrations
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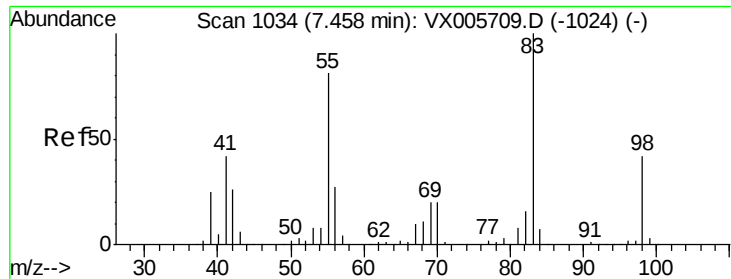
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#38
Carbon Tetrachloride
Concen: 17.808 ug/l
RT: 5.77 min Scan# 758
Delta R.T. -0.01 min
Lab File: VX005725.D
Acq: 01 Nov 2018 13:24

Tgt Ion	Ratio	Lower	Upper
117	100		
119	87.5	78.1	117.1
121	26.8	24.6	36.8





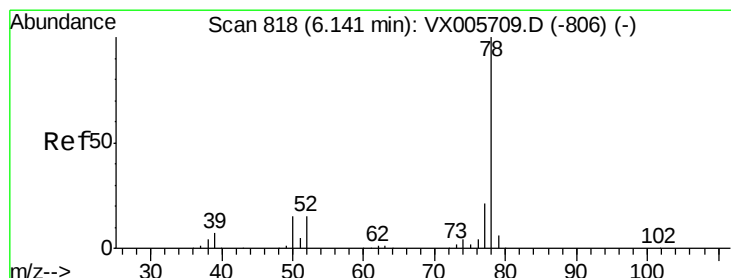
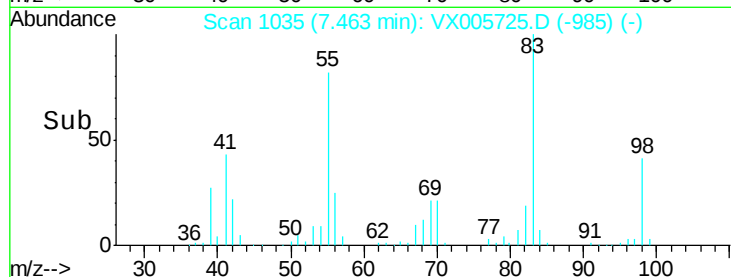
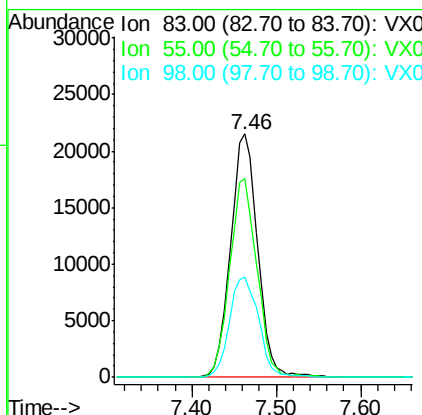
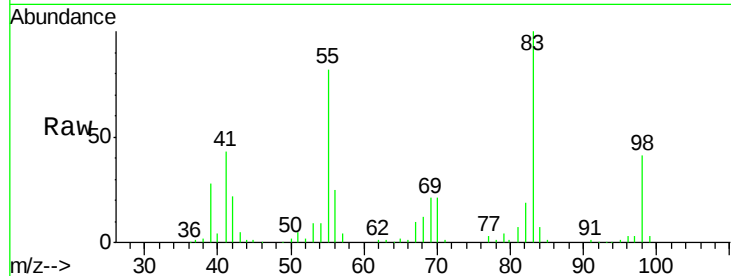
#39
Methylcyclohexane
Concen: 18.716 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX005725.D
Acq: 01 Nov 2018 13:24

Instrument :
MSVOA_X
ClientSampleId :
VX1101WBS02

Tgt Ion	Ratio	Lower	Upper
83	100		
55	81.9	63.7	95.5
98	41.4	36.2	54.2

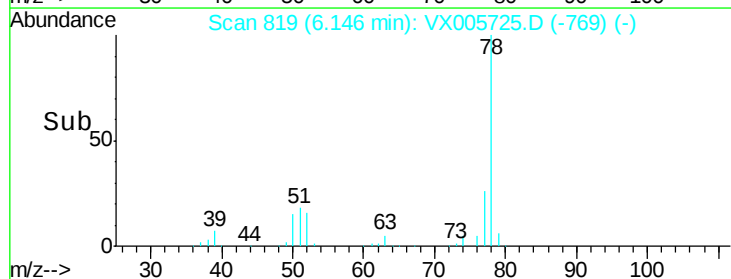
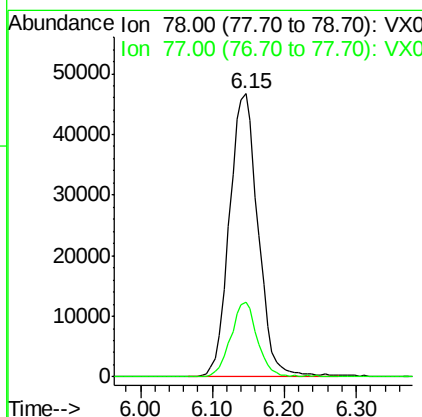
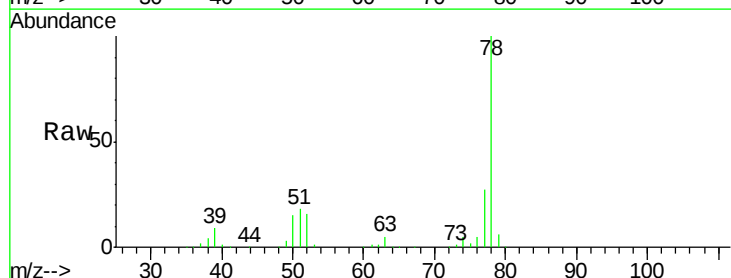
Manual Integrations
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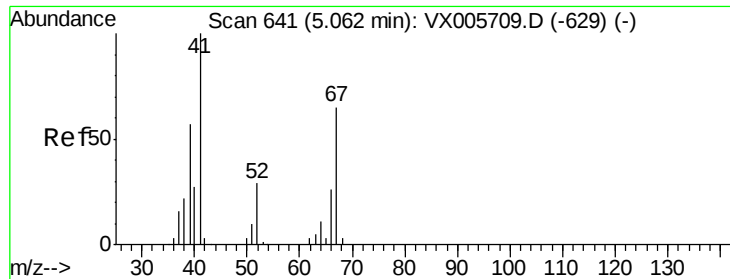
MMDadoda
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#40
Benzene
Concen: 18.156 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX005725.D
Acq: 01 Nov 2018 13:24

Tgt Ion	Ratio	Lower	Upper
78	100		
77	26.6	18.4	27.6





#41

Methacrylonitrile

Concen: 17.880 ug/l

RT: 5.06 min Scan# 641

Delta R.T. -0.00 min

Lab File: VX005725.D

Acq: 01 Nov 2018 13:24

Instrument :

MSVOA_X

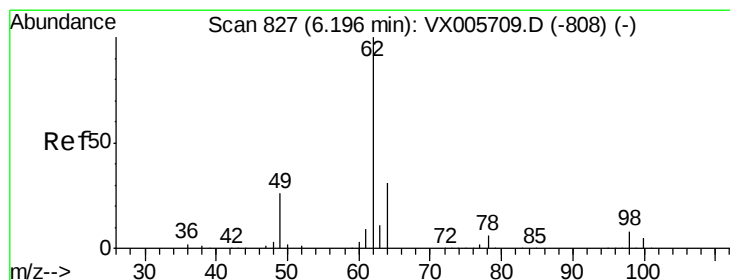
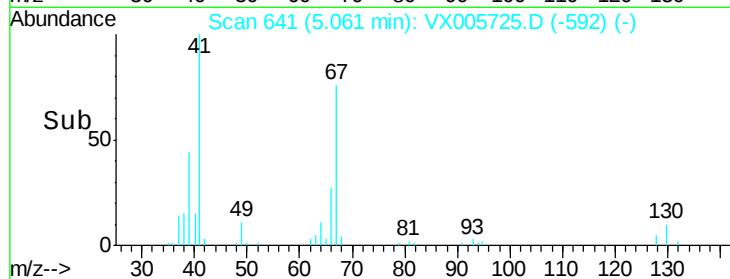
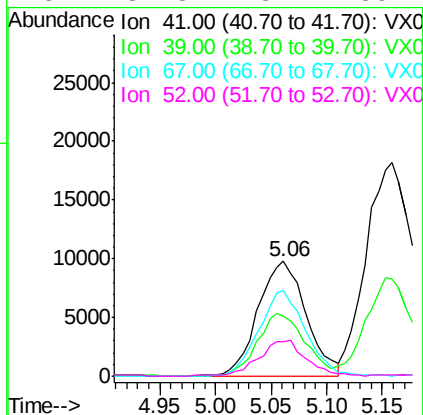
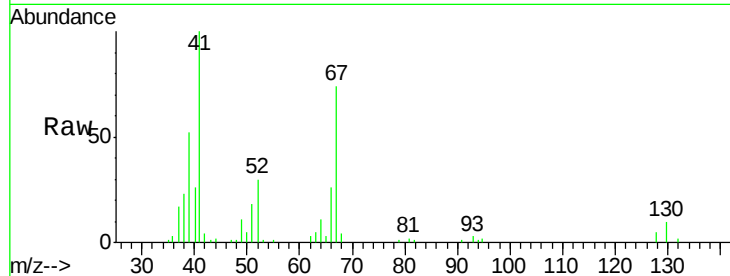
ClientSampleId :

VX1101WBS02

Tgt Ion:	41	Resp:	29529
Ion Ratio	Lower	Upper	
41	100		
39	53.9	42.2	63.2
67	72.7	53.4	80.0
52	31.3	23.4	35.2

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 17.883 ug/l

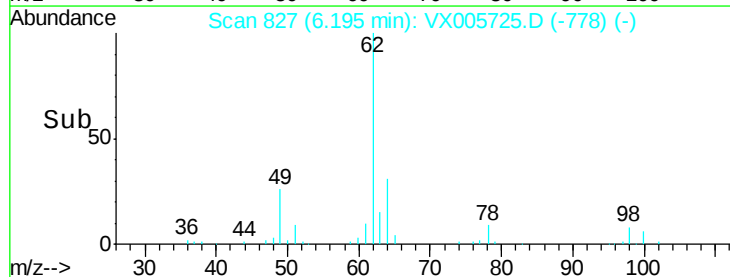
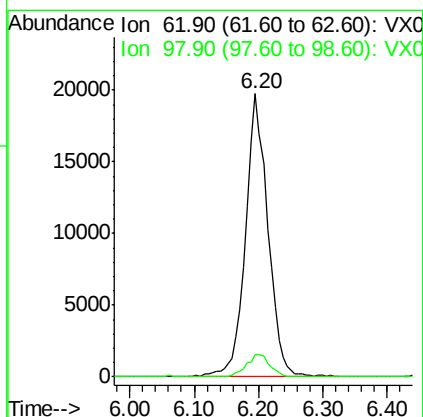
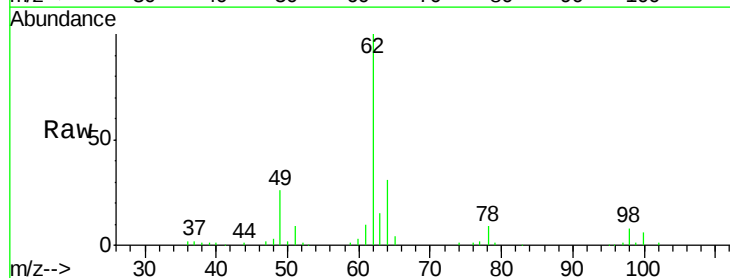
RT: 6.20 min Scan# 827

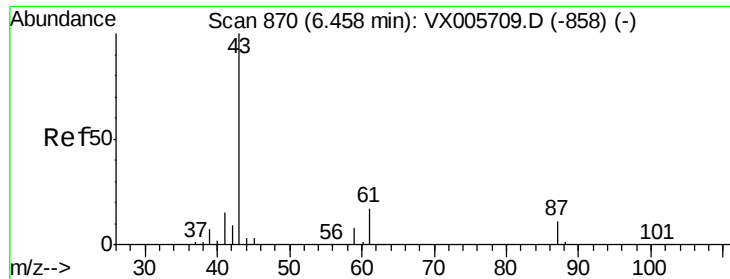
Delta R.T. -0.00 min

Lab File: VX005725.D

Acq: 01 Nov 2018 13:24

Tgt Ion:	62	Resp:	47113
Ion Ratio	Lower	Upper	
62	100		
98	8.3	0.0	17.8





#43

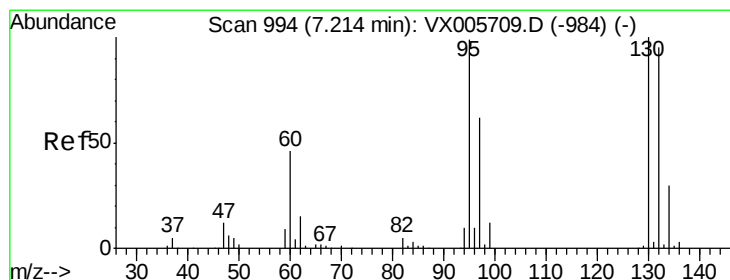
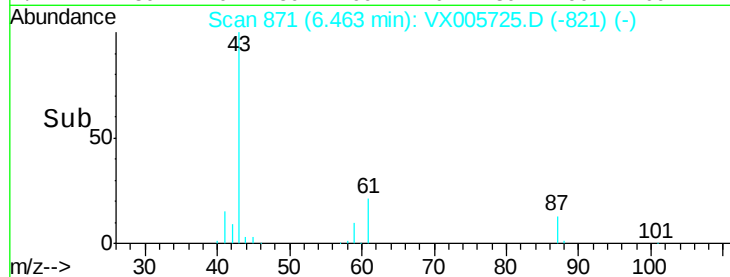
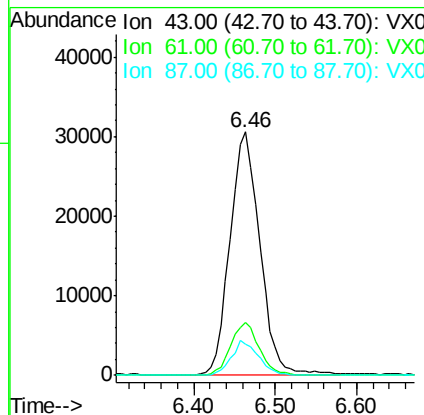
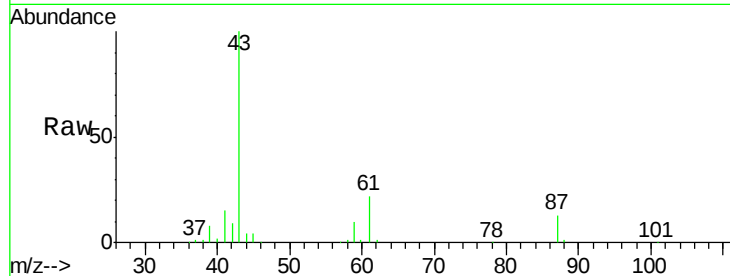
Isopropyl Acetate
 Concen: 17.410 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. 0.01 min
 Lab File: VX005725.D
 Acq: 01 Nov 2018 13:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1101WBS02

Tgt Ion	Ratio	Lower	Upper
43	100		
61	20.9	14.6	22.0
87	13.2	9.6	14.4

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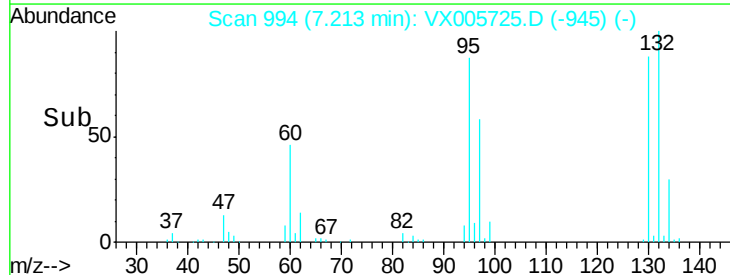
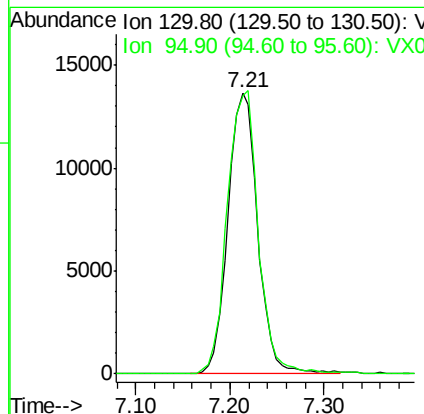
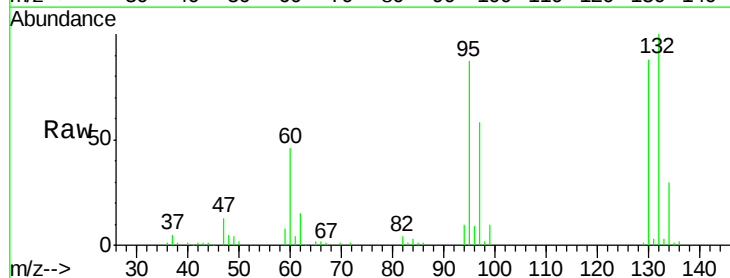
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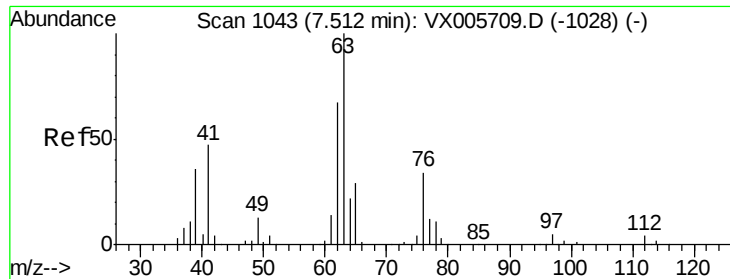


#44

Trichloroethene
 Concen: 18.204 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX005725.D
 Acq: 01 Nov 2018 13:24

Tgt Ion	Ratio	Lower	Upper
130	100		
95	98.9	0.0	194.2





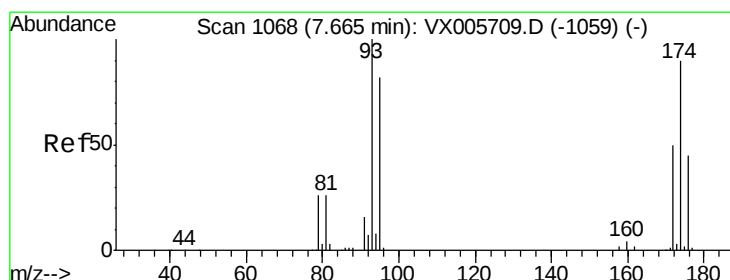
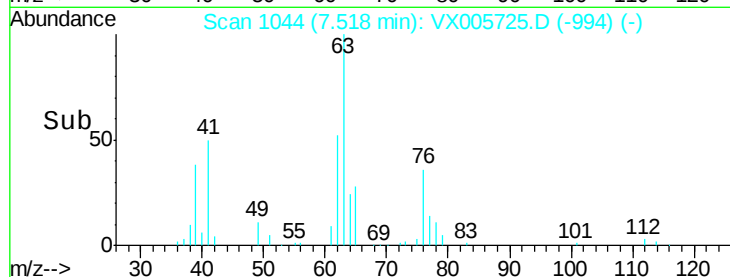
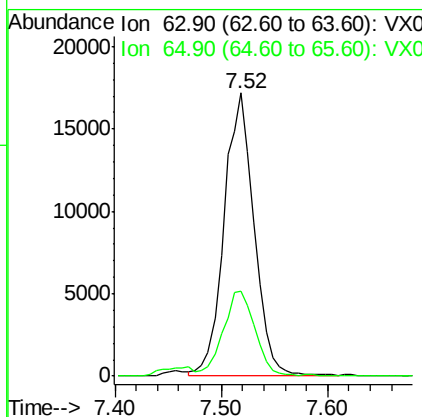
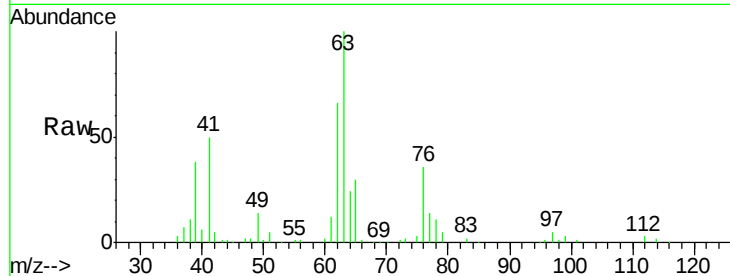
#45
 1,2-Dichloropropane
 Concen: 18.607 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.01 min
 Lab File: VX005725.D
 Acq: 01 Nov 2018 13:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1101WBS02

