

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072219\
 Data File : VX011022.D
 Acq On : 22 Jul 2019 11:56
 Operator : JC/SP
 Sample : VX0722WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0722WBS01

Manual Integrations
 APPROVED

MMDadoda
 7/23/2019 11:09:17 AM

Quant Time: Jul 23 05:01:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 20 04:05:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	237777	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	347567	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	319958	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	167896	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	118827	46.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.94%	
35) Dibromofluoromethane	5.50	113	107382	48.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.36%	
50) Toluene-d8	8.71	98	400925	48.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.90%	
62) 4-Bromofluorobenzene	11.13	95	150244	49.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.80%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.20	85	46074	18.520	ug/l	100
3) Chloromethane	1.32	50	39537	18.082	ug/l	100
4) Vinyl Chloride	1.41	62	41353	18.541	ug/l	99
5) Bromomethane	1.64	94	24481	19.478	ug/l	97
6) Chloroethane	1.72	64	26044	18.375	ug/l	99
7) Trichlorofluoromethane	1.93	101	71232	18.868	ug/l	99
8) Diethyl Ether	2.19	74	23858	18.341	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	40974	19.008	ug/l	100
10) Methyl Iodide	2.51	142	42070	14.872	ug/l	99
11) Tert butyl alcohol	3.04	59	52545	89.193	ug/l	98
12) 1,1-Dichloroethene	2.37	96	39248	18.531	ug/l	99
13) Acrolein	2.29	56	24622	72.339	ug/l	100
14) Allyl chloride	2.73	41	56710	18.434	ug/l	100
15) Acrylonitrile	3.14	53	110124	92.508	ug/l	99
16) Acetone	2.44	43	101283	88.652	ug/l	96
17) Carbon Disulfide	2.57	76	91428	16.829	ug/l	99
18) Methyl Acetate	2.78	43	48389	18.601	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	128804	18.892	ug/l	99
20) Methylene Chloride	2.85	84	43472	17.955	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	41676	18.545	ug/l	92
22) Diisopropyl ether	3.85	45	120435	18.562	ug/l	97
23) Vinyl Acetate	3.81	43	518194	94.260	ug/l	100
24) 1,1-Dichloroethane	3.70	63	69937	18.560	ug/l	99
25) 2-Butanone	4.67	43	152083	92.732	ug/l	99
26) 2,2-Dichloropropane	4.58	77	56717	18.332	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	48628	18.697	ug/l	97
28) Bromochloromethane	5.01	49	32852	18.501	ug/l	97
29) Tetrahydrofuran	5.13	42	93298	89.809	ug/l	99
30) Chloroform	5.21	83	74146	18.205	ug/l	97
31) Cyclohexane	5.58	56	60677	17.666	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	67262	19.088	ug/l	99
36) 1,1-Dichloropropene	5.79	75	53335	18.682	ug/l	99
37) Ethyl Acetate	4.83	43	55577	19.011	ug/l	96
38) Carbon Tetrachloride	5.78	117	57363	19.282	ug/l	99

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 Sample : VX0722WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0722WBS01

Manual Integrations
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MMDadoda
 7/23/2019 11:09:17 AM

Quant Time: Jul 23 05:01:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 20 04:05:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	69502	18.773	ug/l	99
40) Benzene	6.14	78	164195	18.775	ug/l	100
41) Methacrylonitrile	5.04	41	30431	18.337	ug/l	97
42) 1,2-Dichloroethane	6.19	62	58689	19.301	ug/l	100
43) Isopropyl Acetate	6.45	43	91548	19.045	ug/l	99
44) Trichloroethene	7.21	130	48651	18.794	ug/l	93
45) 1,2-Dichloropropane	7.51	63	42178	18.949	ug/l	98
46) Dibromomethane	7.66	93	30520	19.189	ug/l	99
47) Bromodichloromethane	7.90	83	53746	18.983	ug/l	97
48) Methyl methacrylate	7.77	41	42721	18.244	ug/l	98
49) 1,4-Dioxane	7.74	88	25100	383.190	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	296979	95.307	ug/l	100
52) Toluene	8.78	92	108308	18.852	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	58058	19.071	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	64456	19.028	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	44723	18.906	ug/l	97
56) Ethyl methacrylate	9.18	69	65876	19.038	ug/l	98
57) 1,3-Dichloropropane	9.37	76	70155	18.695	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	164927	99.850	ug/l	99
59) 2-Hexanone	9.49	43	231325	95.714	ug/l	100
60) Dibromochloromethane	9.58	129	45567	18.419	ug/l	99
61) 1,2-Dibromoethane	9.67	107	48177	19.191	ug/l	98
64) Tetrachloroethene	9.34	164	48852	19.408	ug/l	97
65) Chlorobenzene	10.13	112	121655	18.512	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	43926	19.019	ug/l	98
67) Ethyl Benzene	10.25	91	212287	18.978	ug/l	99
68) m/p-Xylenes	10.36	106	162015	37.759	ug/l	100
69) o-Xylene	10.69	106	78946	18.852	ug/l	99
70) Styrene	10.71	104	132477	18.978	ug/l	100
71) Bromoform	10.85	173	34164	17.967	ug/l #	98
73) Isopropylbenzene	11.02	105	214941	18.946	ug/l	99
74) N-amyl acetate	10.90	43	80173	18.496	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	68722	18.510	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	57693m	19.042	ug/l	
77) Bromobenzene	11.26	156	57115	18.252	ug/l	99
78) n-propylbenzene	11.36	91	239134	19.077	ug/l	100
79) 2-Chlorotoluene	11.42	91	141497	18.791	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	180898	19.083	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	19367	18.886	ug/l	97
82) 4-Chlorotoluene	11.51	91	166338	18.979	ug/l	100
83) tert-Butylbenzene	11.77	119	178633	19.184	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	180166	18.857	ug/l	99
85) sec-Butylbenzene	11.94	105	211773	19.410	ug/l	100
86) p-Isopropyltoluene	12.06	119	194203	19.253	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	102985	18.964	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	103096	18.510	ug/l	97
89) n-Butylbenzene	12.38	91	165510	19.180	ug/l	100
90) Hexachloroethane	12.60	117	29148	18.321	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	101986	18.949	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	14913	19.216	ug/l	96

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Sample : VX0722WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0722WBS01

Manual Integrations
APPROVED

MMDadoda
7/23/2019 11:09:17 AM

Quant Time: Jul 23 05:01:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260
QLast Update : Sat Jul 20 04:05:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	70855	19.426	ug/l	99
94) Hexachlorobutadiene	13.78	225	34726	19.212	ug/l	100
95) Naphthalene	13.83	128	209025	19.406	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	72622	20.010	ug/l	98

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

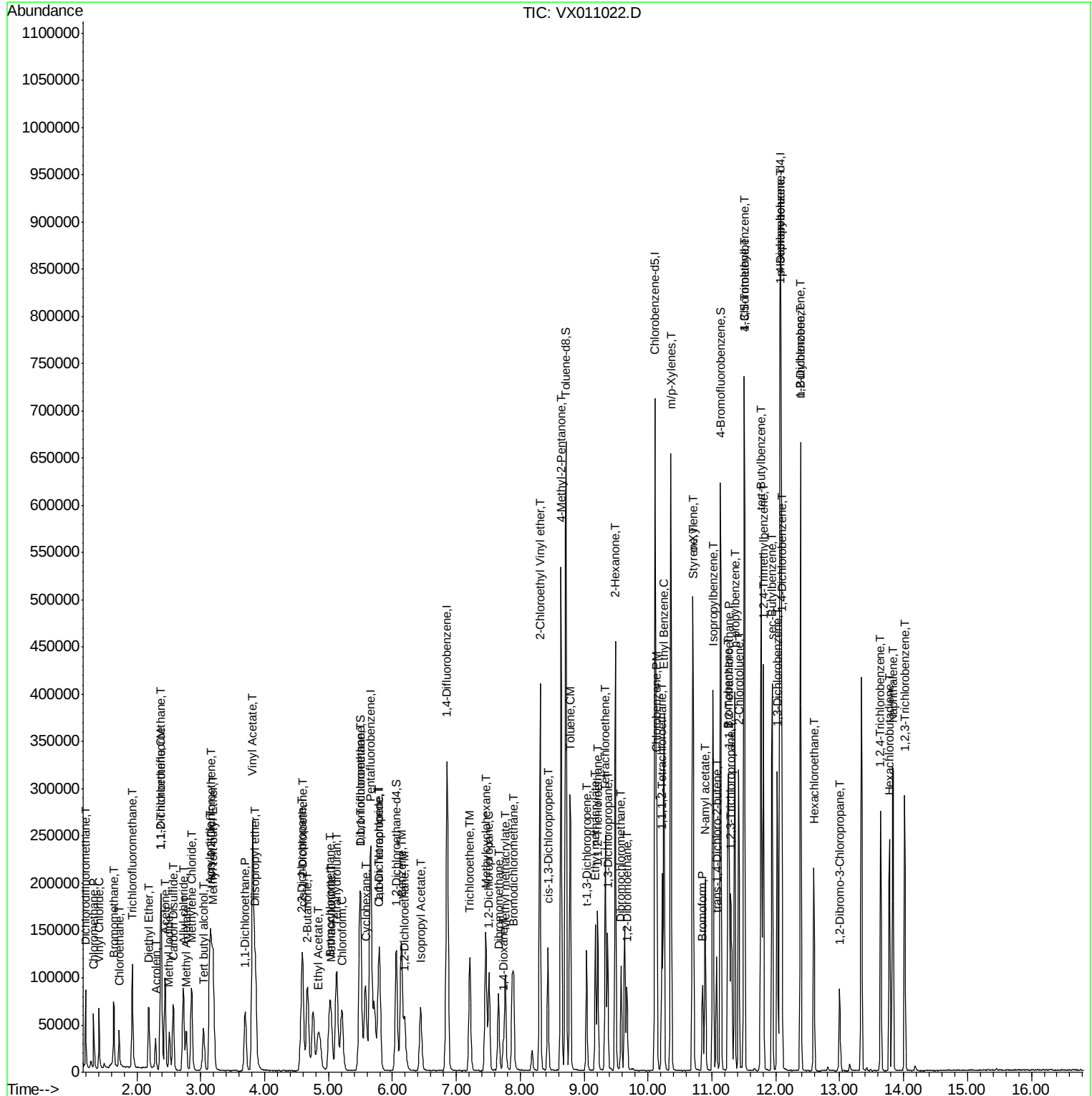
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Data File : VX011022.D
Acq On : 22 Jul 2019 11:56
Operator : JC/SP
Sample : VX0722WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 5 Sample Multiplier: 1

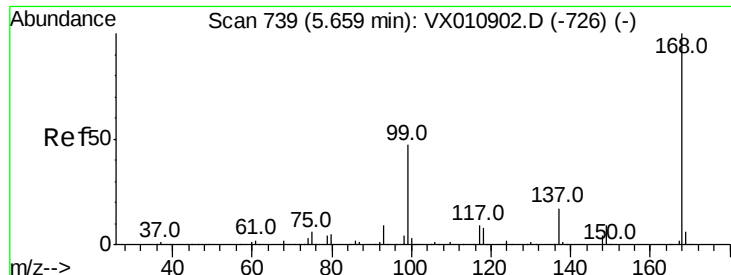
Instrument :
MSVOA_X
Client Sampled :
VX0722WBS01

Manual Integrations
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7/23/2019 11:09:17 AM

Quant Time: Jul 23 05:01:21 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260
QLast Update : Sat Jul 20 04:05:59 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX011022.D

Acq: 22 Jul 2019 11:56

Instrument :

MSVOA_X

ClientSampleID :

VX0722WBS01

Tot Ion:168 Resp: 237777

Ion Ratio Lower Upper

168 100

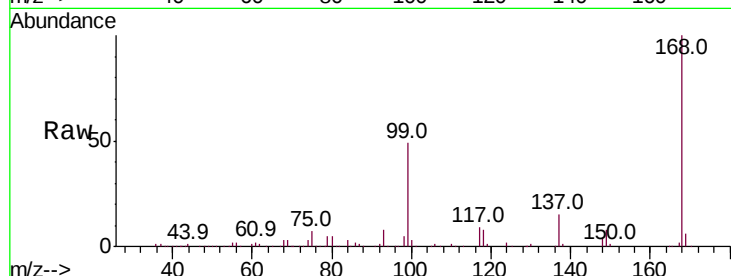
99 49.2 37.6 56.4

Manual Integrations

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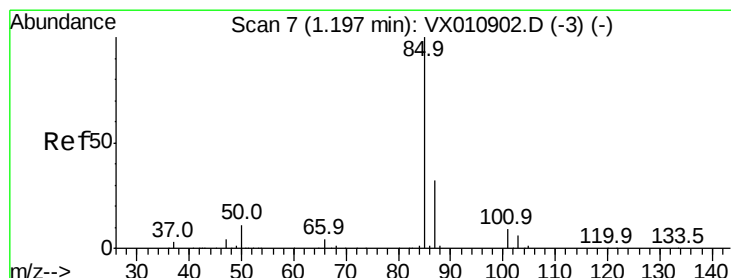
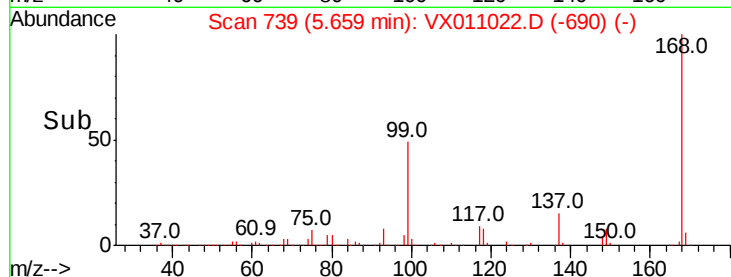
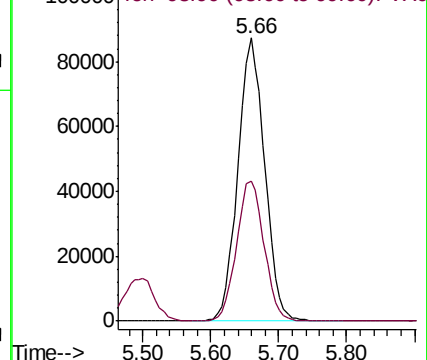
MMDadoda

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 18.520 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX011022.D

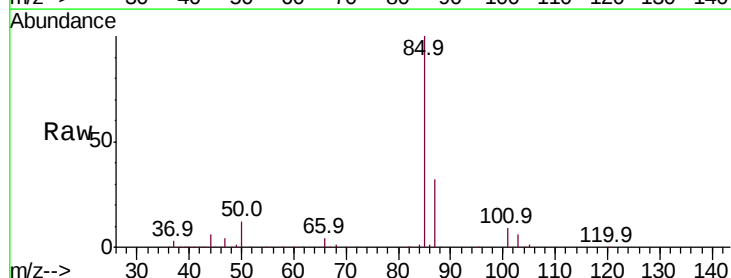
Acq: 22 Jul 2019 11:56

Tgt Ion: 85 Resp: 46074

Ion Ratio Lower Upper

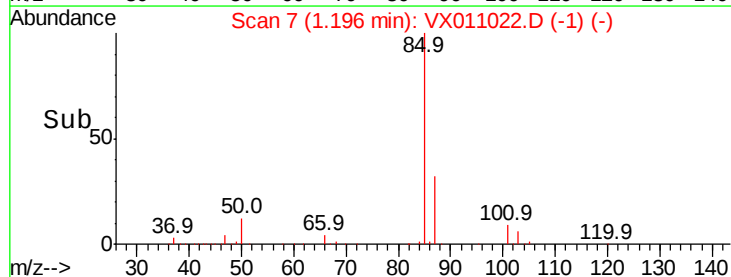
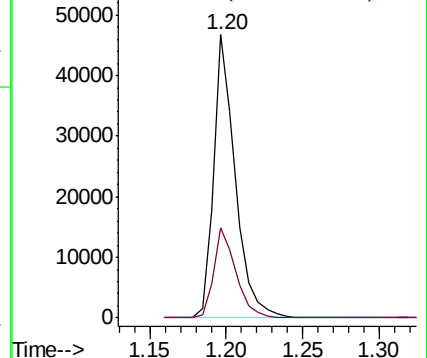
85 100

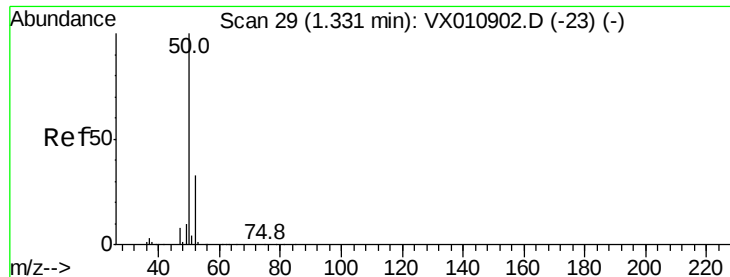
87 31.8 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 18.082 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.01 min

Lab File: VX011022.D

Acq: 22 Jul 2019 11:56

Instrument :

MSVOA_X

ClientSampleId :

VX0722WBS01

Tot Ion: 50 Resp: 39537

Ion Ratio Lower Upper

50 100

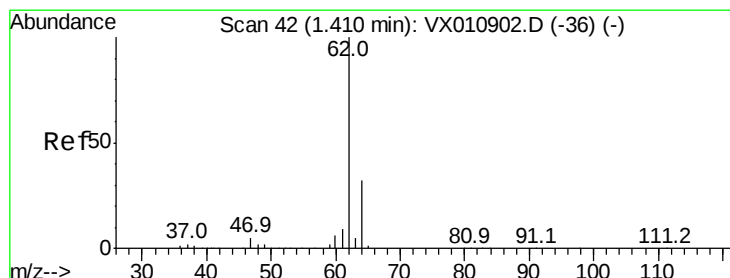
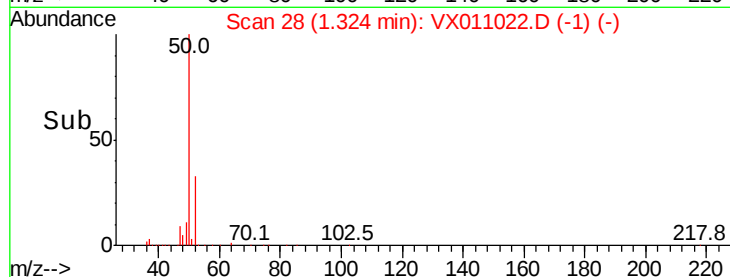
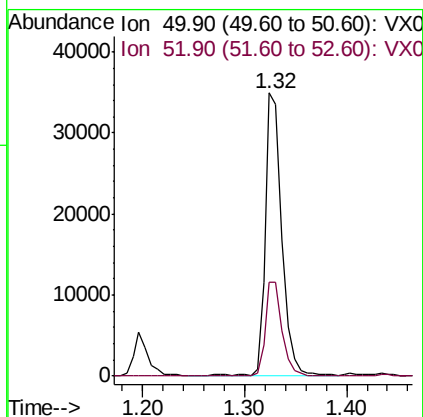
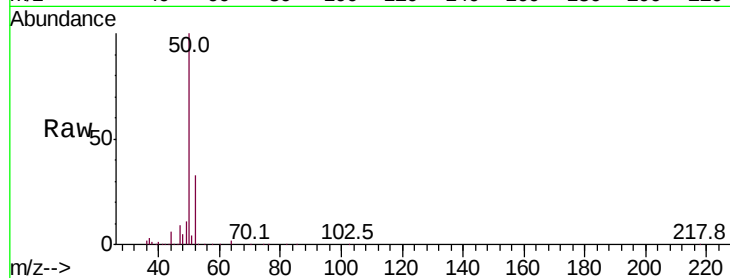
52 33.1 26.4 39.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 18.541 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX011022.D

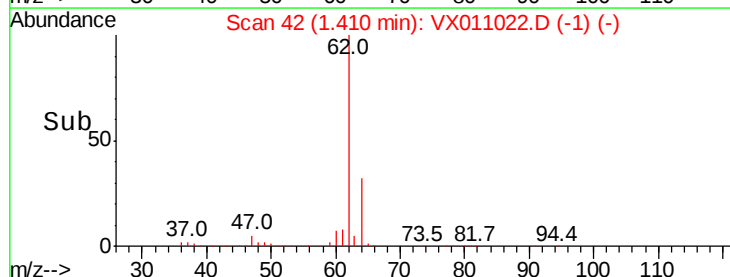
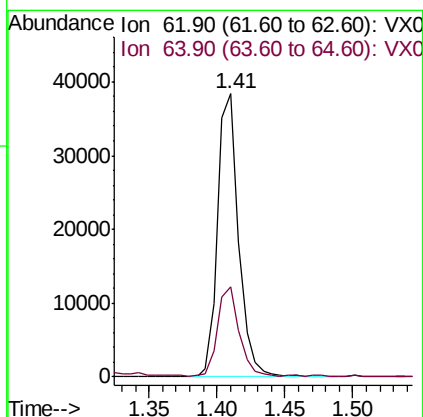
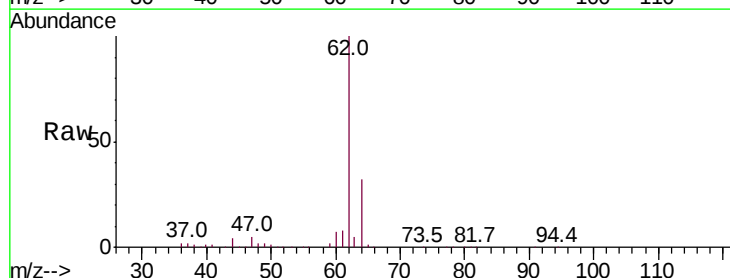
Acq: 22 Jul 2019 11:56

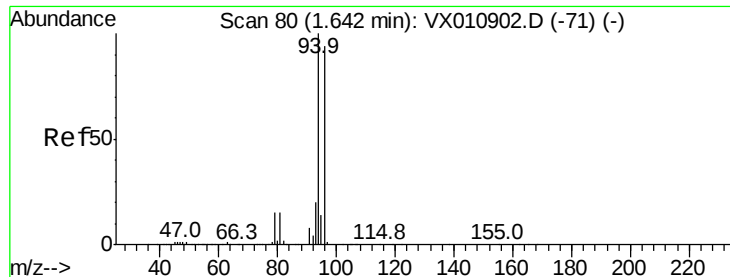
Tgt Ion: 62 Resp: 41353

Ion Ratio Lower Upper

62 100

64 31.7 25.7 38.5





#5

Bromomethane

Concen: 19.478 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX011022.D

Acq: 22 Jul 2019 11:56

Instrument :

MSVOA_X

ClientSampleId :

VX0722WBS01

Tot Ion: 94 Resp: 24481

Ion Ratio Lower Upper

94 100

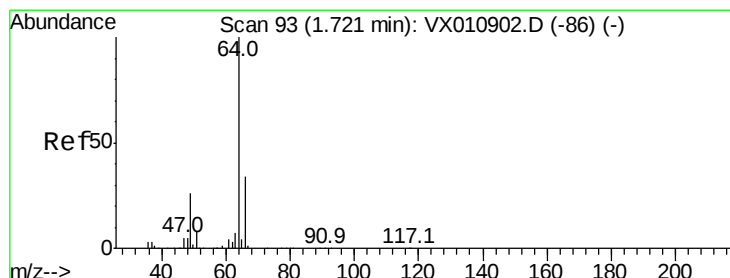
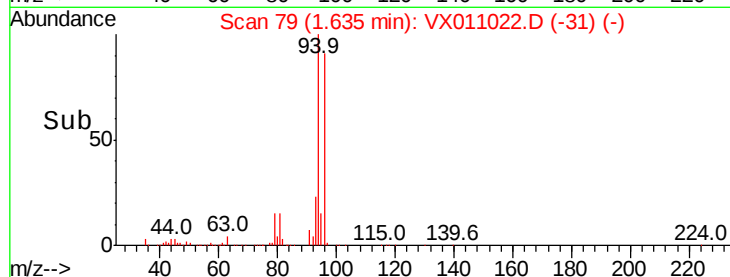
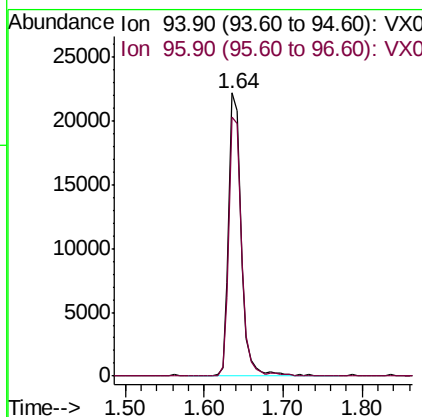
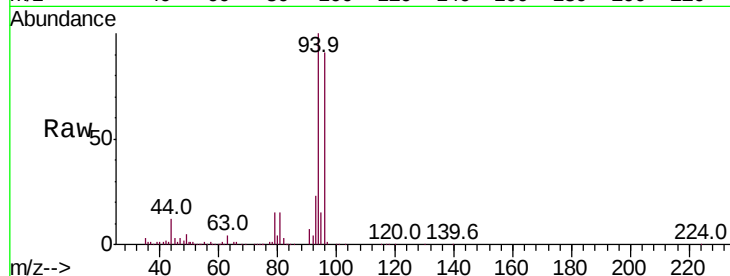
96 91.3 75.6 113.4

Manual Integrations

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#6

Chloroethane

Concen: 18.375 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX011022.D

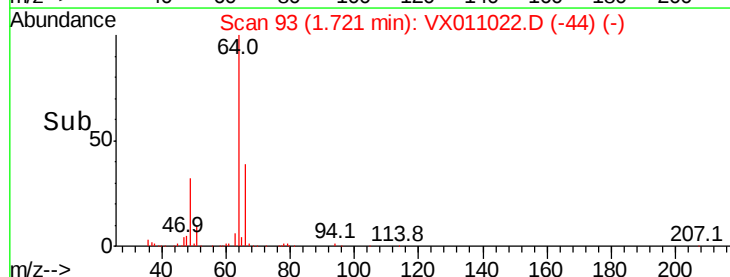
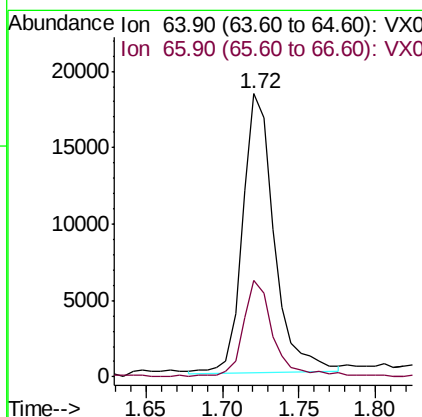
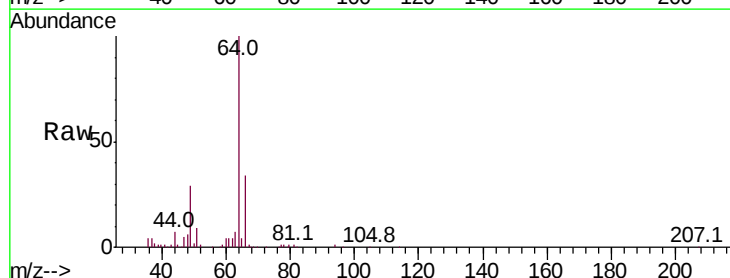
Acq: 22 Jul 2019 11:56

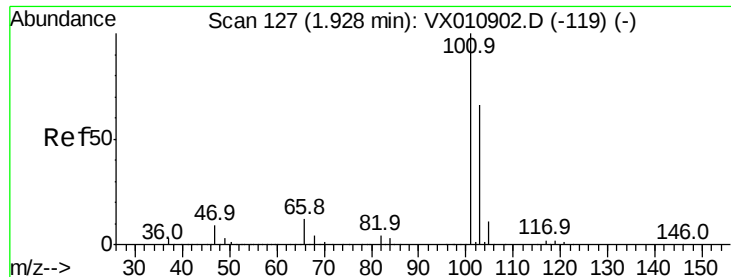
Tgt Ion: 64 Resp: 26044

Ion Ratio Lower Upper

64 100

66 34.6 27.0 40.6





#7

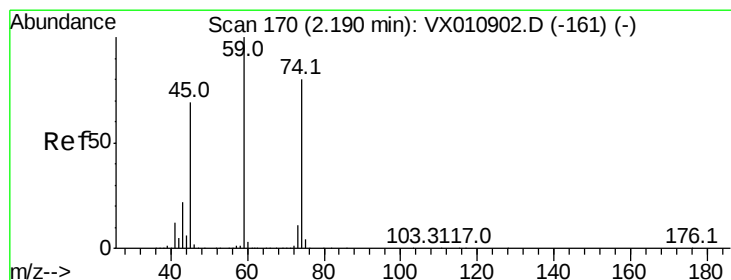
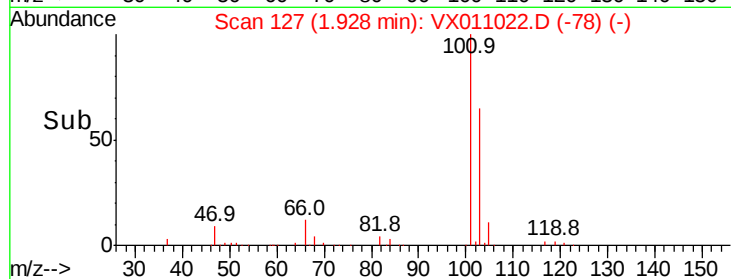
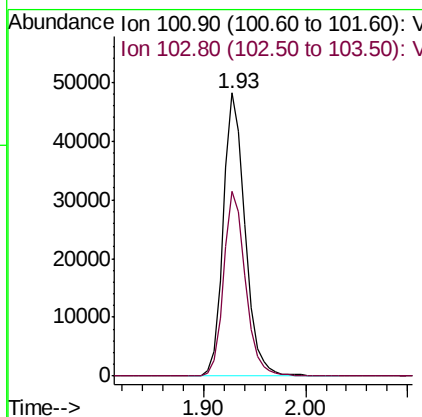
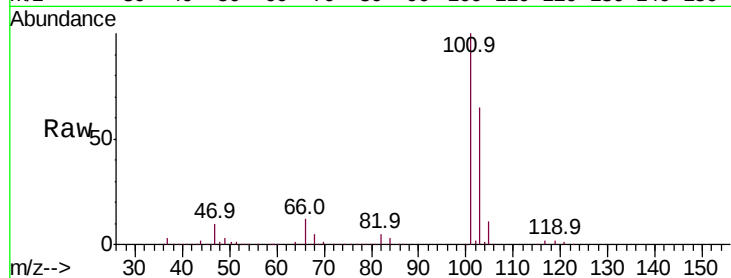
Trichlorofluoromethane
Concen: 18.868 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX011022.D
Acq: 22 Jul 2019 11:56

Instrument :
MSVOA_X
ClientSampleId :
VX0722WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.2	52.6	78.8

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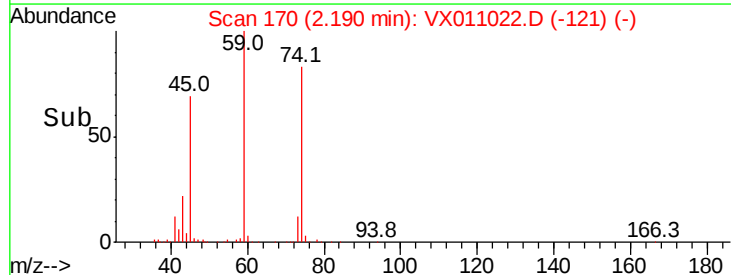
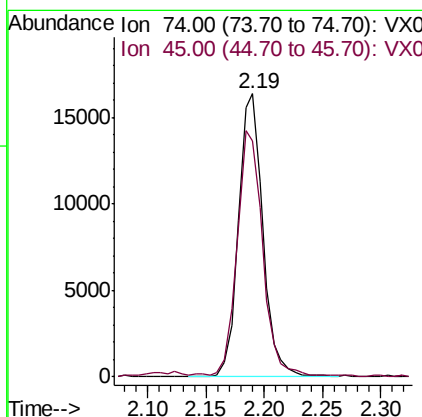
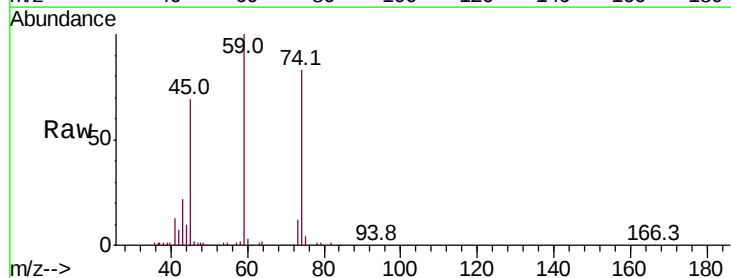
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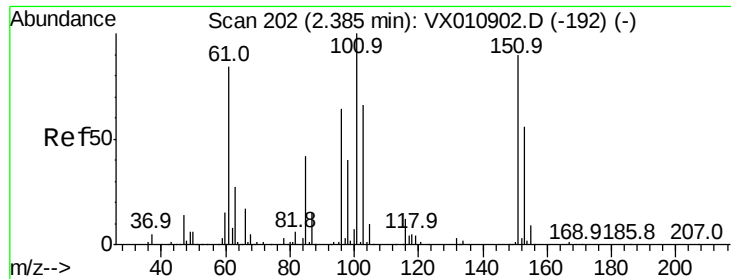


#8

Diethyl Ether
Concen: 18.341 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX011022.D
Acq: 22 Jul 2019 11:56

Tgt Ion	Ratio	Lower	Upper
74	100		
45	93.3	45.5	136.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.008 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX011022.D

Acq: 22 Jul 2019 11:56

Instrument :