Tgt Ion: 63 Resp: 33986
 Ion Ratio Lower Upper
 63 100
 65 30.0 24.8 37.2

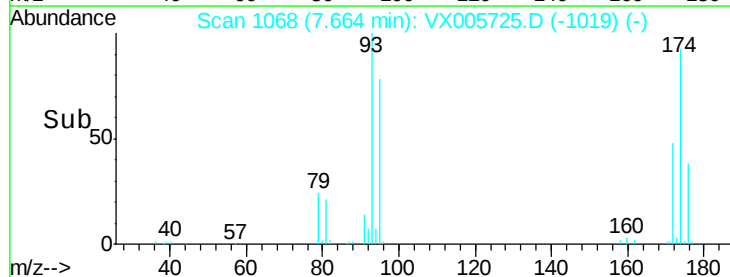
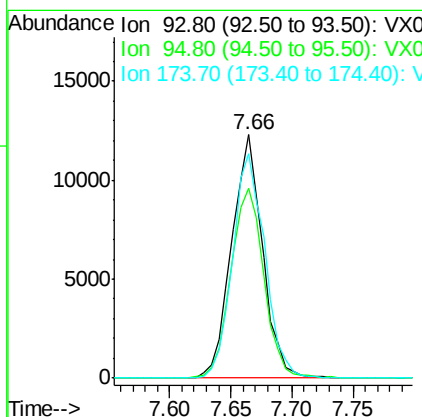
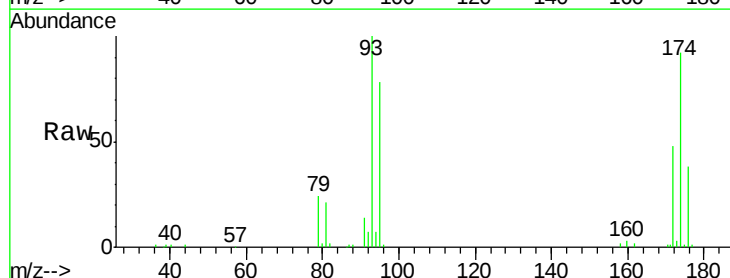
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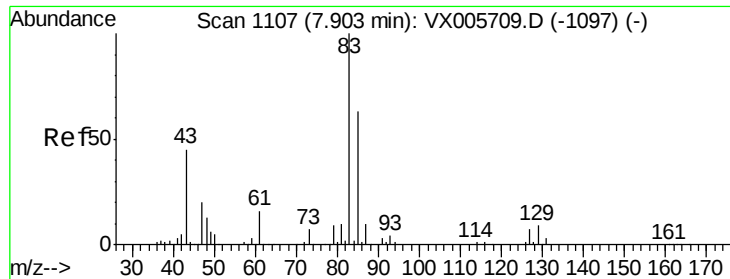
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#46
 Dibromomethane
 Concen: 18.321 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. -0.00 min
 Lab File: VX005725.D
 Acq: 01 Nov 2018 13:24

Tgt Ion: 93 Resp: 21386
 Ion Ratio Lower Upper
 93 100
 95 83.5 67.4 101.0
 174 96.3 91.5 137.3





#47

Bromodichloromethane

Concen: 17.619 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.01 min

Lab File: VX005725.D

Acq: 01 Nov 2018 13:24

Instrument :

MSVOA_X

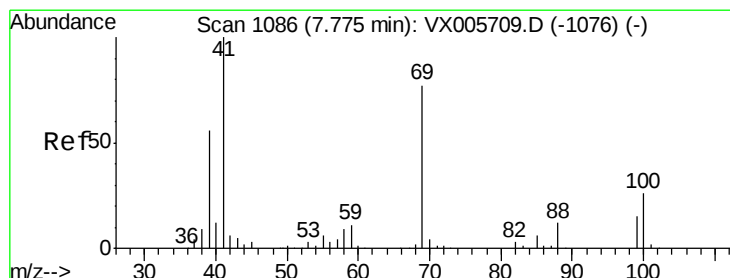
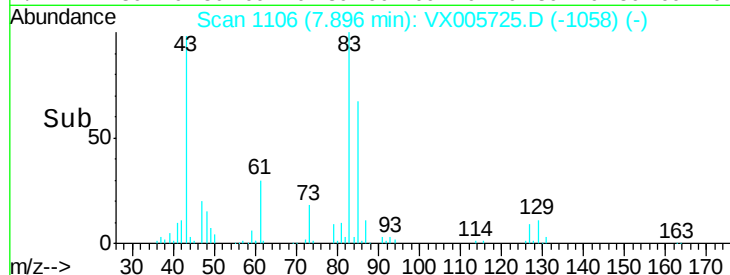
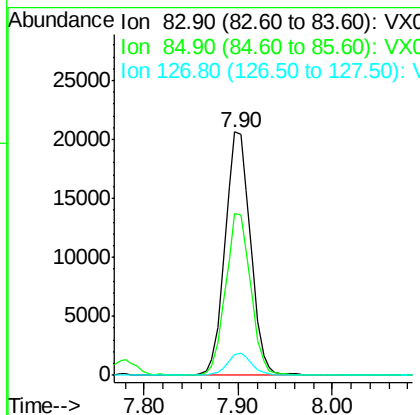
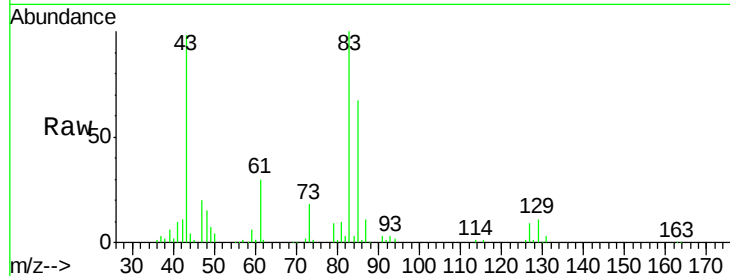
ClientSampleId :

VX1101WBS02

Tgt Ion:	83	Resp:	38577
Ion Ratio	Lower	Upper	
83	100		
85	66.6	50.2	75.4
127	8.7	6.9	10.3

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#48

Methyl methacrylate

Concen: 17.909 ug/l

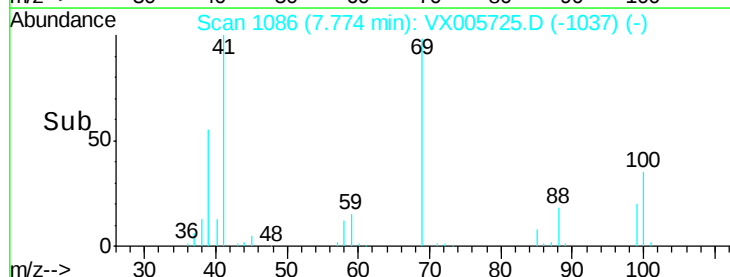
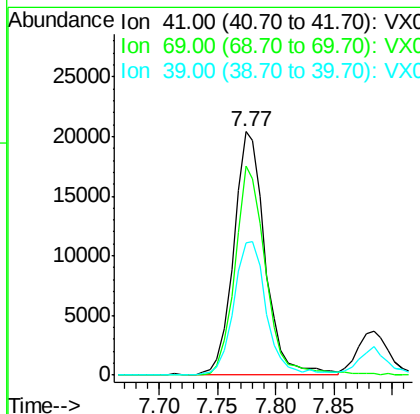
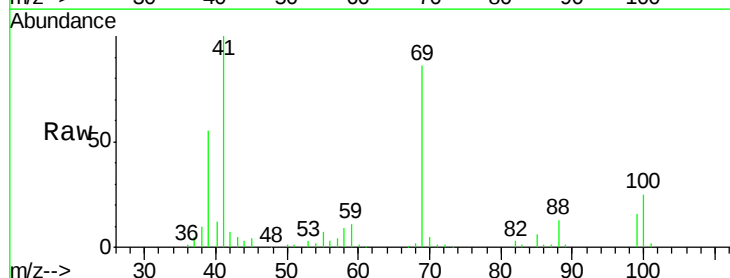
RT: 7.77 min Scan# 1086

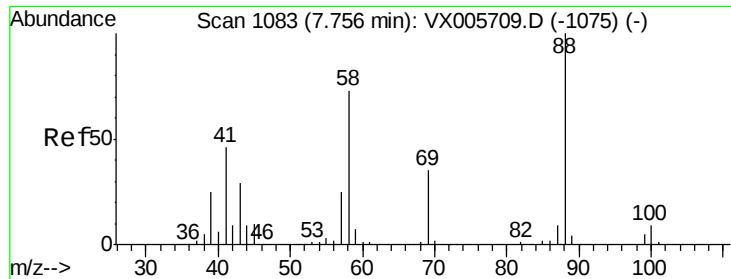
Delta R.T. -0.00 min

Lab File: VX005725.D

Acq: 01 Nov 2018 13:24

Tgt Ion:	41	Resp:	38453
Ion Ratio	Lower	Upper	
41	100		
69	83.9	63.2	94.8
39	57.3	42.2	63.2





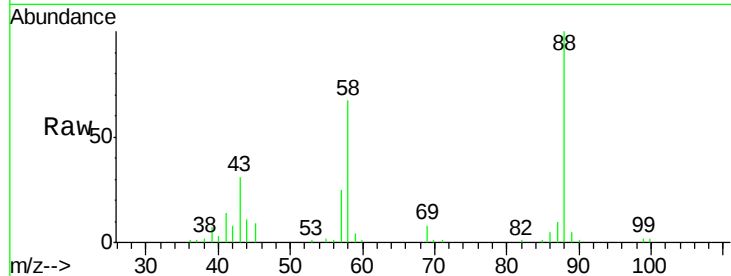
#49
1,4-Dioxane
Concen: 382.194 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.01 min
Lab File: VX005725.D
Acq: 01 Nov 2018 13:24

Instrument :
MSVOA_X
ClientSampled :
VX1101WBS02

Tgt Ion	Ratio	Lower	Upper
88	100		
43	34.9	27.4	41.0
58	74.4	59.4	89.2

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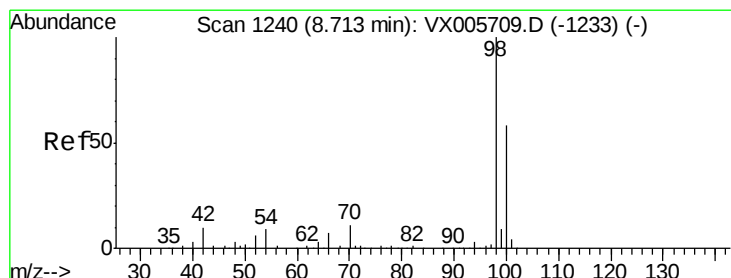
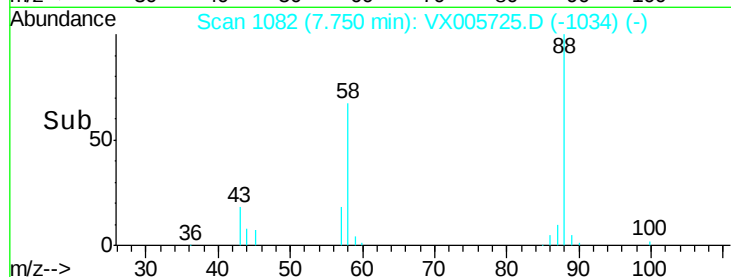
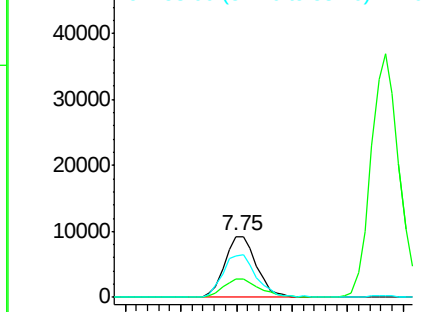


Abundance

Ion 88.00 (87.70 to 88.70): VX0

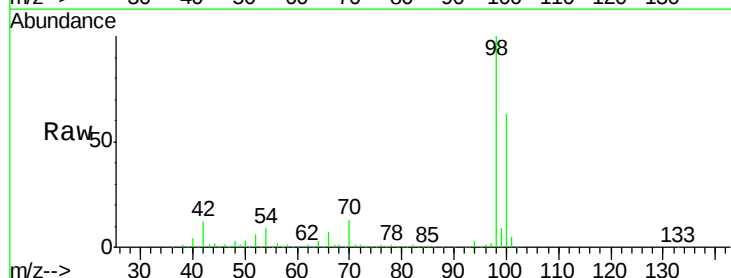
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50
Toluene-d8
Concen: 44.369 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005725.D
Acq: 01 Nov 2018 13:24

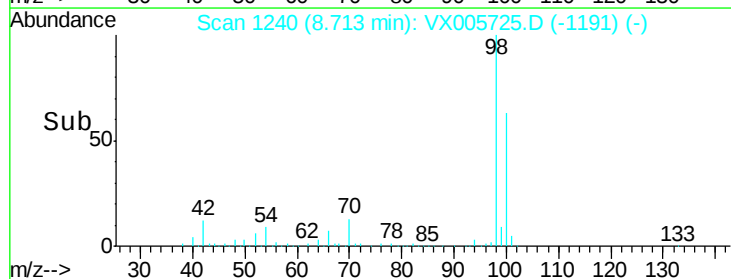
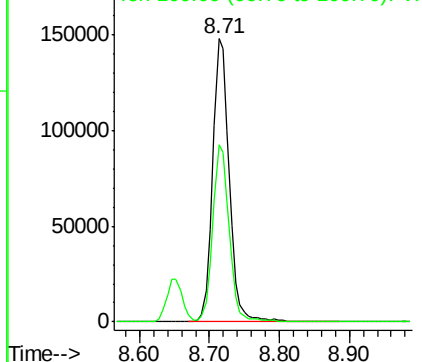
Tgt Ion	Ratio	Lower	Upper
98	100		
100	62.8	51.3	76.9

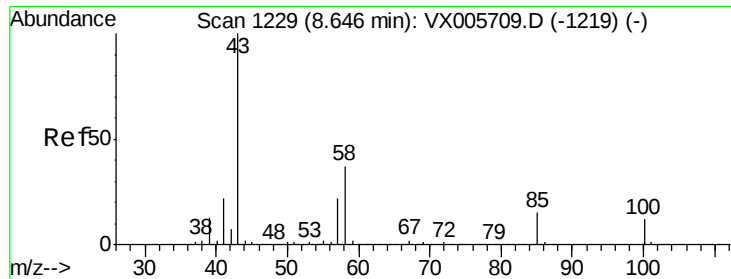


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 89.669 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX005725.D

Acq: 01 Nov 2018 13:24

Instrument :

MSVOA_X

ClientSampleId :

VX1101WBS02

Tgt Ion: 43 Resp: 271237

Ion Ratio Lower Upper

43 100

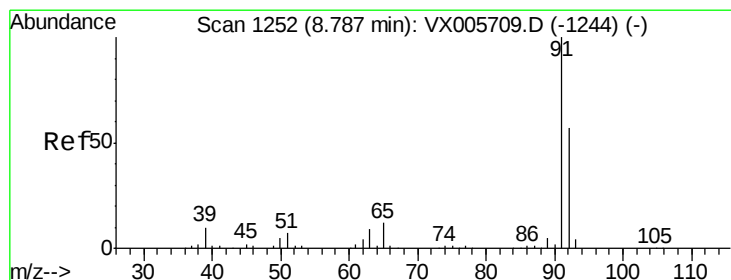
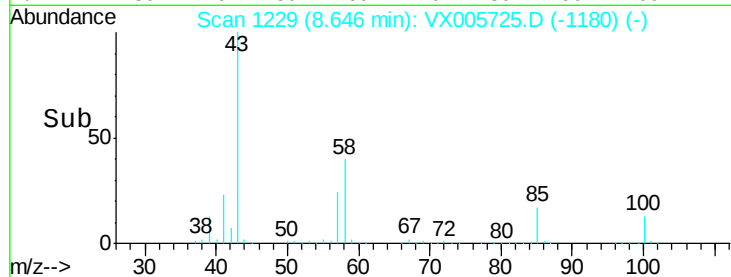
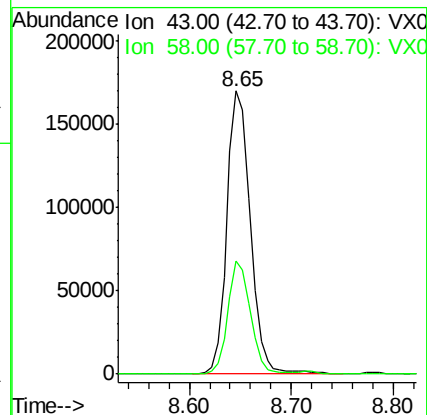
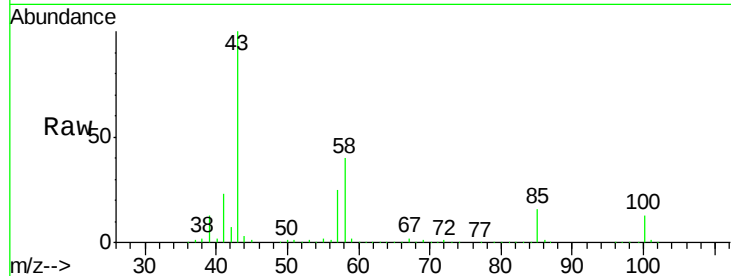
58 38.3 29.7 44.5

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#52

Toluene

Concen: 18.523 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX005725.D

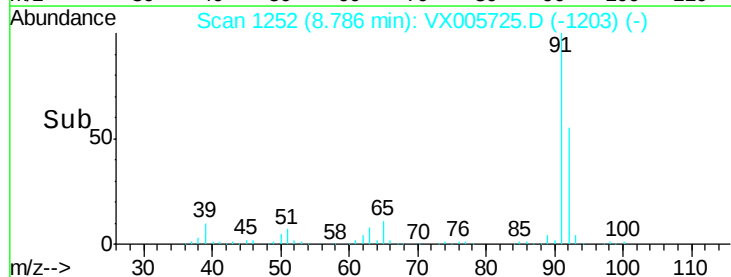
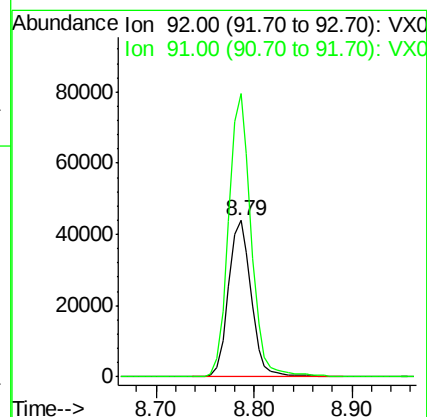
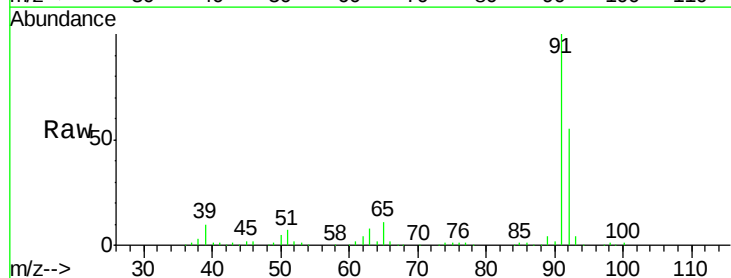
Acq: 01 Nov 2018 13:24

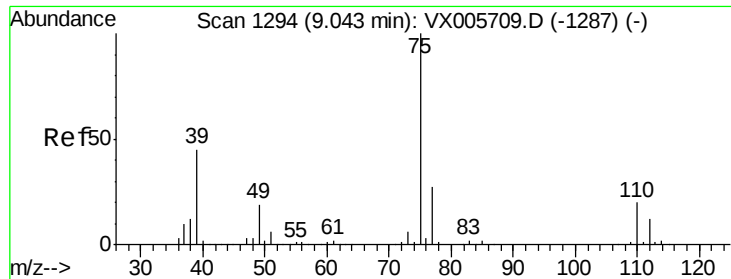
Tgt Ion: 92 Resp: 71407

Ion Ratio Lower Upper

92 100

91 178.6 140.4 210.6





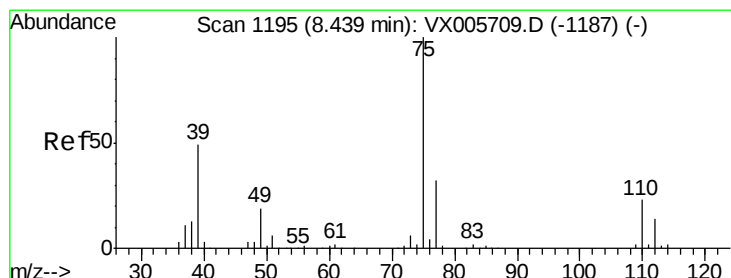
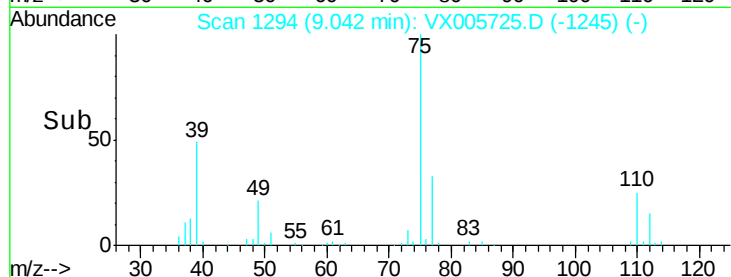
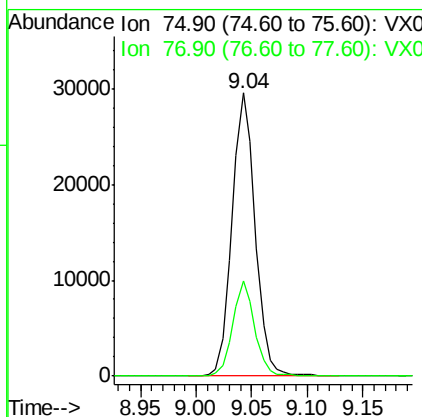
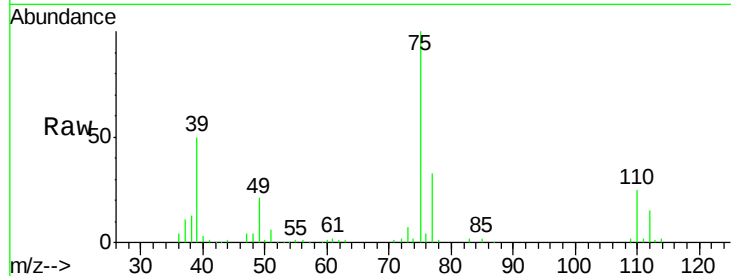
#53
t-1,3-Dichloropropene
Concen: 17.953 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX005725.D
Acq: 01 Nov 2018 13:24

Instrument :
MSVOA_X
ClientSampleId :
VX1101WBS02

Tgt Ion: 75 Resp: 42599
Ion Ratio Lower Upper
75 100
77 33.4 25.4 38.2

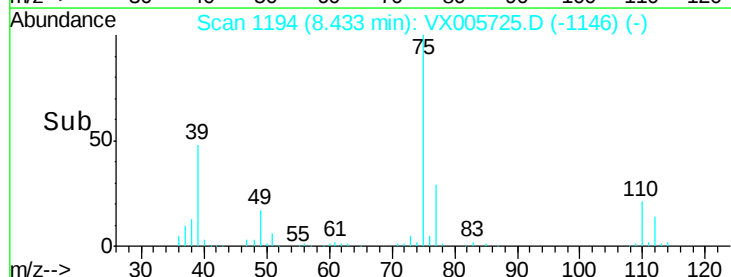
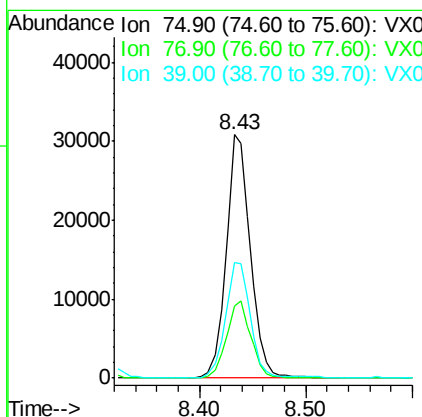
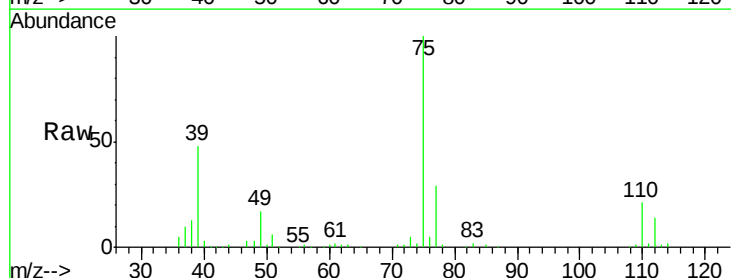
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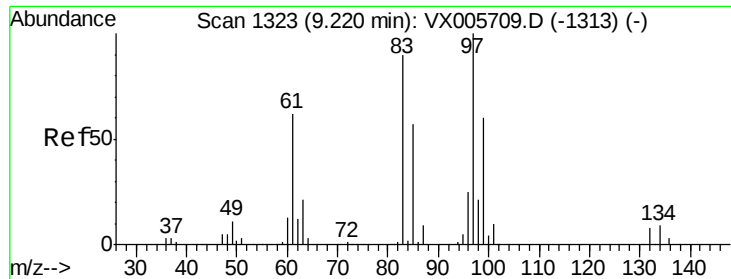
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#54
cis-1,3-Dichloropropene
Concen: 19.184 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.01 min
Lab File: VX005725.D
Acq: 01 Nov 2018 13:24

Tgt Ion: 75 Resp: 48769
Ion Ratio Lower Upper
75 100
77 29.4 25.2 37.8
39 47.3 38.2 57.2





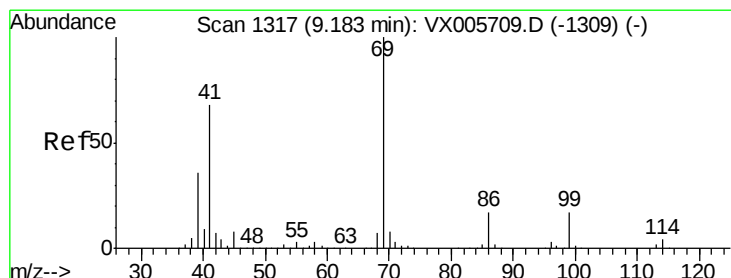
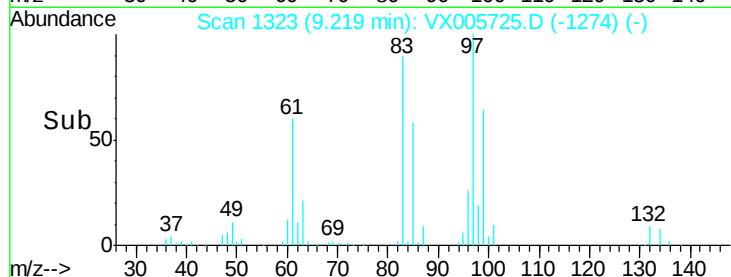
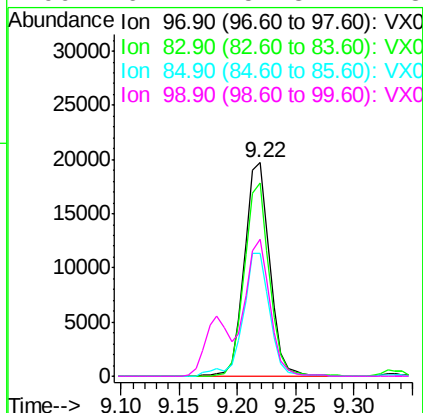
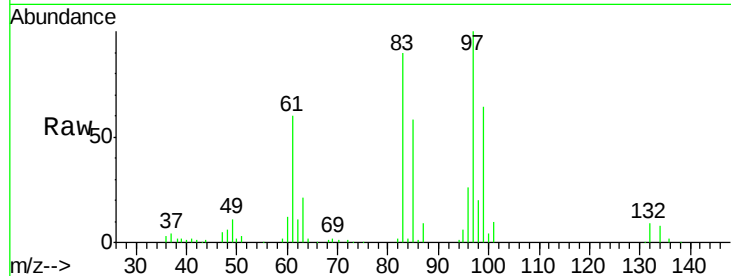
#55
 1,1,2-Trichloroethane
 Concen: 17.929 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: VX005725.D
 Acq: 01 Nov 2018 13:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1101WBS02

Tgt Ion	Ratio	Lower	Upper
97	100		
83	90.4	70.7	106.1
85	57.5	45.8	68.6
99	64.2	51.8	77.8

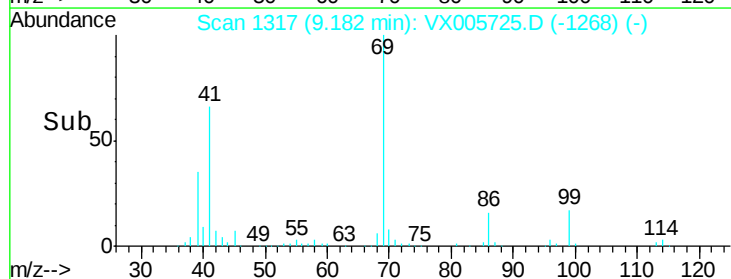
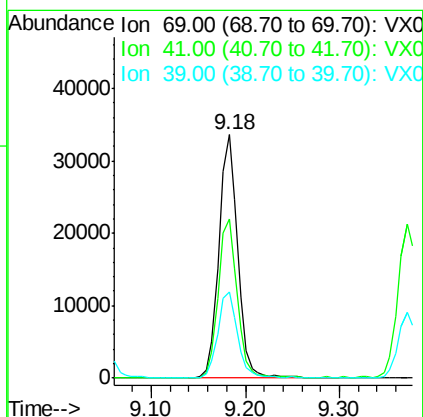
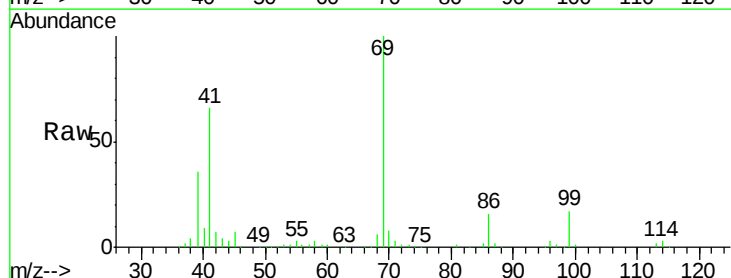
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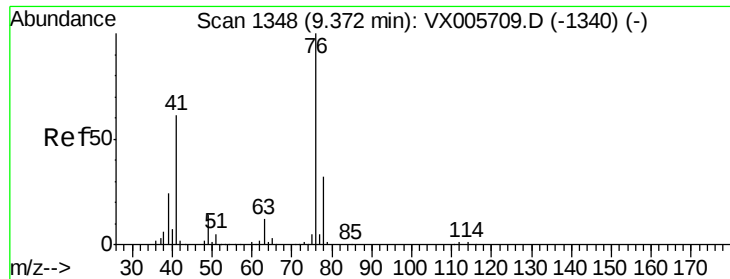
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#56
 Ethyl methacrylate
 Concen: 18.101 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX005725.D
 Acq: 01 Nov 2018 13:24

Tgt Ion	Ratio	Lower	Upper
69	100		
41	67.0	57.0	85.6
39	36.2	28.3	42.5





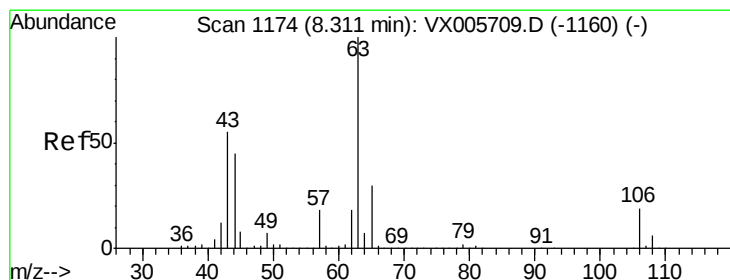
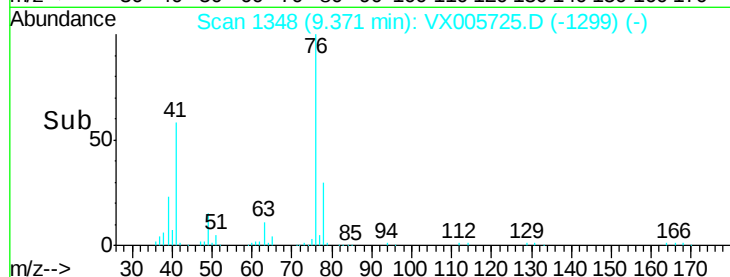
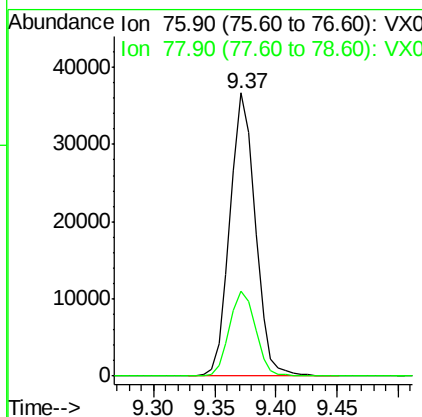
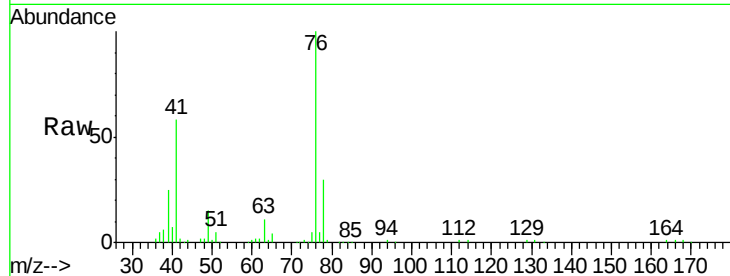
#57
 1,3-Dichloropropane
 Concen: 18.341 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX005725.D
 Acq: 01 Nov 2018 13:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1101WBS02

Tgt Ion: 76 Resp: 52747
 Ion Ratio Lower Upper
 76 100
 78 31.2 25.3 37.9

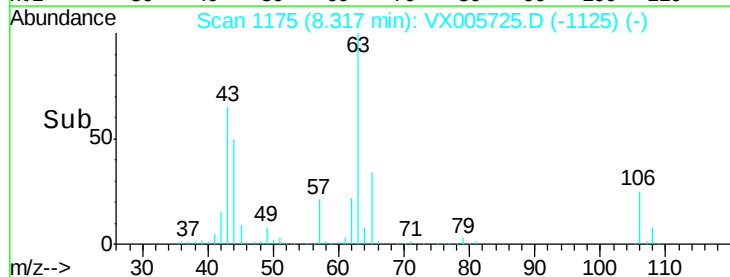
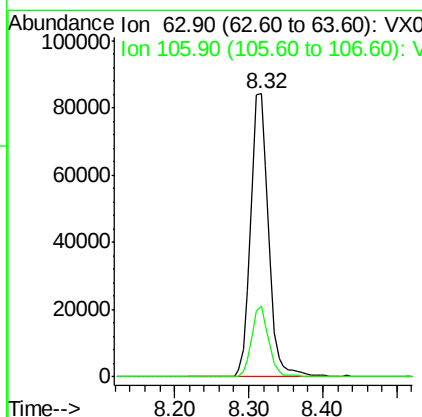
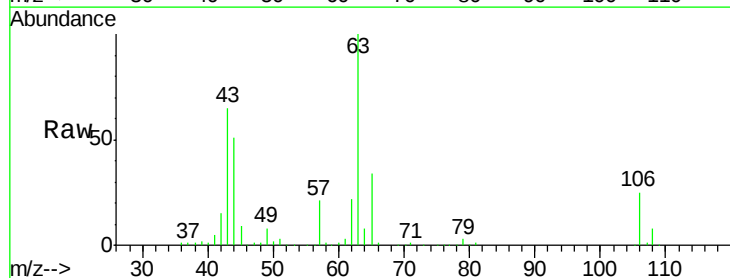
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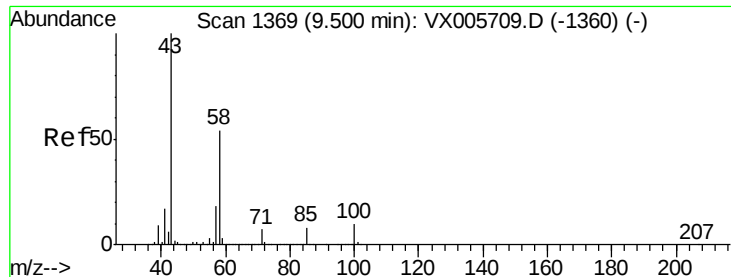
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#58
 2-Chloroethyl Vinyl ether
 Concen: 95.413 ug/l
 RT: 8.32 min Scan# 1175
 Delta R.T. 0.01 min
 Lab File: VX005725.D
 Acq: 01 Nov 2018 13:24

Tgt Ion: 63 Resp: 143245
 Ion Ratio Lower Upper
 63 100
 106 23.8 21.3 31.9





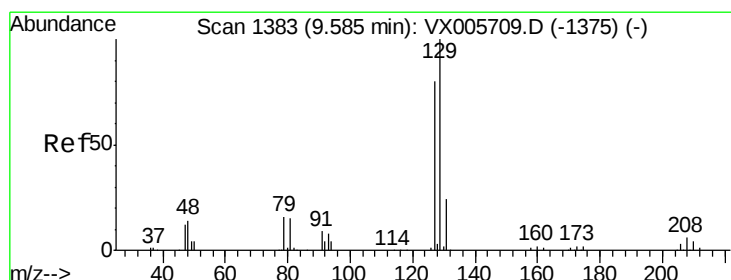
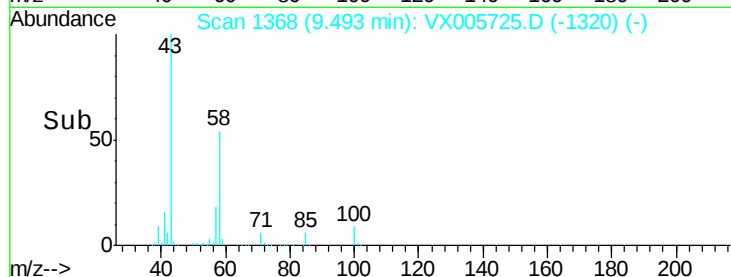
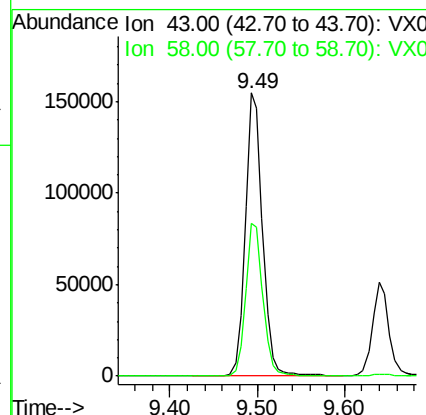
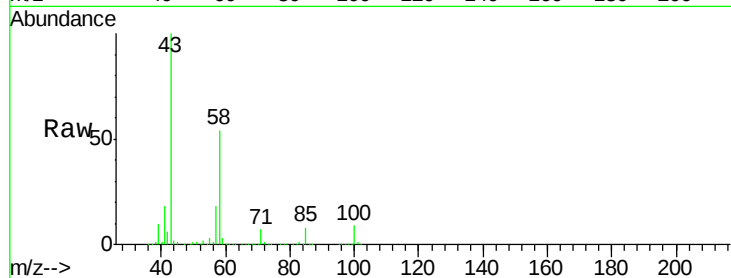
#59
2-Hexanone
Concen: 86.416 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VX005725.D
Acq: 01 Nov 2018 13:24