MSVOA_X

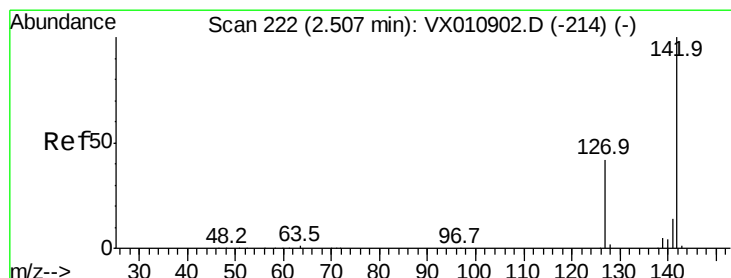
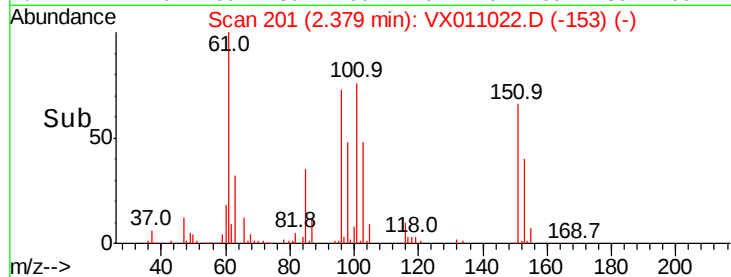
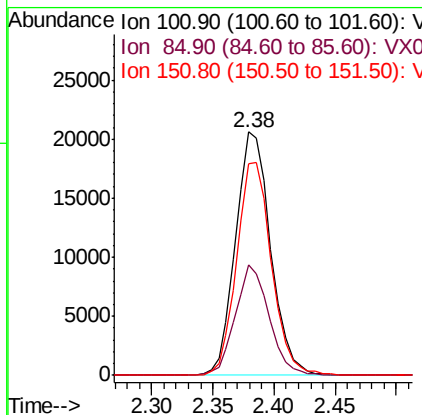
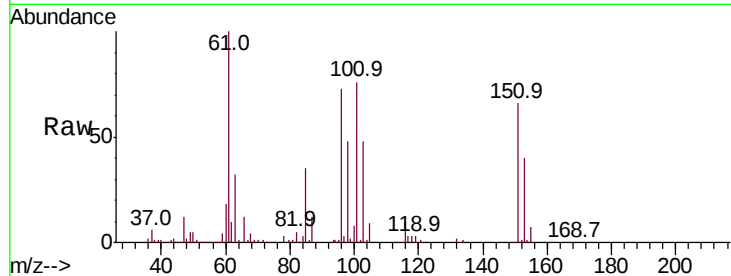
ClientSampleId :

VX0722WBS01

Tot Ion:	101	Resp:	40974
Ion Ratio	Lower	Upper	
101	100		
85	43.7	34.6	52.0
151	87.1	69.6	104.4

Manual Integrations
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#10

Methyl Iodide

Concen: 14.872 ug/l

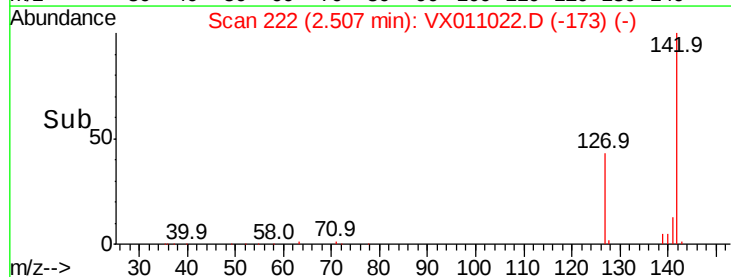
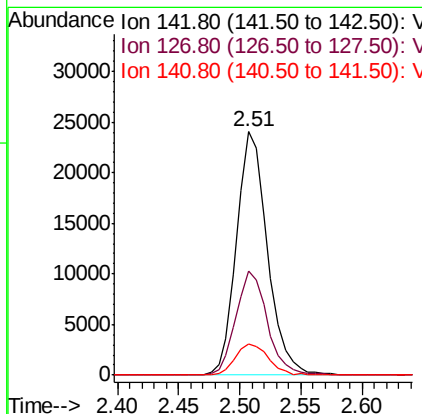
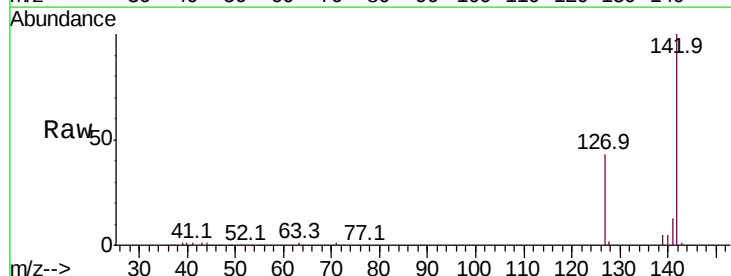
RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX011022.D

Acq: 22 Jul 2019 11:56

Tgt Ion:	142	Resp:	42070
Ion Ratio	Lower	Upper	
142	100		
127	43.2	34.2	51.4
141	13.8	11.7	17.5





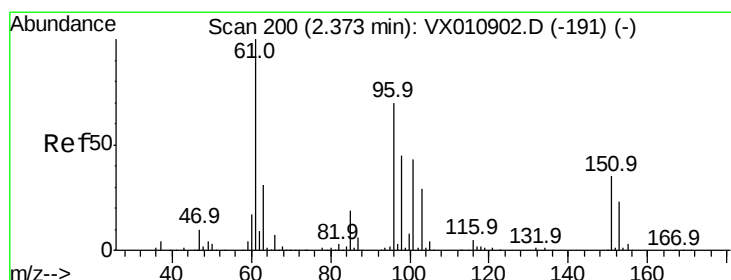
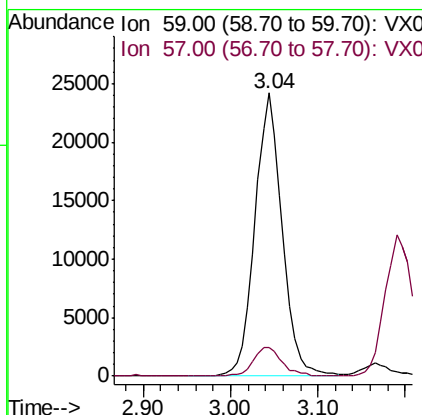
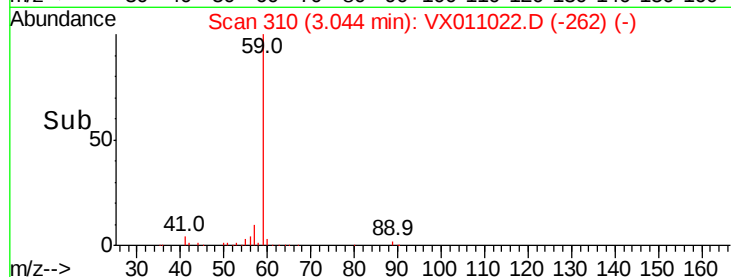
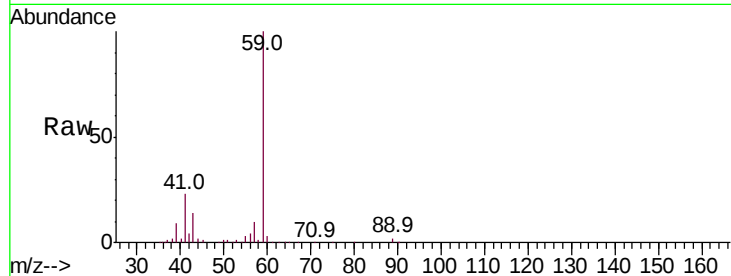
#11
Tert butyl alcohol
Concen: 89.193 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX011022.D
Acq: 22 Jul 2019 11:56

Instrument :
MSVOA_X
ClientSampleId :
VX0722WBS01

Tot Ion: 59 Resp: 52545
Ion Ratio Lower Upper
59 100
57 10.6 7.9 11.9

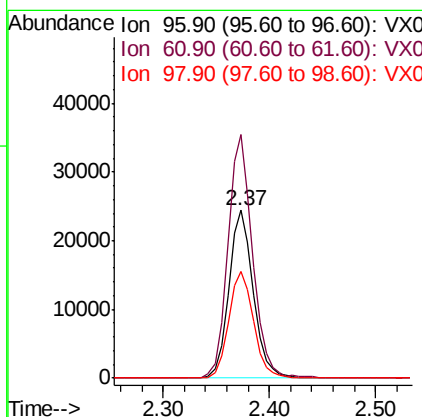
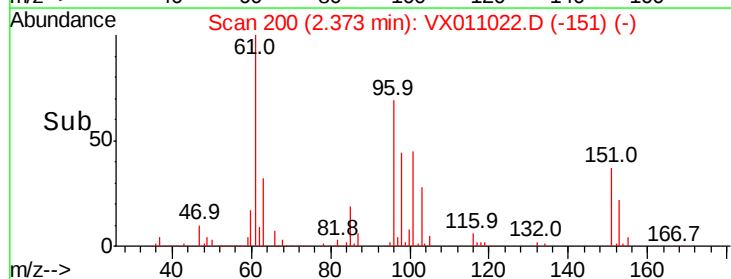
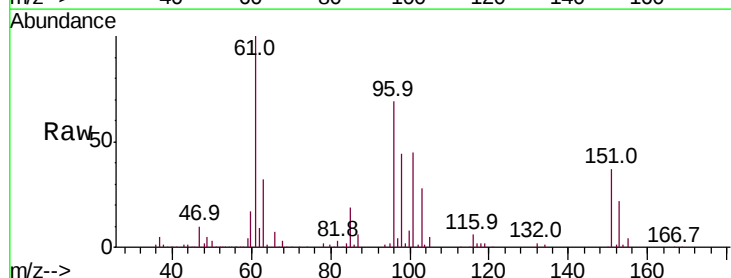
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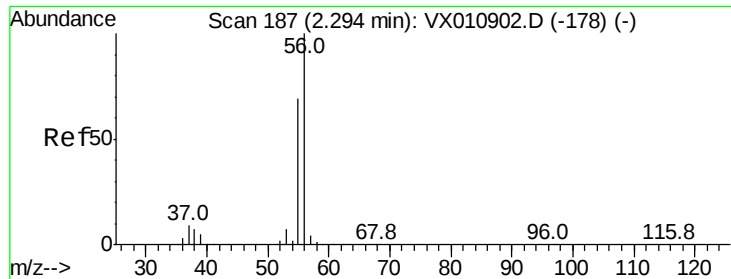
MMDadoda
7/23/2019 11:09:17 AM



#12
1,1-Dichloroethene
Concen: 18.531 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX011022.D
Acq: 22 Jul 2019 11:56

Tgt Ion: 96 Resp: 39248
Ion Ratio Lower Upper
96 100
61 145.0 115.0 172.4
98 63.7 52.2 78.2





#13

Acrolein

Concen: 72.339 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX011022.D

Acq: 22 Jul 2019 11:56

Instrument :

MSVOA_X

ClientSampleId :

VX0722WBS01

Tot Ion: 56 Resp: 24622

Ion Ratio Lower Upper

56 100

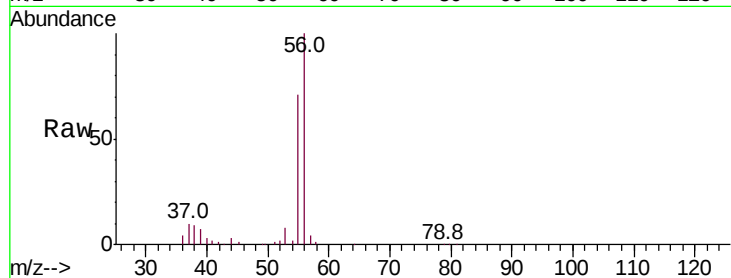
55 69.6 55.9 83.9

Manual Integrations

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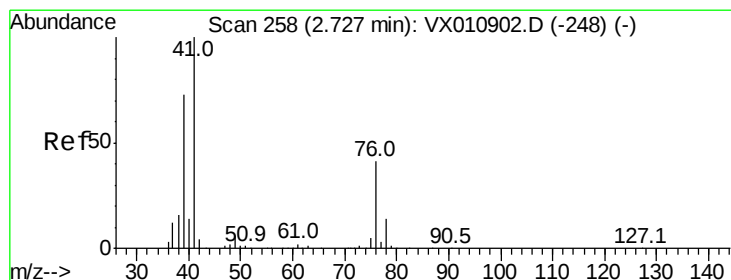
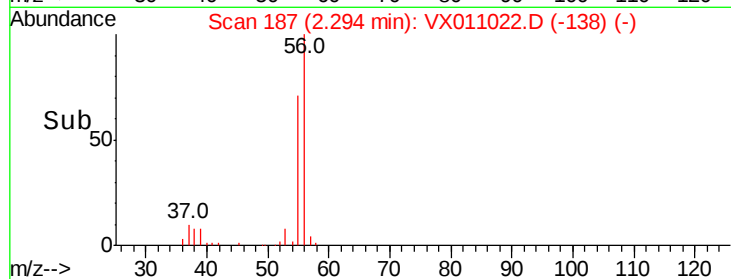
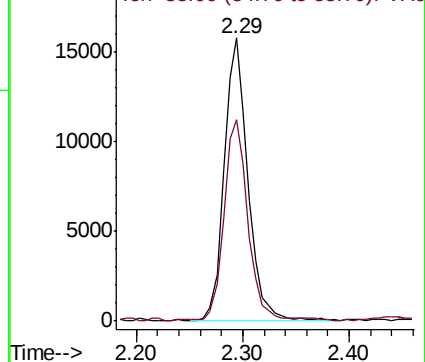
MMDadoda

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 18.434 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX011022.D

Acq: 22 Jul 2019 11:56

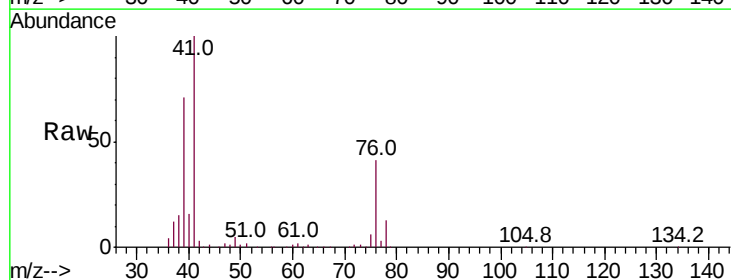
Tgt Ion: 41 Resp: 56710

Ion Ratio Lower Upper

41 100

39 66.9 53.6 80.4

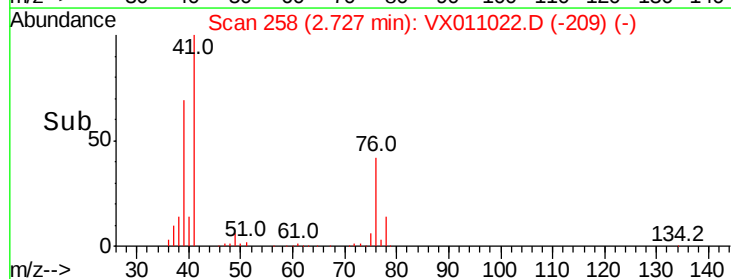
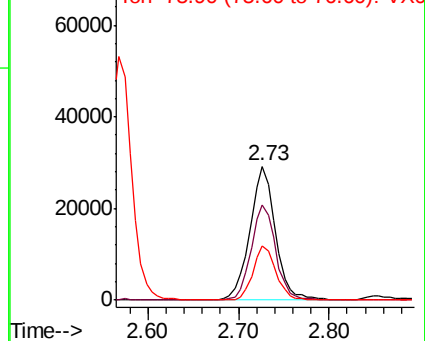
76 36.8 29.7 44.5

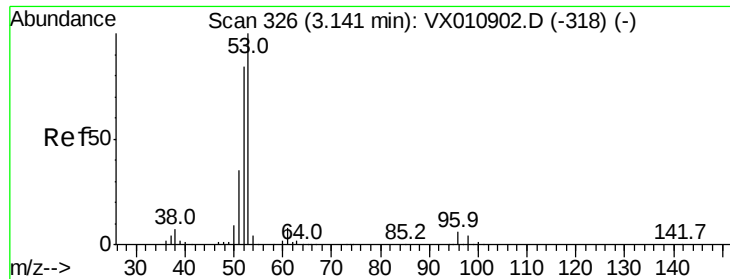


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 92.508 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX011022.D

Acq: 22 Jul 2019 11:56

Instrument :

MSVOA_X

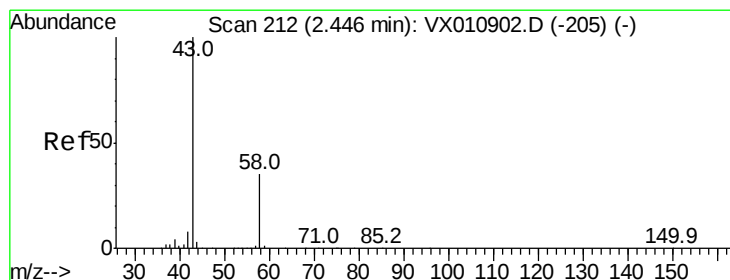
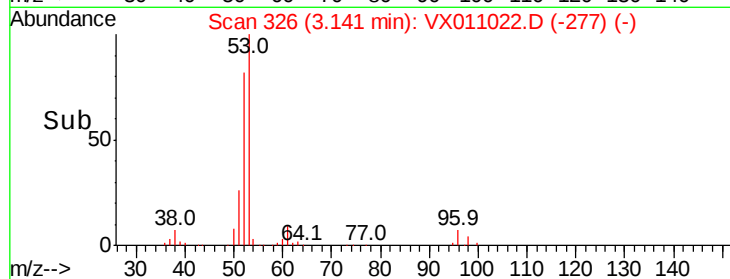
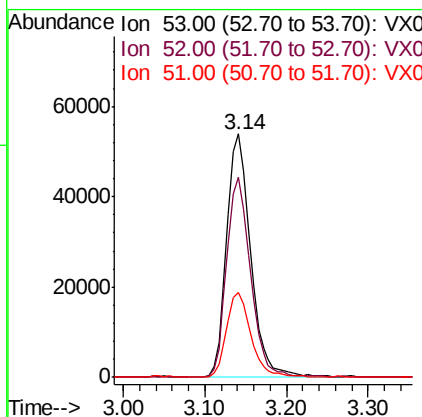
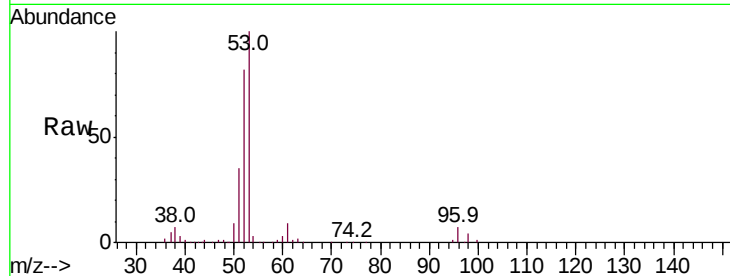
ClientSampleId :

VX0722WBS01

Tot Ion:	53	Resp:	110124
Ion Ratio	Lower	Upper	
53	100		
52	81.8	66.5	99.7
51	35.8	28.2	42.4

Manual Integrations
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#16

Acetone

Concen: 88.652 ug/l

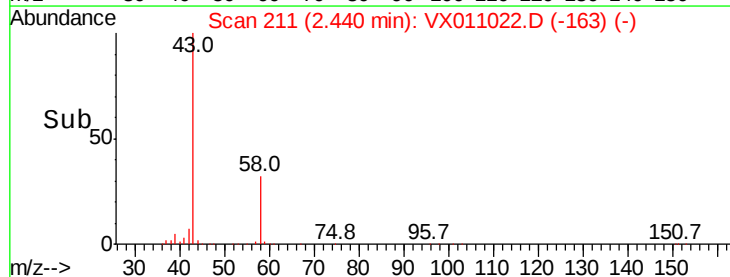
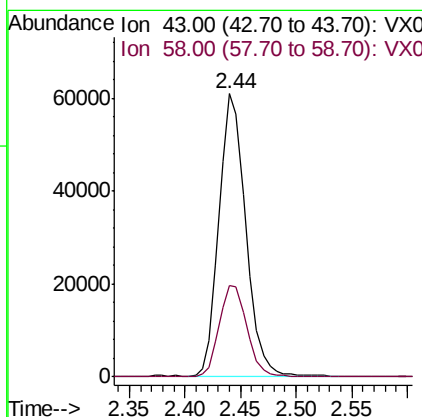
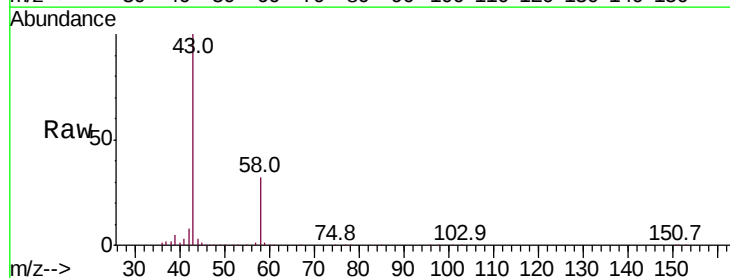
RT: 2.44 min Scan# 211

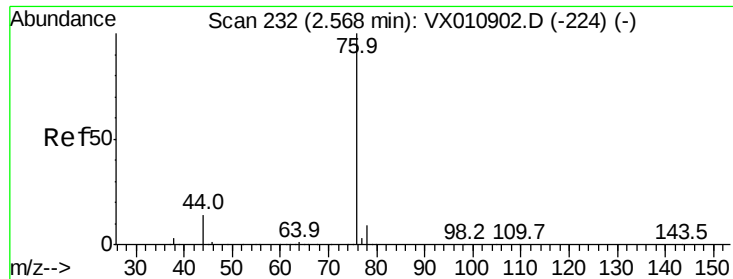
Delta R.T. -0.01 min

Lab File: VX011022.D

Acq: 22 Jul 2019 11:56

Tgt Ion:	43	Resp:	101283
Ion Ratio	Lower	Upper	
43	100		
58	32.2	27.7	41.5





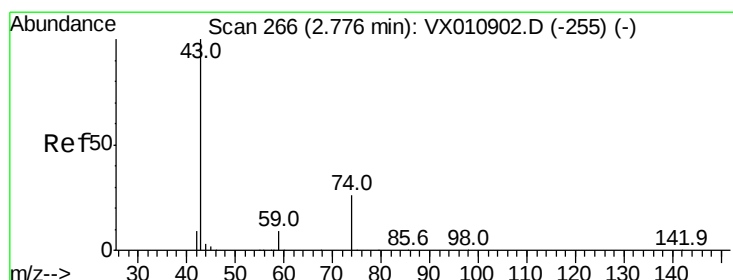
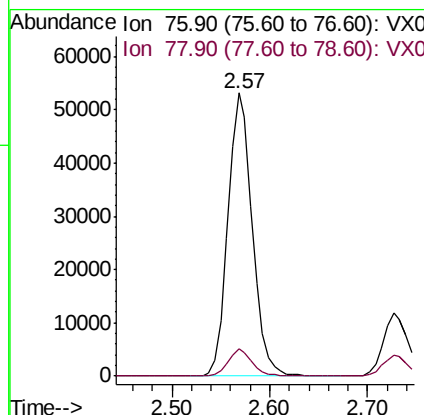
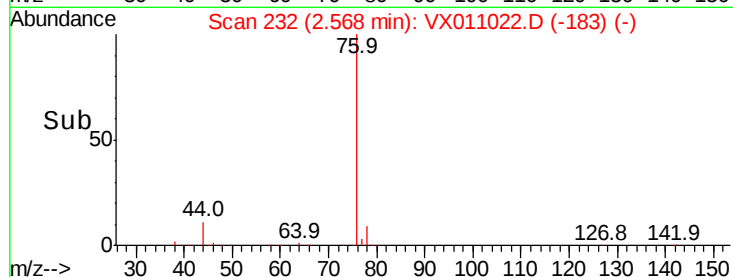
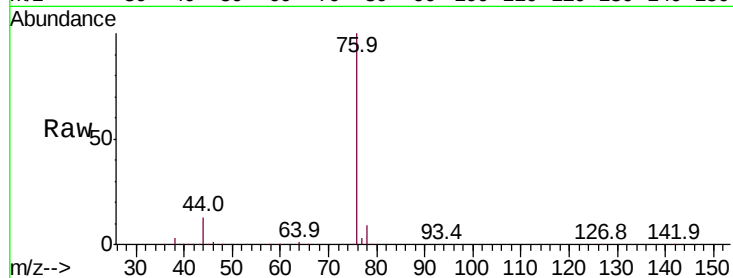
#17
Carbon Disulfide
Concen: 16.829 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX011022.D
Acq: 22 Jul 2019 11:56

Instrument :
MSVOA_X
ClientSampleId :
VX0722WBS01

Tot Ion: 76 Resp: 91428
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.0

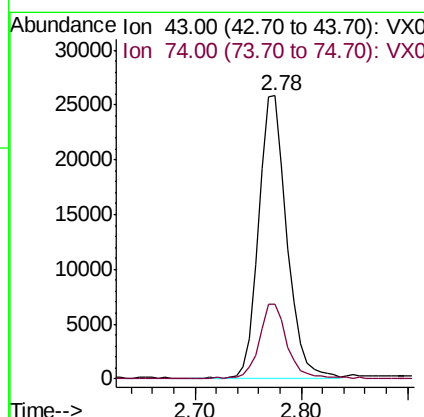
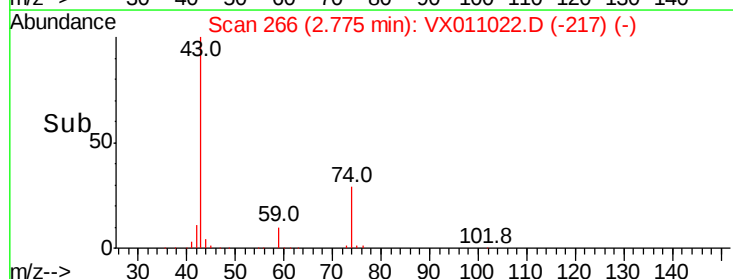
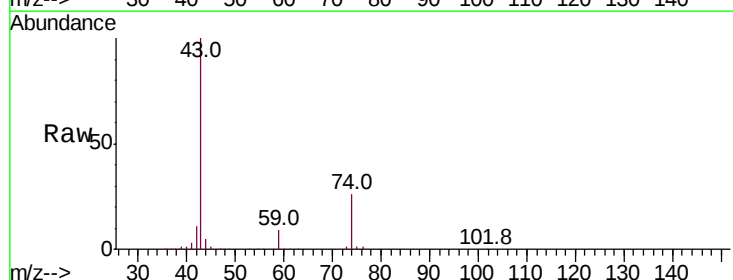
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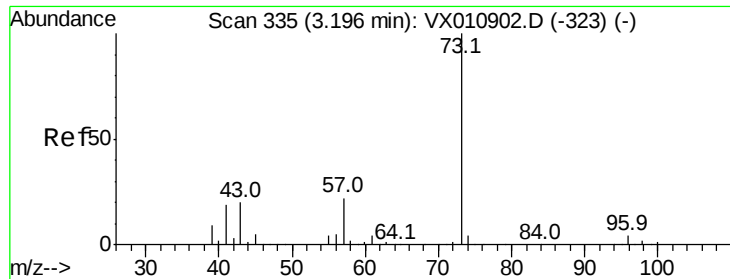
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#18
Methyl Acetate
Concen: 18.601 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX011022.D
Acq: 22 Jul 2019 11:56

Tgt Ion: 43 Resp: 48389
Ion Ratio Lower Upper
43 100
74 26.6 21.5 32.3





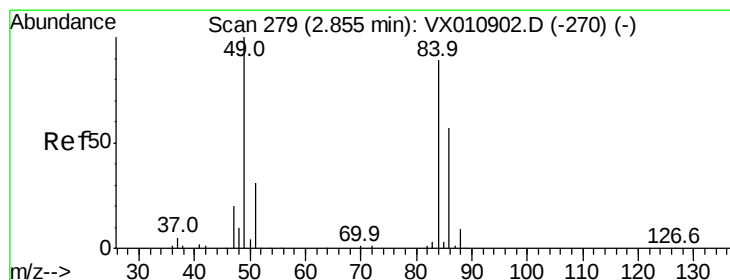
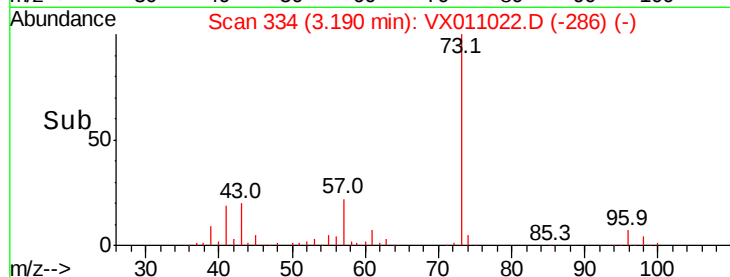
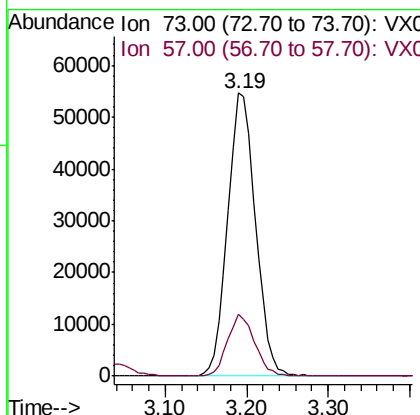
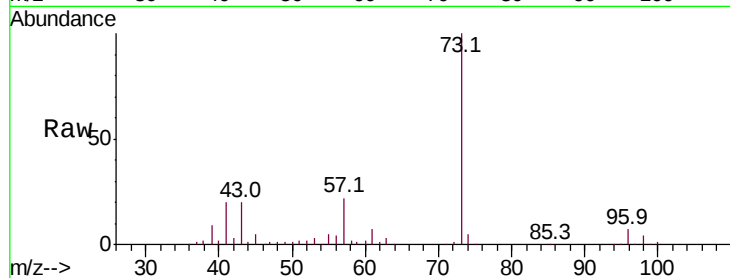
#19
Methvl tert-butvl Ether
Concen: 18.892 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.01 min
Lab File: VX011022.D
Acq: 22 Jul 2019 11:56

Instrument :
MSVOA_X
ClientSampleId :
VX0722WBS01

Tot Ion: 73 Resp: 128804
Ion Ratio Lower Upper
73 100
57 22.1 17.3 25.9

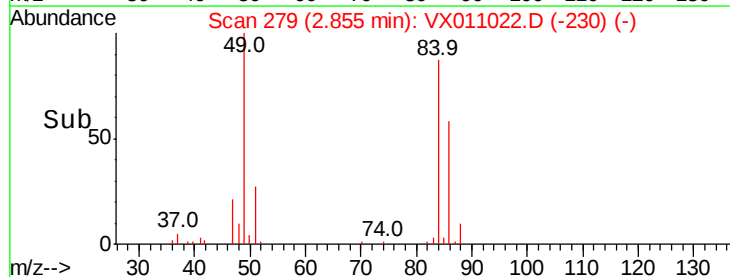
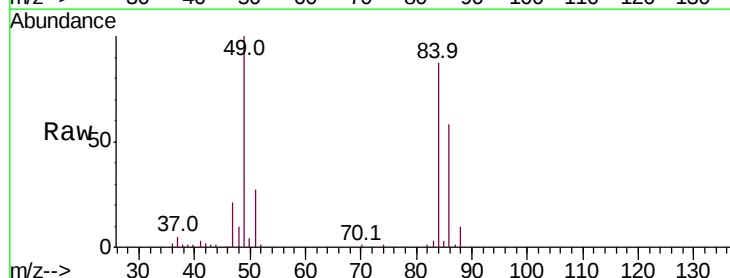
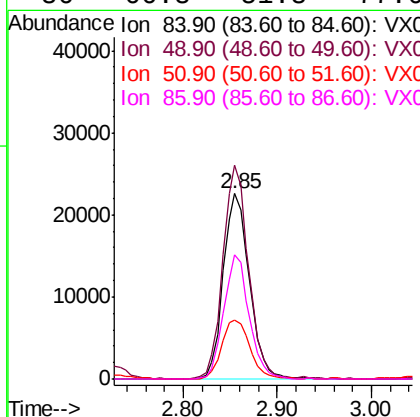
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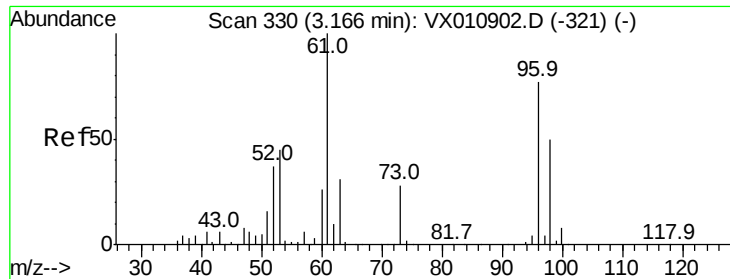
MMDadoda
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#20
Methylene Chloride
Concen: 17.955 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX011022.D
Acq: 22 Jul 2019 11:56

Tgt Ion: 84 Resp: 43472
Ion Ratio Lower Upper
84 100
49 115.1 89.9 134.9
51 31.4 27.8 41.6
86 66.8 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 18.545 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX011022.D

Acq: 22 Jul 2019 11:56

Instrument :

MSVOA_X

ClientSampleId :

VX0722WBS01

Tot Ion: 96 Resp: 41676

Ion Ratio Lower Upper

96 100

61 119.4 104.2 156.2

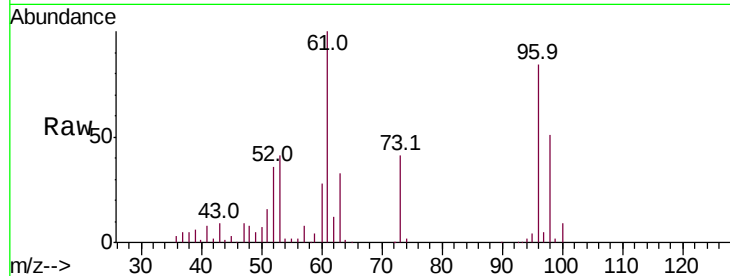
98 61.0 52.2 78.4

Manual Integrations

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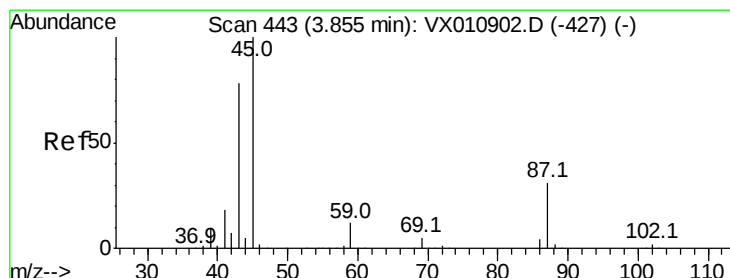
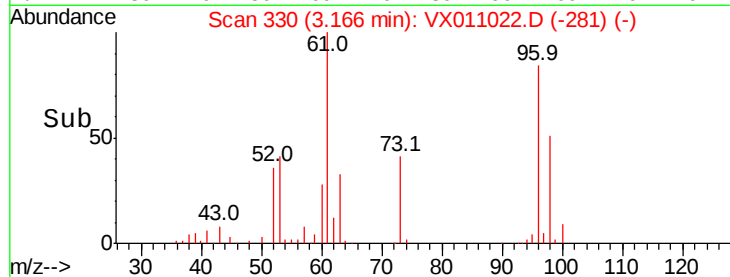
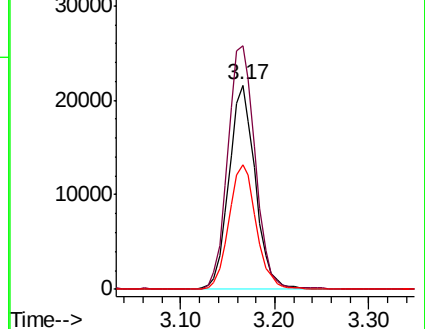
7/23/2019 11:09:17 AM