Instrument :
MSVOA_X
ClientSampleId :
VX1101WBS02

Tgt Ion: 43 Resp: 212725
Ion Ratio Lower Upper
43 100
58 54.4 25.9 77.8

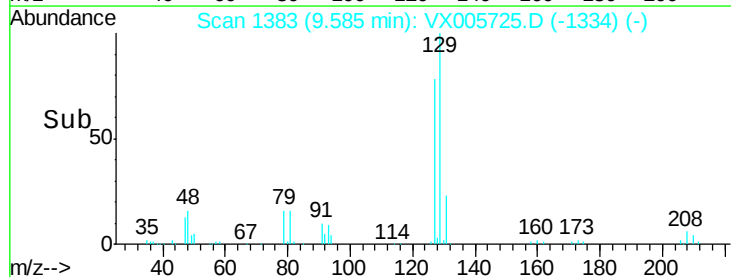
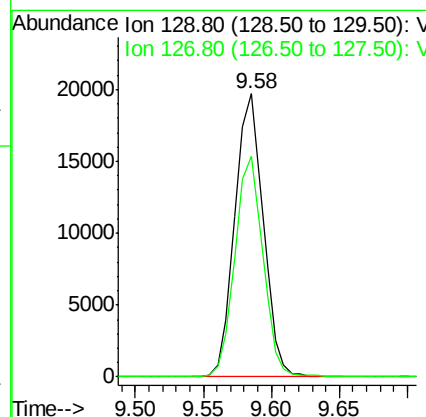
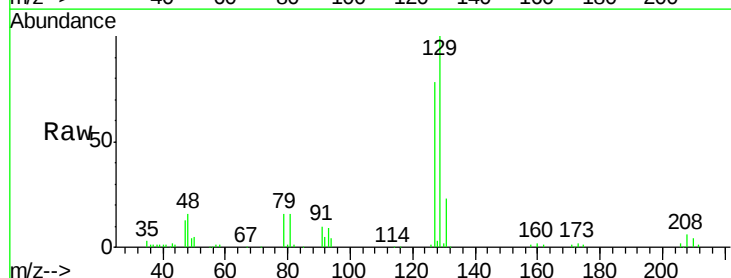
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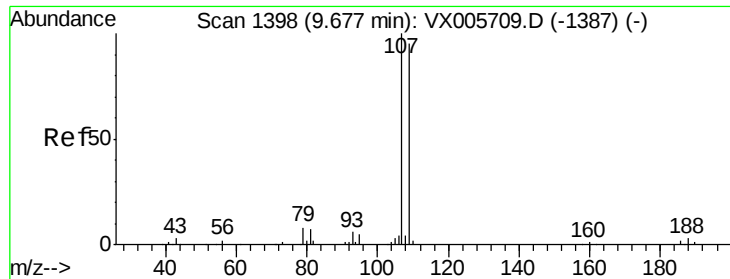
MMDadoda
11/2/2018 12:34:03 PM



#60
Dibromochloromethane
Concen: 17.815 ug/l
RT: 9.58 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005725.D
Acq: 01 Nov 2018 13:24

Tgt Ion: 129 Resp: 28821
Ion Ratio Lower Upper
129 100
127 76.8 38.9 116.7





#61

1,2-Dibromoethane

Concen: 18.138 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.01 min

Lab File: VX005725.D

Acq: 01 Nov 2018 13:24

Instrument :

MSVOA_X

ClientSampleId :

VX1101WBS02

Tgt Ion: 107 Resp: 30943

Ion Ratio Lower Upper

107 100

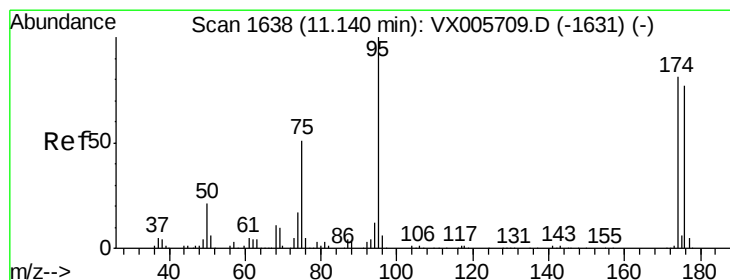
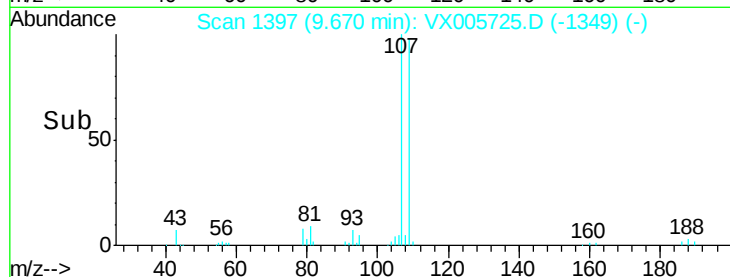
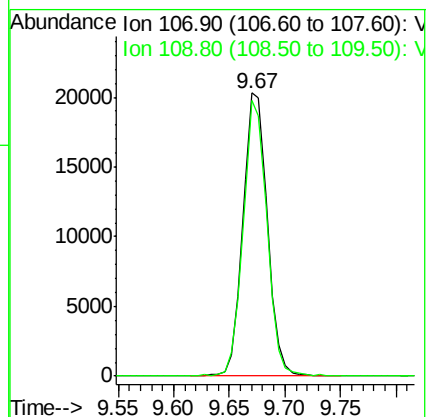
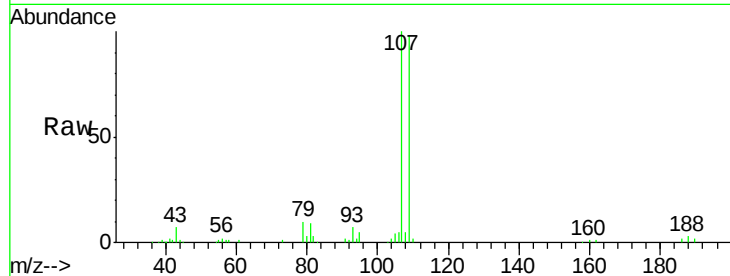
109 95.1 75.7 113.5

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 42.945 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005725.D

Acq: 01 Nov 2018 13:24

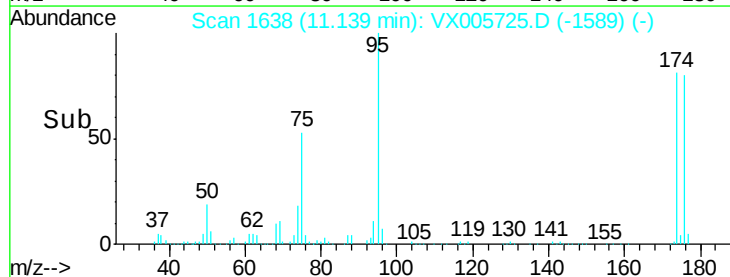
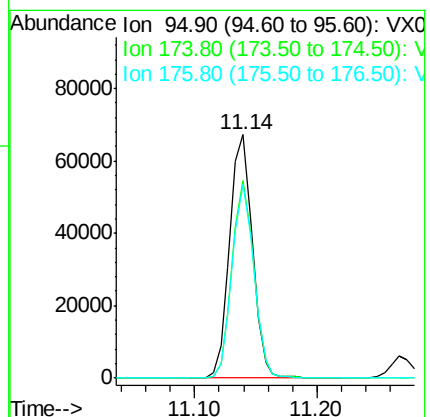
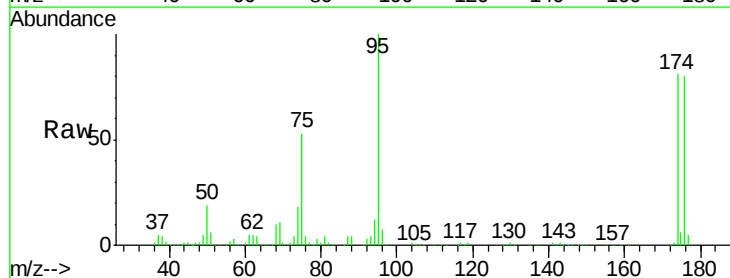
Tgt Ion: 95 Resp: 86551

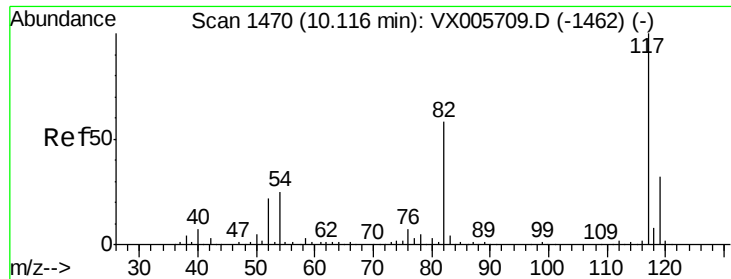
Ion Ratio Lower Upper

95 100

174 78.2 0.0 184.4

176 76.7 0.0 177.4





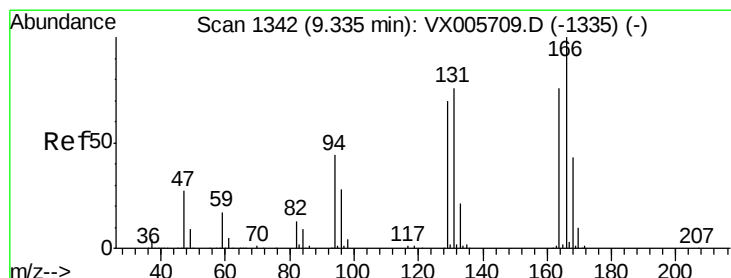
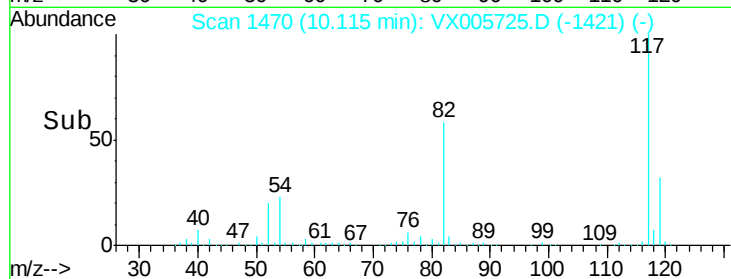
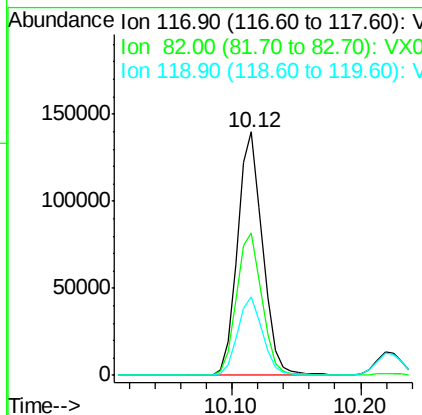
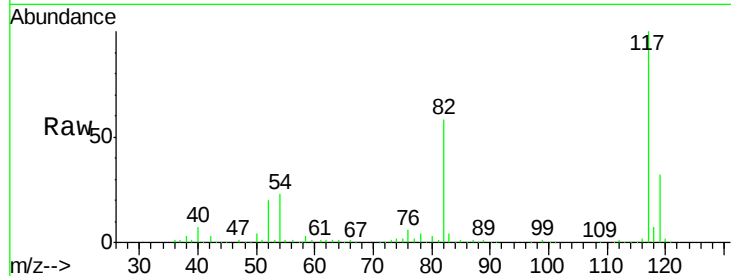
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005725.D
Acq: 01 Nov 2018 13:24

Instrument :
MSVOA_X
ClientSampleId :
VX1101WBS02

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	189081		
82	58.4	44.1	66.1	
119	32.2	26.2	39.2	

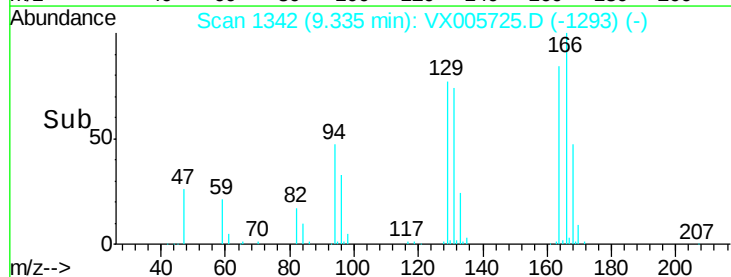
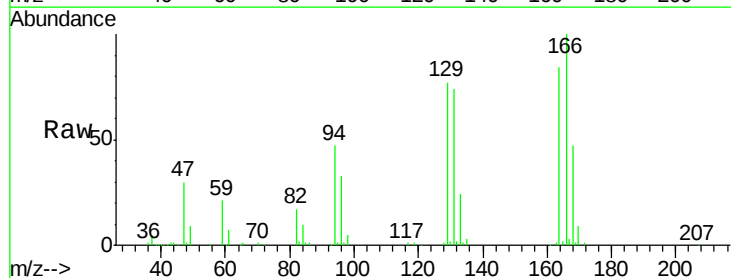
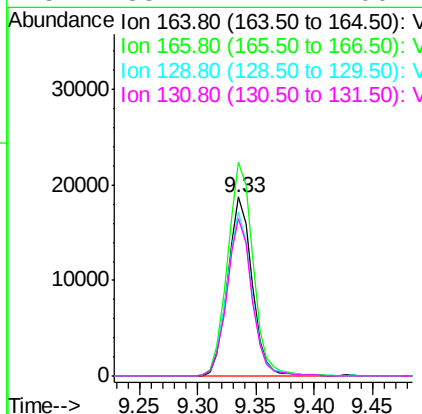
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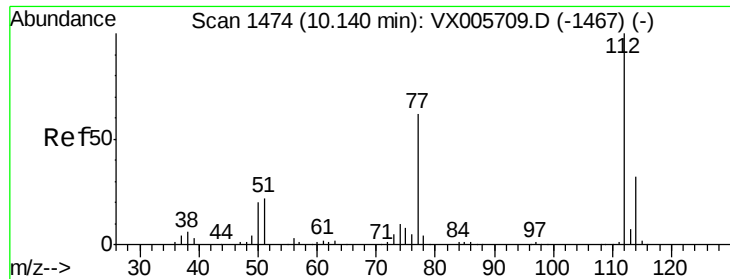
MMDadoda
11/2/2018 12:34:03 PM



#64
Tetrachloroethene
Concen: 19.897 ug/l
RT: 9.33 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005725.D
Acq: 01 Nov 2018 13:24

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	27485		
166	119.5	101.9	152.9	
129	91.7	72.6	109.0	
131	88.4	71.1	106.7	





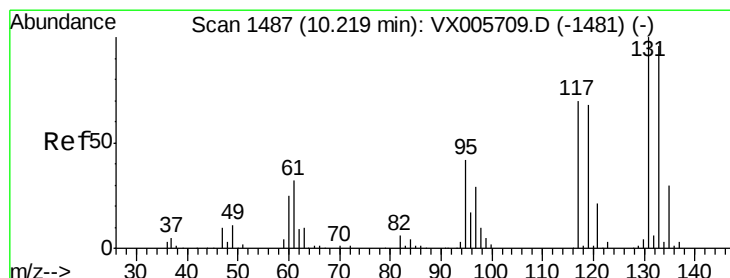
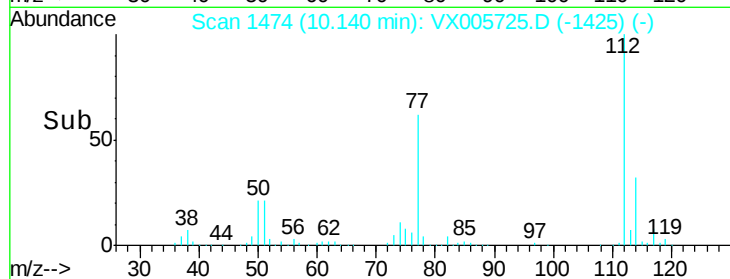
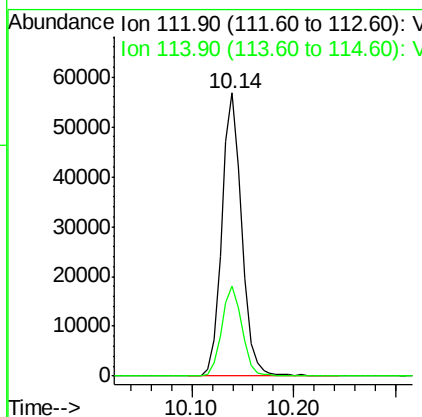
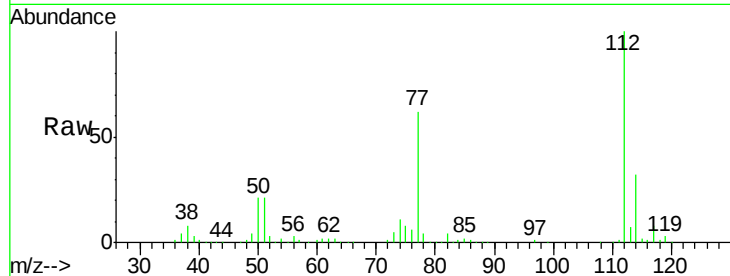
#65
Chlorobenzene
Concen: 19.219 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX005725.D
Acq: 01 Nov 2018 13:24

Instrument :
MSVOA_X
ClientSampleId :
VX1101WBS02

Tgt Ion:112 Resp: 77223
Ion Ratio Lower Upper
112 100
114 31.7 25.8 38.6

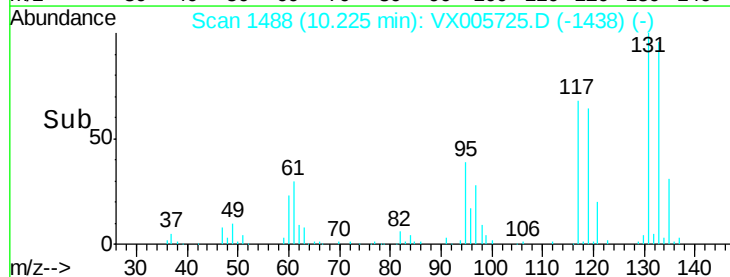
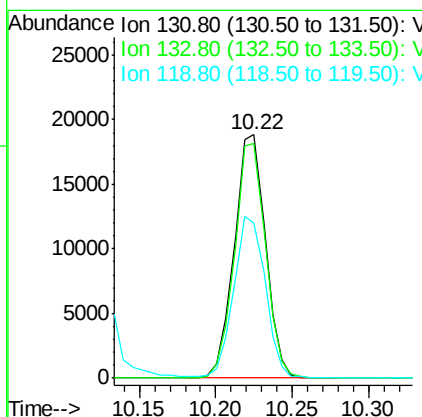
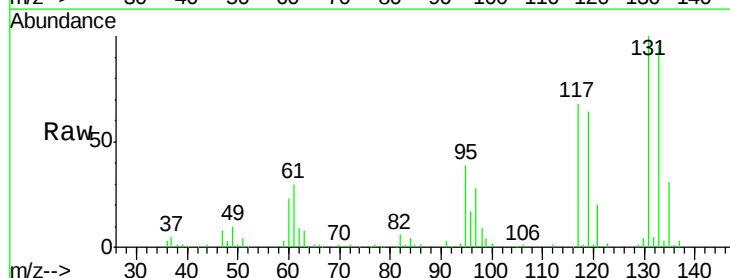
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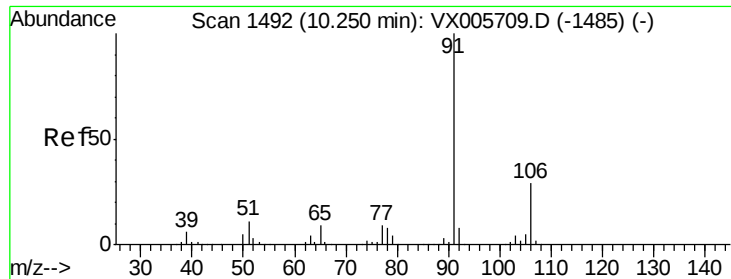
MMDadoda
11/2/2018 12:34:03 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 19.382 ug/l
RT: 10.22 min Scan# 1488
Delta R.T. 0.01 min
Lab File: VX005725.D
Acq: 01 Nov 2018 13:24

Tgt Ion:131 Resp: 26660
Ion Ratio Lower Upper
131 100
133 95.8 47.5 142.5
119 67.5 31.8 95.3





#67

Ethyl Benzene

Concen: 19.844 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX005725.D

Acq: 01 Nov 2018 13:24

Instrument :

MSVOA_X

ClientSampled :