Abundance Ion 95.90 (95.60 to 96.60): VX011022.D (-321) (-)

Ion 60.90 (60.60 to 61.60): VX011022.D (-321) (-)

Ion 97.90 (97.60 to 98.60): VX011022.D (-321) (-)



#22

Diisopropyl ether

Concen: 18.562 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX011022.D

Acq: 22 Jul 2019 11:56

Tgt Ion: 45 Resp: 120435

Ion Ratio Lower Upper

45 100

43 74.0 62.3 93.5

87 31.4 25.0 37.4

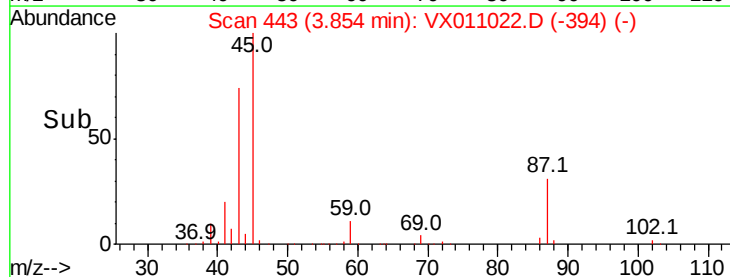
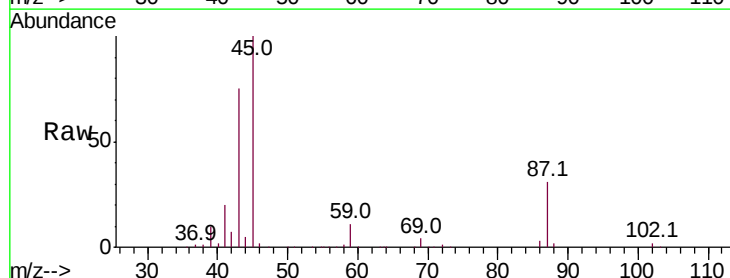
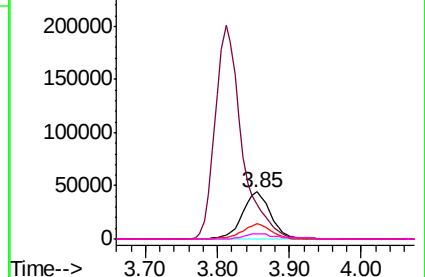
59 11.3 9.9 14.9

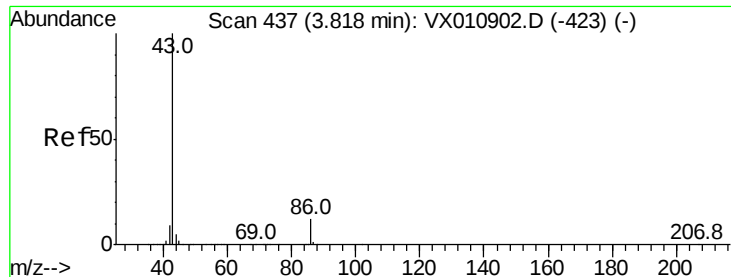
Abundance Ion 45.00 (44.70 to 45.70): VX011022.D (-394) (-)

Ion 43.00 (42.70 to 43.70): VX011022.D (-394) (-)

Ion 87.00 (86.70 to 87.70): VX011022.D (-394) (-)

Ion 59.00 (58.70 to 59.70): VX011022.D (-394) (-)





#23

Vinyl Acetate

Concen: 94.260 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX011022.D

Acq: 22 Jul 2019 11:56

Instrument :

MSVOA_X

ClientSampleId :

VX0722WBS01

Tot Ion: 43 Resp: 518194

Ion Ratio Lower Upper

43 100

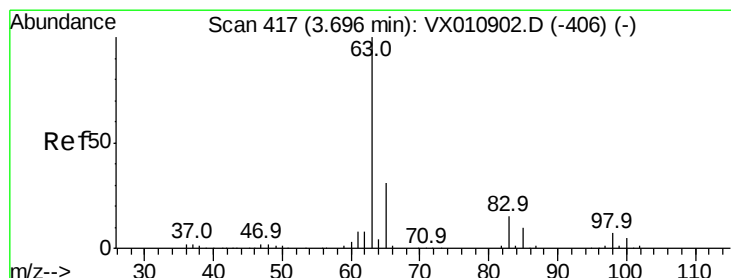
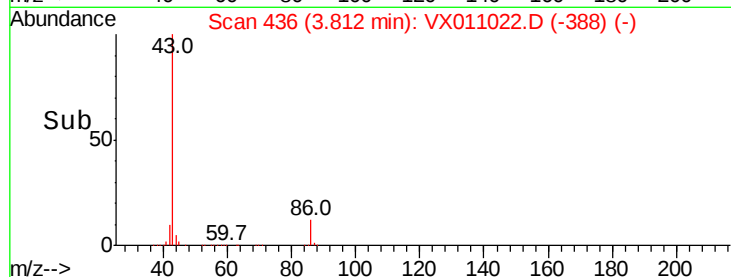
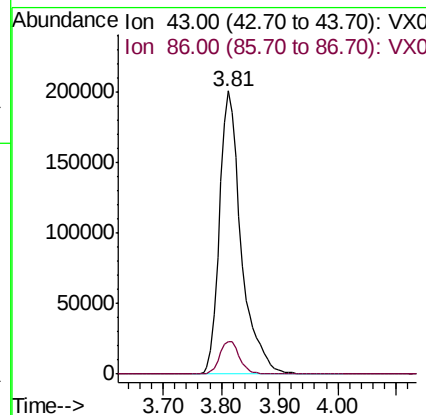
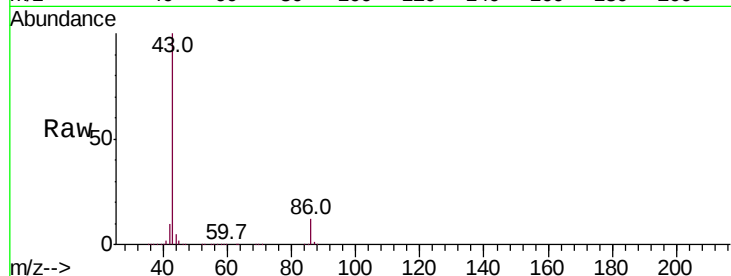
86 11.7 9.4 14.0

Manual Integrations

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MMDadoda

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#24

1,1-Dichloroethane

Concen: 18.560 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX011022.D

Acq: 22 Jul 2019 11:56

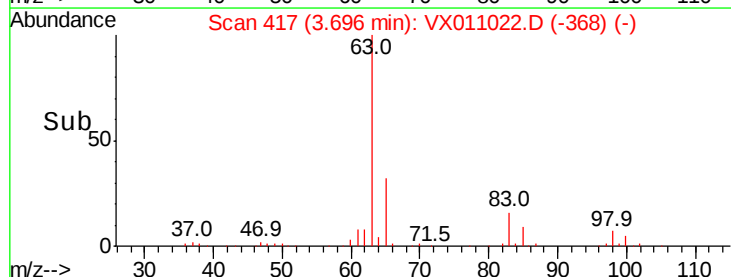
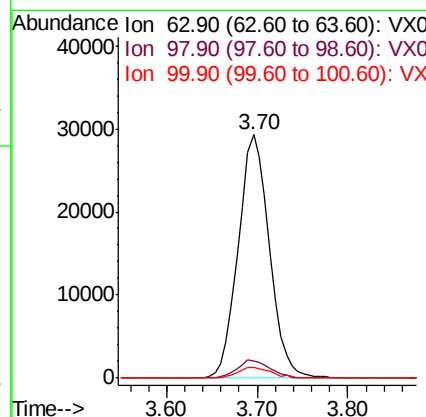
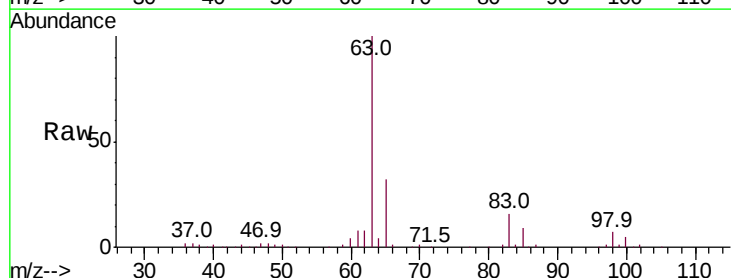
Tgt Ion: 63 Resp: 69937

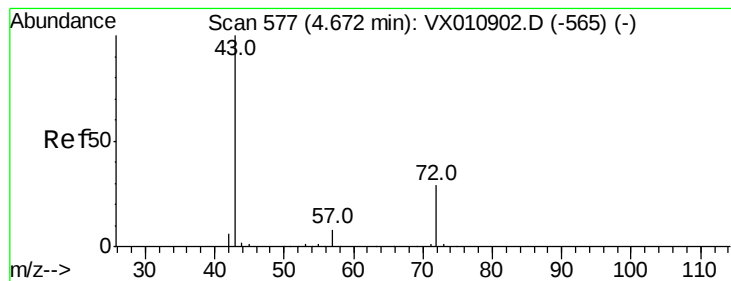
Ion Ratio Lower Upper

63 100

98 6.8 3.6 10.9

100 4.6 2.4 7.2





#25

2-Butanone

Concen: 92.732 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX011022.D

Acq: 22 Jul 2019 11:56

Instrument :

MSVOA_X

ClientSampleId :

VX0722WBS01

Tot Ion: 43 Resp: 152083

Ion Ratio Lower Upper

43 100

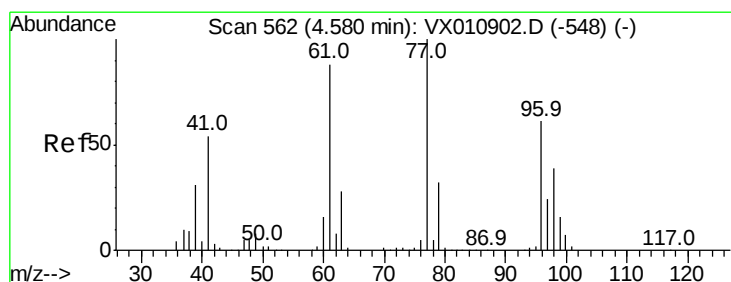
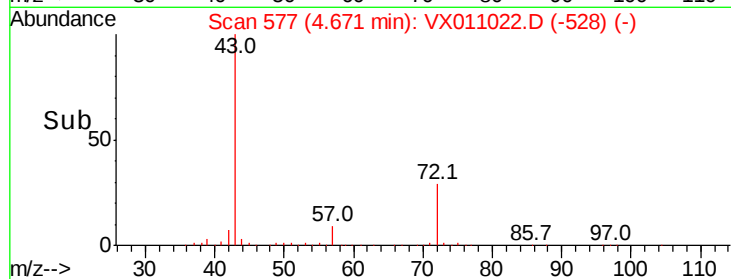
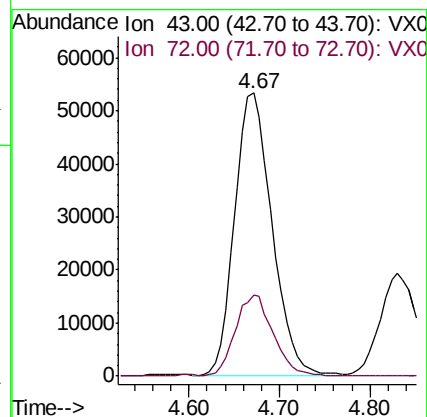
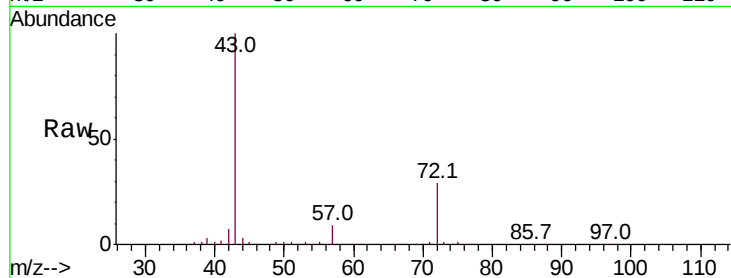
72 28.4 23.0 34.6

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#26

2,2-Dichloropropane

Concen: 18.332 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX011022.D

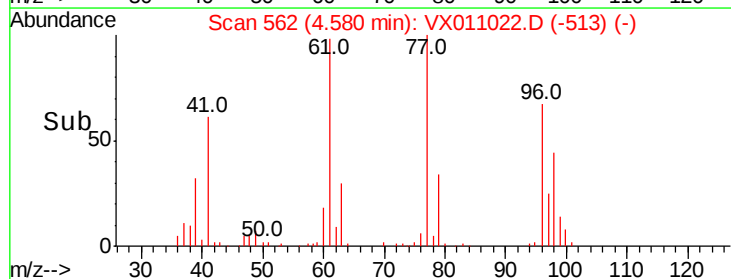
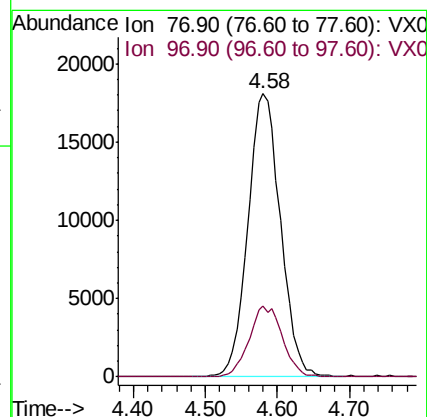
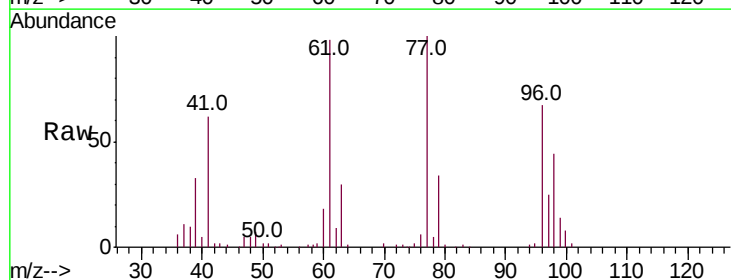
Acq: 22 Jul 2019 11:56

Tgt Ion: 77 Resp: 56717

Ion Ratio Lower Upper

77 100

97 25.7 12.6 37.6





#27

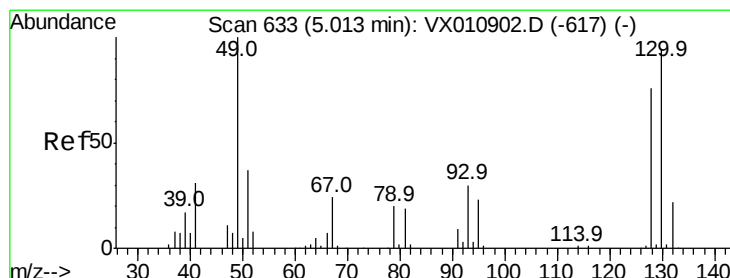
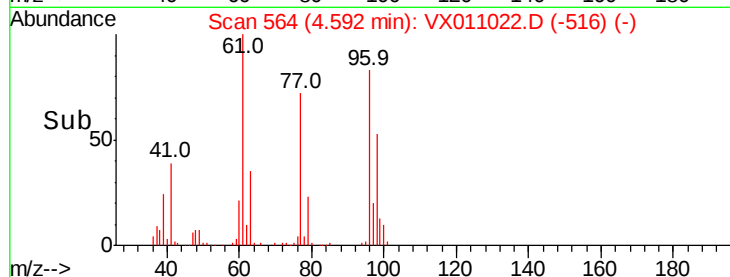
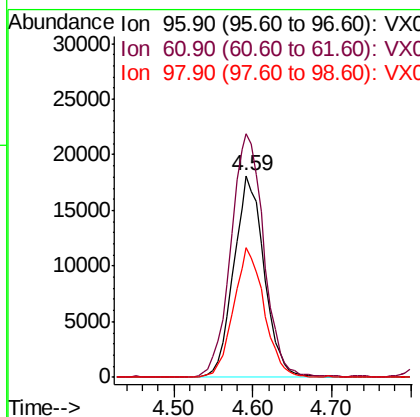
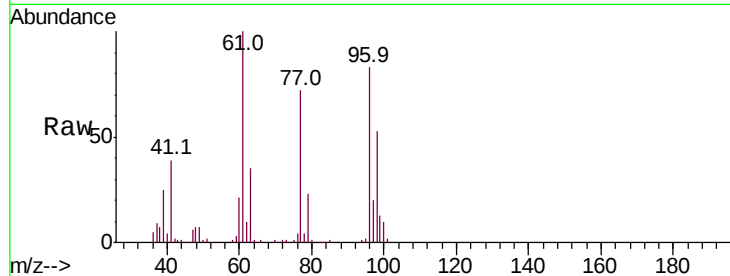
cis-1,2-Dichloroethene
Concen: 18.697 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX011022.D
Acq: 22 Jul 2019 11:56

Instrument :
MSVOA_X
ClientSampleId :
VX0722WBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	48628		
61	130.6	0.0	269.0	
98	64.6	0.0	131.4	

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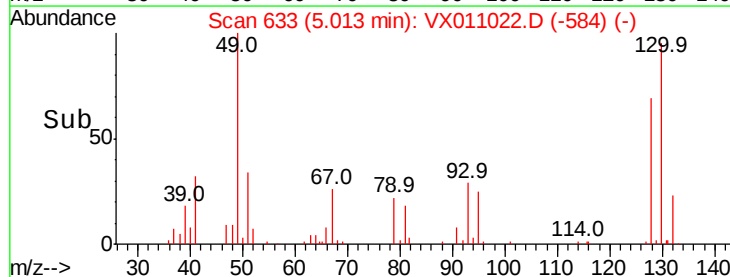
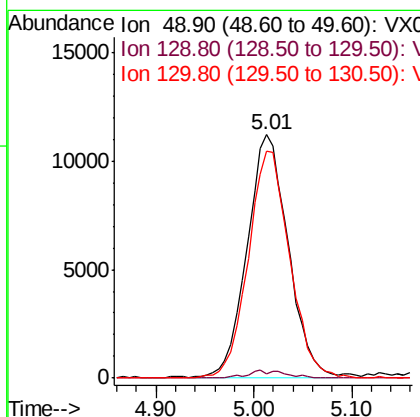
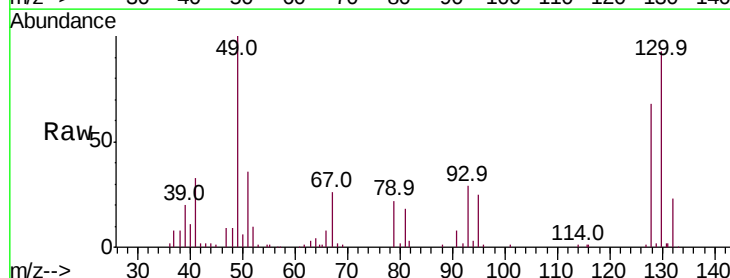
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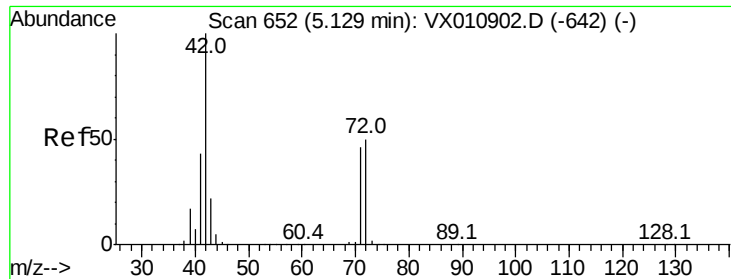


#28

Bromochloromethane
Concen: 18.501 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.00 min
Lab File: VX011022.D
Acq: 22 Jul 2019 11:56

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	32852		
129	2.8	0.0	5.2	
130	93.5	76.9	115.3	





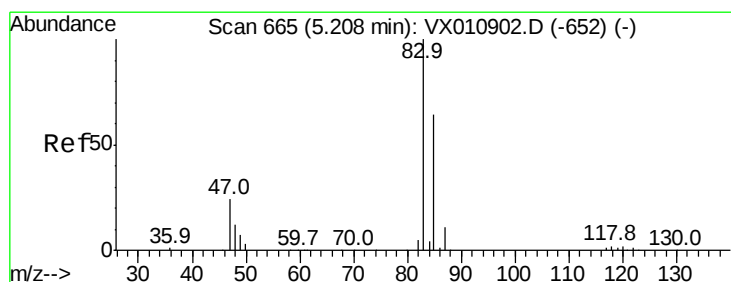
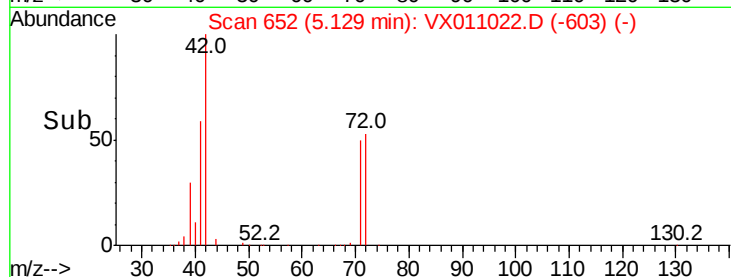
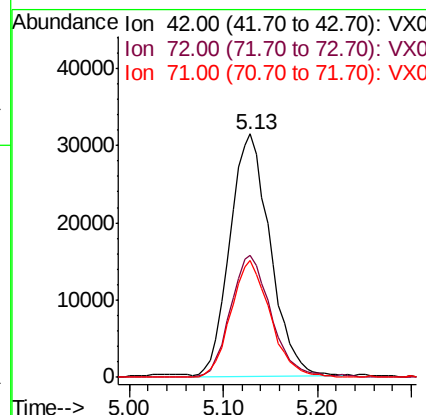
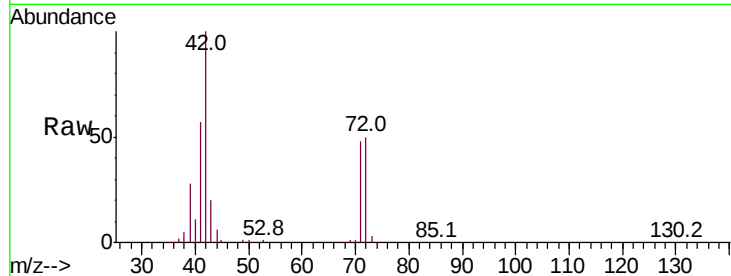
#29
Tetrahydrofuran
Concen: 89.809 ug/l
RT: 5.13 min Scan# 652
Delta R.T. -0.00 min
Lab File: VX011022.D
Acq: 22 Jul 2019 11:56

Instrument :
MSVOA_X
ClientSampleId :
VX0722WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	50.7	39.8	59.8
71	47.2	37.0	55.4

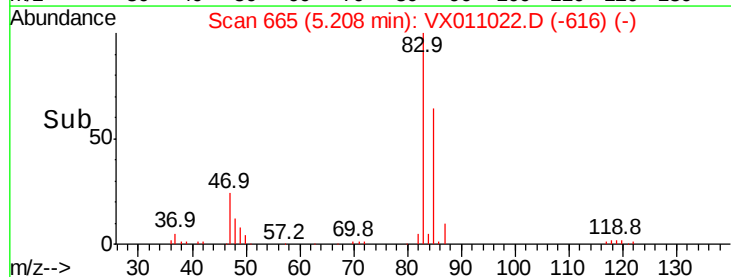
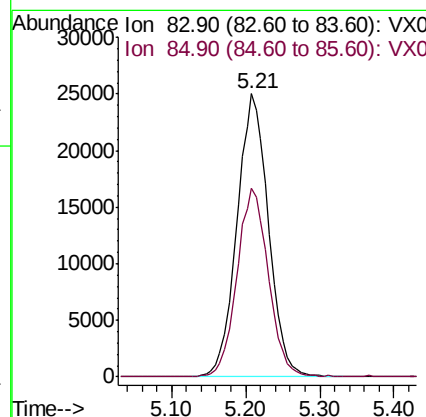
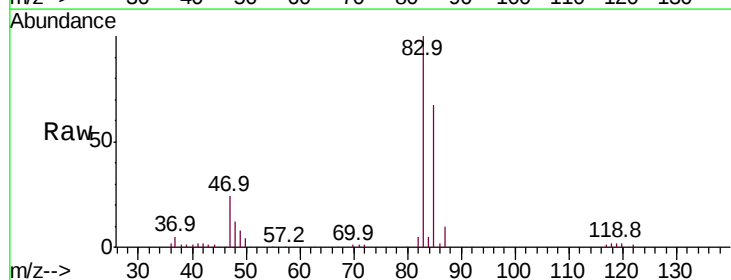
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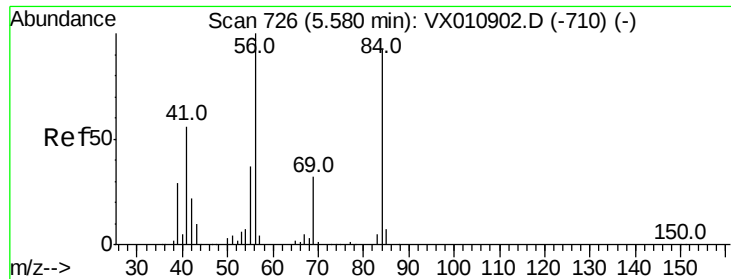
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#30
Chloroform
Concen: 18.205 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.00 min
Lab File: VX011022.D
Acq: 22 Jul 2019 11:56

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.4	51.4	77.0





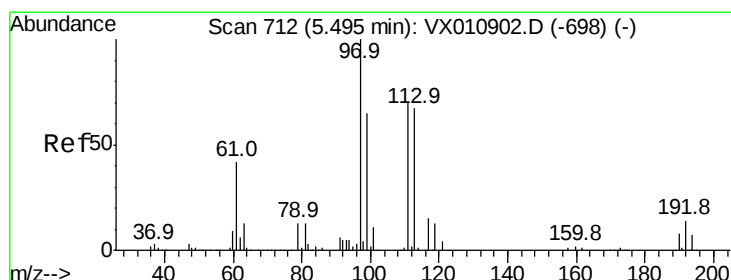
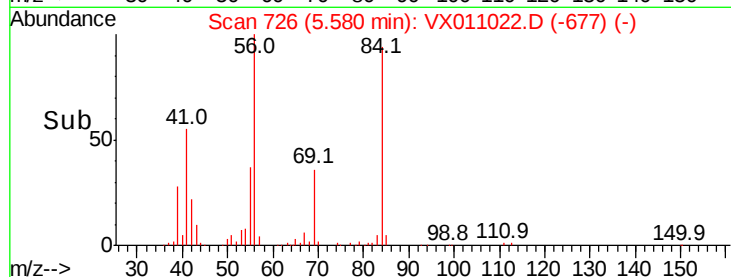
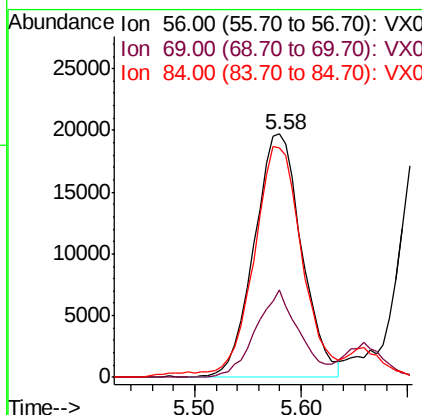
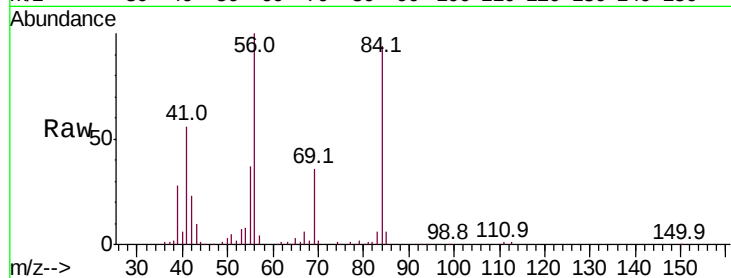
#31
Cyclohexane
Concen: 17.666 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX011022.D
Acq: 22 Jul 2019 11:56

Instrument :
MSVOA_X
ClientSampleId :
VX0722WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	35.9	25.8	38.8
84	92.5	73.8	110.6

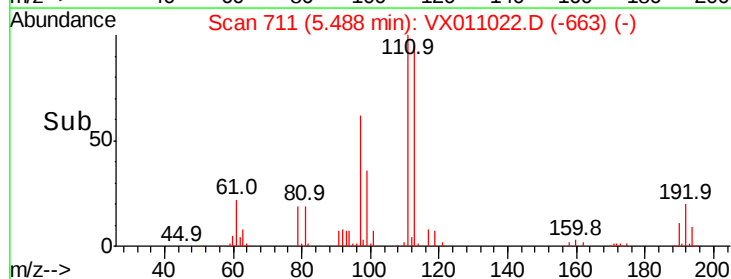
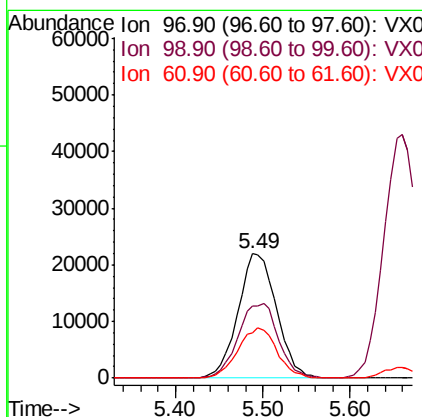
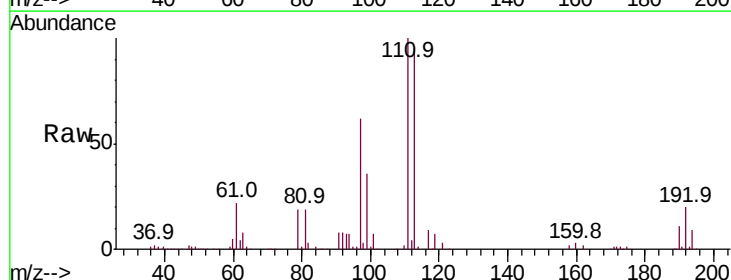
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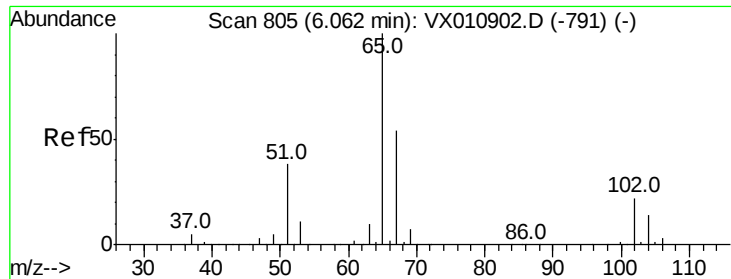
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#32
1,1,1-Trichloroethane
Concen: 19.088 ug/l
RT: 5.49 min Scan# 711
Delta R.T. -0.01 min
Lab File: VX011022.D
Acq: 22 Jul 2019 11:56

Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.6	51.4	77.0
61	41.0	33.0	49.6





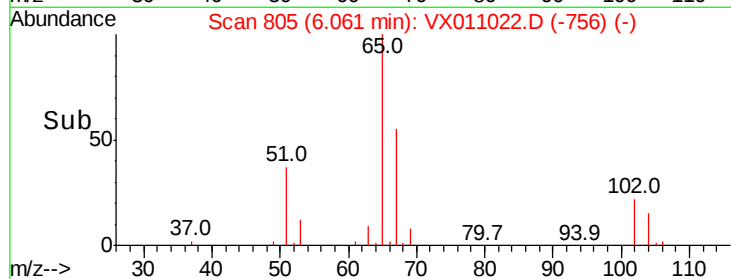
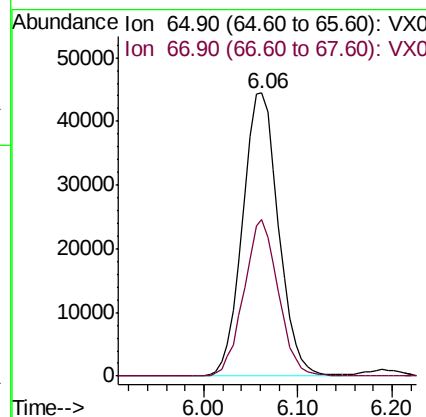
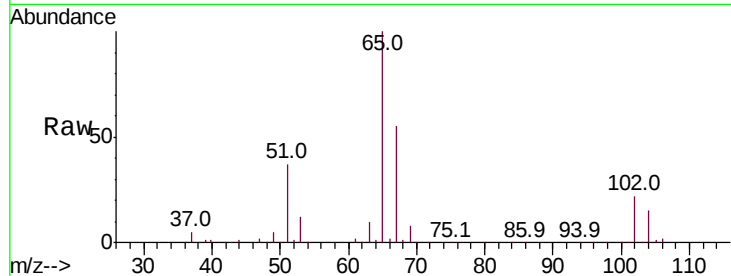
#33
 1,2-Dichloroethane-d4
 Concen: 46.975 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX011022.D
 Acq: 22 Jul 2019 11:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0722WBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	107.8

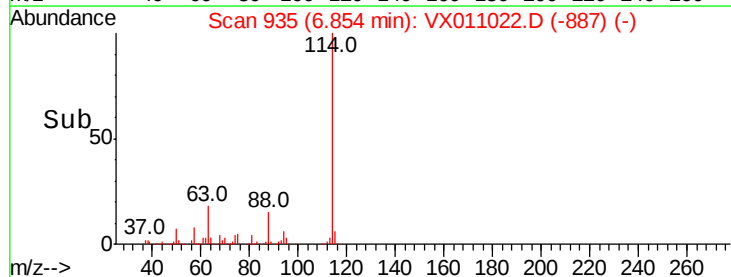
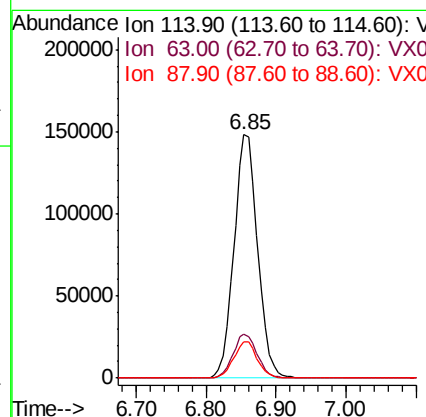
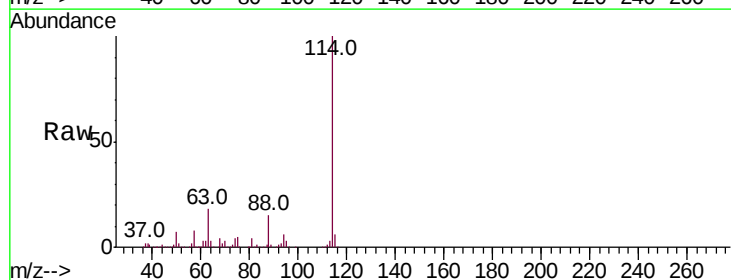
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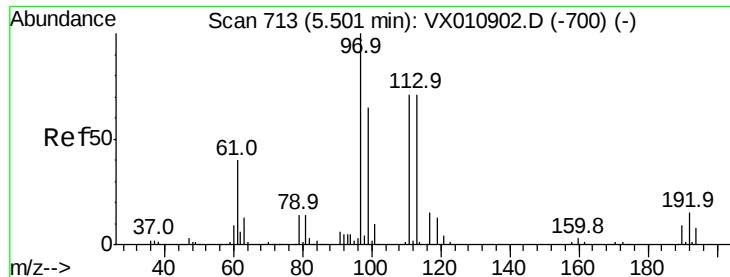
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: VX011022.D
 Acq: 22 Jul 2019 11:56

Tgt Ion	Ratio	Lower	Upper
114	100		
63	18.1	0.0	35.6
88	14.7	0.0	29.8





#35

Dibromofluoromethane

Concen: 48.675 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX011022.D

Acq: 22 Jul 2019 11:56

Instrument :

MSVOA_X

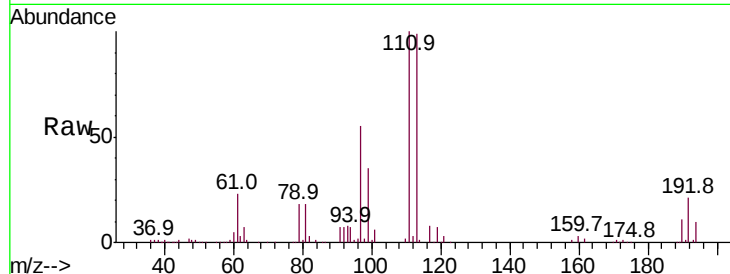
ClientSampleId :

VX0722WBS01

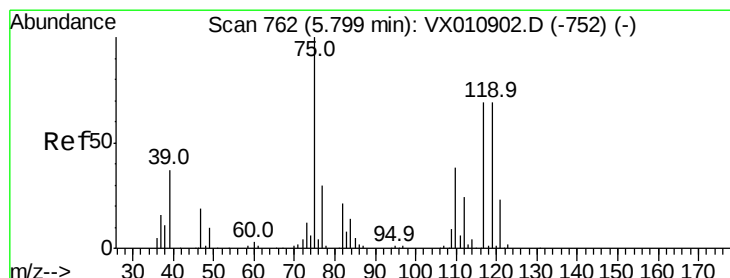
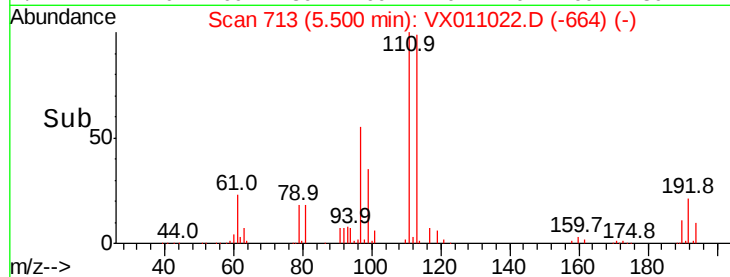
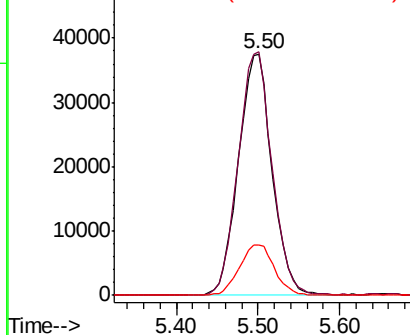
Tot Ion:	113	Resp:	107382
Ion Ratio	Lower	Upper	
113	100		
111	101.4	82.3	123.5
192	21.6	17.4	26.2

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Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.682 ug/l

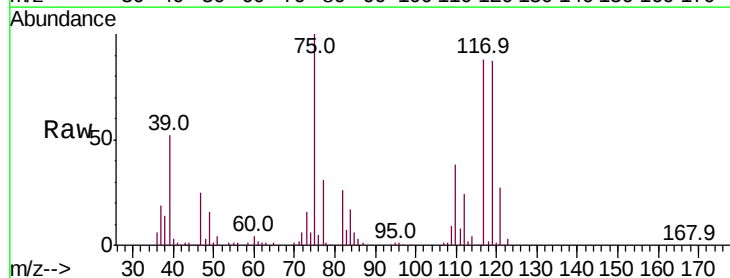
RT: 5.79 min Scan# 761

Delta R.T. -0.01 min

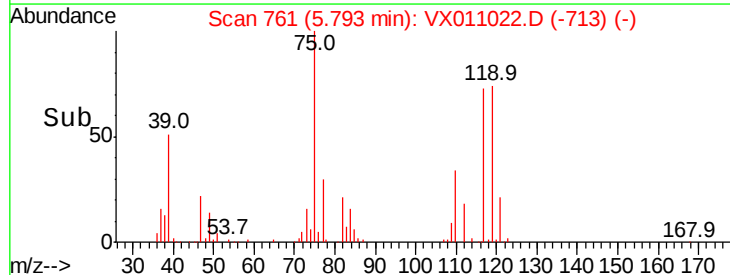
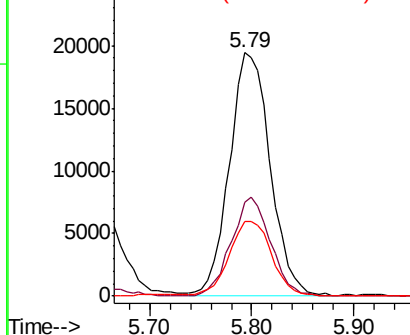
Lab File: VX011022.D

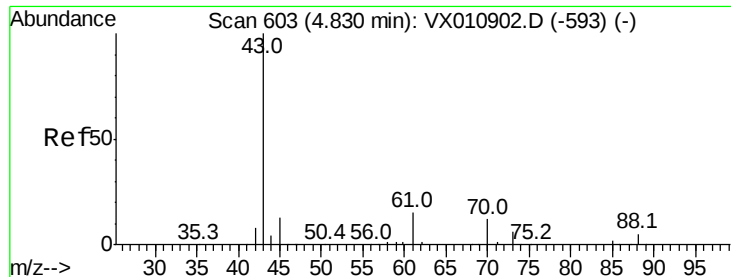
Acq: 22 Jul 2019 11:56

Tgt Ion:	75	Resp:	53335
Ion Ratio	Lower	Upper	
75	100		
110	39.8	19.9	59.7
77	32.4	25.0	37.4



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VX0





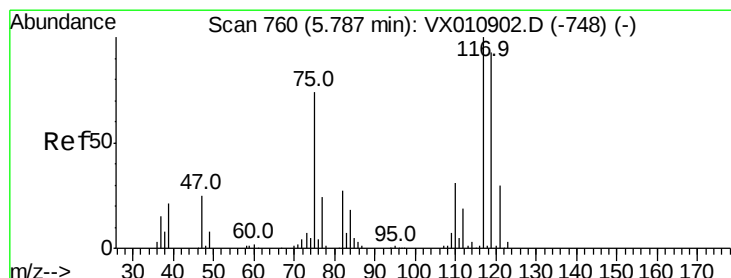
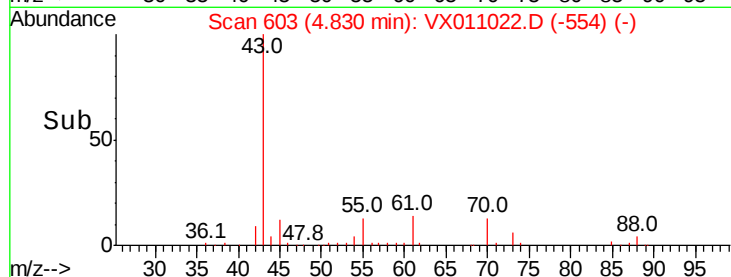
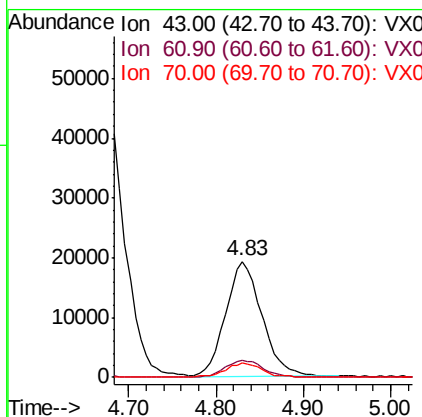
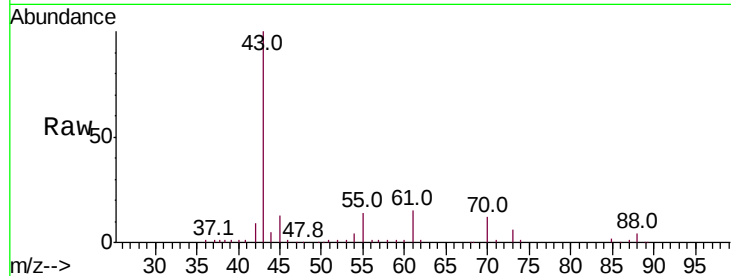
#37
Ethyl Acetate
Concen: 19.011 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.00 min
Lab File: VX011022.D
Acq: 22 Jul 2019 11:56

Instrument :
MSVOA_X
ClientSampleId :
VX0722WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.3	11.6	17.4
70	12.6	9.1	13.7

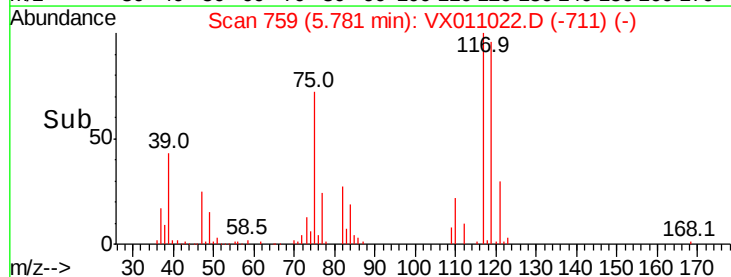
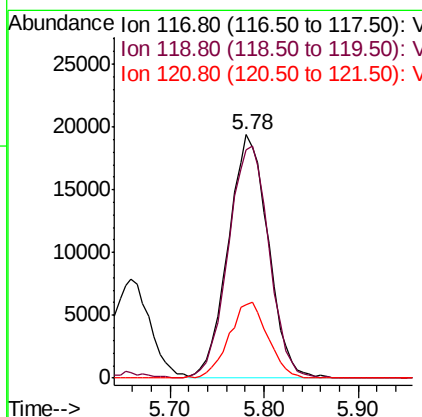
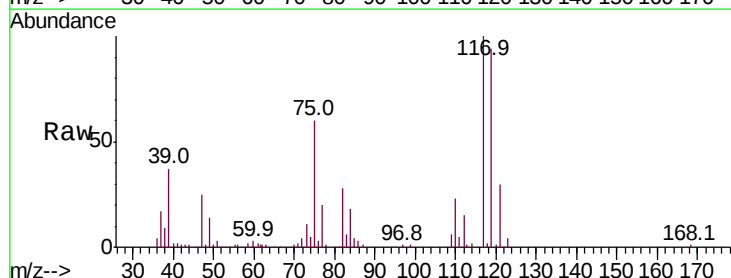
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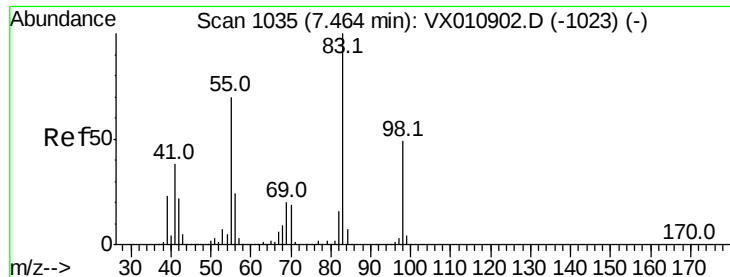
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#38
Carbon Tetrachloride
Concen: 19.282 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX011022.D
Acq: 22 Jul 2019 11:56

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.5	74.2	111.2
121	30.0	24.2	36.2





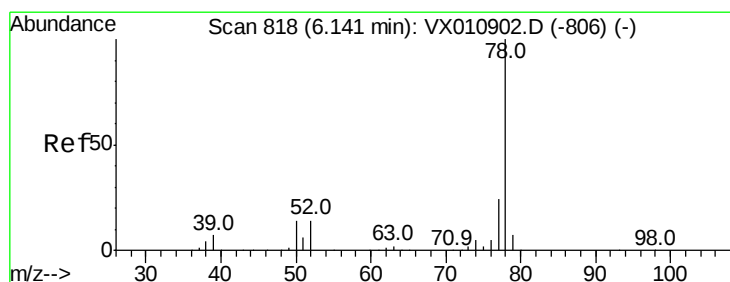
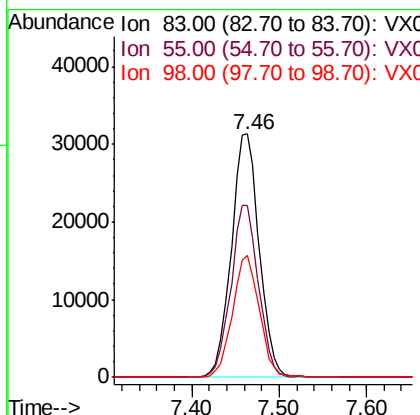
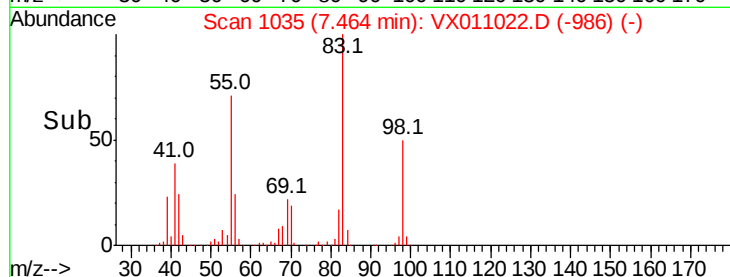
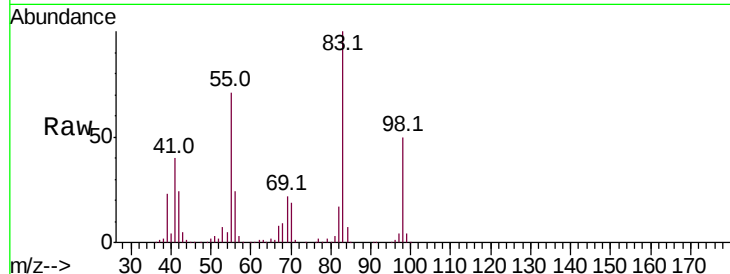
#39
Methvlcvclohexane
Concen: 18.773 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX011022.D
Acq: 22 Jul 2019 11:56

Instrument :
MSVOA_X
ClientSampleId :
VX0722WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	70.5	56.2	84.4
98	50.2	39.0	58.4

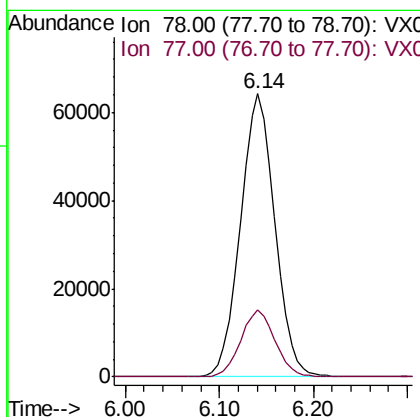
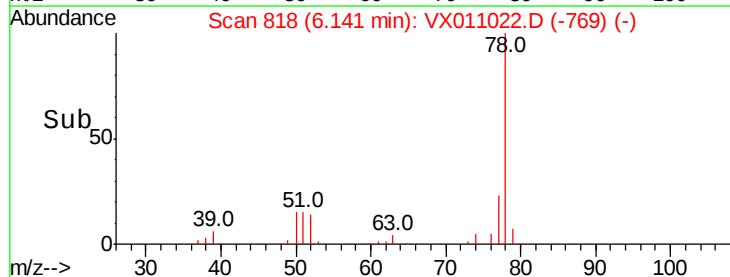
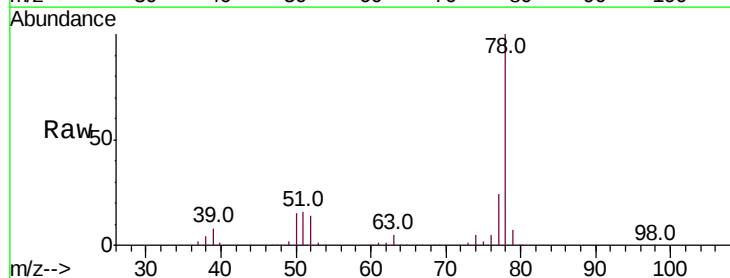
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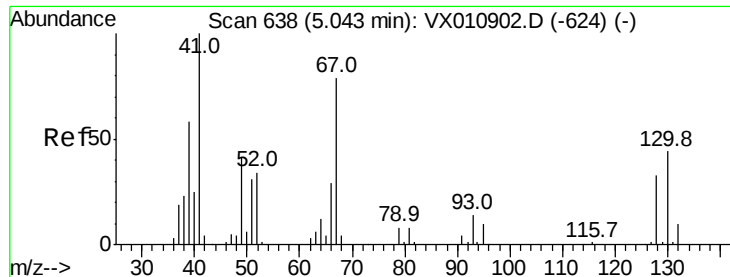
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#40
Benzene
Concen: 18.775 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX011022.D
Acq: 22 Jul 2019 11:56

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.0	28.6





#41

Methacrylonitrile

Concen: 18.337 ug/l

RT: 5.04 min Scan# 638

Delta R.T. -0.00 min

Lab File: VX011022.D

Acq: 22 Jul 2019 11:56

Instrument :

MSVOA_X

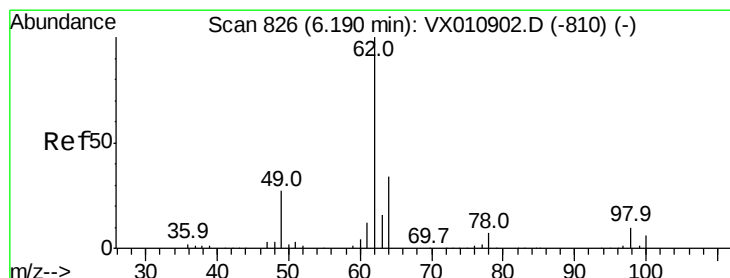
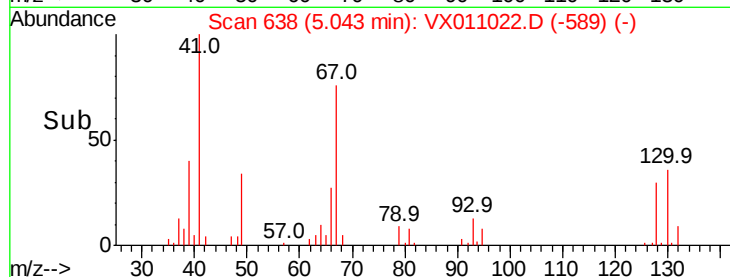
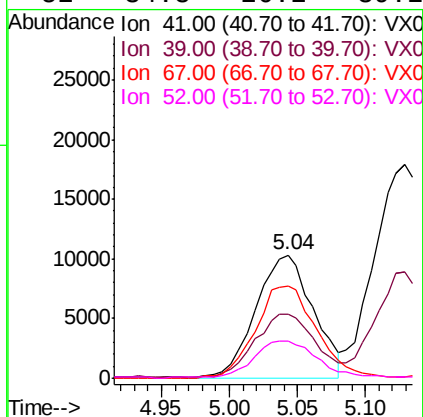
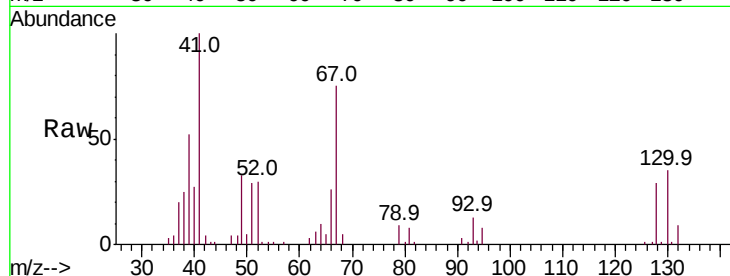
ClientSampleId :

VX0722WBS01

Tot Ion:	41	Resp:	30431
Ion	Ratio	Lower	Upper
41	100		
39	55.6	45.4	68.2
67	79.9	65.9	98.9
52	34.8	26.2	39.2

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 19.301 ug/l

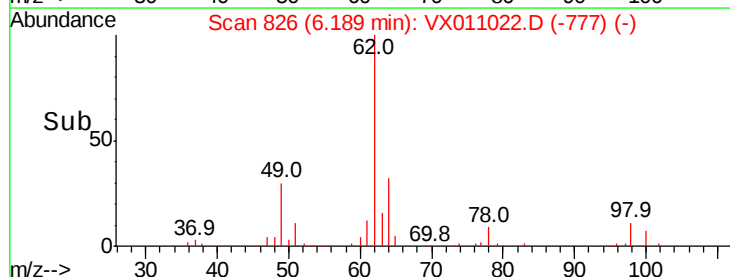
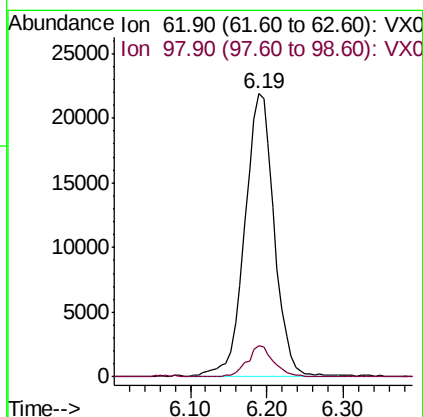
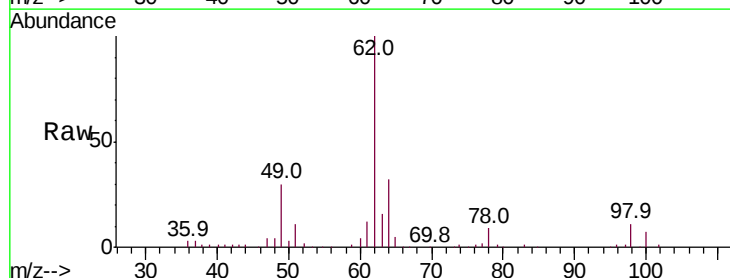
RT: 6.19 min Scan# 826

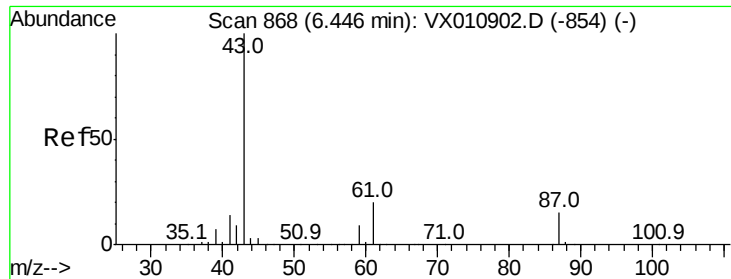
Delta R.T. -0.00 min

Lab File: VX011022.D

Acq: 22 Jul 2019 11:56

Tgt Ion:	62	Resp:	58689
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	20.0





#43

Isopropyl Acetate

Concen: 19.045 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX011022.D

Acq: 22 Jul 2019 11:56

Instrument :

MSVOA_X

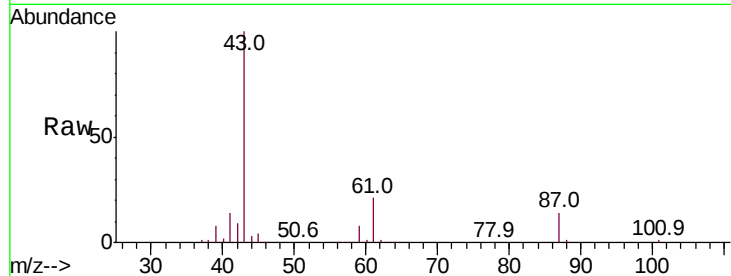
ClientSampleId :

VX0722WBS01

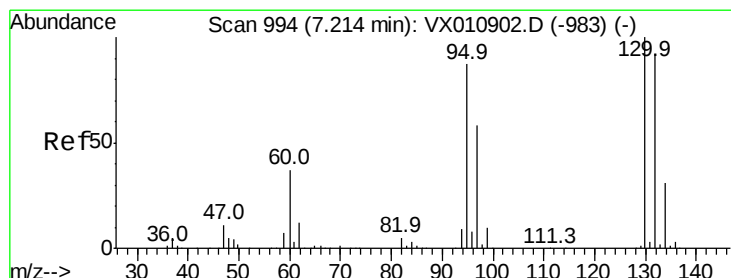
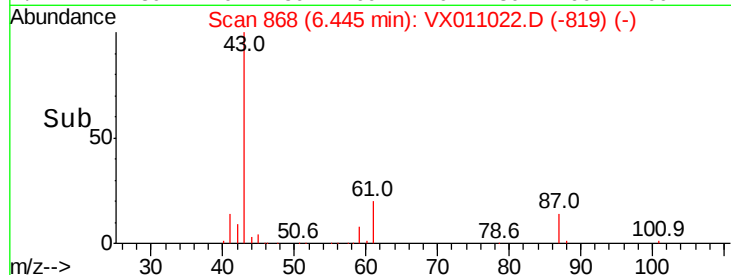
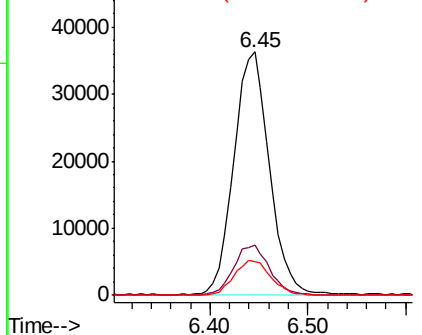
Tot Ion:	43	Resp:	91548
Ion	Ratio	Lower	Upper
43	100		
61	20.8	17.1	25.7
87	14.9	12.0	18.0

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Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 18.794 ug/l

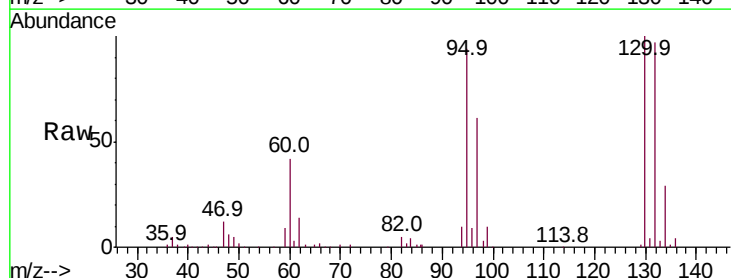
RT: 7.21 min Scan# 993

Delta R.T. -0.01 min

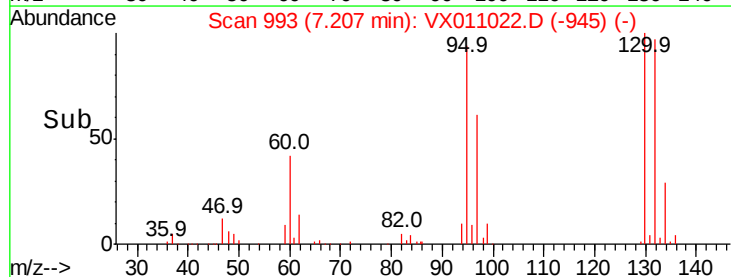
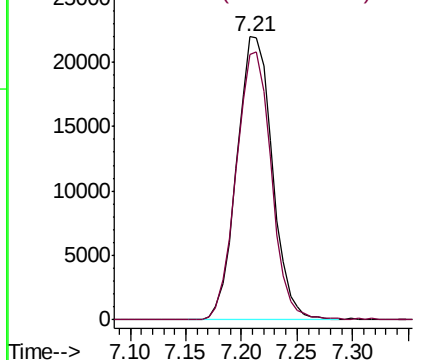
Lab File: VX011022.D

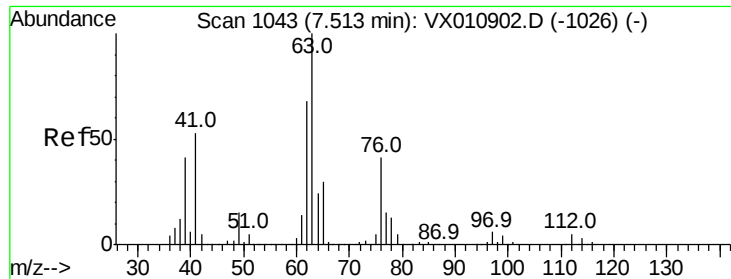
Acq: 22 Jul 2019 11:56

Tgt Ion:	130	Resp:	48651
Ion	Ratio	Lower	Upper
130	100		
95	93.7	0.0	174.8



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 18.949 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX011022.D

Acq: 22 Jul 2019 11:56

Instrument :

MSVOA_X

ClientSampleId :

VX0722WBS01

Tot Ion: 63 Resp: 42178

Ion Ratio Lower Upper

63 100

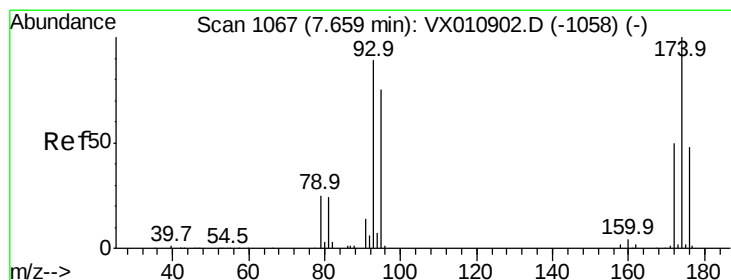
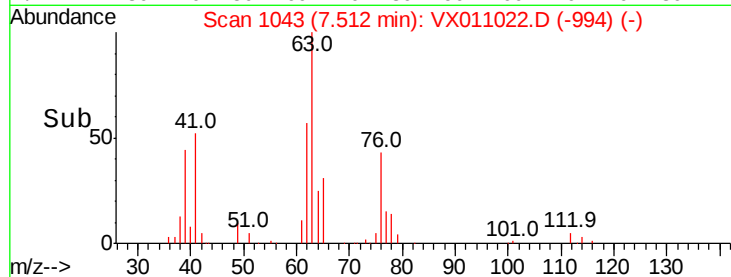
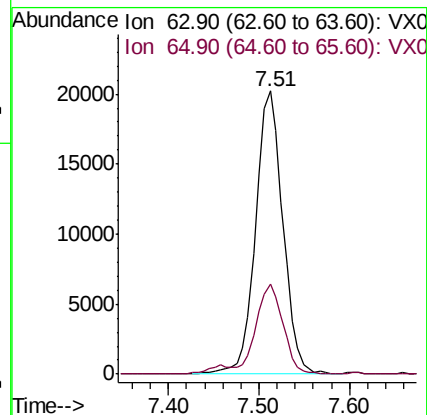
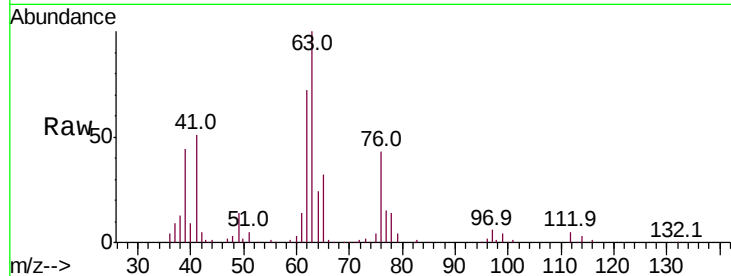
65 31.5 24.4 36.6