VX1101WBS02

Tgt Ion: 91 Resp: 136075

Ion Ratio Lower Upper

91 100

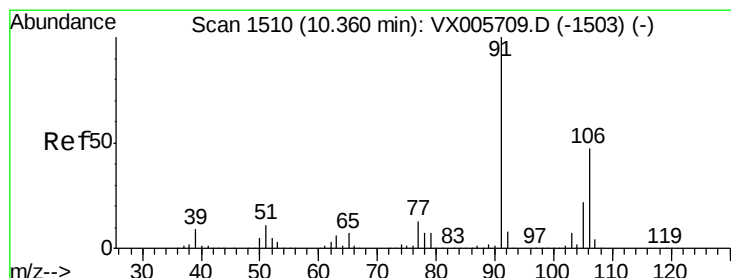
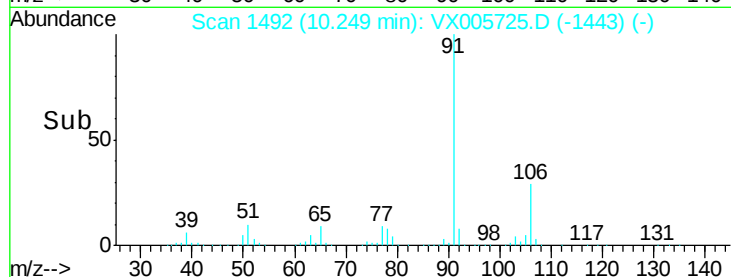
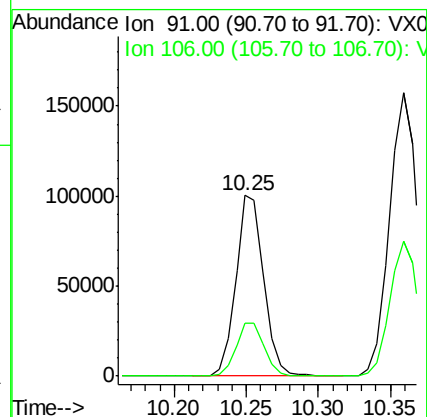
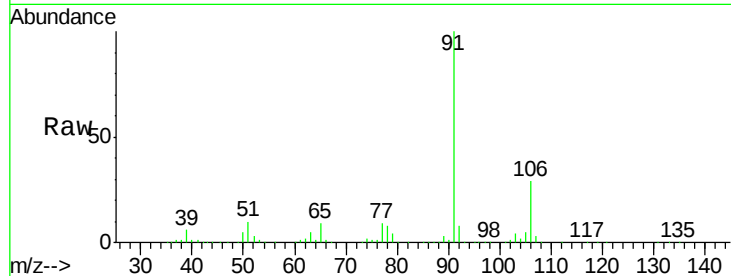
106 29.4 24.4 36.6

Manual Integrations

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#68

m/p-Xylenes

Concen: 40.040 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX005725.D

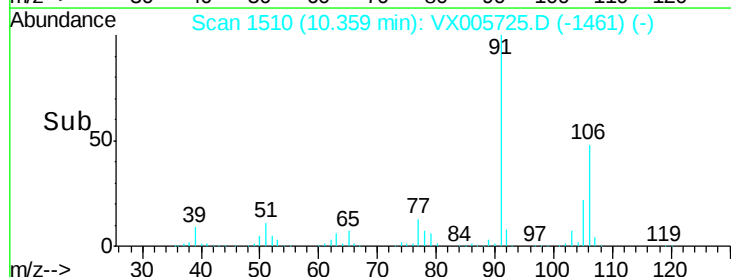
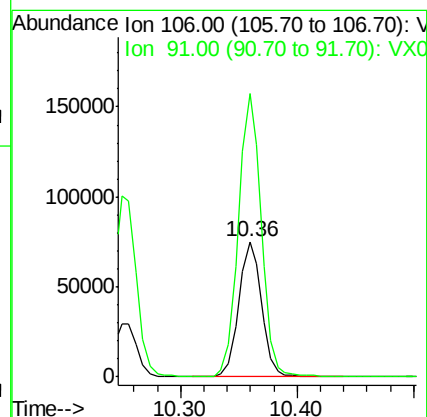
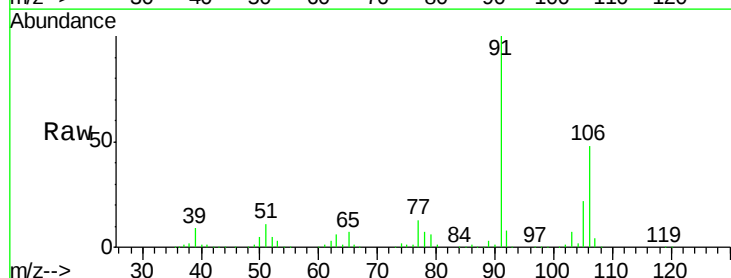
Acq: 01 Nov 2018 13:24

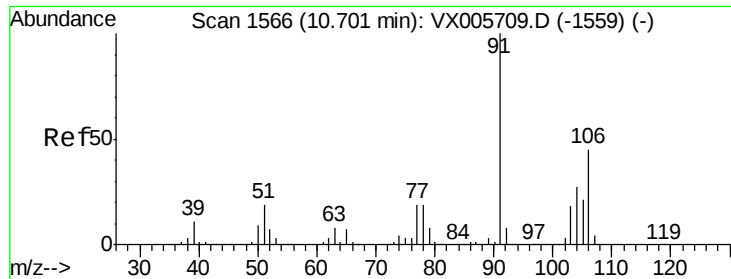
Tgt Ion: 106 Resp: 102025

Ion Ratio Lower Upper

106 100

91 211.4 164.2 246.4





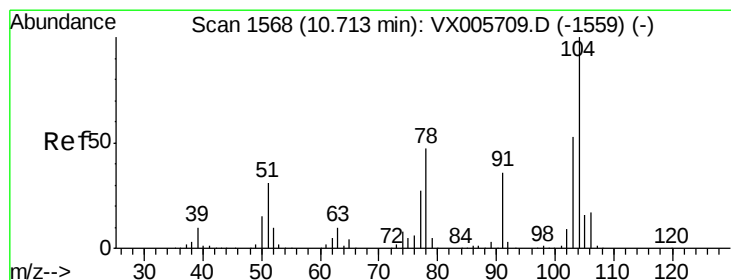
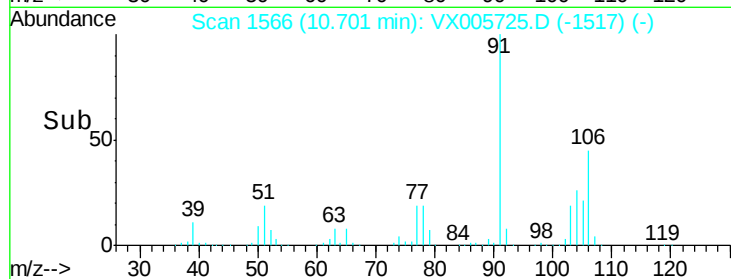
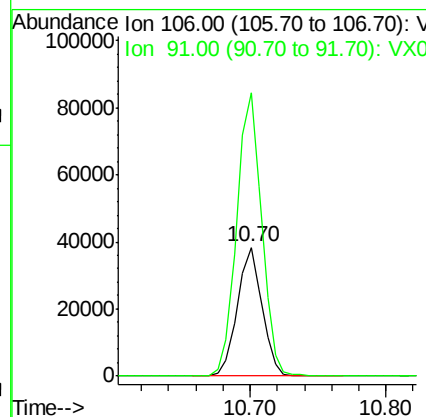
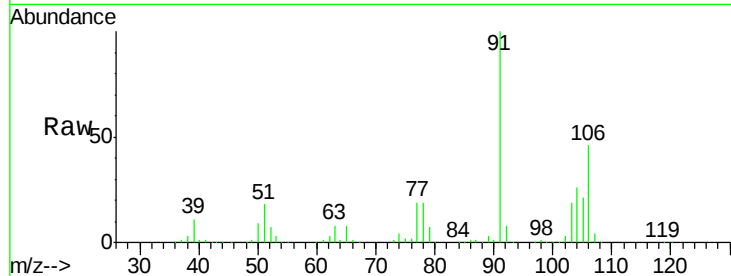
#69
o-Xylene
Concen: 19.971 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005725.D
Acq: 01 Nov 2018 13:24

Instrument :
MSVOA_X
ClientSampleId :
VX1101WBS02

Tgt Ion:106 Resp: 48670
Ion Ratio Lower Upper
106 100
91 222.8 108.5 325.5

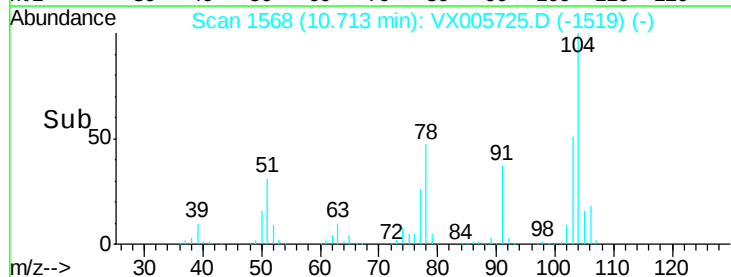
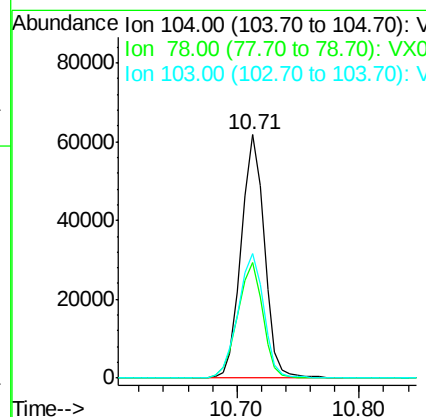
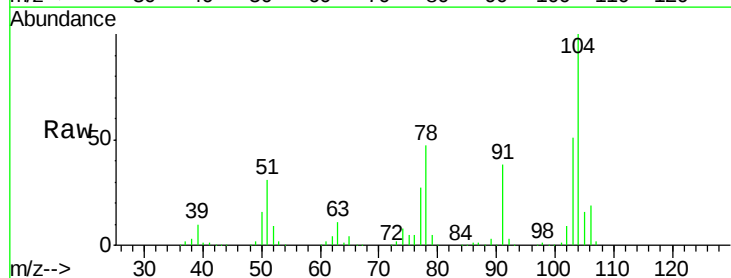
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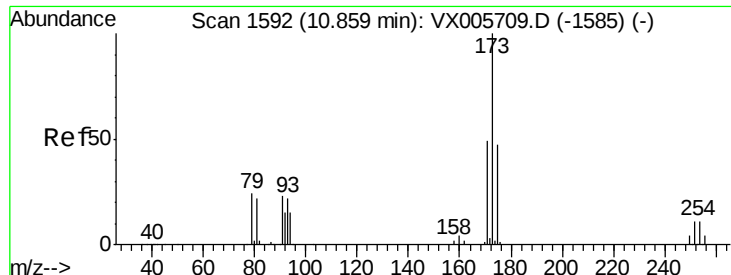
MMDadoda
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#70
Styrene
Concen: 20.017 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005725.D
Acq: 01 Nov 2018 13:24

Tgt Ion:104 Resp: 81025
Ion Ratio Lower Upper
104 100
78 52.3 40.2 60.4
103 57.1 44.9 67.3





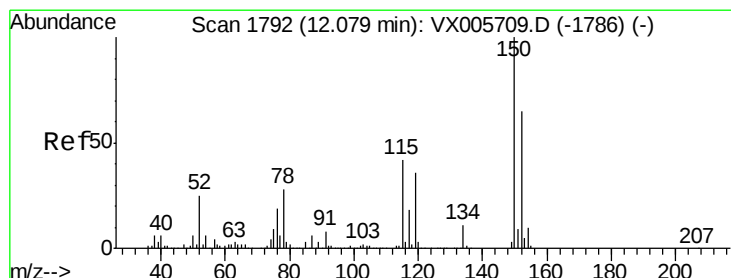
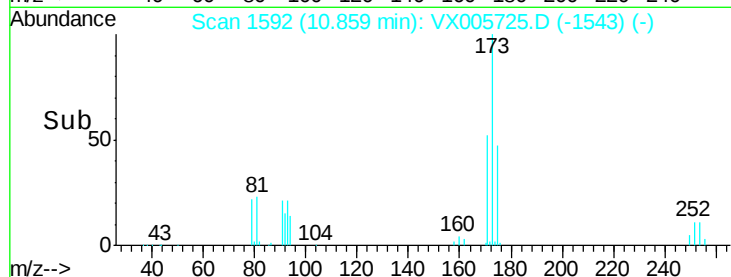
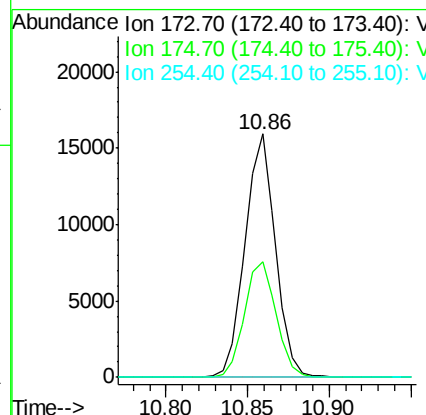
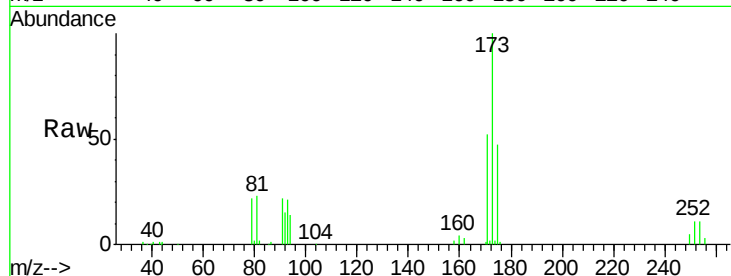
#71
Bromoform
Concen: 18.559 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VX005725.D
Acq: 01 Nov 2018 13:24

Instrument :
MSVOA_X
ClientSampled :
VX1101WBS02

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.4	24.8	74.3
254	0.0	0.2	0.2

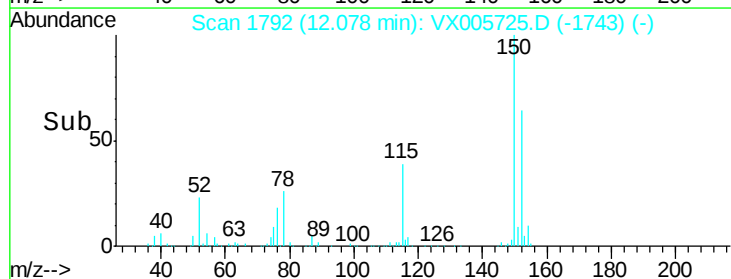
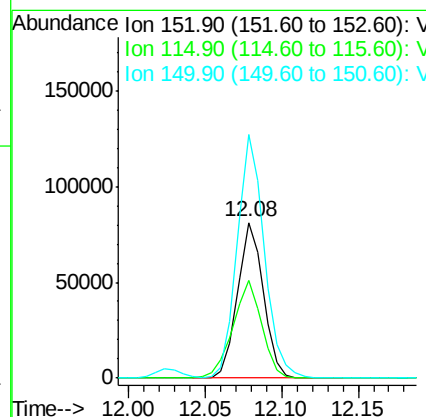
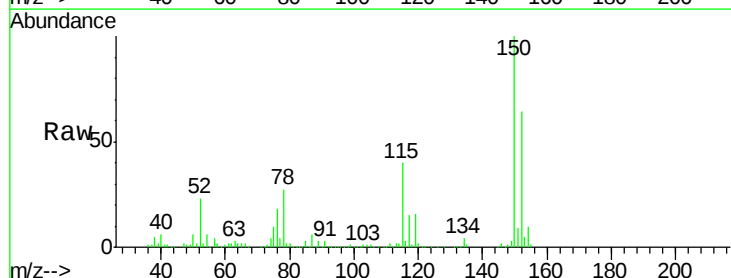
Manual Integrations
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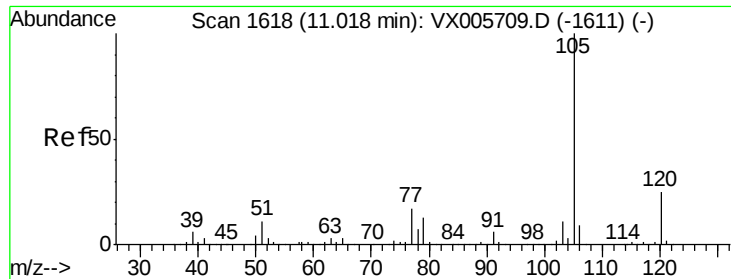
MMDadoda
11/2/2018 12:34:03 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005725.D
Acq: 01 Nov 2018 13:24

Tgt Ion	Ratio	Lower	Upper
152	100		
115	69.6	39.4	118.1
150	163.5	0.0	346.4





#73

Isopropylbenzene

Concen: 21.225 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005725.D

Acq: 01 Nov 2018 13:24

Instrument :

MSVOA_X

ClientSampleId :

VX1101WBS02

Tgt Ion: 105 Resp: 133852

Ion Ratio Lower Upper

105 100

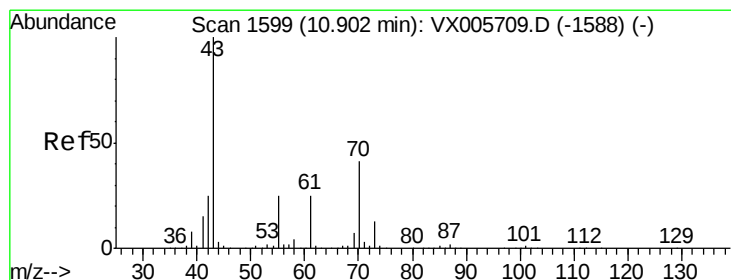
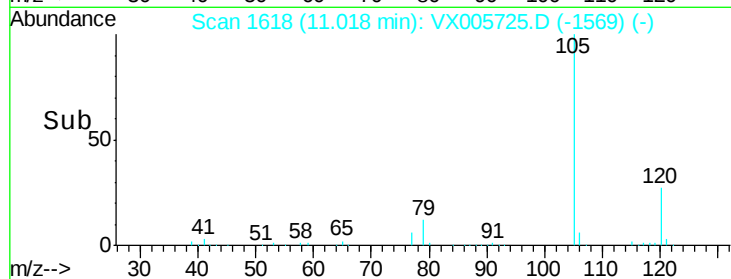
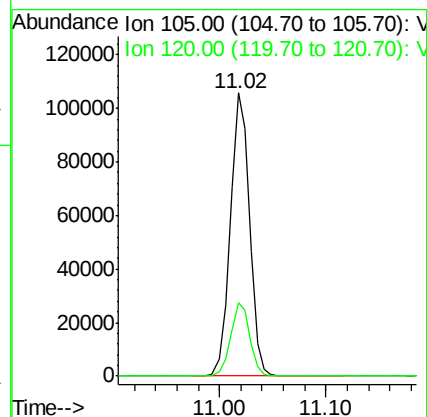
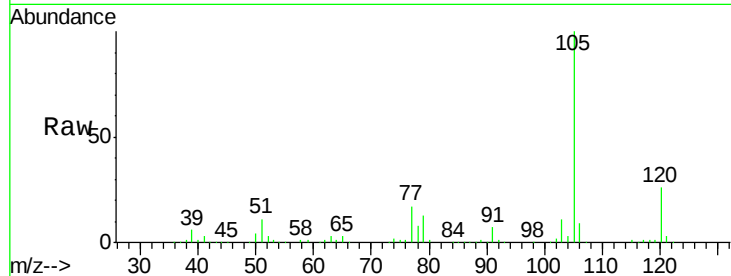
120 25.7 13.1 39.3

Manual Integrations

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MMDadoda

11/2/2018 12:34:03 PM



#74

N-ethyl acetate

Concen: 19.603 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. -0.00 min

Lab File: VX005725.D

Acq: 01 Nov 2018 13:24

Tgt Ion: 43 Resp: 65816

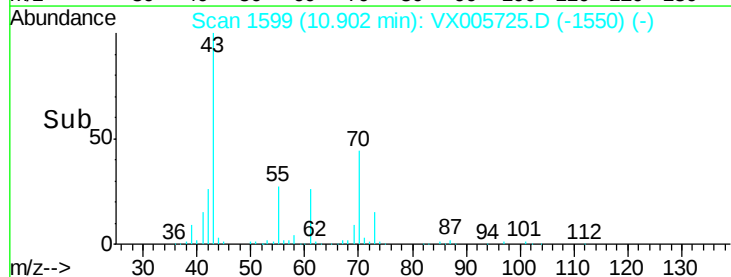
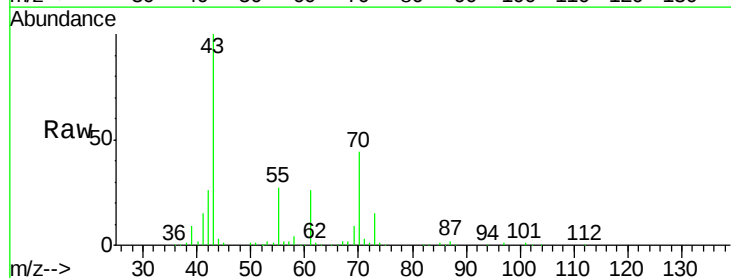
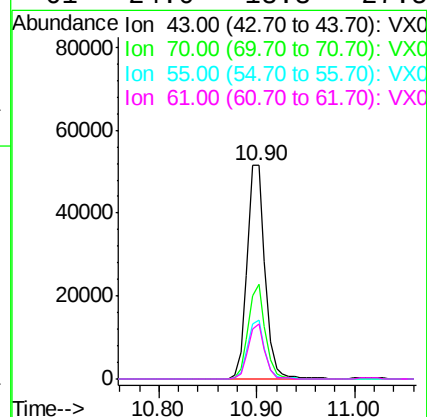
Ion Ratio Lower Upper