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#46

Dibromomethane

Concen: 19.189 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX011022.D

Acq: 22 Jul 2019 11:56

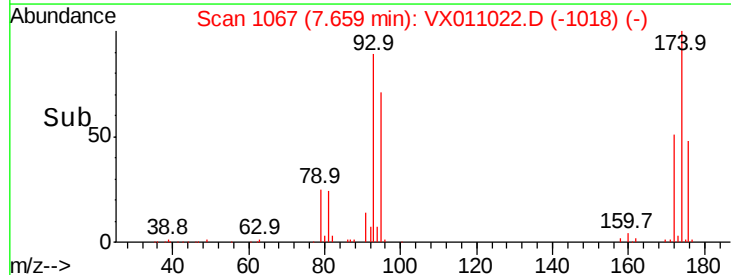
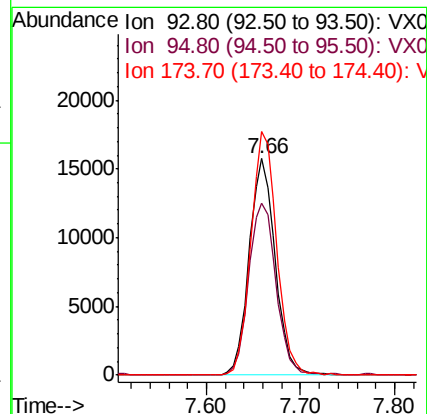
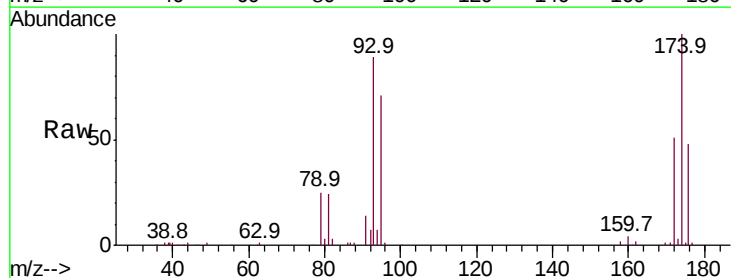
Tgt Ion: 93 Resp: 30520

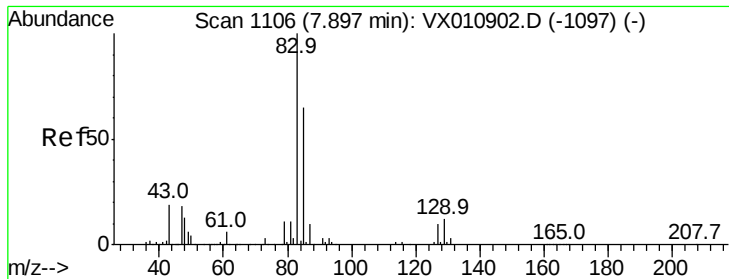
Ion Ratio Lower Upper

93 100

95 83.3 67.2 100.8

174 111.8 90.6 135.8





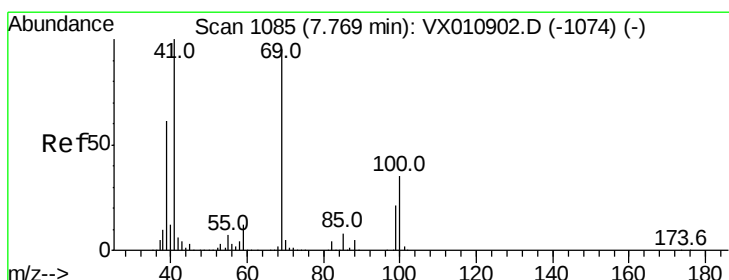
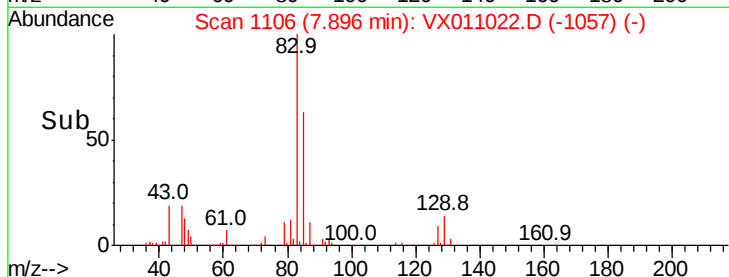
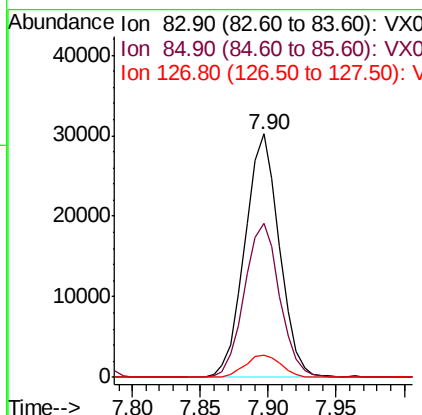
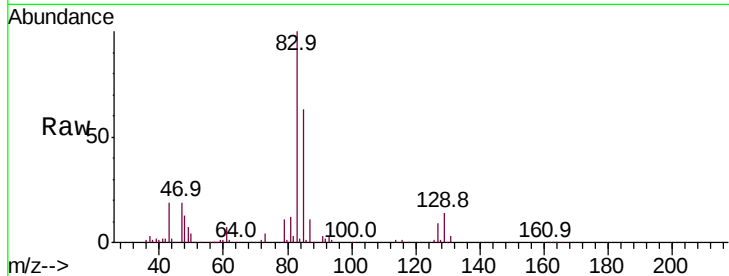
#47
Bromodichloromethane
Concen: 18.983 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VX011022.D
Acq: 22 Jul 2019 11:56

Instrument :
MSVOA_X
ClientSampleId :
VX0722WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
85	63.1	52.5	78.7
127	8.9	7.8	11.8

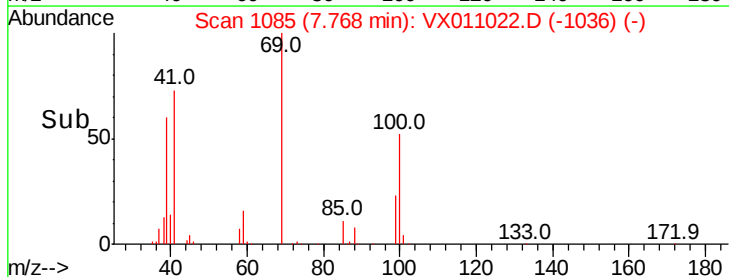
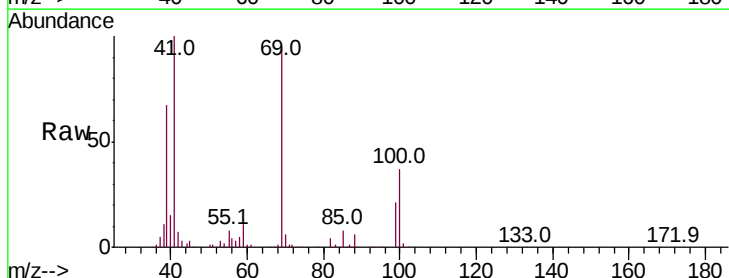
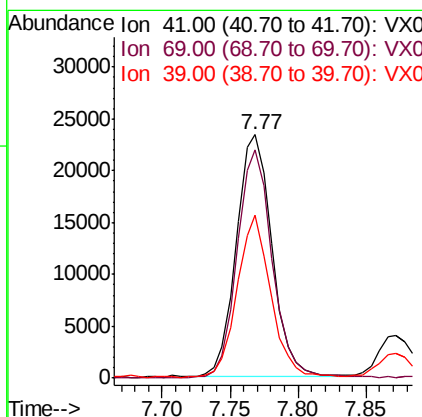
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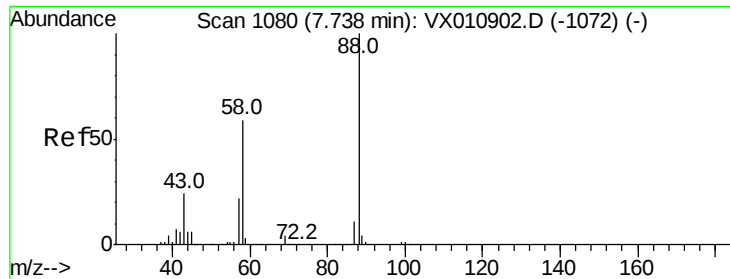
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#48
Methyl methacrylate
Concen: 18.244 ug/l
RT: 7.77 min Scan# 1085
Delta R.T. -0.00 min
Lab File: VX011022.D
Acq: 22 Jul 2019 11:56

Tgt Ion	Ratio	Lower	Upper
41	100		
69	93.6	74.4	111.6
39	64.9	48.9	73.3





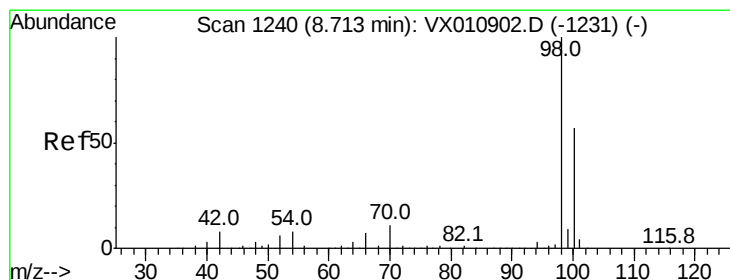
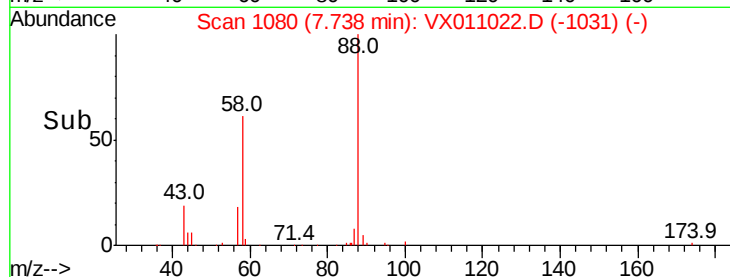
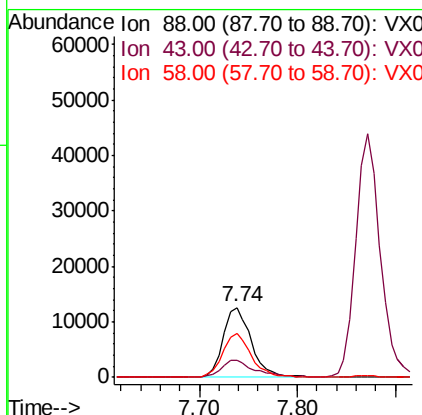
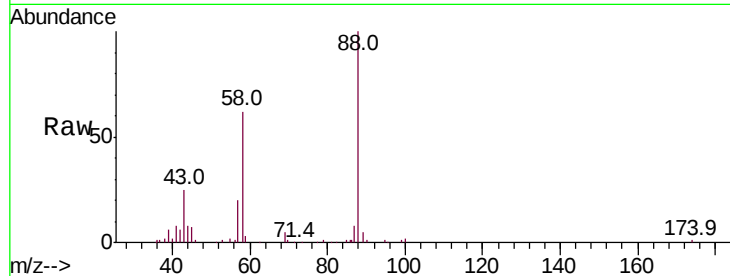
#49
1,4-Dioxane
Concen: 383.190 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX011022.D
Acq: 22 Jul 2019 11:56

Instrument :
MSVOA_X
ClientSampleId :
VX0722WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	26.8	22.9	34.3
58	64.1	49.8	74.8

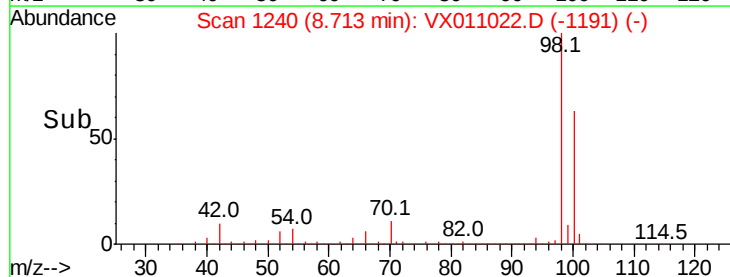
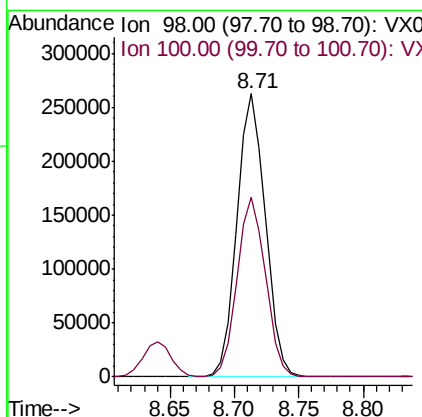
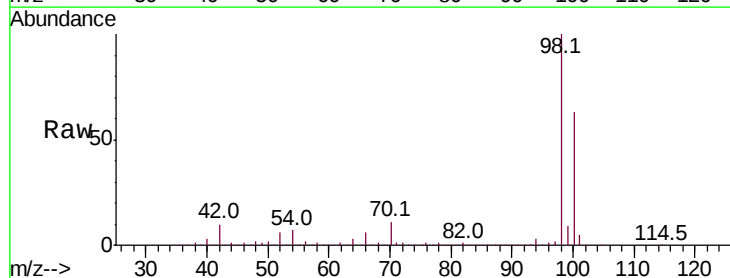
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#50
Toluene-d8
Concen: 48.455 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX011022.D
Acq: 22 Jul 2019 11:56

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.3	50.6	75.8





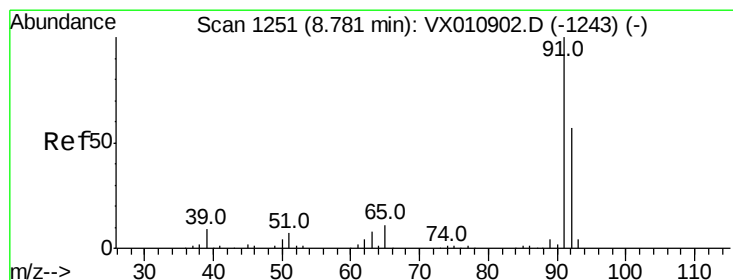
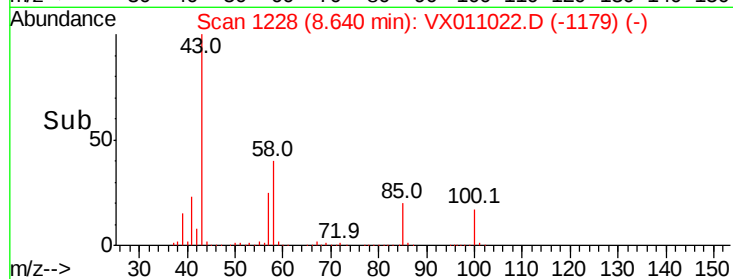
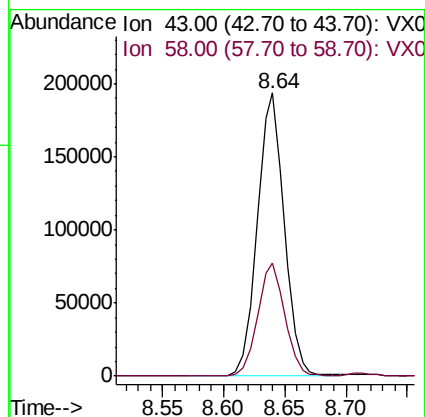
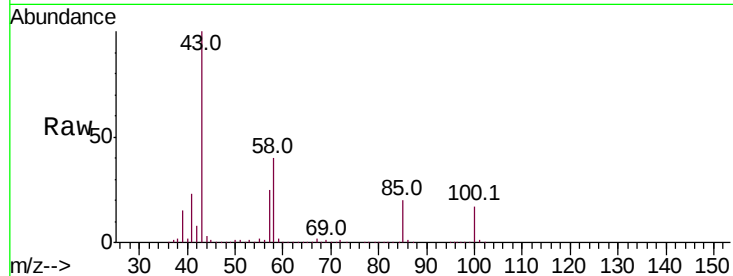
#51
4-Methyl-2-Pentanone
Concen: 95.307 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX011022.D
Acq: 22 Jul 2019 11:56

Instrument :
MSVOA_X
ClientSampled :
VX0722WBS01

Tot Ion: 43 Resp: 296979
Ion Ratio Lower Upper
43 100
58 40.3 32.2 48.4

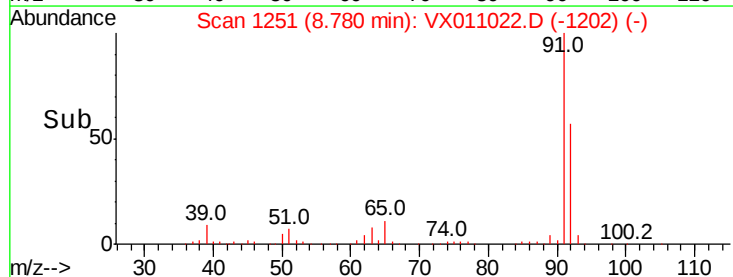
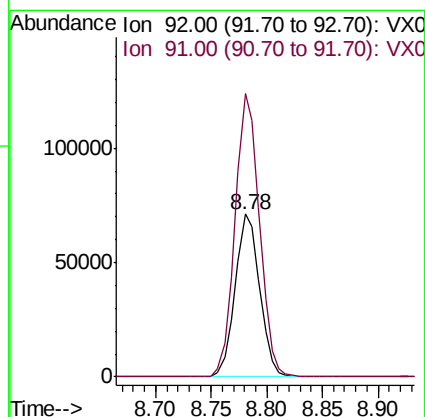
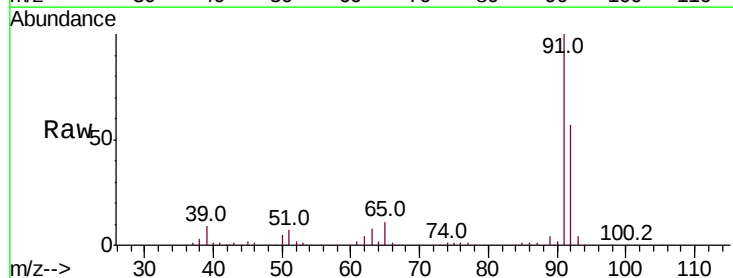
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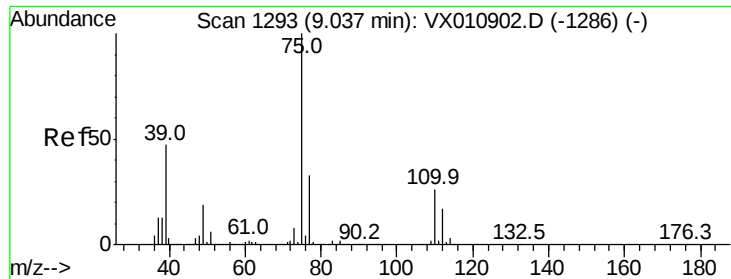
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#52
Toluene
Concen: 18.852 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.00 min
Lab File: VX011022.D
Acq: 22 Jul 2019 11:56

Tgt Ion: 92 Resp: 108308
Ion Ratio Lower Upper
92 100
91 173.4 139.4 209.0





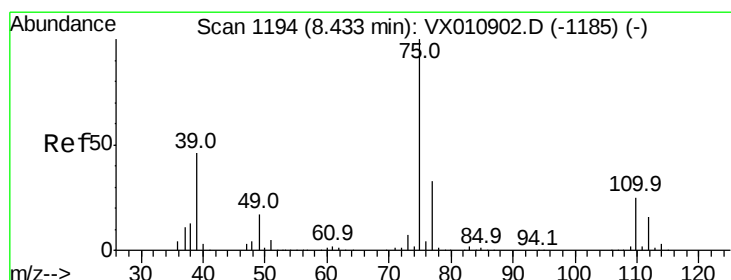
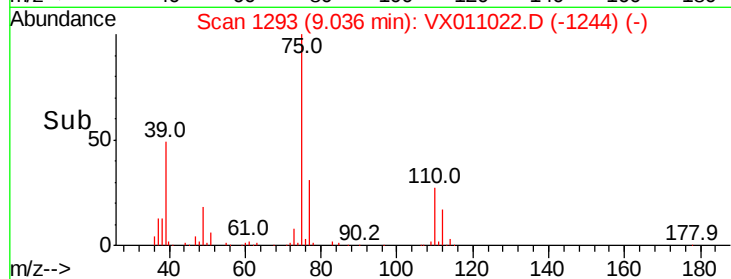
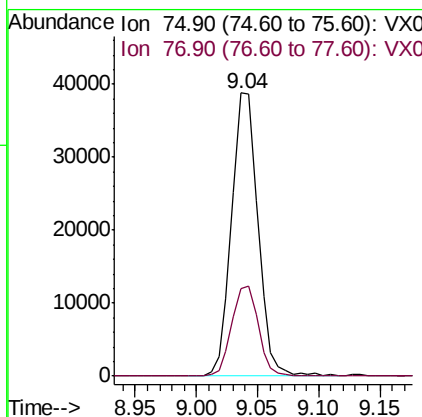
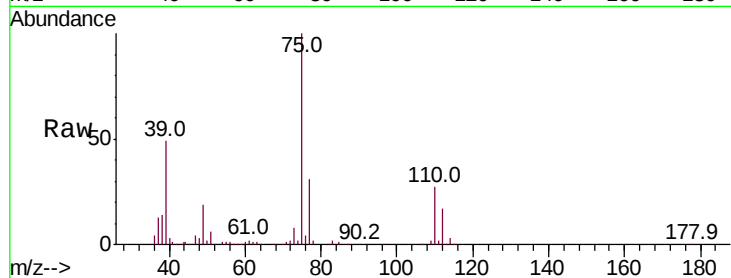
#53
t-1,3-Dichloropropene
Concen: 19.071 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. -0.00 min
Lab File: VX011022.D
Acq: 22 Jul 2019 11:56

Instrument :
MSVOA_X
ClientSampleId :
VX0722WBS01

Tot Ion: 75 Resp: 58058
Ion Ratio Lower Upper
75 100
77 30.8 26.2 39.2

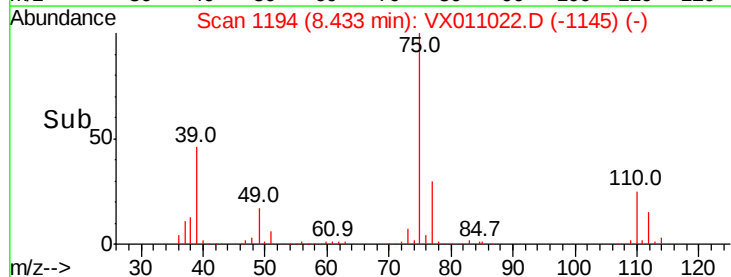
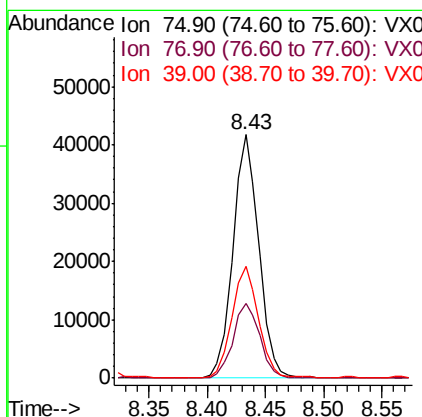
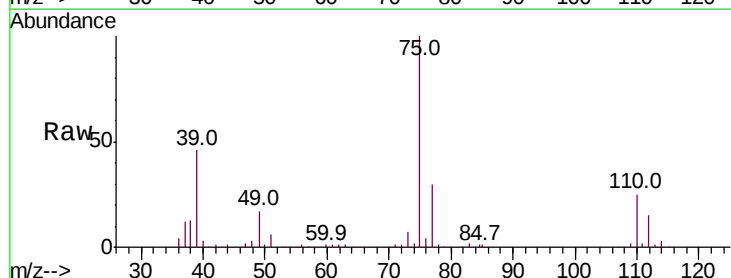
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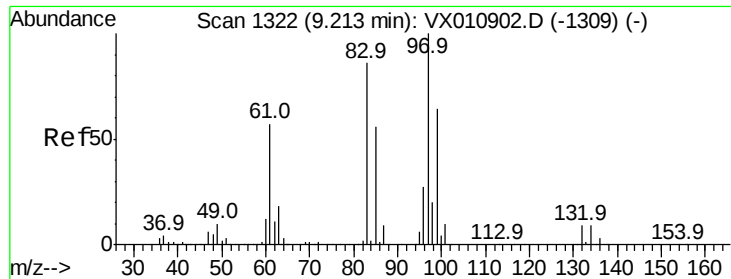
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#54
cis-1,3-Dichloropropene
Concen: 19.028 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX011022.D
Acq: 22 Jul 2019 11:56

Tgt Ion: 75 Resp: 64456
Ion Ratio Lower Upper
75 100
77 30.5 26.1 39.1
39 45.4 36.6 54.8





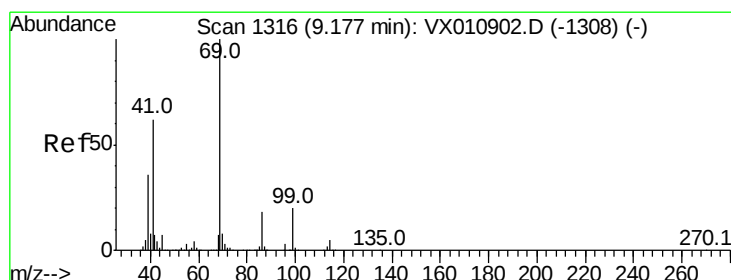
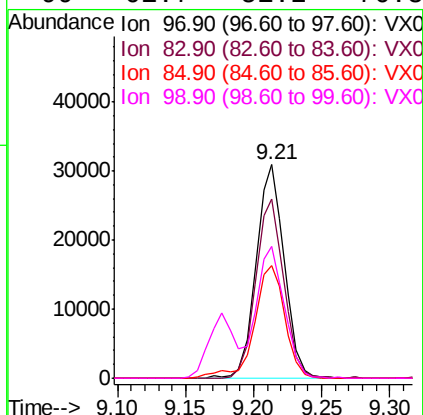
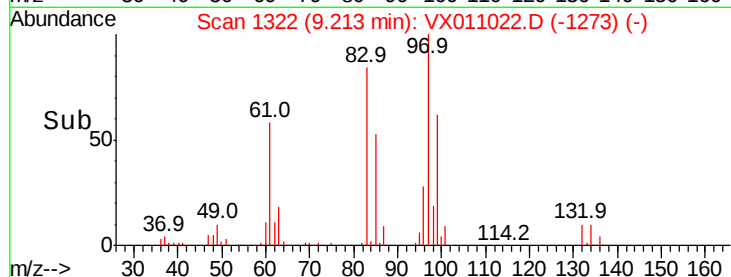
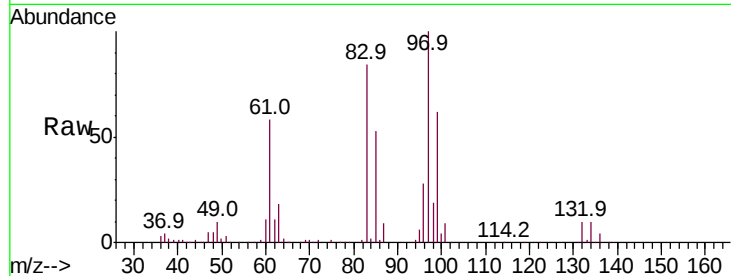
#55
 1,1,2-Trichloroethane
 Concen: 18.906 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX011022.D
 Acq: 22 Jul 2019 11:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0722WBS01

Tot Ion	97	Resp	44723
Ion	Ratio	Lower	Upper
97	100		
83	83.8	69.2	103.8
85	53.0	44.6	66.8
99	61.7	51.2	76.8

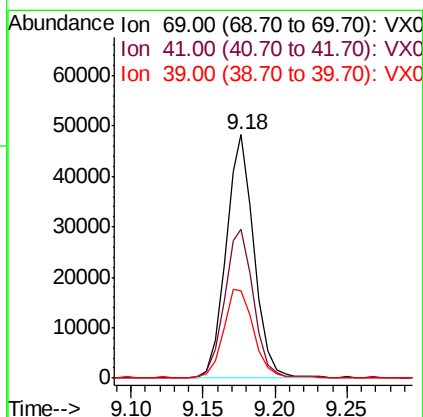
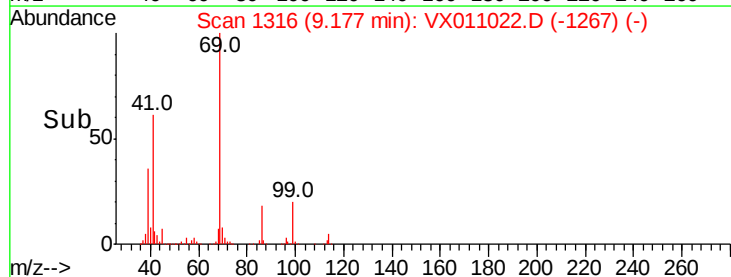
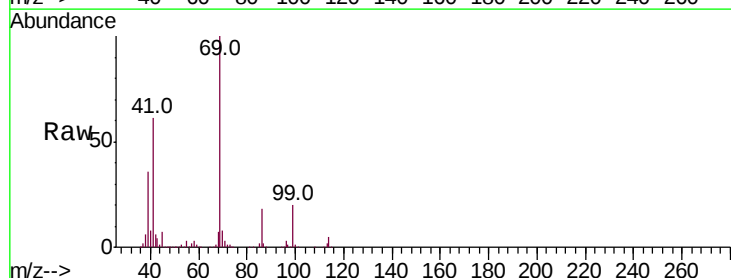
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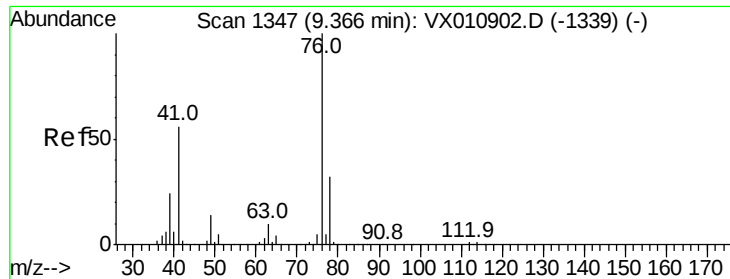
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#56
 Ethyl methacrylate
 Concen: 19.038 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX011022.D
 Acq: 22 Jul 2019 11:56

Tgt Ion	69	Resp	65876
Ion	Ratio	Lower	Upper
69	100		
41	63.2	49.7	74.5
39	38.8	29.6	44.4





#57

1,3-Dichloropropane

Concen: 18.695 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.01 min

Lab File: VX011022.D

Acq: 22 Jul 2019 11:56

Instrument :

MSVOA_X

ClientSampleId :

VX0722WBS01

Tot Ion: 76 Resp: 70155

Ion Ratio Lower Upper

76 100

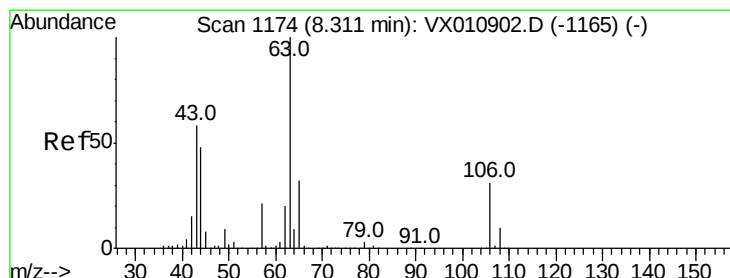
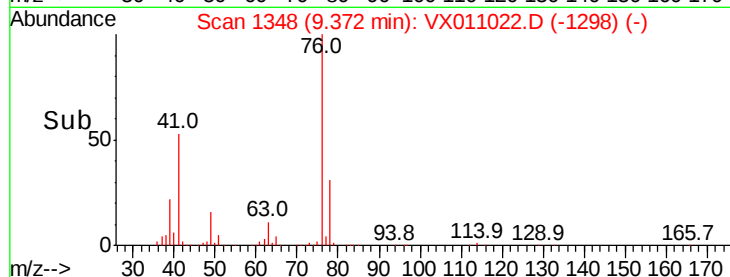
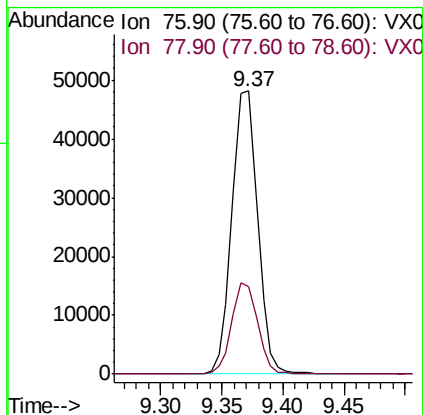
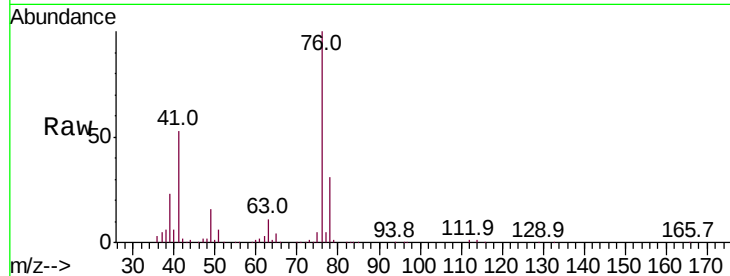
78 32.4 25.6 38.4

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#58

2-Chloroethyl Vinyl ether

Concen: 99.850 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX011022.D

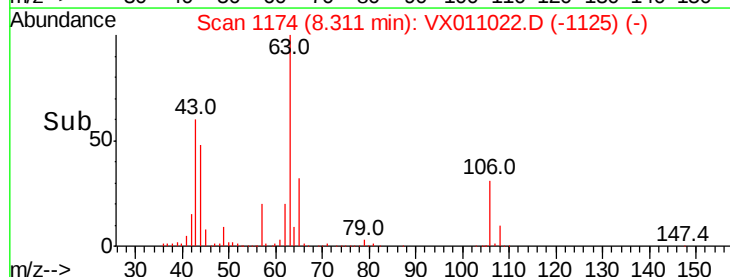
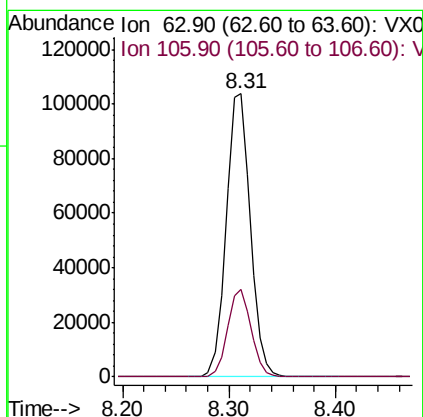
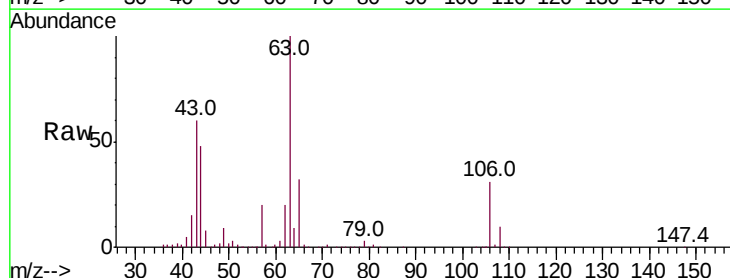
Acq: 22 Jul 2019 11:56