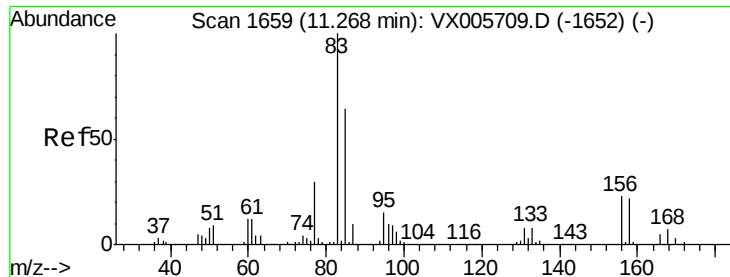
43 100

70 41.4 31.6 47.4

55 25.9 19.7 29.5

61 24.0 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 19.607 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005725.D

Acq: 01 Nov 2018 13:24

Instrument :

MSVOA_X

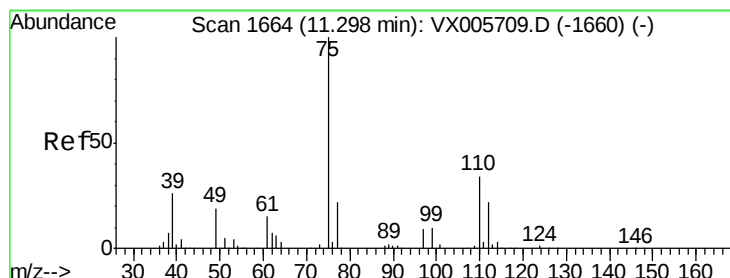
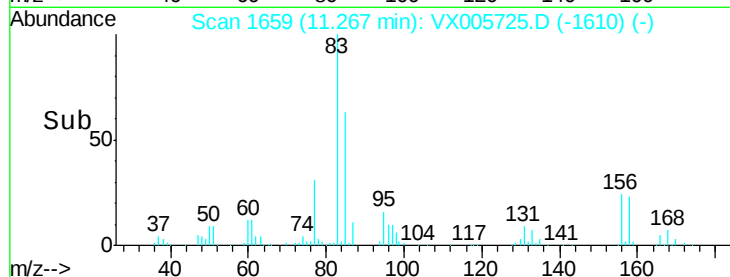
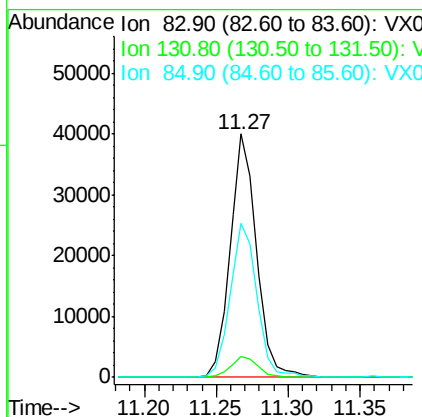
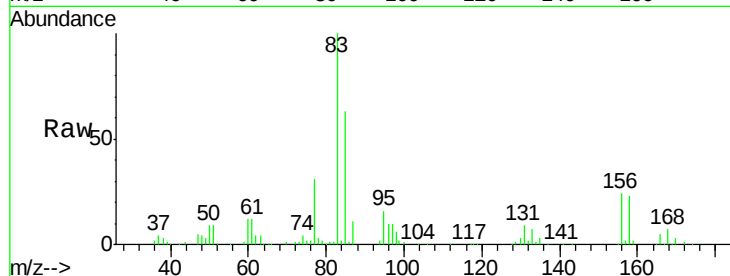
ClientSampleId :

VX1101WBS02

Tgt Ion:	83	Resp:	51299
Ion	Ratio	Lower	Upper
83	100		
131	8.9	5.3	15.9
85	64.6	32.0	96.2

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 19.828 ug/l m

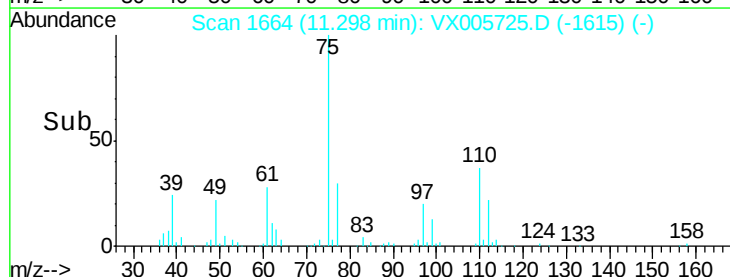
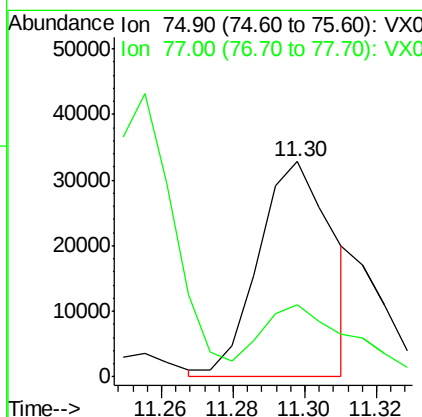
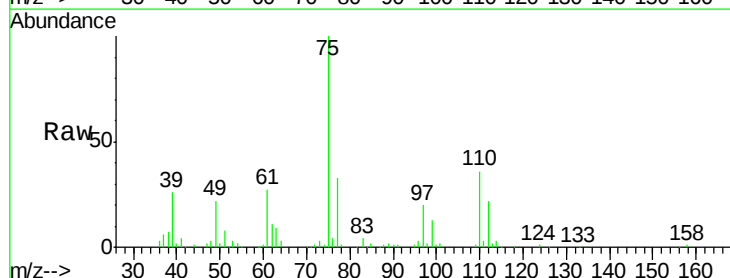
RT: 11.30 min Scan# 1664

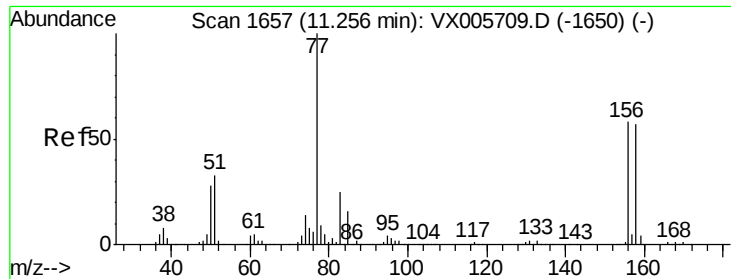
Delta R.T. -0.00 min

Lab File: VX005725.D

Acq: 01 Nov 2018 13:24

Tgt Ion:	75	Resp:	47206
Ion	Ratio	Lower	Upper
75	100		
77	40.3	20.5	61.6





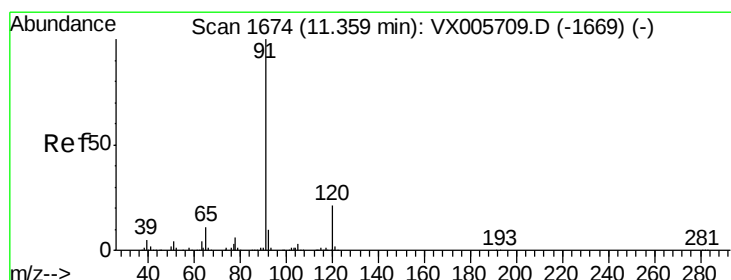
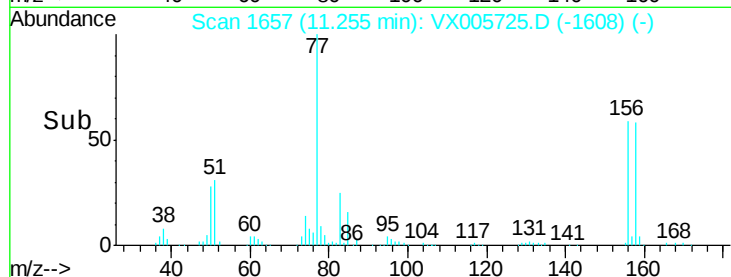
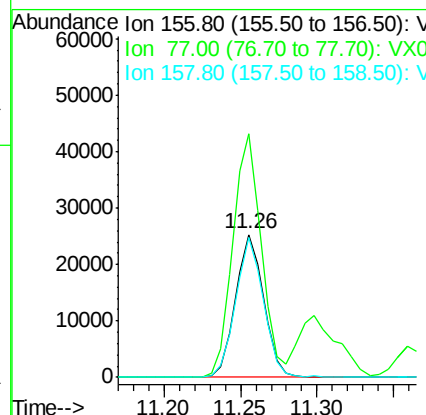
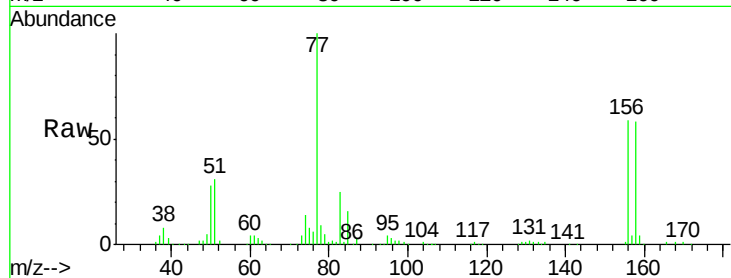
#77
Bromobenzene
Concen: 20.633 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. -0.00 min
Lab File: VX005725.D
Acq: 01 Nov 2018 13:24

Instrument :
MSVOA_X
ClientSampleId :
VX1101WBS02

Tgt Ion	Ratio	Lower	Upper
156	100		
77	172.4	74.8	224.4
158	96.8	49.1	147.3

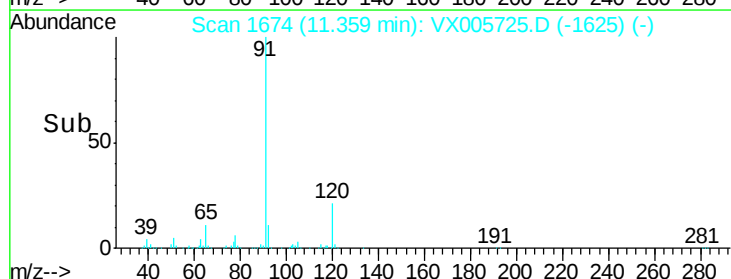
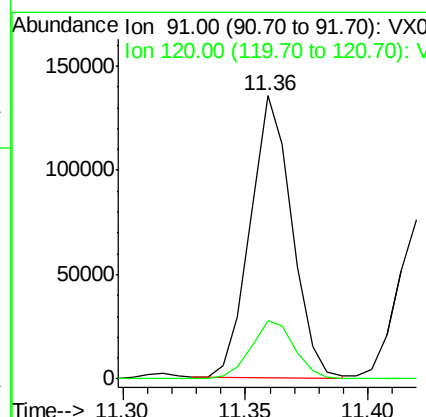
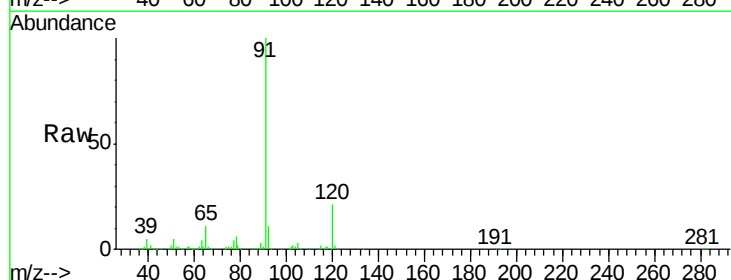
Manual Integrations
APPROVED

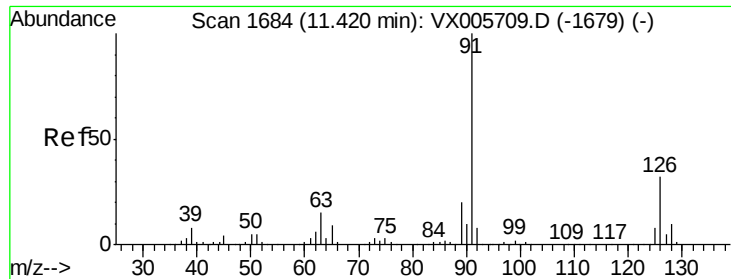
MMDadoda
11/2/2018 12:34:03 PM



#78
n-propylbenzene
Concen: 20.856 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VX005725.D
Acq: 01 Nov 2018 13:24

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.9	11.9	35.5





#79

2-Chlorotoluene

Concen: 20.756 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX005725.D

Acq: 01 Nov 2018 13:24

Instrument :

MSVOA_X

ClientSampleId :

VX1101WBS02

Tgt Ion: 91 Resp: 95102

Ion Ratio Lower Upper

91 100

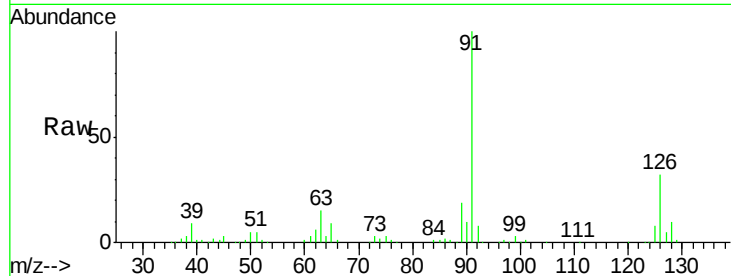
126 32.2 17.3 52.0

Manual Integrations

APPROVED

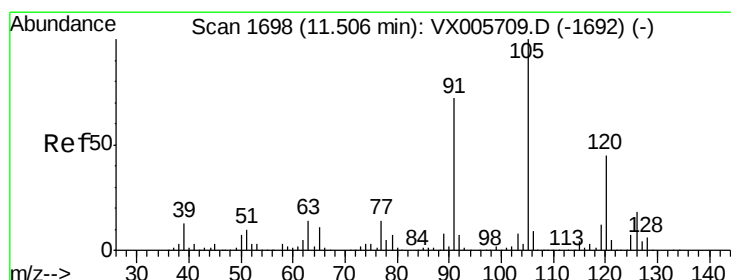
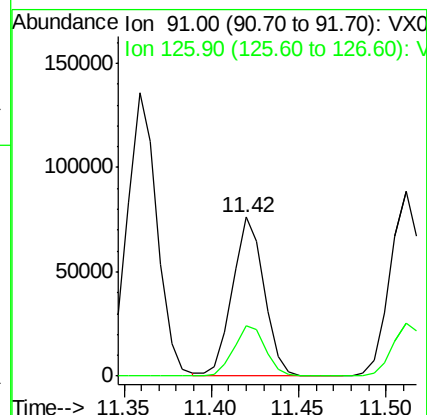
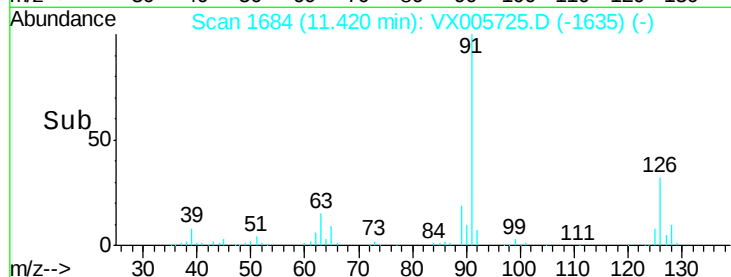
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Abundance Ion 91.00 (90.70 to 91.70): VX005709.D (-1679) (-)

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



#80

1,3,5-Trimethylbenzene

Concen: 20.967 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX005725.D

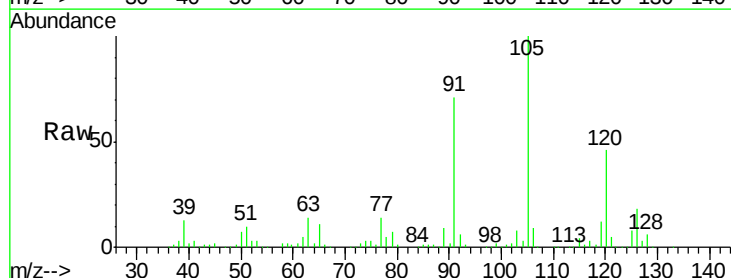
Acq: 01 Nov 2018 13:24

Tgt Ion: 105 Resp: 112272

Ion Ratio Lower Upper

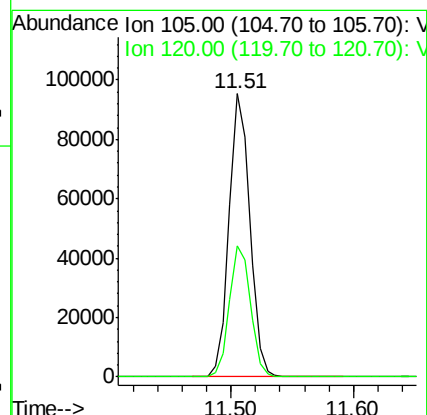
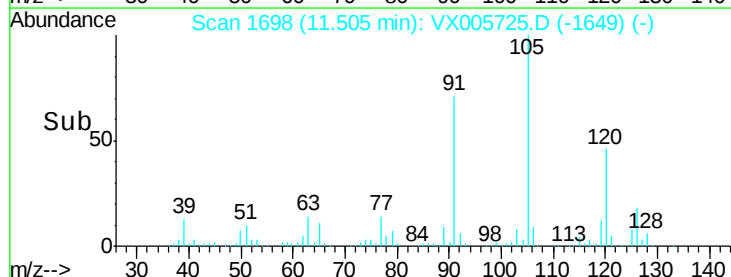
105 100

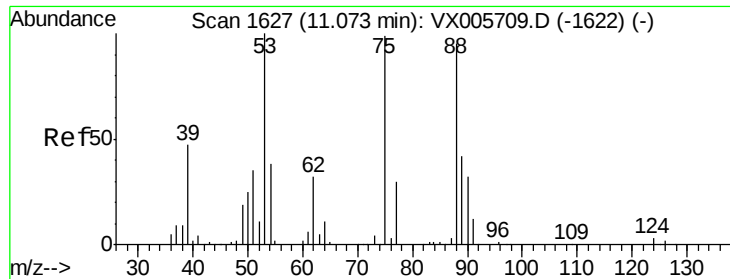
120 47.1 24.1 72.2



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

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





#81

trans-1,4-Dichloro-2-butene

Concen: 19.632 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX005725.D

Acq: 01 Nov 2018 13:24

Instrument :

MSVOA_X

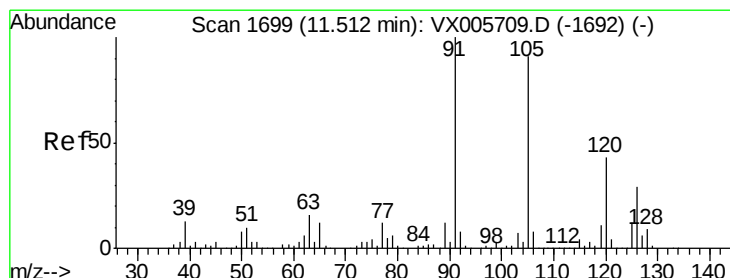
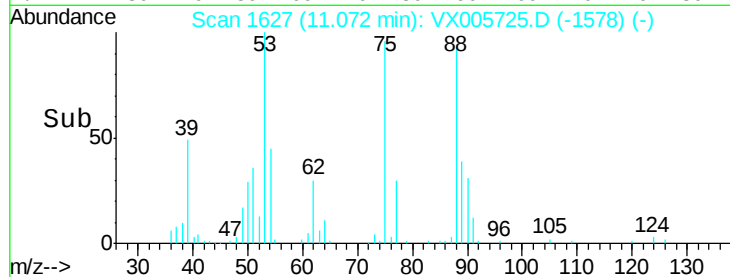
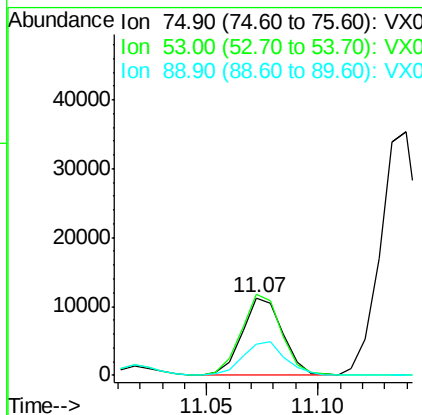
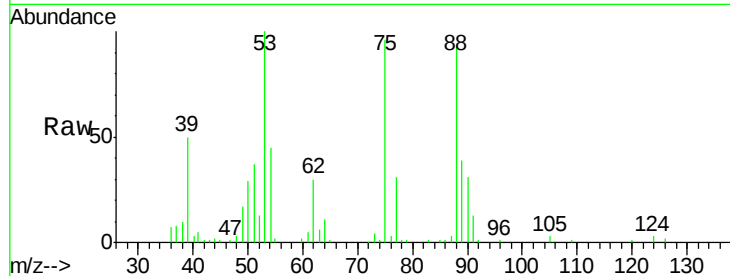
ClientSampleId :