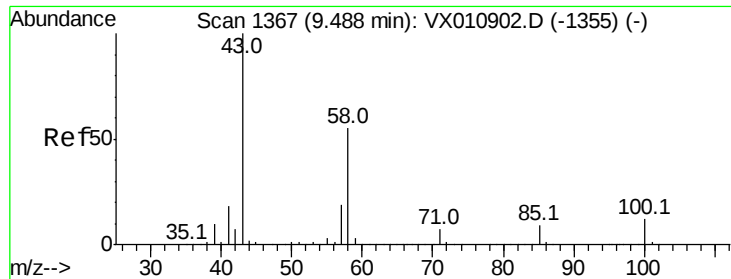
Tgt Ion: 63 Resp: 164927

Ion Ratio Lower Upper

63 100

106 30.4 24.0 36.0





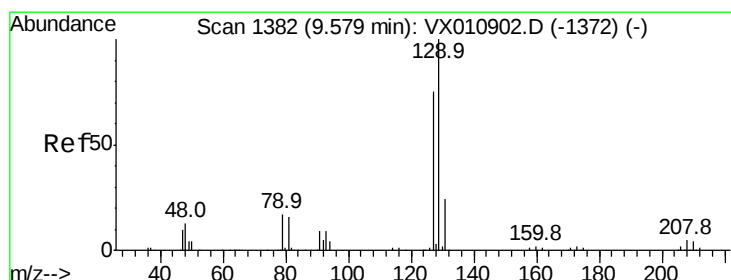
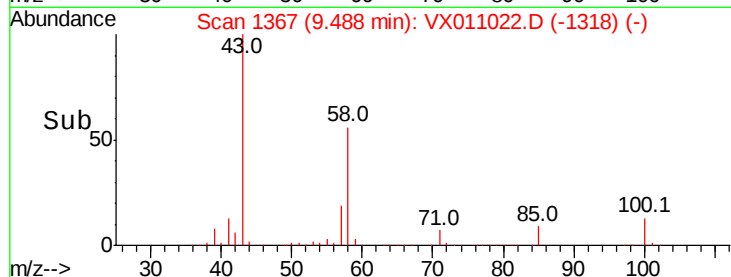
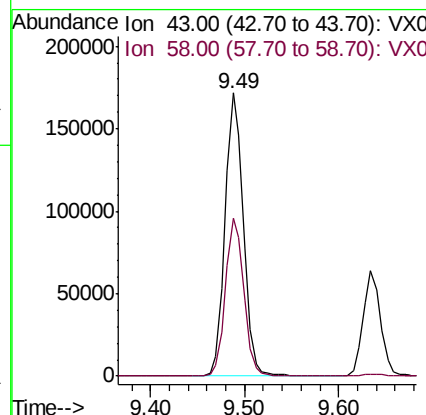
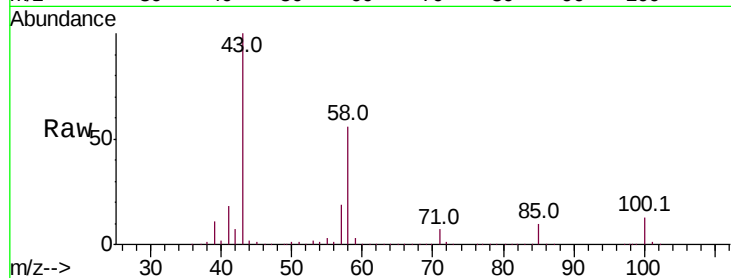
#59
2-Hexanone
Concen: 95.714 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX011022.D
Acq: 22 Jul 2019 11:56

Instrument :
MSVOA_X
ClientSampleId :
VX0722WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	55.8	28.0	83.9

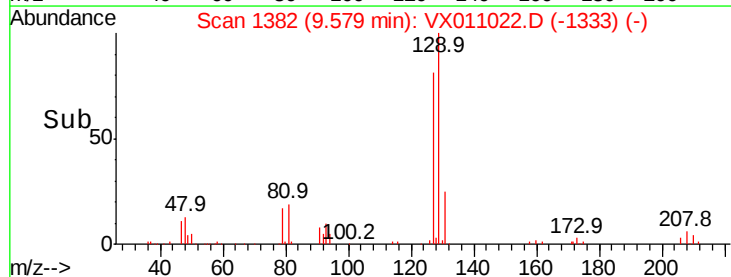
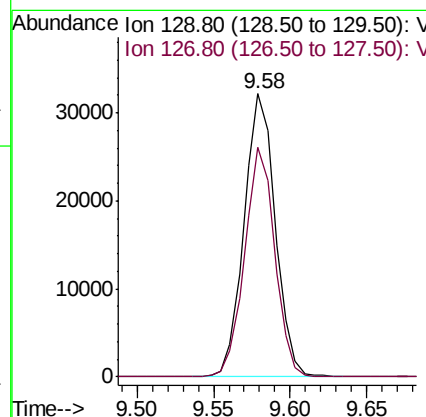
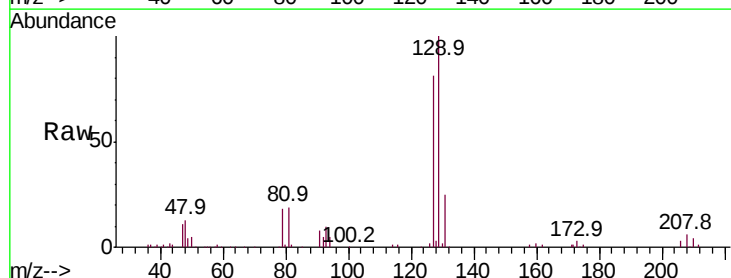
Manual Integrations
APPROVED

MMDadoda
7/23/2019 11:09:17 AM



#60
Dibromochloromethane
Concen: 18.419 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX011022.D
Acq: 22 Jul 2019 11:56

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.2	38.6	115.8





#61

1,2-Dibromoethane

Concen: 19.191 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX011022.D

Acq: 22 Jul 2019 11:56

Instrument :

MSVOA_X

ClientSampleId :

VX0722WBS01

Tot Ion:107 Resp: 48177

Ion Ratio Lower Upper

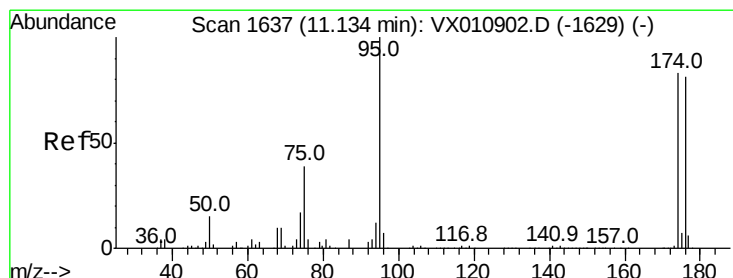
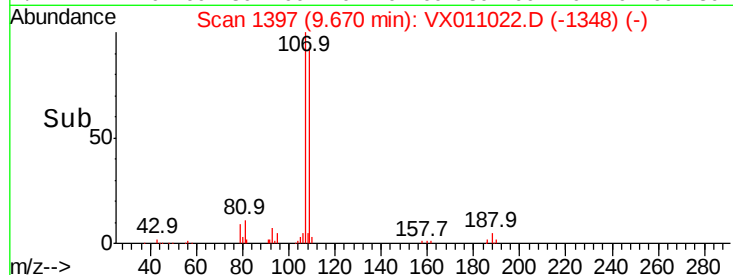
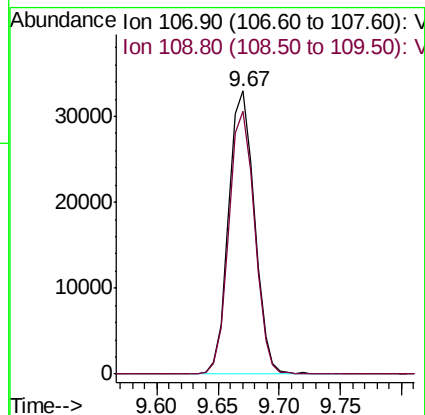
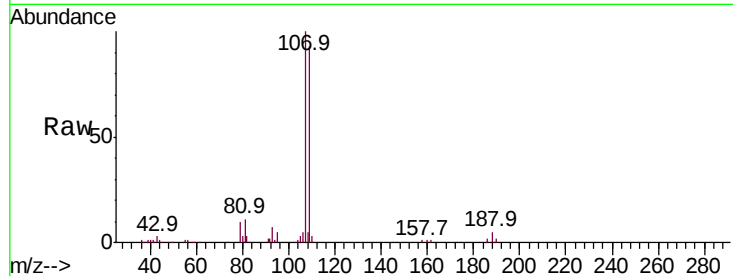
107 100

109 92.6 75.4 113.0

Manual Integrations
APPROVED

MMDadoda

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#62

4-Bromofluorobenzene

Concen: 49.400 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011022.D

Acq: 22 Jul 2019 11:56

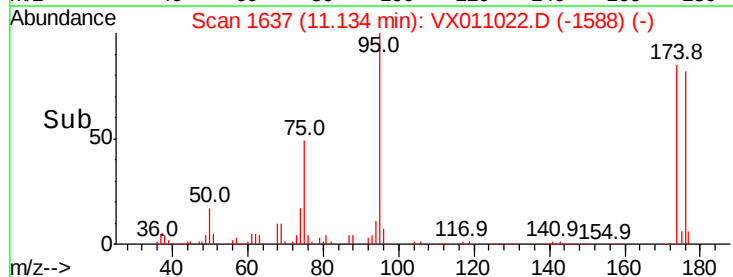
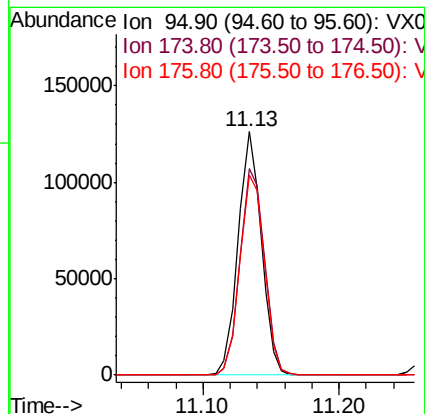
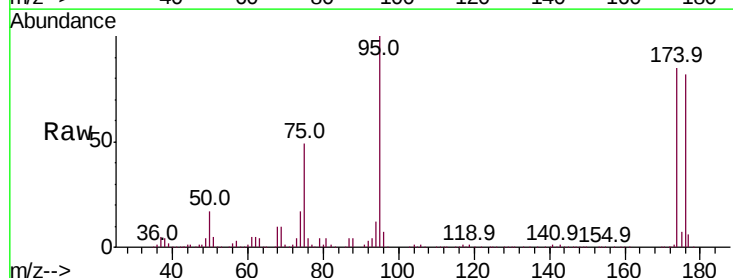
Tgt Ion: 95 Resp: 150244

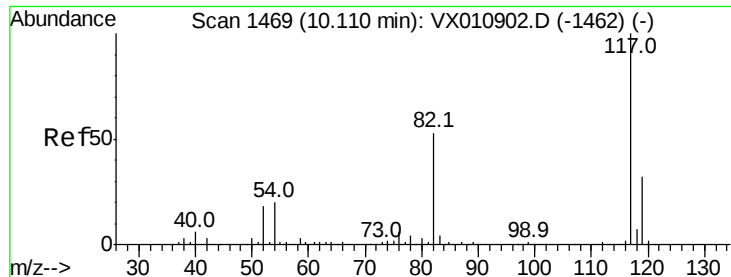
Ion Ratio Lower Upper

95 100

174 89.8 0.0 180.6

176 87.2 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX011022.D

Acq: 22 Jul 2019 11:56

Instrument :

MSVOA_X

ClientSampleId :

VX0722WBS01

Tot Ion:117 Resp: 319958

Ion Ratio Lower Upper

117 100

82 52.9 42.6 63.8

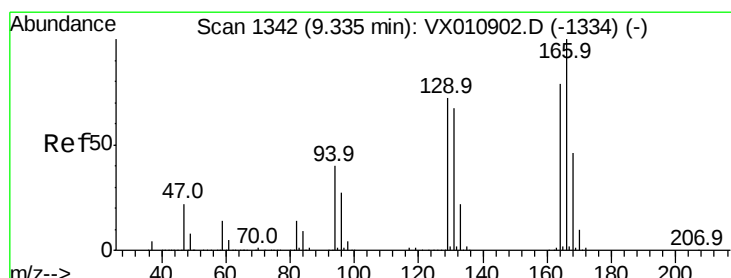
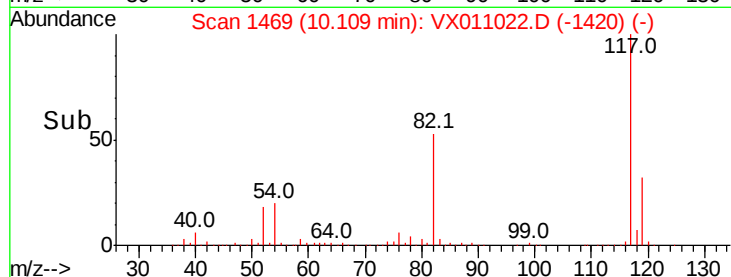
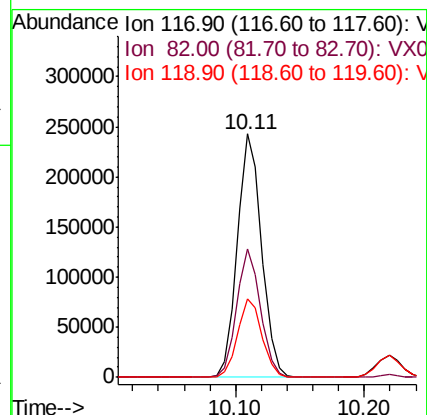
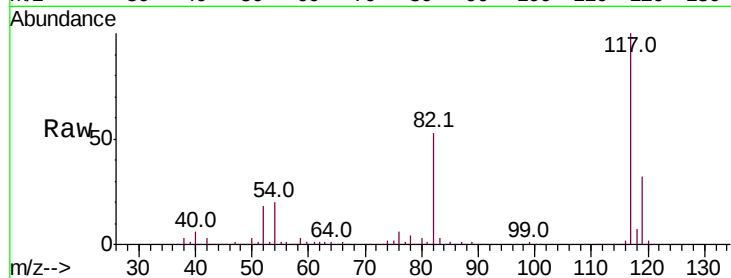
119 32.1 25.9 38.9

Manual Integrations

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#64

Tetrachloroethene

Concen: 19.408 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX011022.D

Acq: 22 Jul 2019 11:56

Tgt Ion:164 Resp: 48852

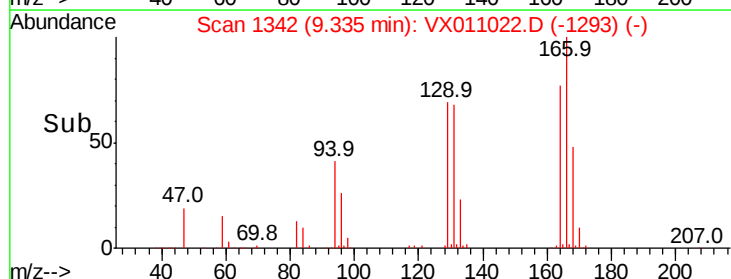
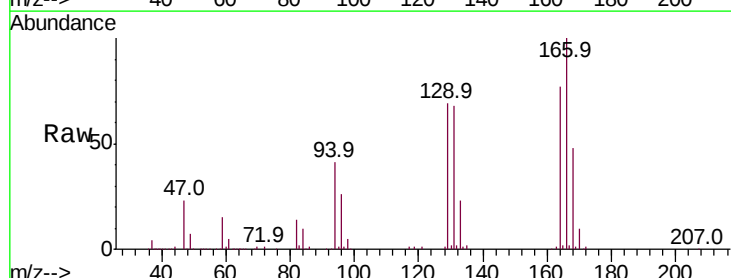
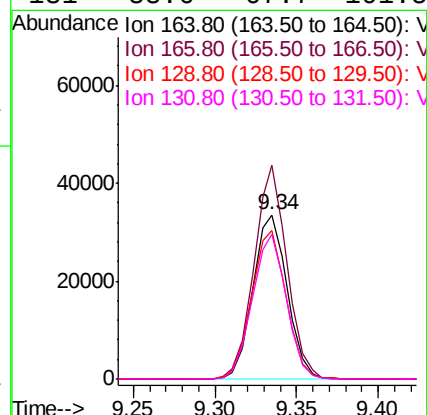
Ion Ratio Lower Upper

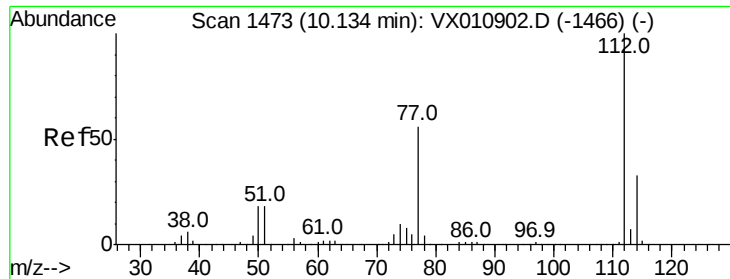
164 100

166 130.3 100.8 151.2

129 90.5 72.6 109.0

131 88.6 67.7 101.5





#65

Chlorobenzene

Concen: 18.512 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.00 min

Lab File: VX011022.D

Acq: 22 Jul 2019 11:56

Instrument :

MSVOA_X

ClientSampleId :

VX0722WBS01

Tot Ion:112 Resp: 121655

Ion Ratio Lower Upper

112 100

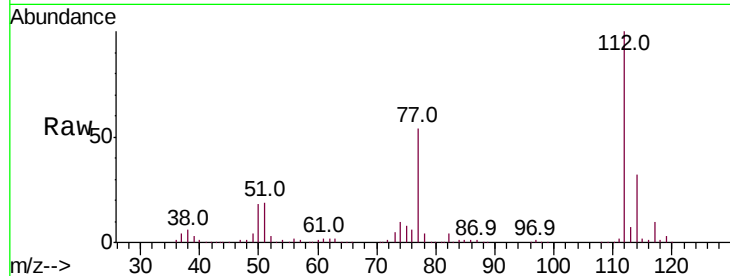
114 32.3 26.2 39.4

Manual Integrations

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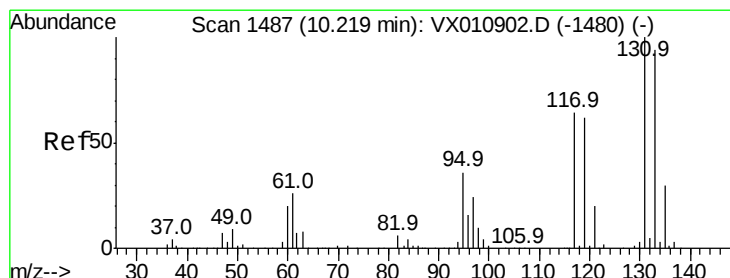
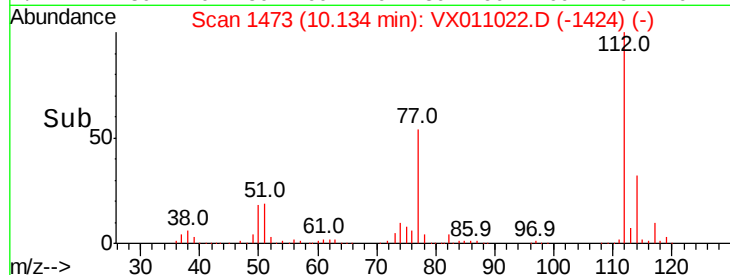
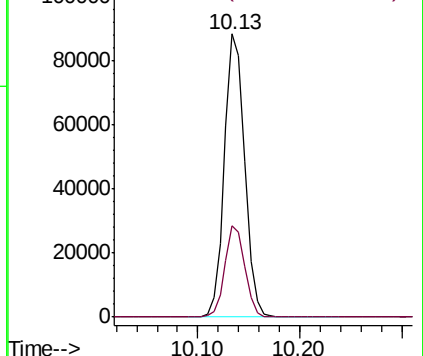
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.019 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX011022.D

Acq: 22 Jul 2019 11:56

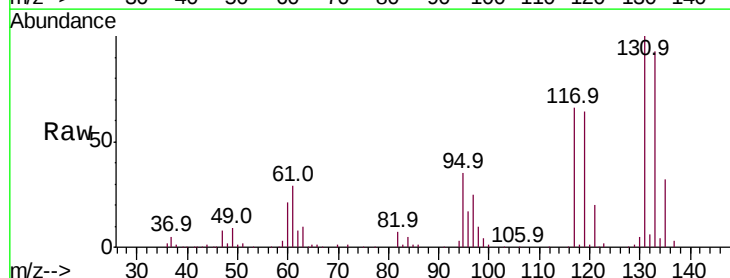
Tgt Ion:131 Resp: 43926

Ion Ratio Lower Upper

131 100

133 95.9 47.1 141.4

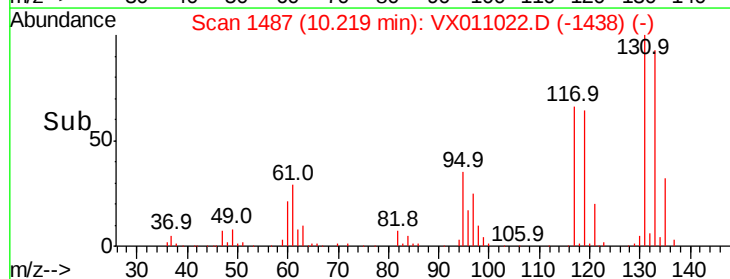
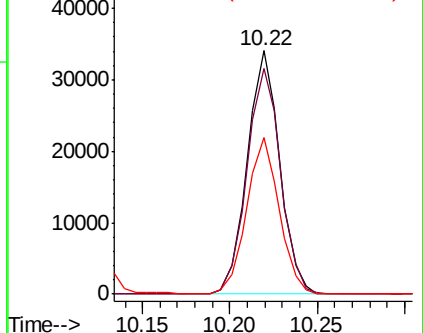
119 64.8 31.9 95.7

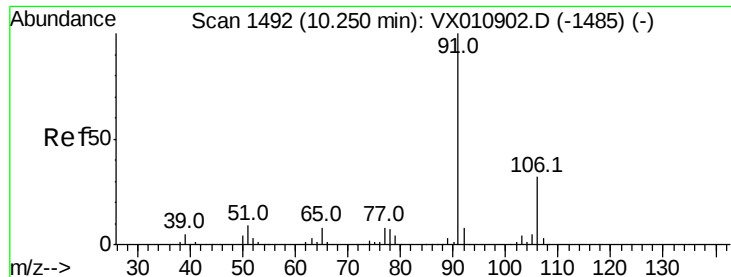


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





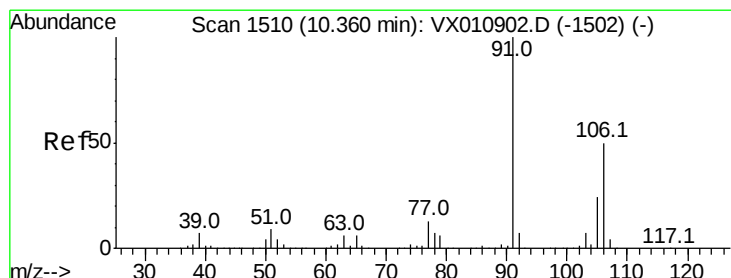
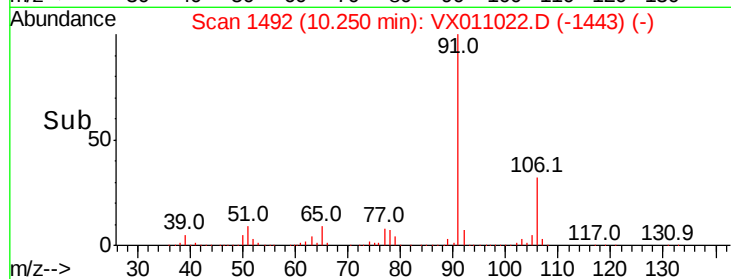
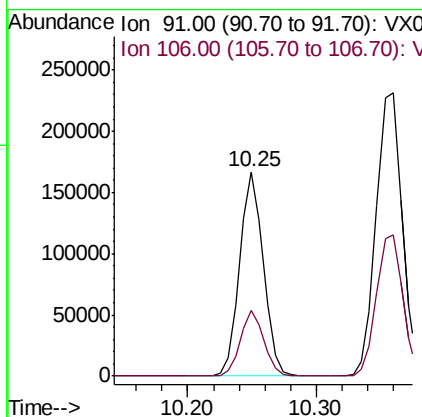
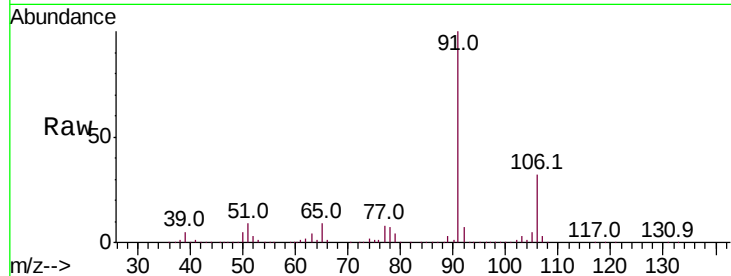
#67
Ethyl Benzene
Concen: 18.978 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX011022.D
Acq: 22 Jul 2019 11:56

Instrument :
MSVOA_X
ClientSampled :
VX0722WBS01

Tot Ion: 91 Resp: 212287
Ion Ratio Lower Upper
91 100
106 32.3 25.4 38.2

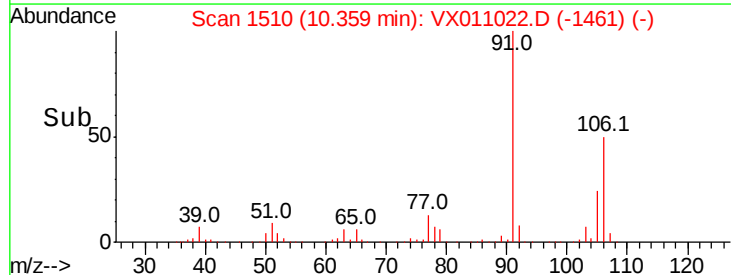
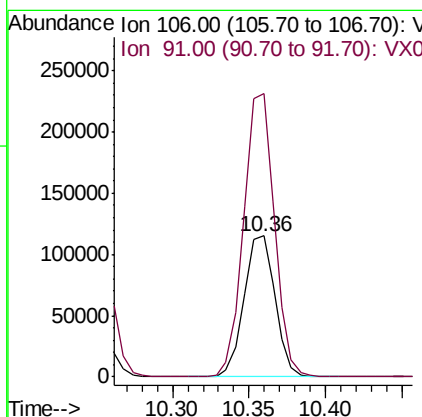
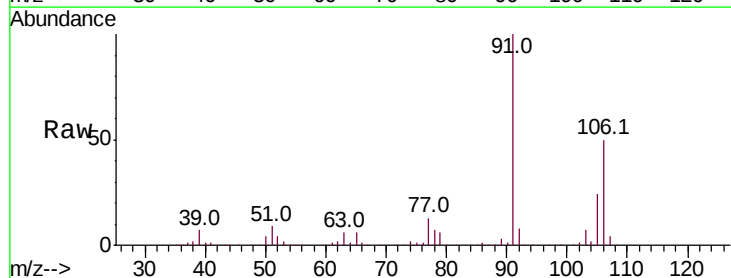
Manual Integrations
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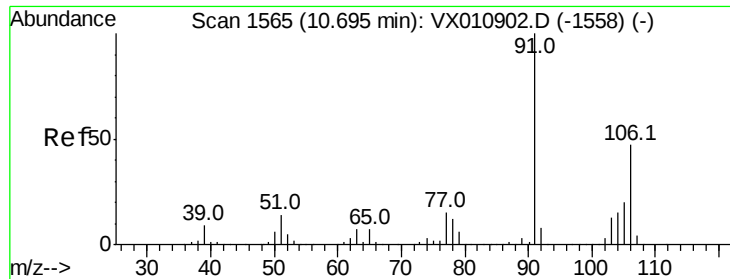
MMDadoda
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#68
m/p-Xylenes
Concen: 37.759 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX011022.D
Acq: 22 Jul 2019 11:56

Tgt Ion: 106 Resp: 162015
Ion Ratio Lower Upper
106 100
91 199.6 160.1 240.1





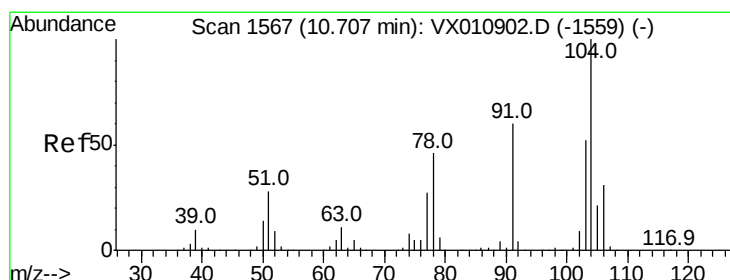
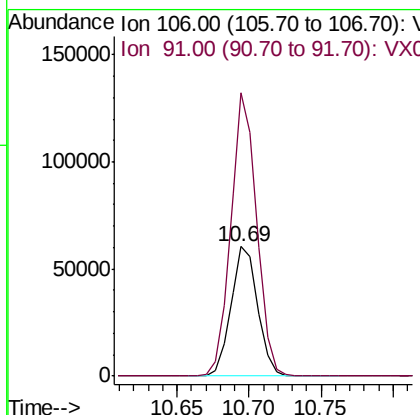
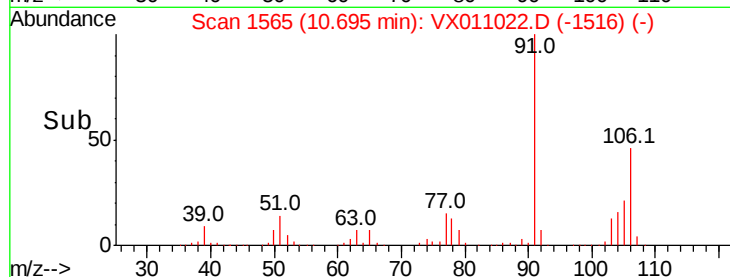
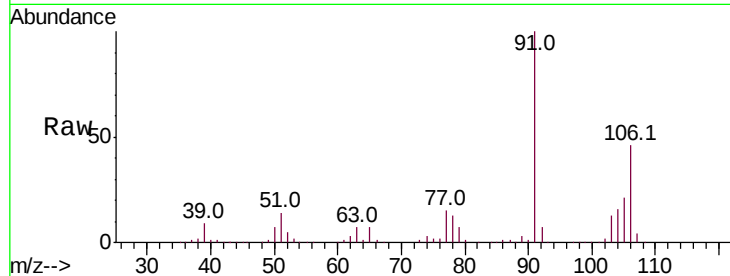
#69
o-Xylene
Concen: 18.852 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX011022.D
Acq: 22 Jul 2019 11:56

Instrument :
MSVOA_X
ClientSampled :
VX0722WBS01

Tot Ion:106 Resp: 78946
Ion Ratio Lower Upper
106 100
91 211.3 105.1 315.3

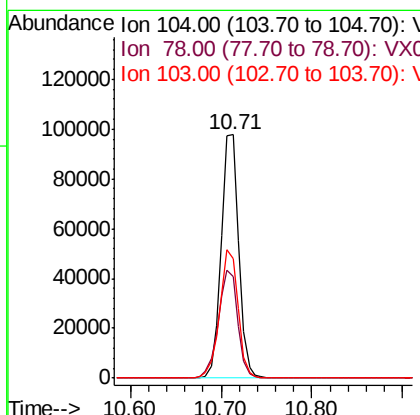
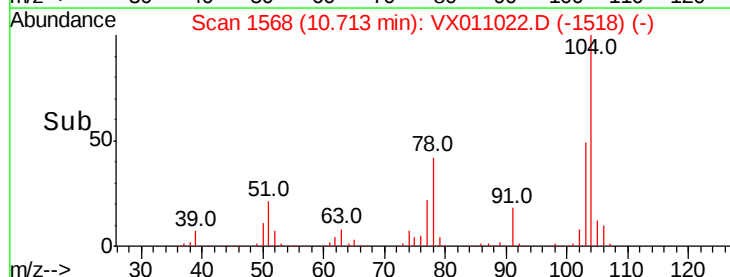
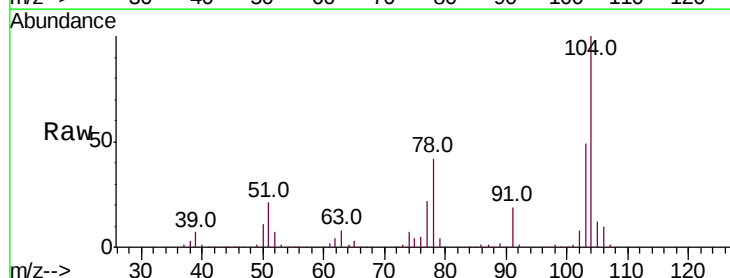
Manual Integrations
APPROVED

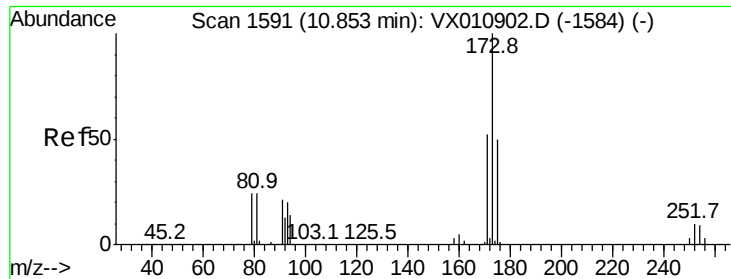
MMDadoda
7/23/2019 11:09:17 AM



#70
Styrene
Concen: 18.978 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.01 min
Lab File: VX011022.D
Acq: 22 Jul 2019 11:56