VX1101WBS02

Tgt Ion:	75	Resp:	14466
Ion Ratio	Lower	Upper	
75	100		
53	103.4	80.2	120.2
89	45.1	39.8	59.8

Manual Integrations
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#82

4-Chlorotoluene

Concen: 20.467 ug/l

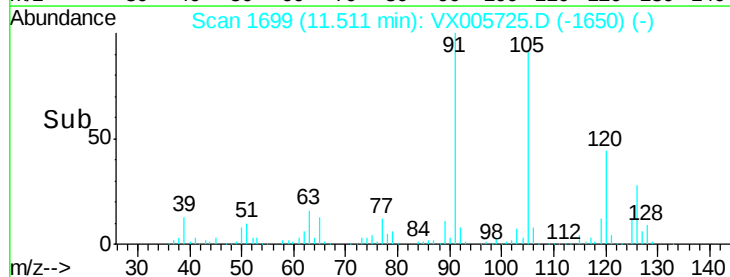
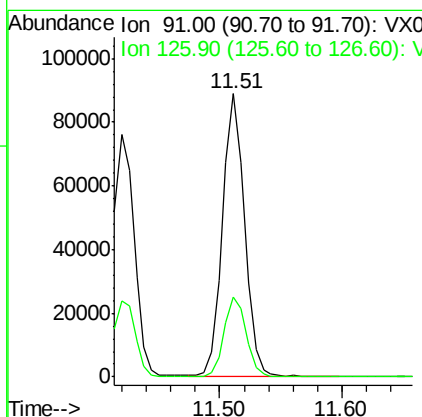
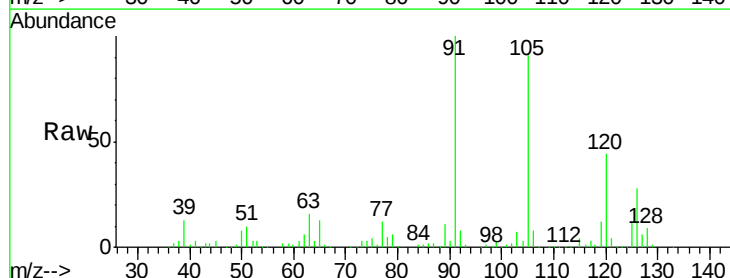
RT: 11.51 min Scan# 1699

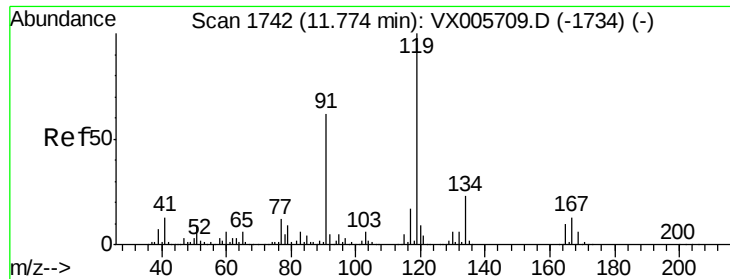
Delta R.T. -0.00 min

Lab File: VX005725.D

Acq: 01 Nov 2018 13:24

Tgt Ion:	91	Resp:	111957
Ion Ratio	Lower	Upper	
91	100		
126	28.4	15.2	45.6





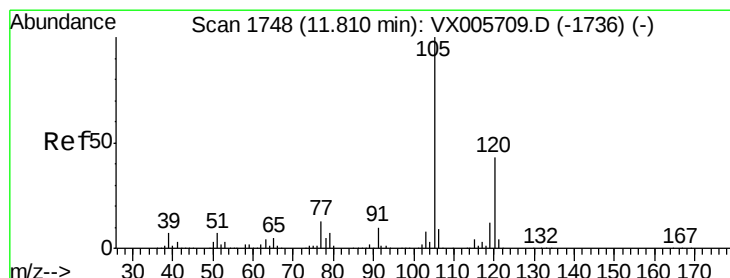
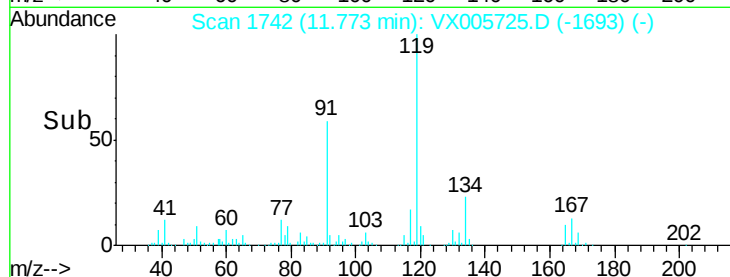
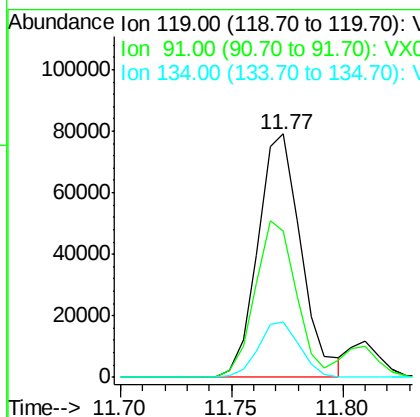
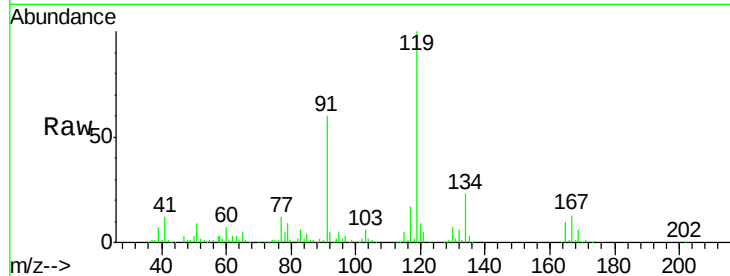
#83
 tert-Butylbenzene
 Concen: 20.911 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VX005725.D
 Acq: 01 Nov 2018 13:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1101WBS02

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	106837		
91	61.0	28.5	85.5	
134	21.9	11.3	33.8	

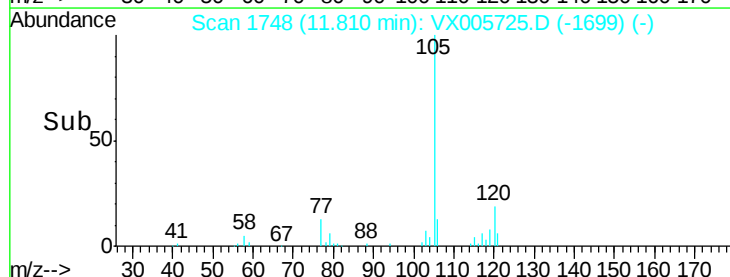
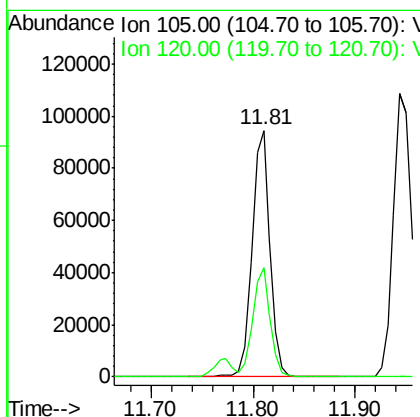
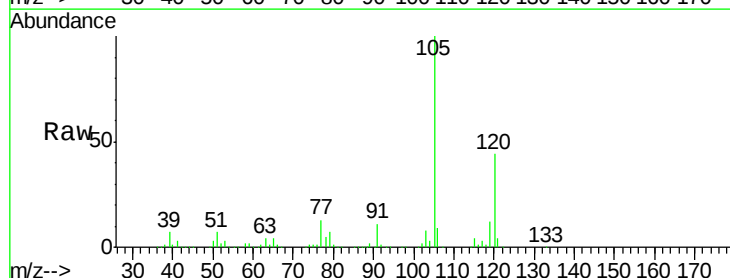
Manual Integrations
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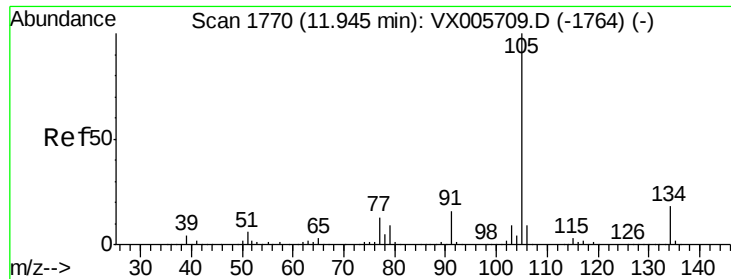
MMDadoda
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#84
 1,2,4-Trimethylbenzene
 Concen: 21.475 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: VX005725.D
 Acq: 01 Nov 2018 13:24

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	116118		
120	43.3	22.4	67.0	





#85

sec-Butylbenzene

Concen: 20.624 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX005725.D

Acq: 01 Nov 2018 13:24

Instrument :

MSVOA_X

ClientSampleId :

VX1101WBS02

Tgt Ion:105 Resp: 135162

Ion Ratio Lower Upper

105 100

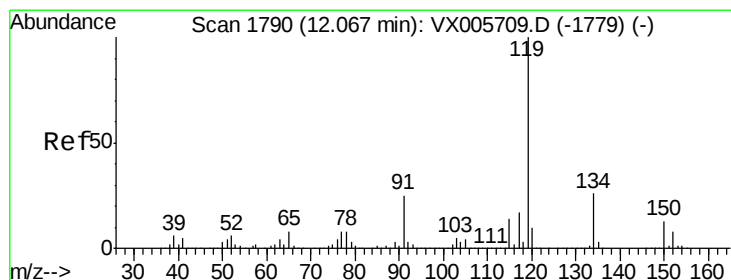
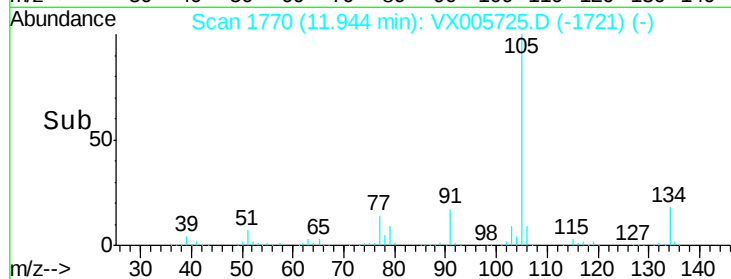
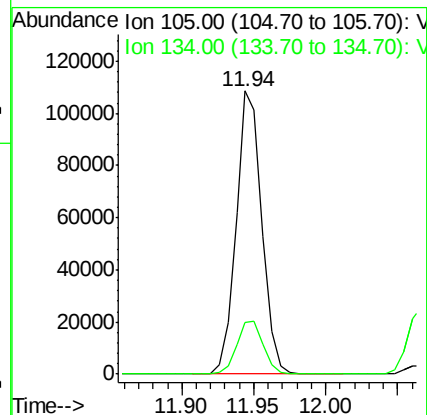
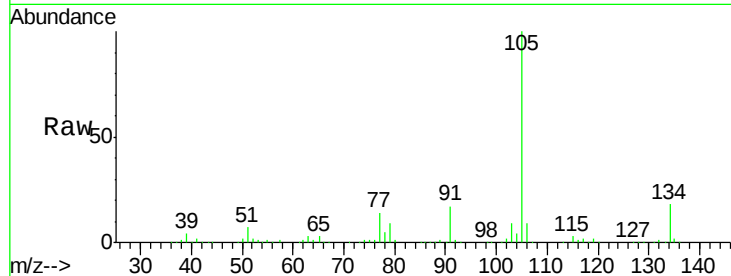
134 19.3 10.2 30.4

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 20.797 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX005725.D

Acq: 01 Nov 2018 13:24

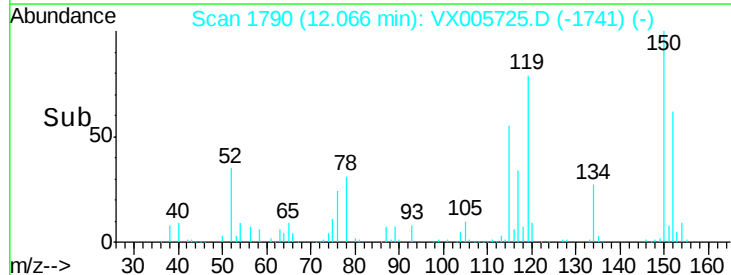
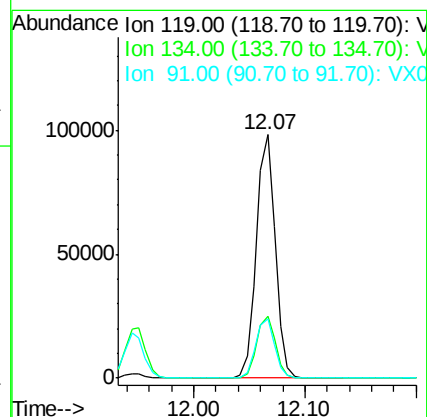
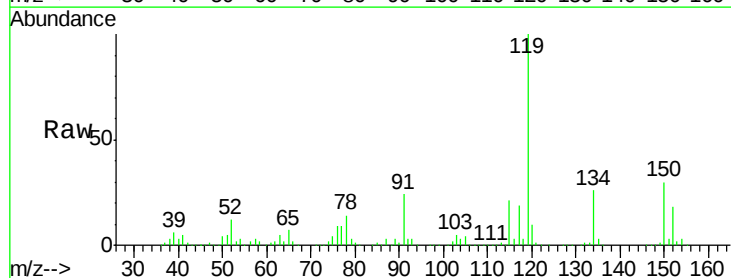
Tgt Ion:119 Resp: 115917

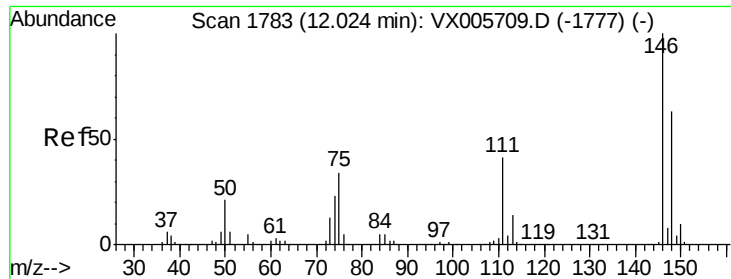
Ion Ratio Lower Upper

119 100

134 25.5 13.0 39.0

91 24.8 11.4 34.2





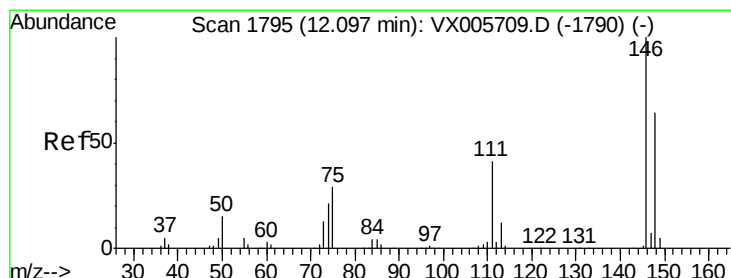
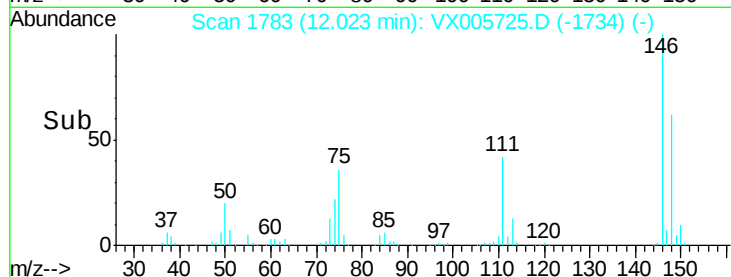
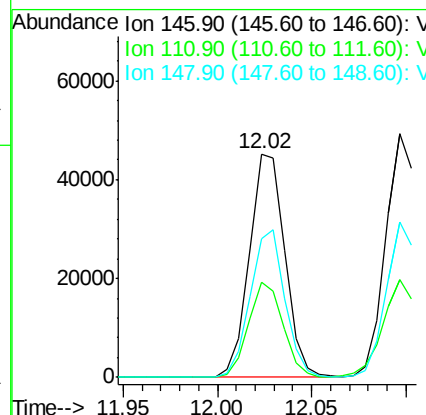
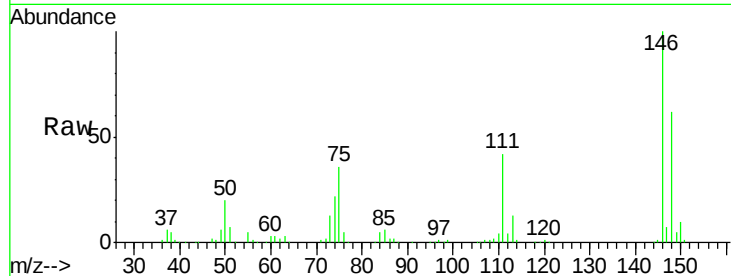
#87
 1,3-Dichlorobenzene
 Concen: 19.522 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX005725.D
 Acq: 01 Nov 2018 13:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1101WBS02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.5	19.0	57.0
148	64.4	31.9	95.9

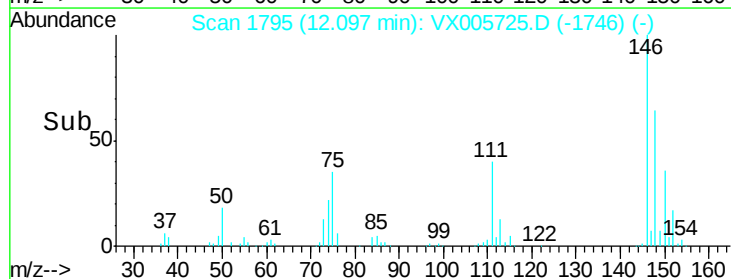
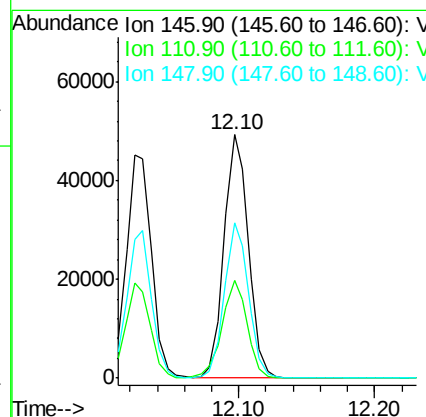
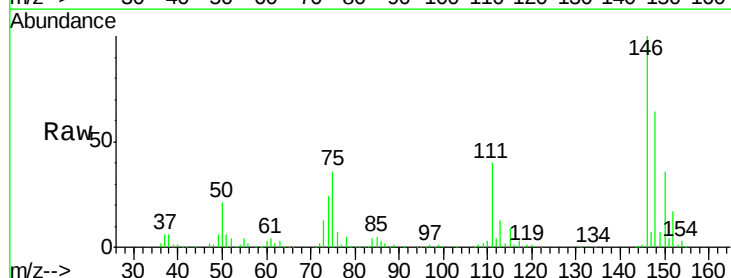
Manual Integrations
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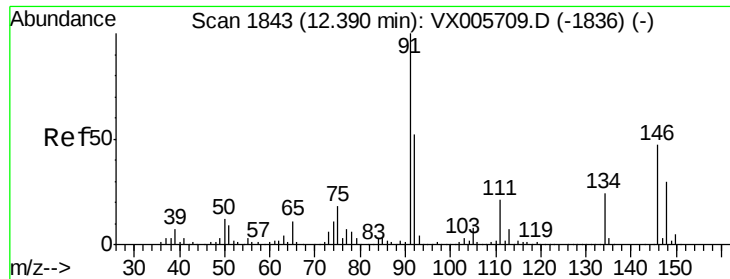
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#88
 1,4-Dichlorobenzene
 Concen: 18.734 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX005725.D
 Acq: 01 Nov 2018 13:24