Tgt Ion:104 Resp: 132477
Ion Ratio Lower Upper
104 100
78 49.0 38.8 58.2
103 55.4 44.2 66.4





#71

Bromoform

Concen: 17.967 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX011022.D

Acq: 22 Jul 2019 11:56

Instrument :

MSVOA_X

ClientSampleId :

VX0722WBS01

Tot Ion:173 Resp: 34164

Ion Ratio Lower Upper

173 100

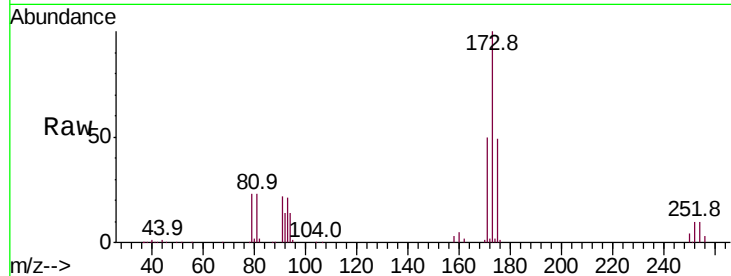
175 47.9 24.6 73.6

254 0.0 0.1 0.1#

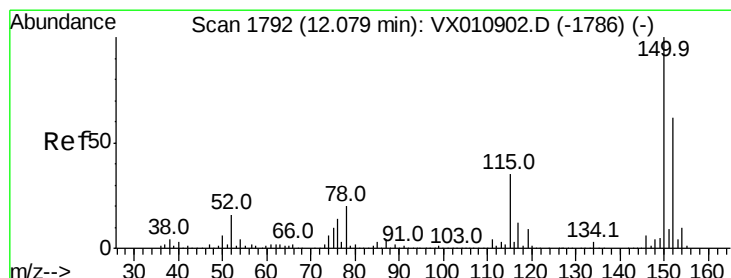
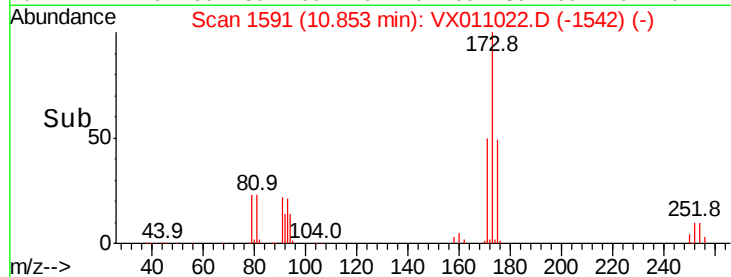
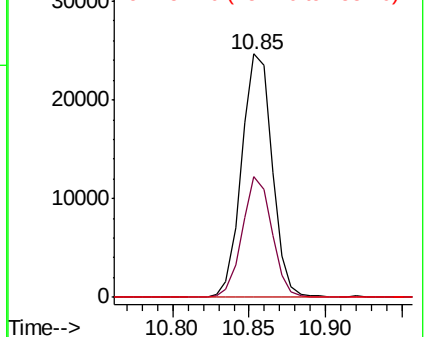
Manual Integrations
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX011022.D

Acq: 22 Jul 2019 11:56

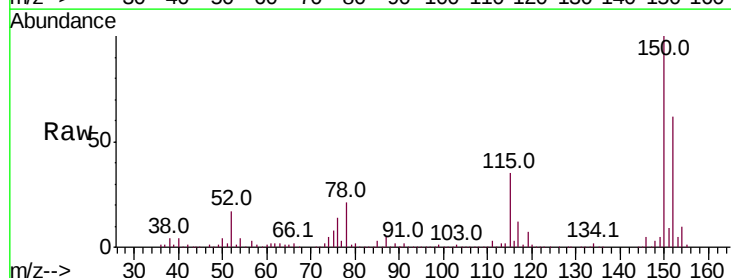
Tgt Ion:152 Resp: 167896

Ion Ratio Lower Upper

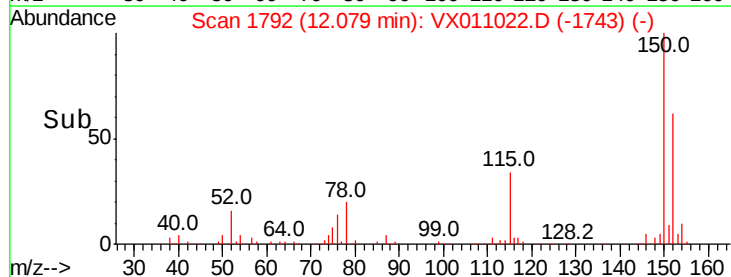
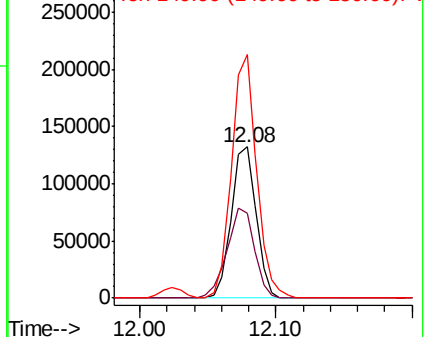
152 100

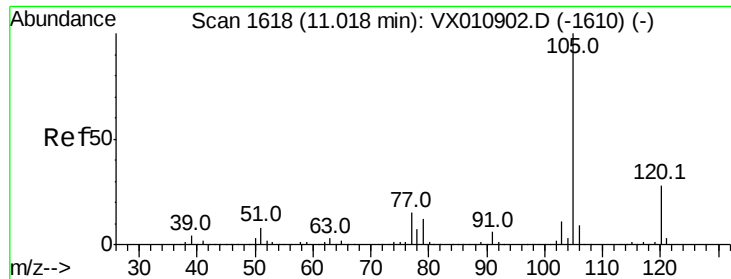
115 65.8 39.7 119.1

150 162.2 0.0 345.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.946 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX011022.D

Acq: 22 Jul 2019 11:56

Instrument :

MSVOA_X

ClientSampleId :

VX0722WBS01

Tot Ion: 105 Resp: 214941

Ion Ratio Lower Upper

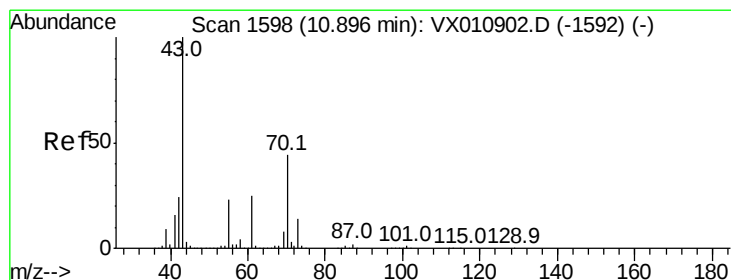
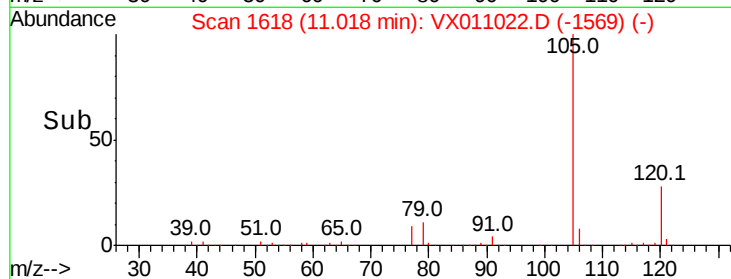
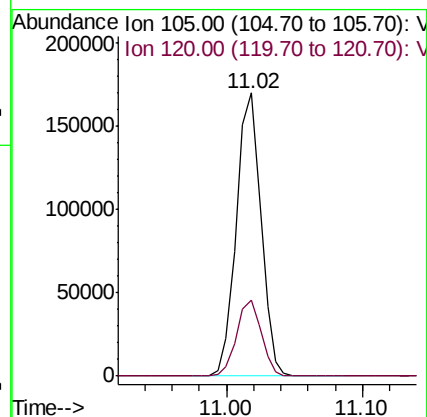
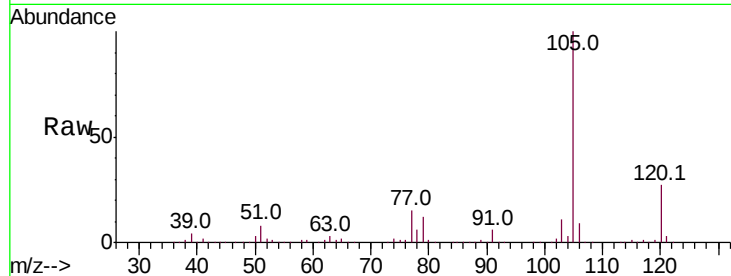
105 100

120 26.8 13.7 41.1

Manual Integrations
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7/23/2019 11:09:17 AM



#74

N-ethyl acetate

Concen: 18.496 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX011022.D

Acq: 22 Jul 2019 11:56

Tgt Ion: 43 Resp: 80173

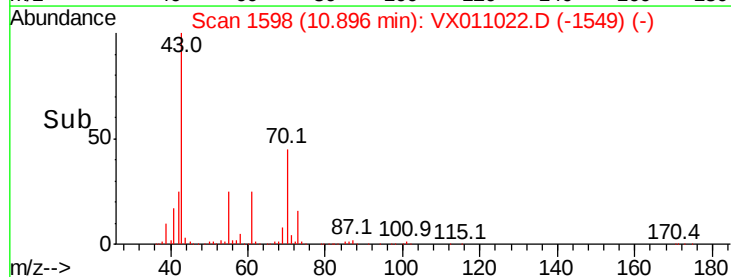
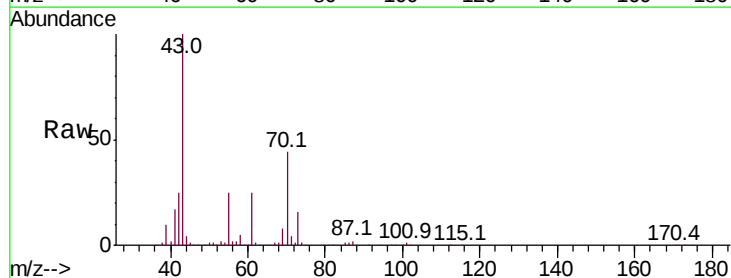
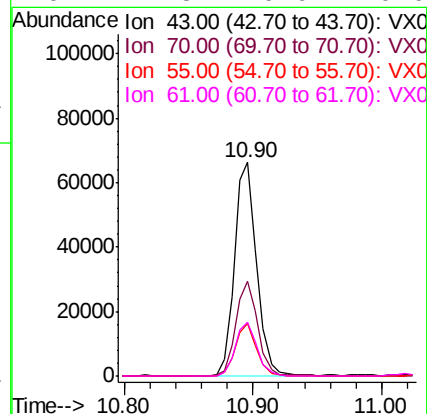
Ion Ratio Lower Upper

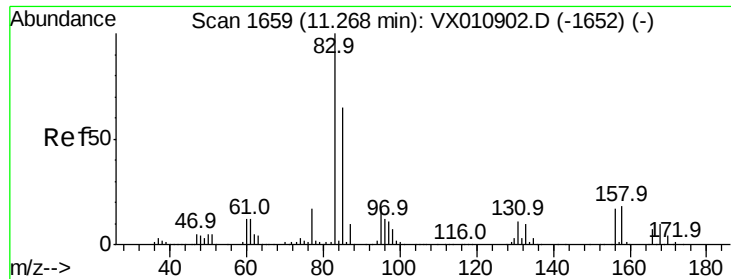
43 100

70 44.0 34.7 52.1

55 23.9 19.1 28.7

61 24.8 19.9 29.9





#75

1,1,2,2-Tetrachloroethane

Concen: 18.510 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX011022.D

Acq: 22 Jul 2019 11:56

Instrument :

MSVOA_X

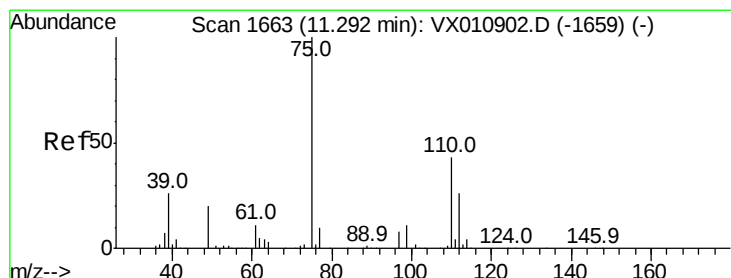
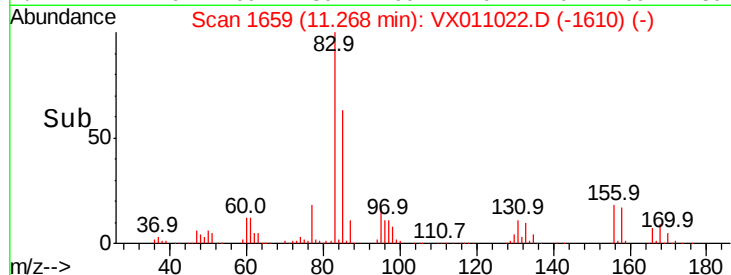
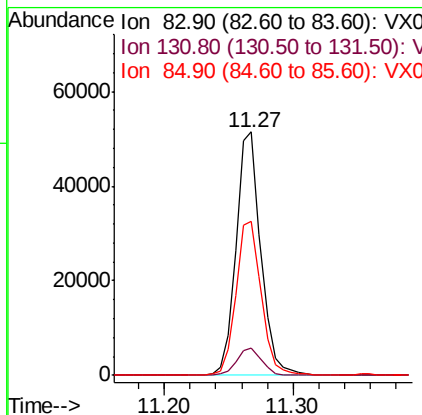
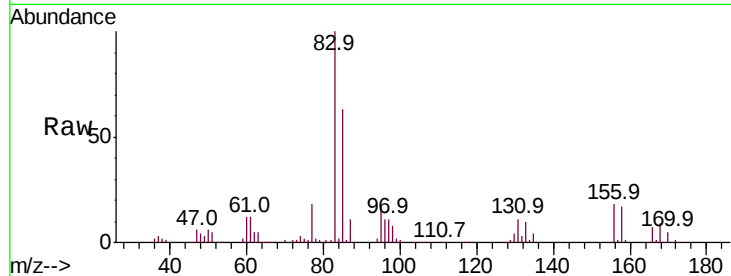
ClientSampleId :

VX0722WBS01

Tot Ion:	83	Resp:	68722
Ion Ratio	Lower	Upper	
83	100		
131	11.2	5.5	16.4
85	64.7	32.3	96.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 19.042 ug/l m

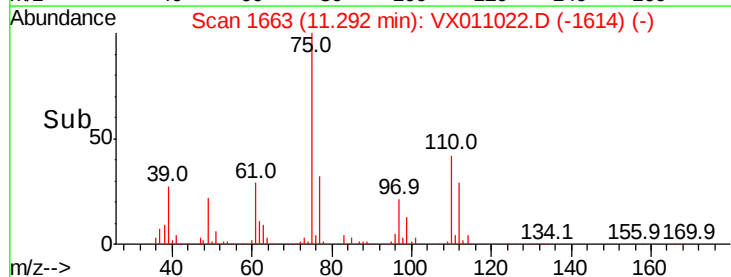
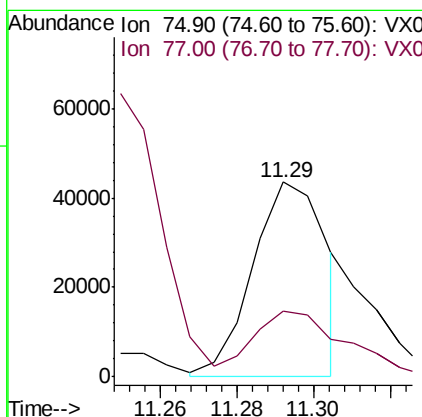
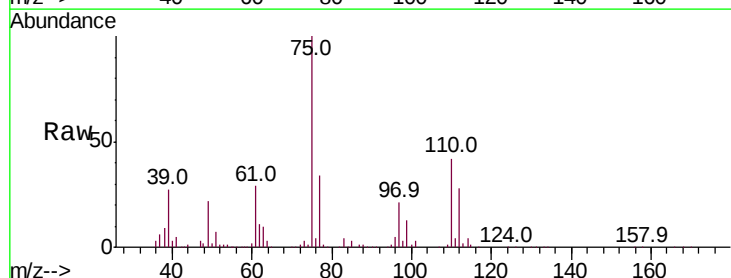
RT: 11.29 min Scan# 1663

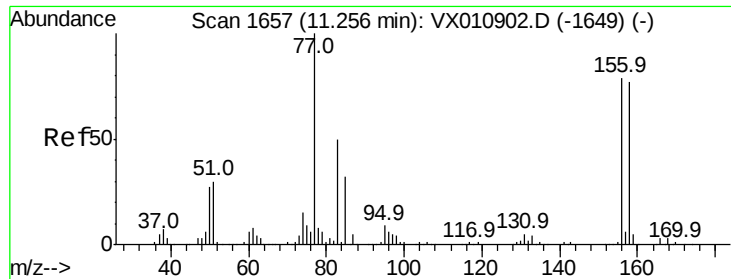
Delta R.T. -0.00 min

Lab File: VX011022.D

Acq: 22 Jul 2019 11:56

Tgt Ion:	75	Resp:	57693
Ion Ratio	Lower	Upper	
75	100		
77	43.3	21.3	64.0





#77

Bromobenzene

Concen: 18.252 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX011022.D

Acq: 22 Jul 2019 11:56

Instrument :

MSVOA_X

ClientSampleId :

VX0722WBS01

Tot Ion:156 Resp: 57115

Ion Ratio Lower Upper

156 100

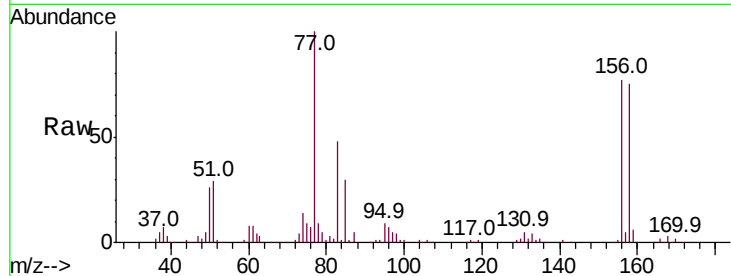
77 140.1 68.7 206.1

158 96.0 47.9 143.7

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MMDadoda

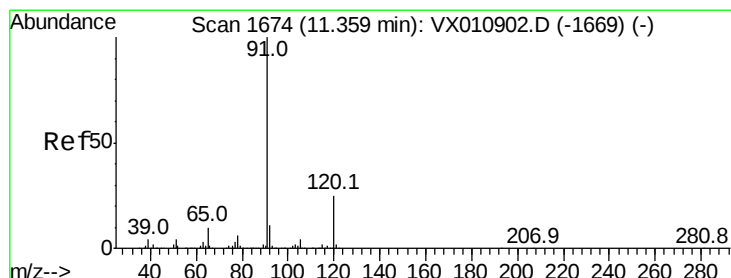
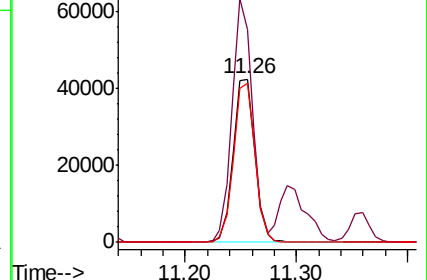
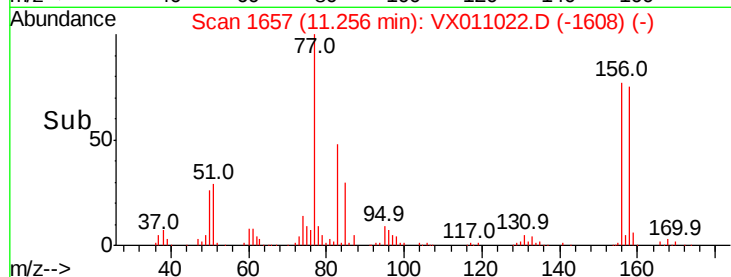
7/23/2019 11:09:17 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.077 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX011022.D

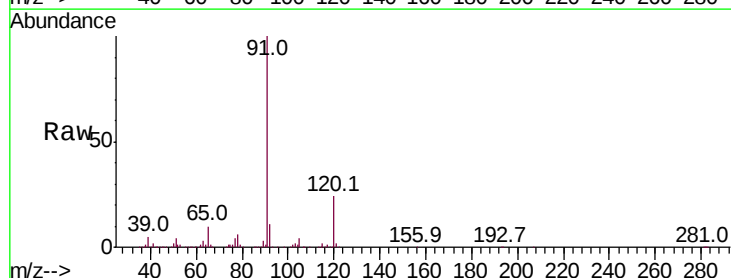
Acq: 22 Jul 2019 11:56

Tgt Ion: 91 Resp: 239134

Ion Ratio Lower Upper

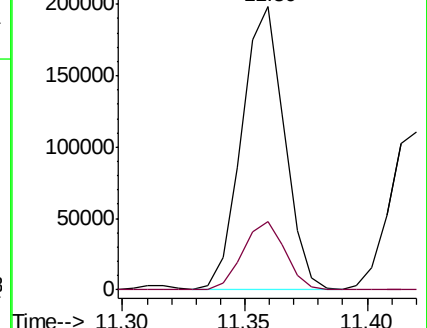
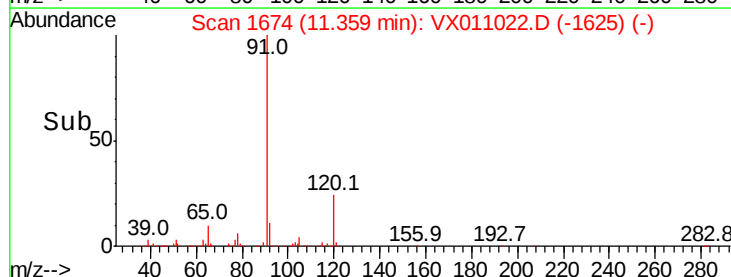
91 100

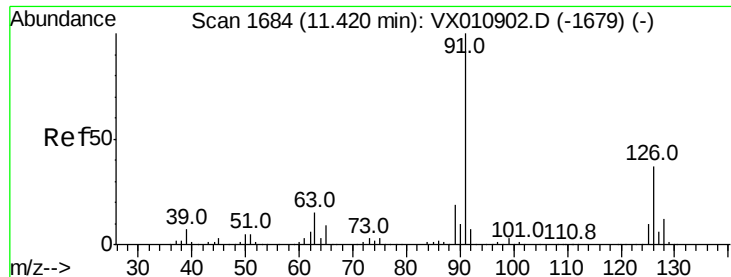
120 24.3 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.791 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX011022.D

Acq: 22 Jul 2019 11:56

Instrument :

MSVOA_X

ClientSampled :

VX0722WBS01

Tot Ion: 91 Resp: 141497

Ion Ratio Lower Upper

91 100

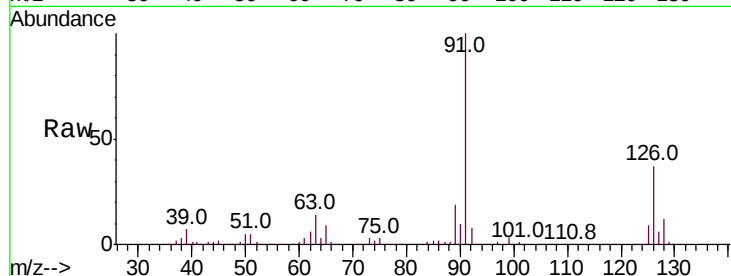
126 36.5 18.0 54.0

Manual Integrations

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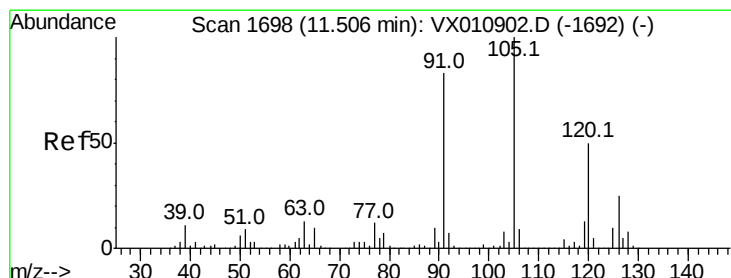
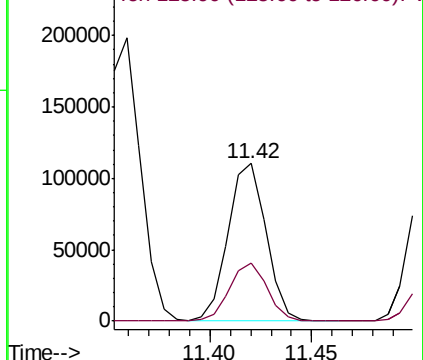
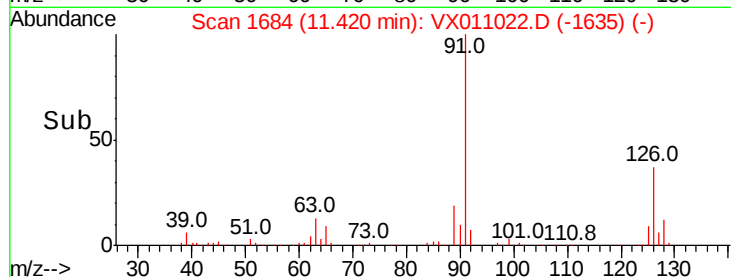
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Abundance Ion 91.00 (90.70 to 91.70): VX011022.D (-1635) (-)

Ion 125.90 (125.60 to 126.60): VX011022.D (-1635) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.083 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX011022.D

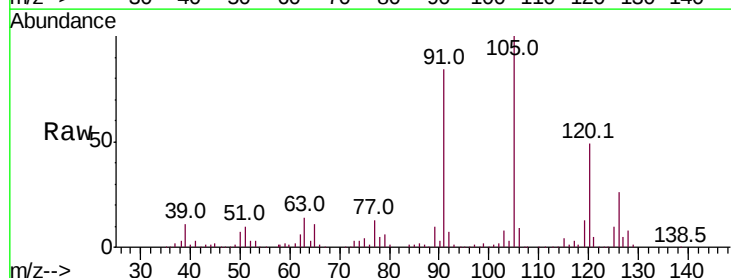
Acq: 22 Jul 2019 11:56

Tgt Ion:105 Resp: 180898

Ion Ratio Lower Upper

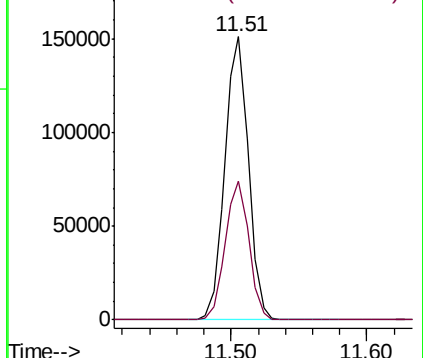
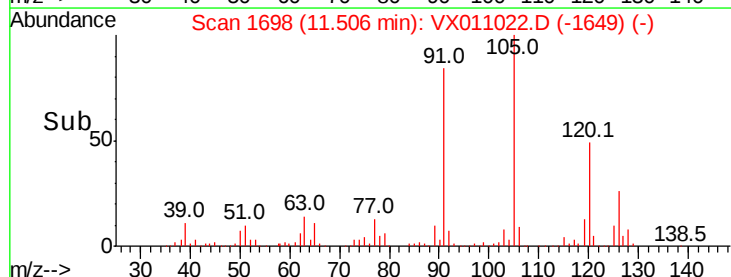
105 100

120 49.6 24.6 73.8



Abundance Ion 105.00 (104.70 to 105.70): VX011022.D (-1649) (-)

Ion 120.00 (119.70 to 120.70): VX011022.D (-1649) (-)





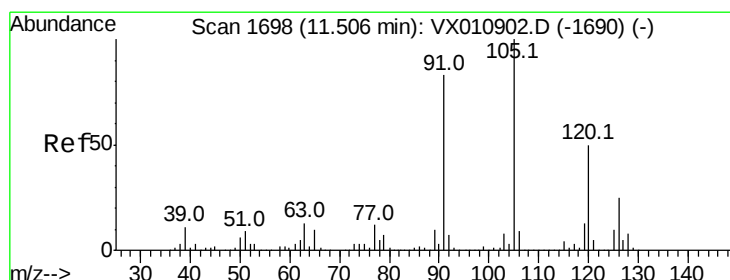
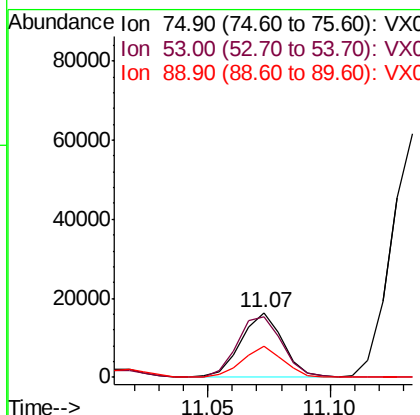
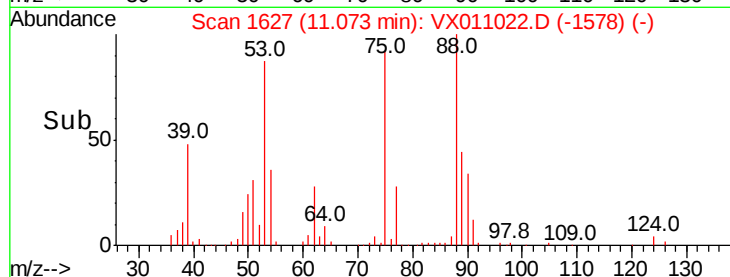
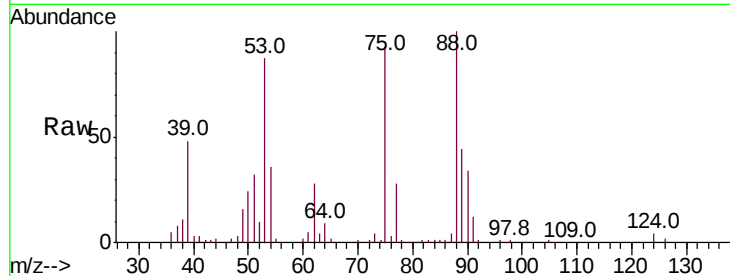
#81
trans-1,4-Dichloro-2-butene
Concen: 18.886 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX011022.D
Acq: 22 Jul 2019 11:56

Instrument :
MSVOA_X
ClientSampleId :
VX0722WBS01

Tot Ion: 75 Resp: 19367
Ion Ratio Lower Upper
75 100
53 100.0 76.7 115.1
89 47.3 38.5 57.7

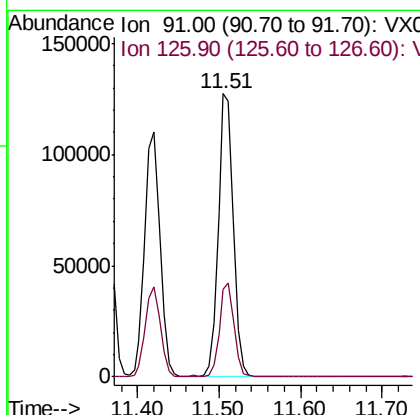
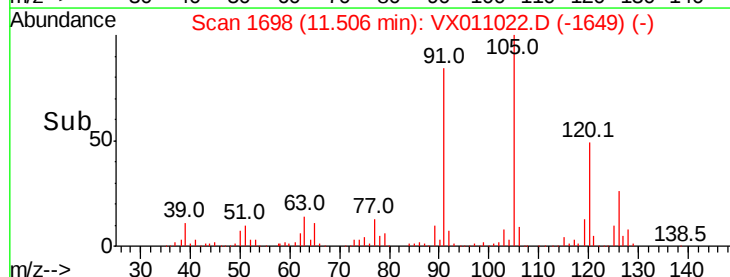
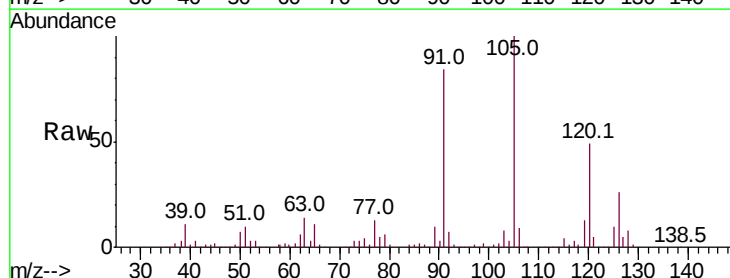
Manual Integrations
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#82
4-Chlorotoluene
Concen: 18.979 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX011022.D
Acq: 22 Jul 2019 11:56

Tgt Ion: 91 Resp: 166338
Ion Ratio Lower Upper
91 100
126 31.8 15.9 47.7





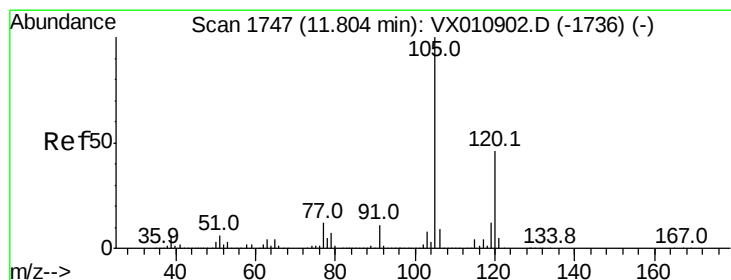
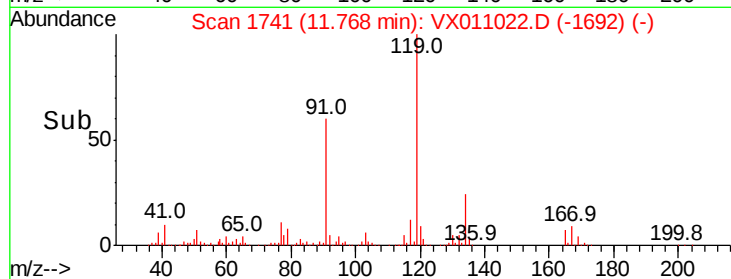
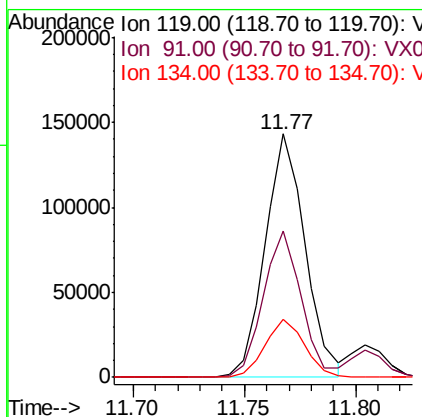
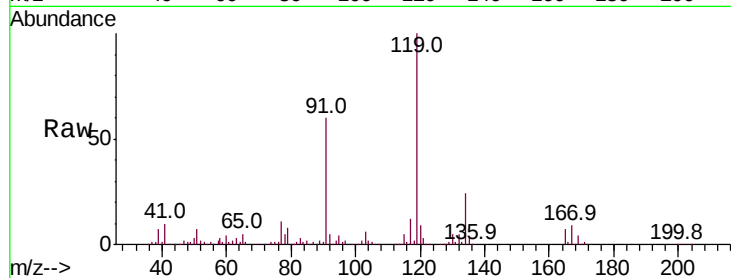
#83
tert-Butylbenzene
Concen: 19.184 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX011022.D
Acq: 22 Jul 2019 11:56