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.4	18.6	55.8
148	63.6	32.1	96.3





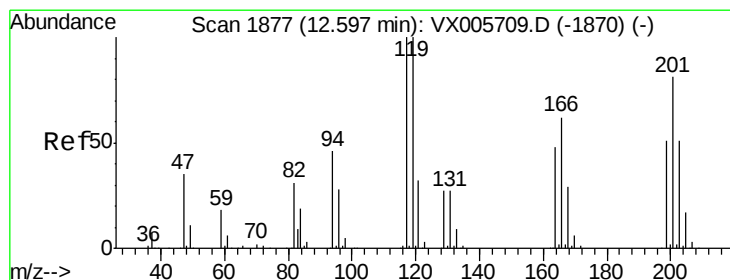
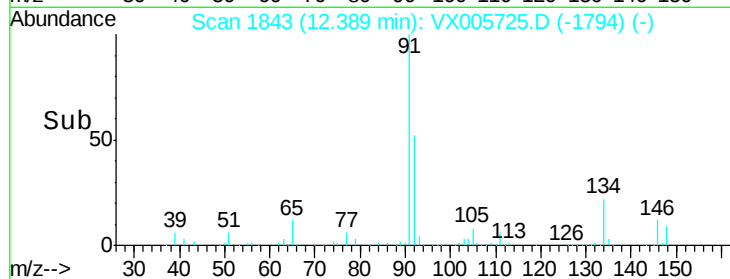
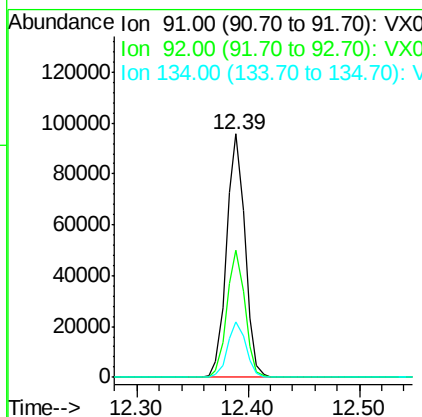
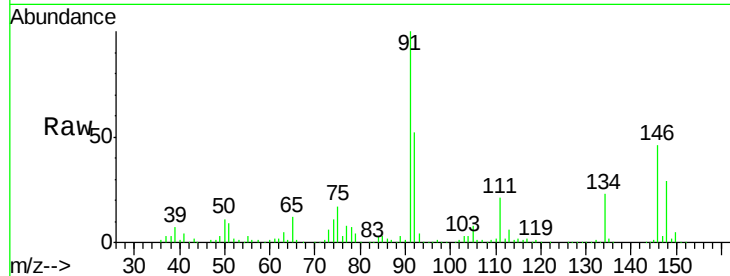
#89
n-Butylbenzene
Concen: 19.458 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX005725.D
Acq: 01 Nov 2018 13:24

Instrument :
MSVOA_X
ClientSampleId :
VX1101WBS02

Tgt Ion: 91 Resp: 109425
Ion Ratio Lower Upper
91 100
92 51.2 26.1 78.2
134 22.9 13.1 39.3

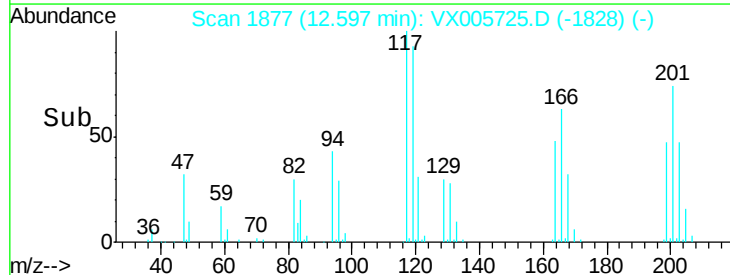
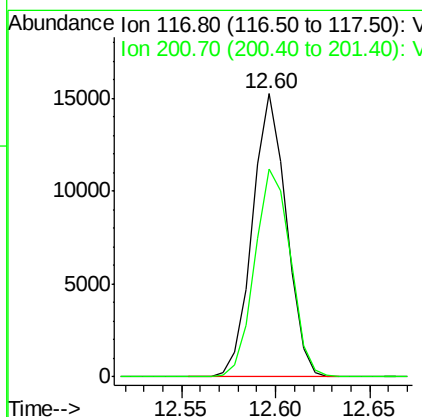
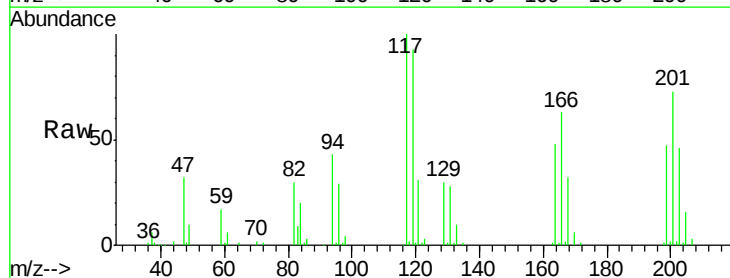
Manual Integrations
APPROVED

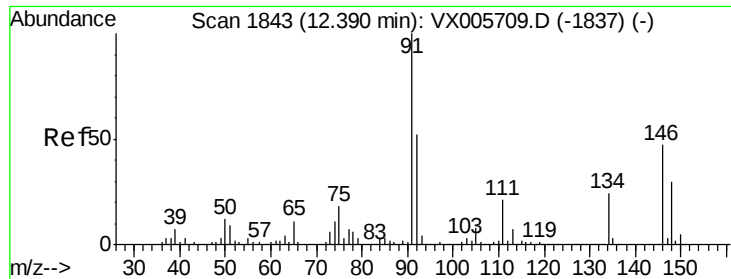
MMDadoda
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#90
Hexachloroethane
Concen: 19.250 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX005725.D
Acq: 01 Nov 2018 13:24

Tgt Ion: 117 Resp: 19036
Ion Ratio Lower Upper
117 100
201 77.3 47.9 143.6





#91

1,2-Dichlorobenzene

Concen: 18.978 ug/l

RT: 12.40 min Scan# 1844

Delta R.T. 0.01 min

Lab File: VX005725.D

Acq: 01 Nov 2018 13:24

Instrument :

MSVOA_X

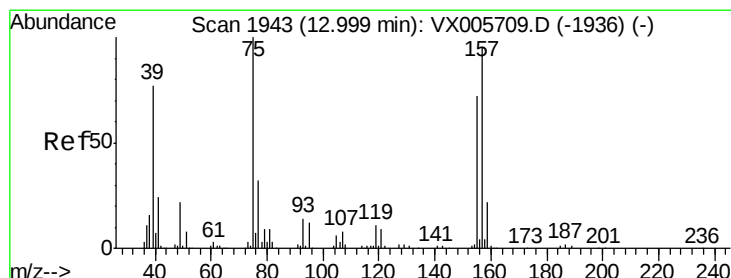
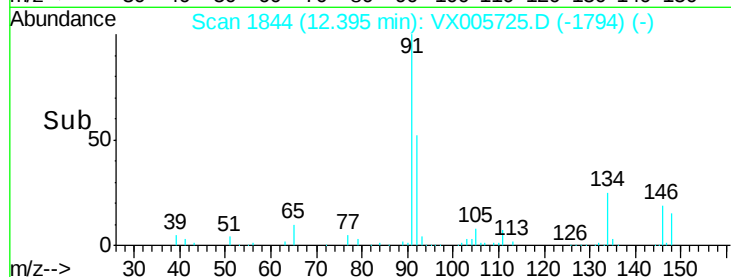
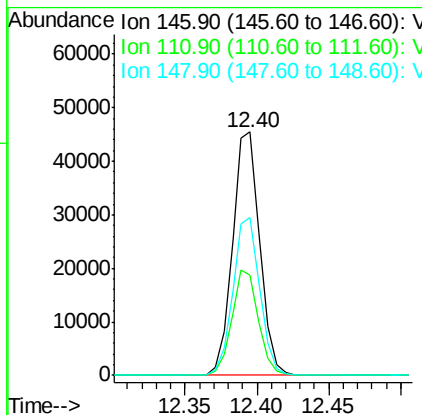
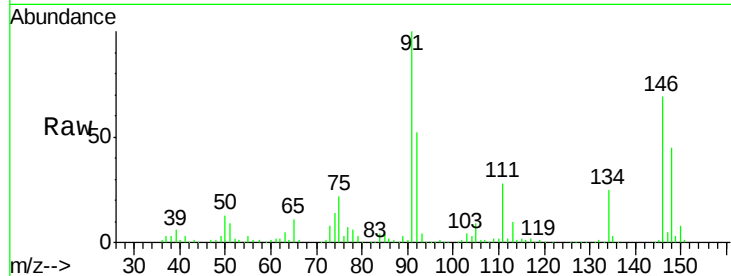
ClientSampleId :

VX1101WBS02

Tgt Ion:	146	Resp:	59973
Ion Ratio	Lower	Upper	
146	100		
111	42.3	20.0	59.9
148	64.3	32.2	96.6

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#92

1,2-Dibromo-3-Chloropropane

Concen: 19.086 ug/l

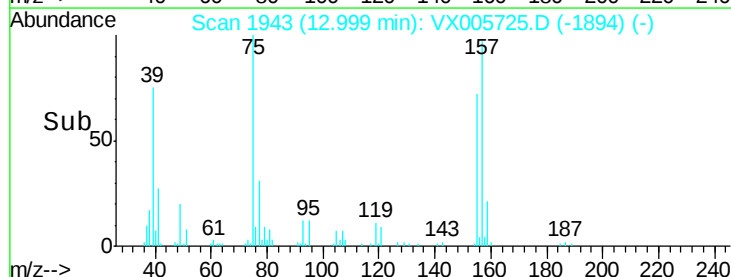
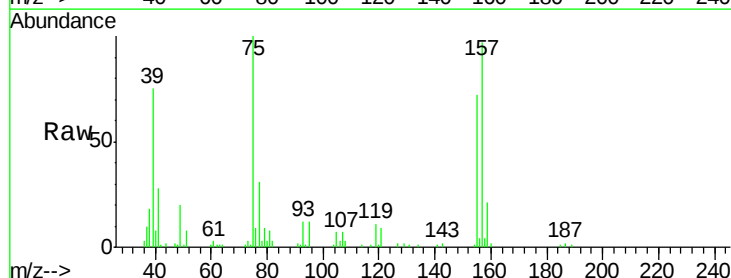
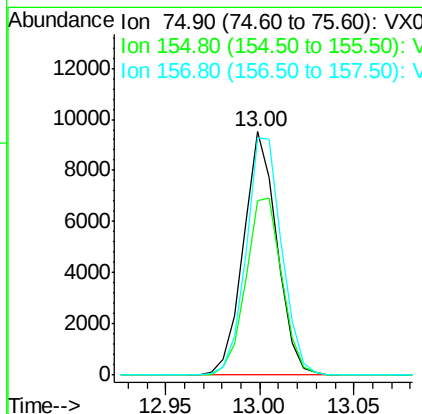
RT: 13.00 min Scan# 1943

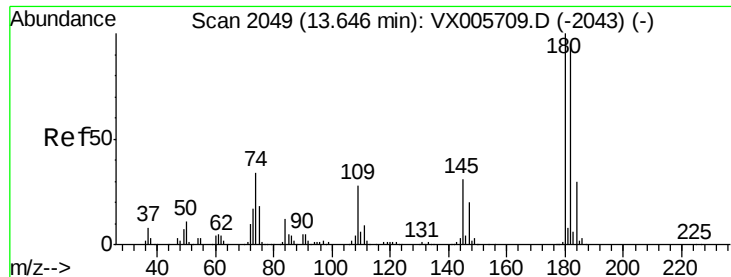
Delta R.T. -0.00 min

Lab File: VX005725.D

Acq: 01 Nov 2018 13:24

Tgt Ion:	75	Resp:	11712
Ion Ratio	Lower	Upper	
75	100		
155	78.2	45.4	136.1
157	103.4	57.4	172.0





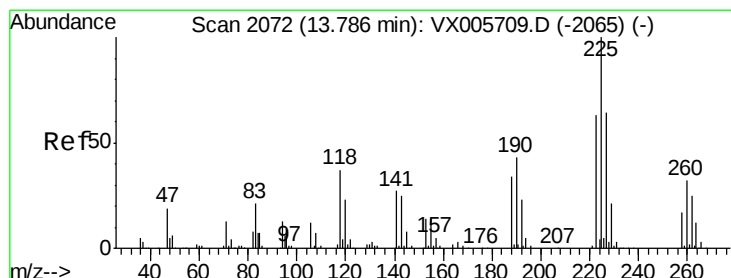
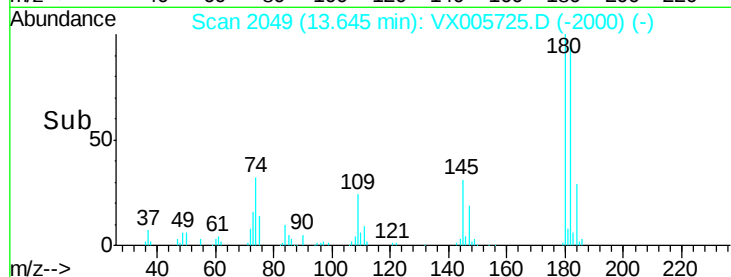
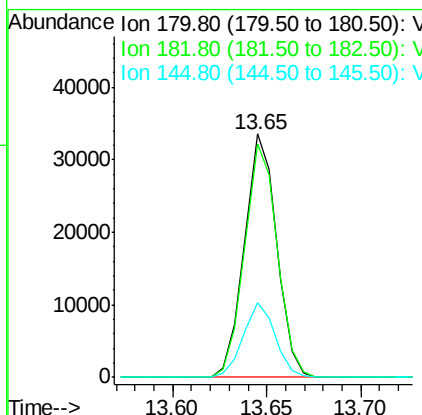
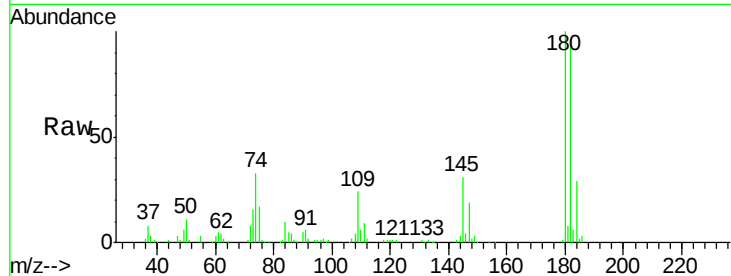
#93
 1,2,4-Trichlorobenzene
 Concen: 19.672 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005725.D
 Acq: 01 Nov 2018 13:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1101WBS02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.0	47.6	142.8
145	30.4	14.1	42.2

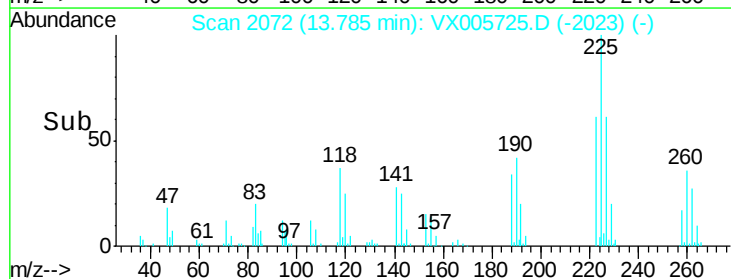
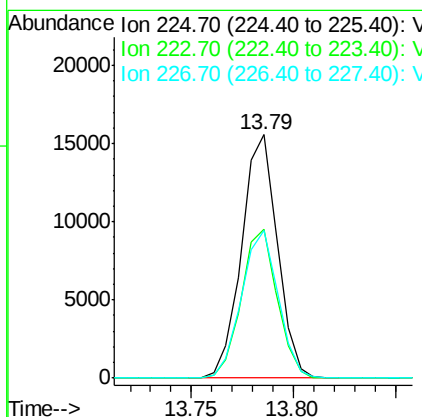
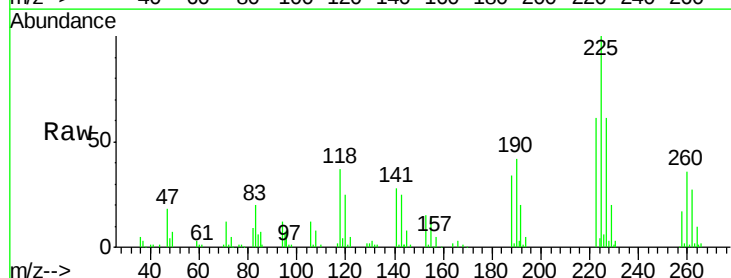
Manual Integrations
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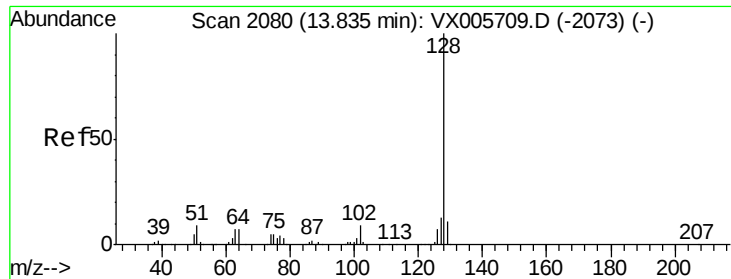
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#94
 Hexachlorobutadiene
 Concen: 19.332 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX005725.D
 Acq: 01 Nov 2018 13:24

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.6	31.7	95.1
227	62.1	32.3	96.9





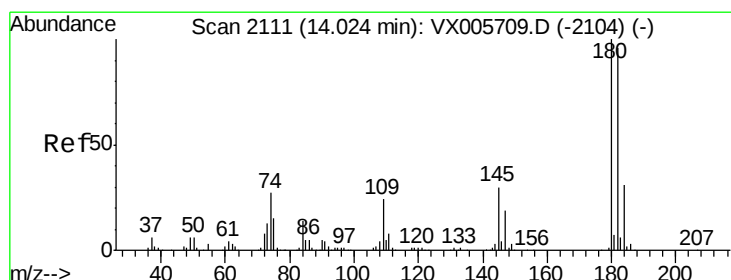
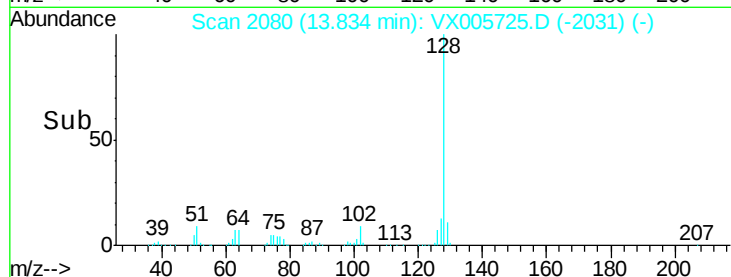
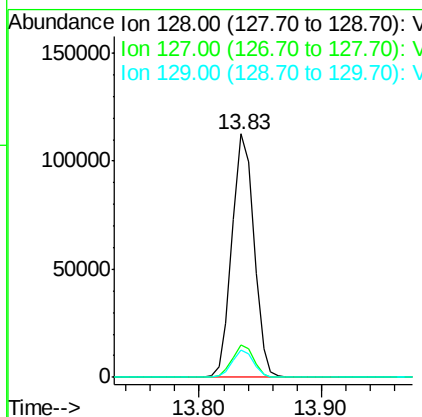
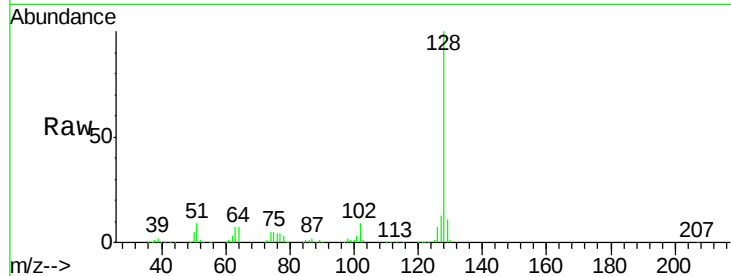
#95
Naphthalene
Concen: 20.945 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX005725.D
Acq: 01 Nov 2018 13:24

Instrument :
MSVOA_X
ClientSampleId :
VX1101WBS02

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	139607		
127	13.1	10.4	15.6	
129	10.8	8.7	13.1	

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#96
1,2,3-Trichlorobenzene
Concen: 20.231 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. -0.00 min
Lab File: VX005725.D
Acq: 01 Nov 2018 13:24

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	41745		
182	95.3	48.0	144.2	
145	31.7	15.1	45.3	