Instrument :
MSVOA_X
ClientSampleId :
VX0722WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	178633		
91	57.8	28.6	85.8	
134	23.6	11.6	34.8	

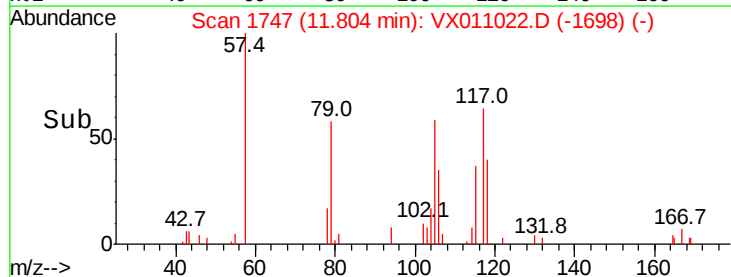
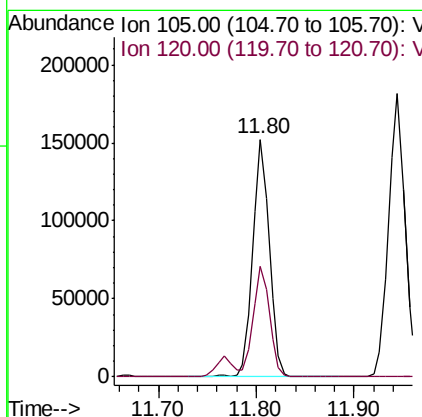
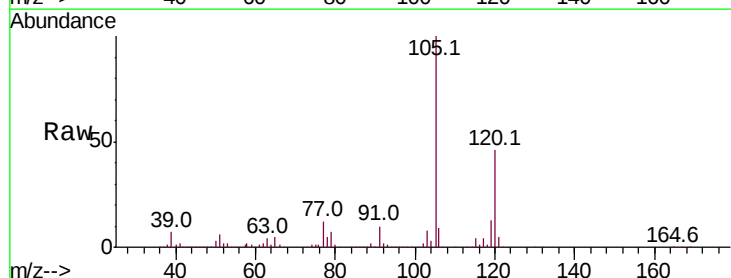
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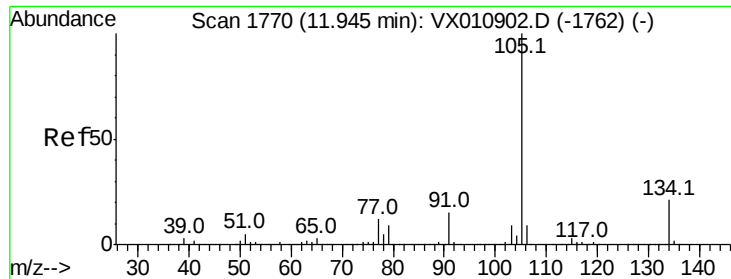
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#84
1,2,4-Trimethylbenzene
Concen: 18.857 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX011022.D
Acq: 22 Jul 2019 11:56

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	180166		
120	45.1	22.9	68.5	





#85

sec-Butylbenzene

Concen: 19.410 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX011022.D

Acq: 22 Jul 2019 11:56

Instrument :

MSVOA_X

ClientSampleId :

VX0722WBS01

Tot Ion:105 Resp: 211773

Ion Ratio Lower Upper

105 100

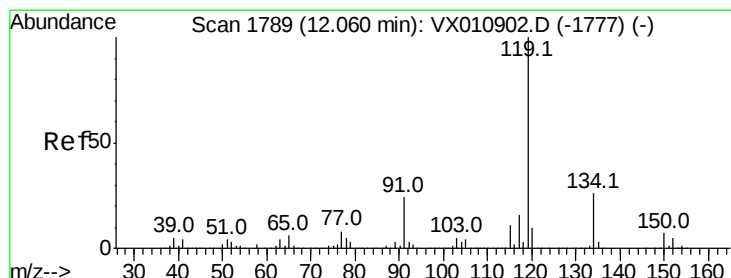
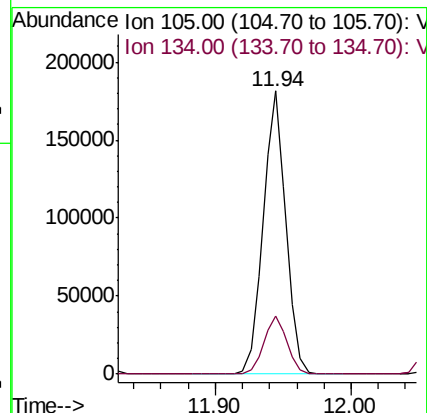
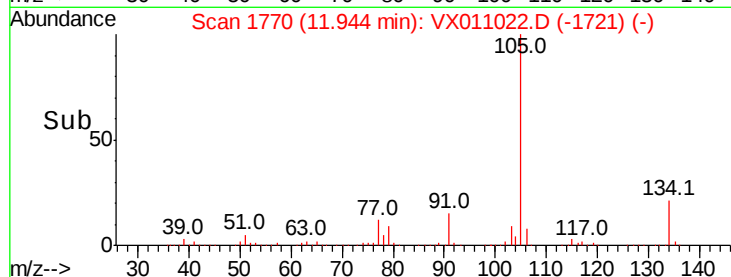
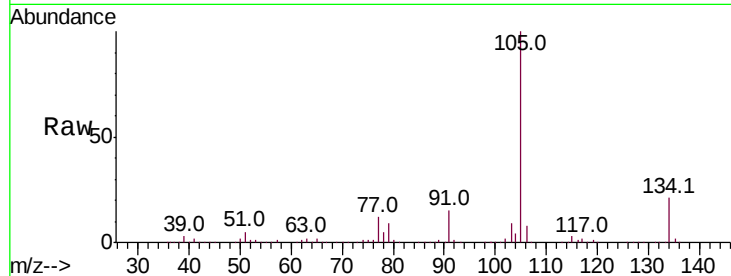
134 20.8 10.4 31.4

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 19.253 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX011022.D

Acq: 22 Jul 2019 11:56

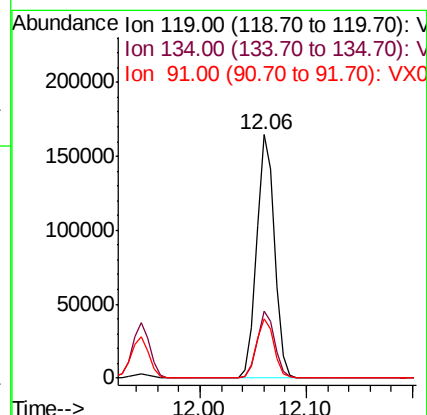
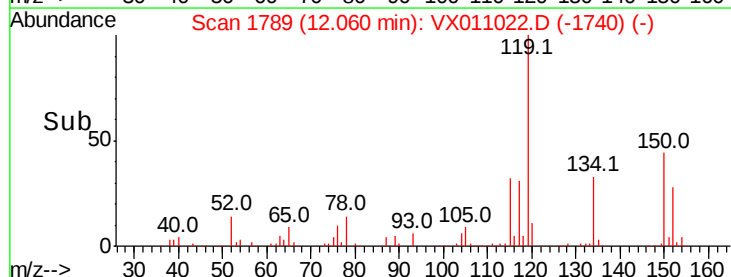
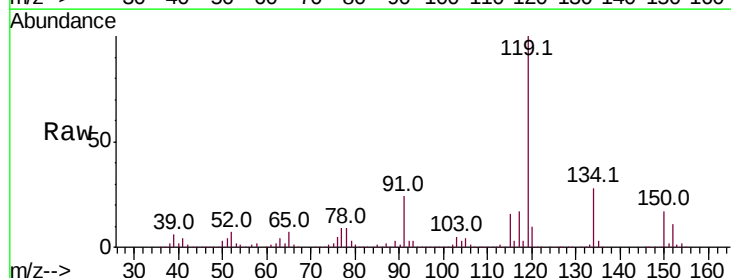
Tgt Ion:119 Resp: 194203

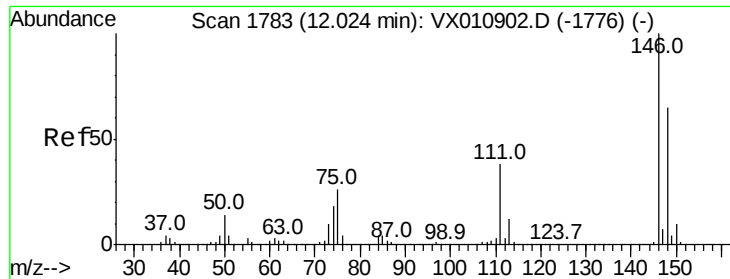
Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.1

91 24.6 11.8 35.4





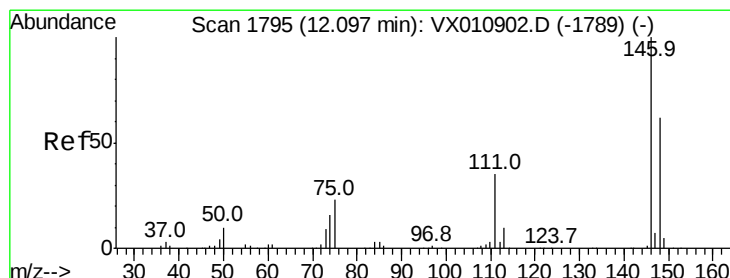
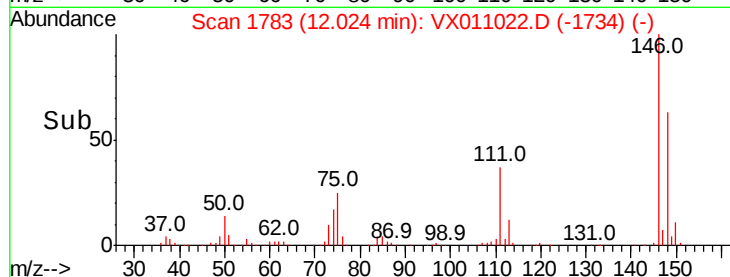
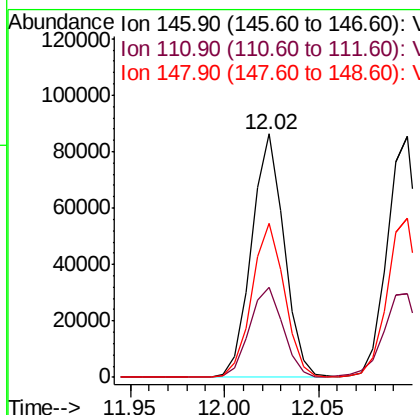
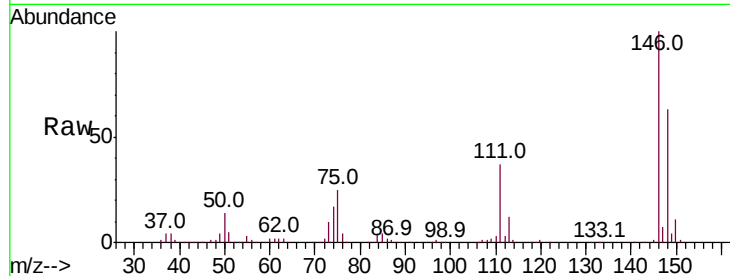
#87
 1,3-Dichlorobenzene
 Concen: 18.964 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX011022.D
 Acq: 22 Jul 2019 11:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0722WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.3	18.9	56.9
148	63.7	32.2	96.6

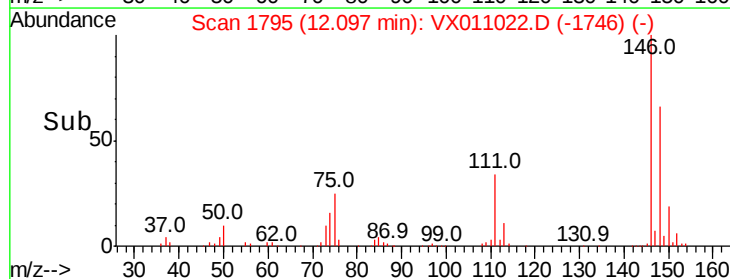
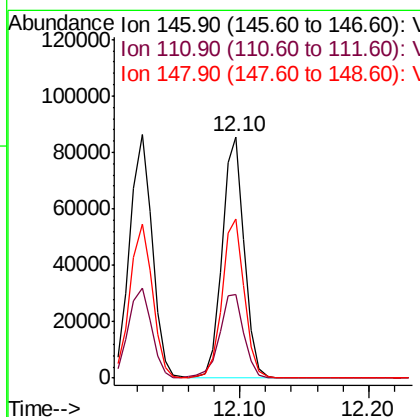
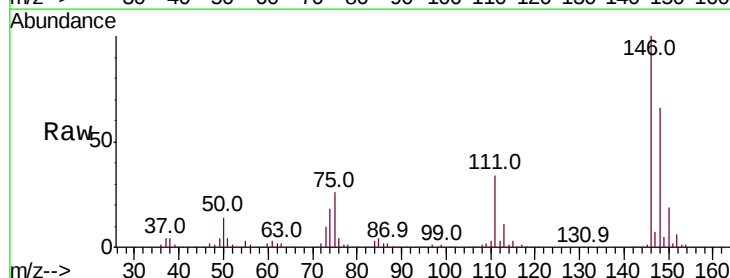
Manual Integrations
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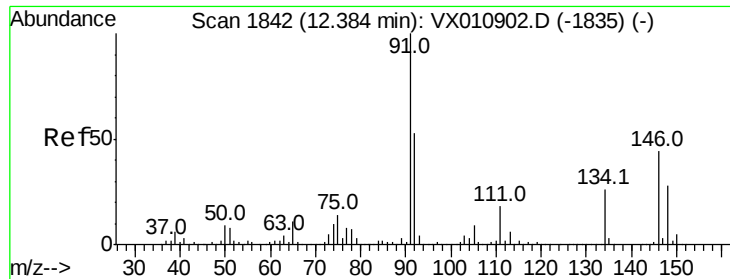
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#88
 1,4-Dichlorobenzene
 Concen: 18.510 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX011022.D
 Acq: 22 Jul 2019 11:56

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.6	18.6	55.8
148	66.2	31.6	94.7





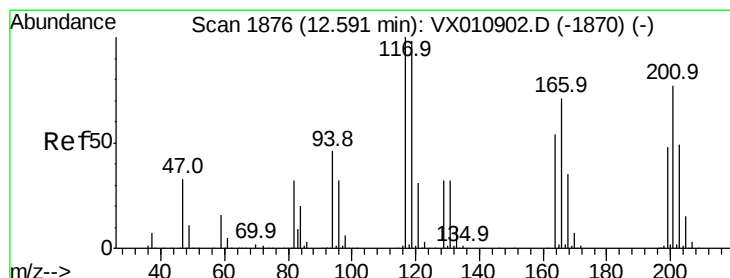
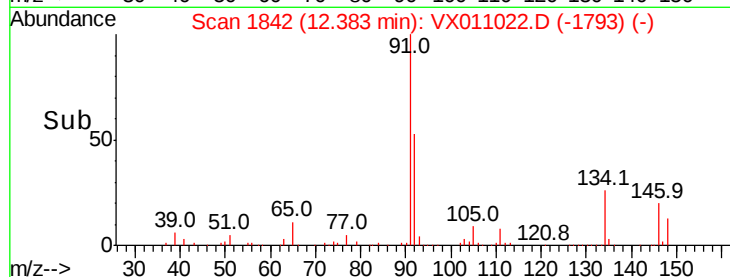
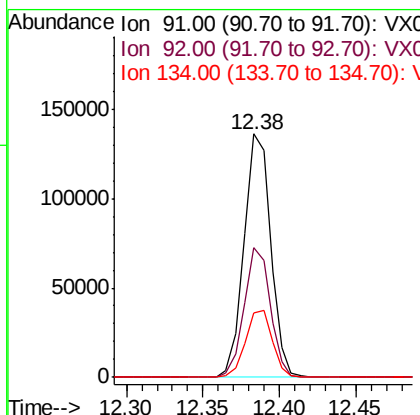
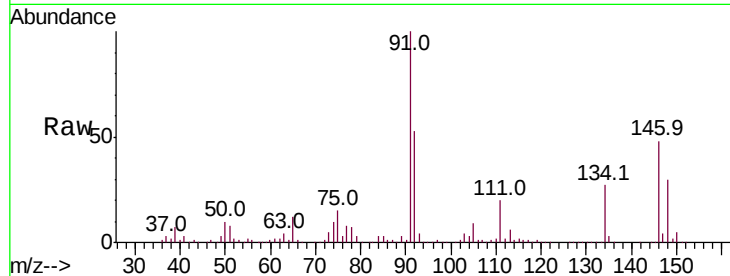
#89
n-Butylbenzene
Concen: 19.180 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX011022.D
Acq: 22 Jul 2019 11:56

Instrument :
MSVOA_X
ClientSampleId :
VX0722WBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	165510		
92	52.2		26.2	78.5
134	27.8		13.8	41.3

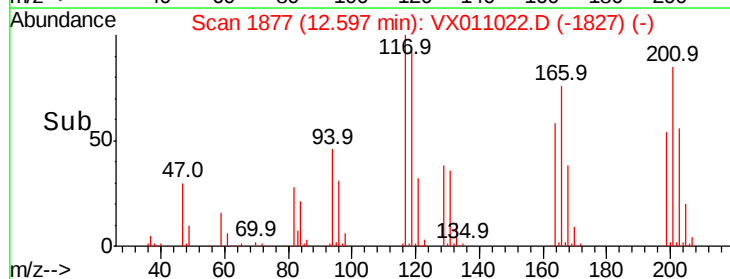
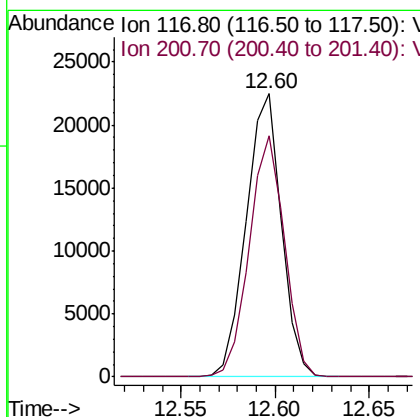
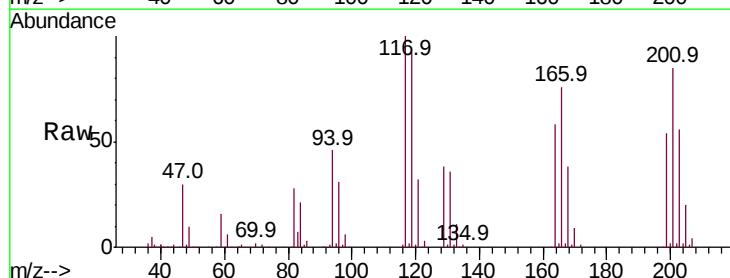
Manual Integrations
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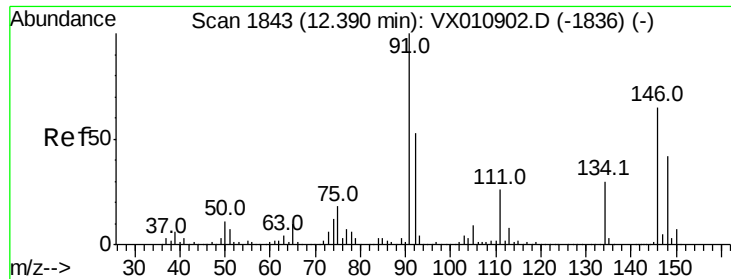
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#90
Hexachloroethane
Concen: 18.321 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.01 min
Lab File: VX011022.D
Acq: 22 Jul 2019 11:56

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	29148		
201	84.8		43.3	129.8





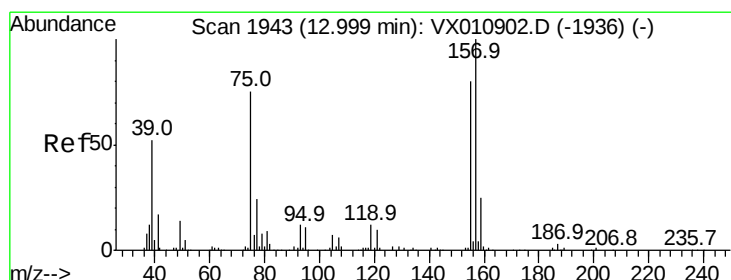
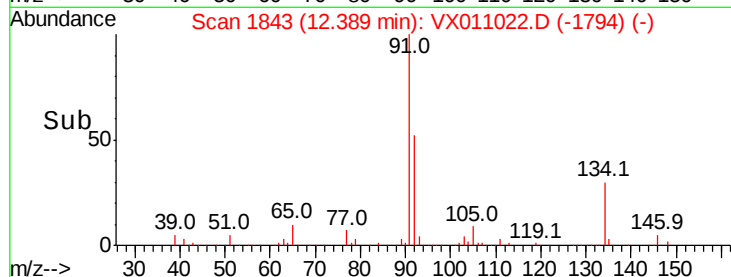
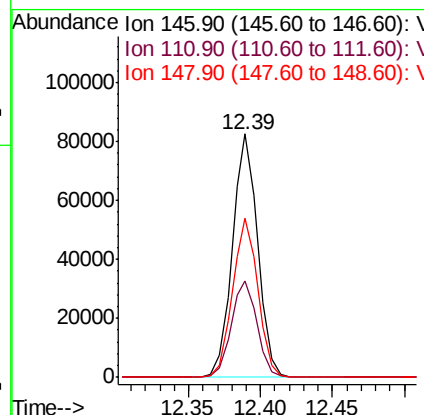
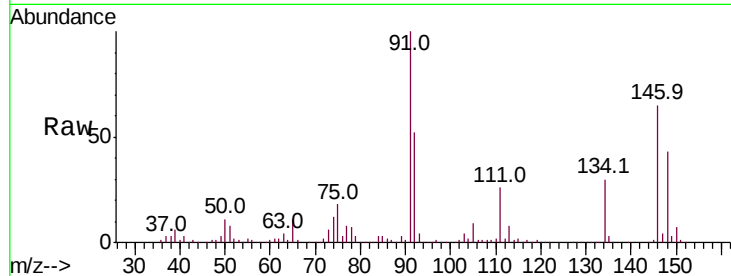
#91
 1,2-Dichlorobenzene
 Concen: 18.949 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX011022.D
 Acq: 22 Jul 2019 11:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0722WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.3	19.9	59.7
148	65.2	32.0	96.2

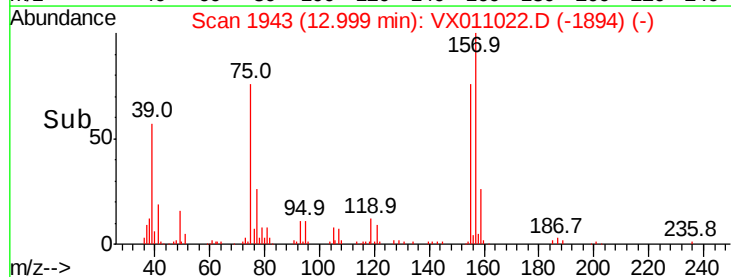
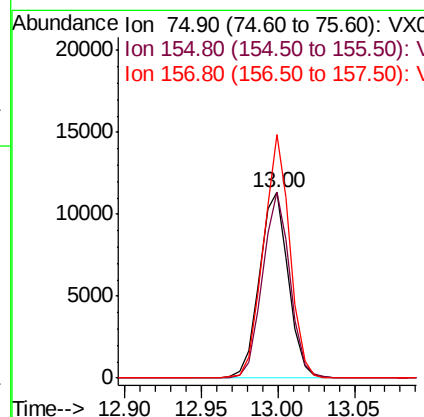
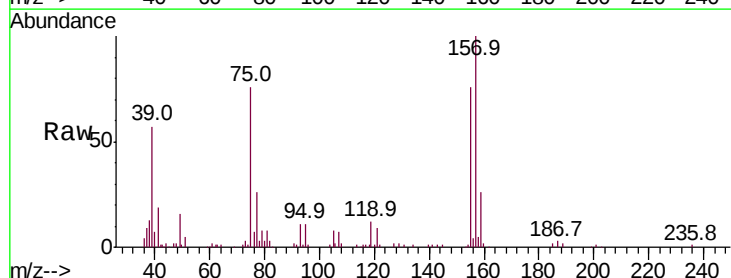
Manual Integrations
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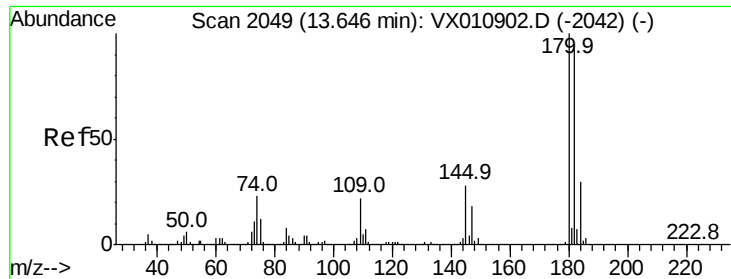
MMDadoda
 7/23/2019 11:09:17 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.216 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX011022.D
 Acq: 22 Jul 2019 11:56

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.5	48.7	146.1
157	120.1	62.5	187.6





#93

1,2,4-Trichlorobenzene

Concen: 19.426 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. -0.00 min

Lab File: VX011022.D

Acq: 22 Jul 2019 11:56

Instrument :

MSVOA_X

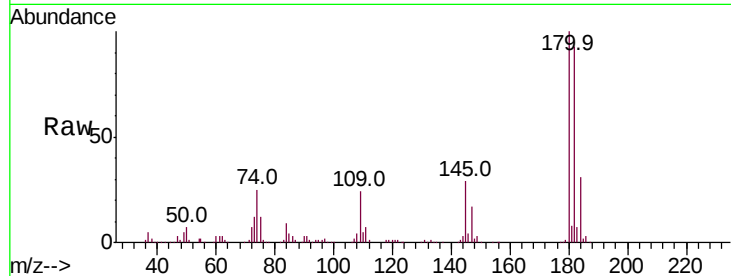
ClientSampleId :

VX0722WBS01

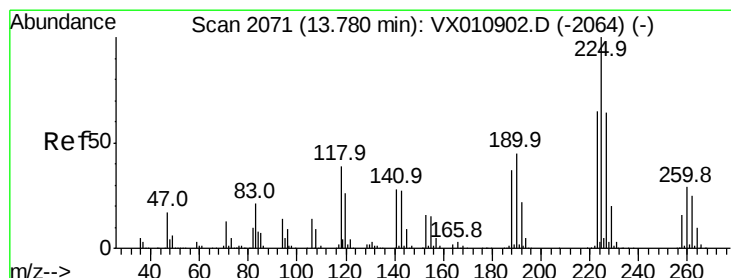
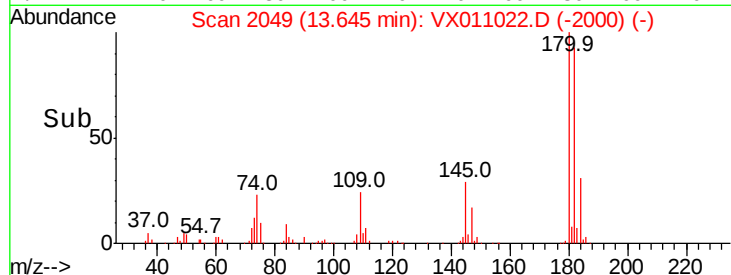
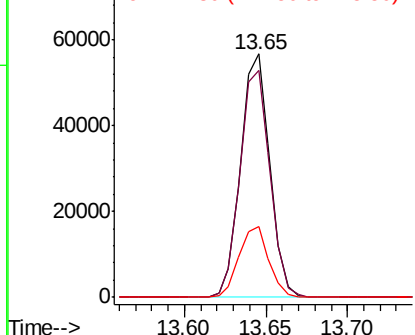
Tot Ion:	180	Resp:	70855
Ion Ratio	Lower	Upper	
180	100		
182	95.8	47.1	141.3
145	29.7	14.8	44.4

Manual Integrations
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Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 19.212 ug/l

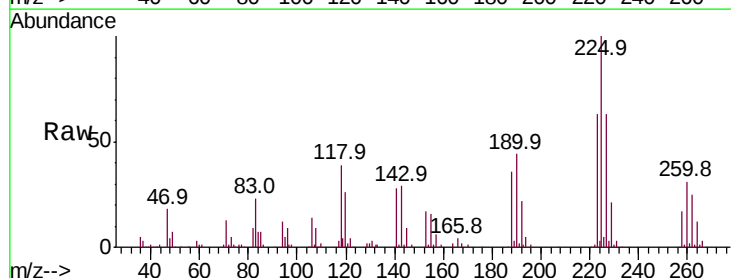
RT: 13.78 min Scan# 2071

Delta R.T. -0.00 min

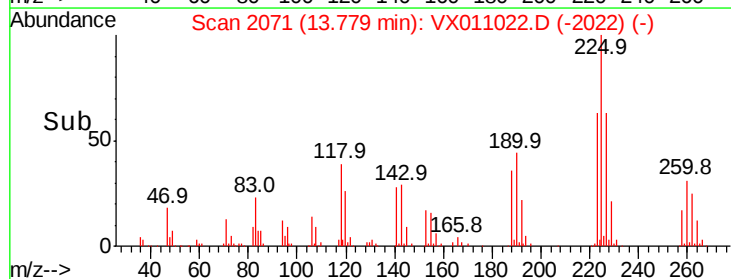
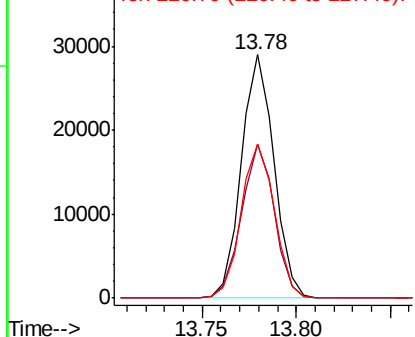
Lab File: VX011022.D

Acq: 22 Jul 2019 11:56

Tgt Ion:	225	Resp:	34726
Ion Ratio	Lower	Upper	
225	100		
223	63.6	31.9	95.9
227	64.6	32.5	97.4



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





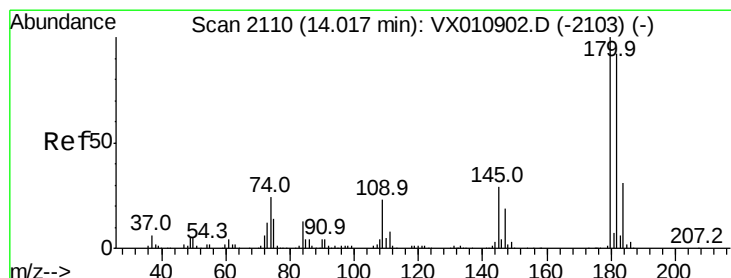
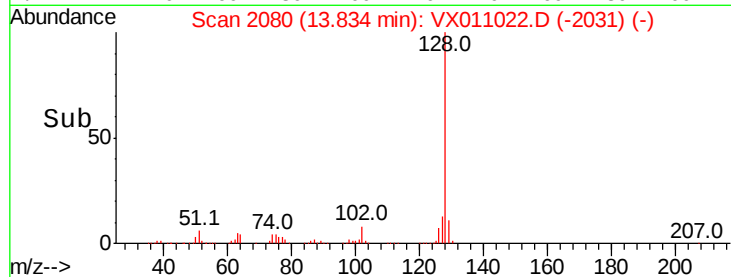
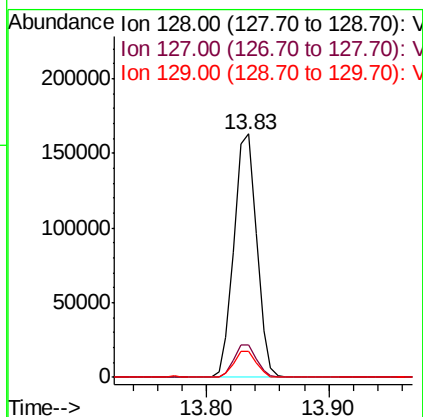
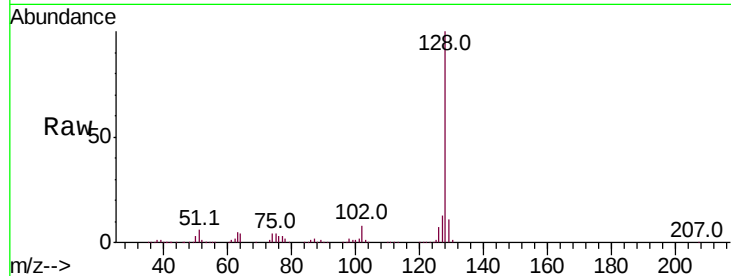
#95
Naphthalene
Concen: 19.406 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX011022.D
Acq: 22 Jul 2019 11:56

Instrument :
MSVOA_X
ClientSampleId :
VX0722WBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	209025		
127	13.3		10.4	15.6
129	10.7		8.9	13.3

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#96
1,2,3-Trichlorobenzene
Concen: 20.010 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX011022.D
Acq: 22 Jul 2019 11:56

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	72622		
182	93.1		47.4	142.3
145	30.8		15.1	45.3

