

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072919\
 Data File : VX011163.D
 Acq On : 29 Jul 2019 23:12
 Operator : JC/SP
 Sample : VX0729WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0729WBS02

Manual Integrations
 APPROVED

MMDadoda
 7/30/2019 11:17:45 AM

Quant Time: Jul 30 06:49:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 24 05:39:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	184684	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	277781	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	255240	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	132964	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	103626	52.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.48%	
35) Dibromofluoromethane	5.50	113	92719	52.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.18%	
50) Toluene-d8	8.71	98	341517	51.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.28%	
62) 4-Bromofluorobenzene	11.13	95	125191	51.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.00%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	33951	17.598	ug/l 98
3) Chloromethane	1.33	50	32036	18.863	ug/l 98
4) Vinyl Chloride	1.41	62	33389	19.274	ug/l 99
5) Bromomethane	1.64	94	21679	22.208	ug/l 99
6) Chloroethane	1.72	64	23438	21.291	ug/l 99
7) Trichlorofluoromethane	1.93	101	59869	20.417	ug/l 97
8) Diethyl Ether	2.19	74	20465	20.256	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	32661	19.507	ug/l 97
10) Methyl Iodide	2.51	142	26979	12.279	ug/l 100
11) Tert butyl alcohol	3.04	59	46977	102.665	ug/l 100
12) 1,1-Dichloroethene	2.37	96	32157	19.548	ug/l 95
13) Acrolein	2.29	56	16218	61.346	ug/l 99
14) Allyl chloride	2.73	41	46181	19.327	ug/l 98
15) Acrylonitrile	3.14	53	96849	104.745	ug/l 99
16) Acetone	2.45	43	80304	90.496	ug/l 98
17) Carbon Disulfide	2.57	76	65489	15.520	ug/l 99
18) Methyl Acetate	2.78	43	46920	23.221	ug/l 97
19) Methyl tert-butyl Ether	3.20	73	106127	20.040	ug/l 98
20) Methylene Chloride	2.85	84	36703	19.517	ug/l 99
21) trans-1,2-Dichloroethene	3.17	96	32420	18.574	ug/l 98
22) Diisopropyl ether	3.85	45	103668	20.571	ug/l 100
23) Vinyl Acetate	3.82	43	421807	98.785	ug/l 100
24) 1,1-Dichloroethane	3.70	63	58311	19.924	ug/l 99
25) 2-Butanone	4.67	43	128950	101.231	ug/l 100
26) 2,2-Dichloropropane	4.59	77	37154	15.461	ug/l 97
27) cis-1,2-Dichloroethene	4.60	96	40368	19.983	ug/l 96
28) Bromochloromethane	5.02	49	25024	18.144	ug/l 96
29) Tetrahydrofuran	5.13	42	82149	101.810	ug/l 99
30) Chloroform	5.21	83	63842	20.181	ug/l 99
31) Cyclohexane	5.57	56	48507	18.183	ug/l 99
32) 1,1,1-Trichloroethane	5.49	97	53539	19.562	ug/l 99
36) 1,1-Dichloropropene	5.80	75	44239	19.388	ug/l 99
37) Ethyl Acetate	4.83	43	47691	20.412	ug/l 98
38) Carbon Tetrachloride	5.79	117	46522	19.566	ug/l 98

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Manual Integrations
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 Quant Title : SW846 8260
 QLast Update : Wed Jul 24 05:39:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	52344	17.690	ug/l	98
40) Benzene	6.14	78	138200	19.773	ug/l	98
41) Methacrylonitrile	5.04	41	26300	19.829	ug/l	99
42) 1,2-Dichloroethane	6.19	62	49751	20.472	ug/l	100
43) Isopropyl Acetate	6.45	43	75291	19.598	ug/l	99
44) Trichloroethene	7.21	130	39270	18.981	ug/l	93
45) 1,2-Dichloropropane	7.51	63	35385	19.891	ug/l	97
46) Dibromomethane	7.66	93	25918	20.389	ug/l	98
47) Bromodichloromethane	7.90	83	44757	19.780	ug/l	97
48) Methyl methacrylate	7.77	41	36779	19.652	ug/l	98
49) 1,4-Dioxane	7.74	88	21589	412.391	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	260746	104.701	ug/l	99
52) Toluene	8.78	92	88885	19.358	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	44308	18.211	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	51188	18.907	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	38240	20.227	ug/l	98
56) Ethyl methacrylate	9.18	69	55085	19.919	ug/l	99
57) 1,3-Dichloropropane	9.37	76	61086	20.368	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	127326	96.452	ug/l	99
59) 2-Hexanone	9.49	43	203207	105.202	ug/l	99
60) Dibromochloromethane	9.58	129	38702	19.416	ug/l	99
61) 1,2-Dibromoethane	9.67	107	41133	20.501	ug/l	98
64) Tetrachloroethene	9.34	164	40004	19.923	ug/l	97
65) Chlorobenzene	10.13	112	101405	19.343	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	36925	20.041	ug/l	98
67) Ethyl Benzene	10.25	91	174010	19.501	ug/l	99
68) m/p-Xylenes	10.36	106	133678	39.054	ug/l	98
69) o-Xylene	10.69	106	64446	19.292	ug/l	99
70) Styrene	10.71	104	111351	19.996	ug/l	99
71) Bromoform	10.85	173	27274	17.978	ug/l #	100
73) Isopropylbenzene	11.02	105	177045	19.706	ug/l	100
74) N-amyl acetate	10.90	43	67203	19.576	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	61283	20.843	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	50389m	21.001	ug/l	
77) Bromobenzene	11.25	156	47887	19.323	ug/l	99
78) n-propylbenzene	11.36	91	193314	19.474	ug/l	99
79) 2-Chlorotoluene	11.42	91	116170	19.481	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	147098	19.594	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	13227	16.835	ug/l #	87
82) 4-Chlorotoluene	11.51	91	134835	19.427	ug/l	99
83) tert-Butylbenzene	11.77	119	146220	19.829	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	148556	19.633	ug/l	99
85) sec-Butylbenzene	11.94	105	171905	19.895	ug/l	99
86) p-Isopropyltoluene	12.06	119	157535	19.721	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	84425	19.630	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	84808	19.227	ug/l	97
89) n-Butylbenzene	12.38	91	130497	19.095	ug/l	98
90) Hexachloroethane	12.59	117	23080	18.318	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	85936	20.162	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	12350	20.095	ug/l	99

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Instrument :
MSVOA_X
ClientSampleId :
VX0729WBS02

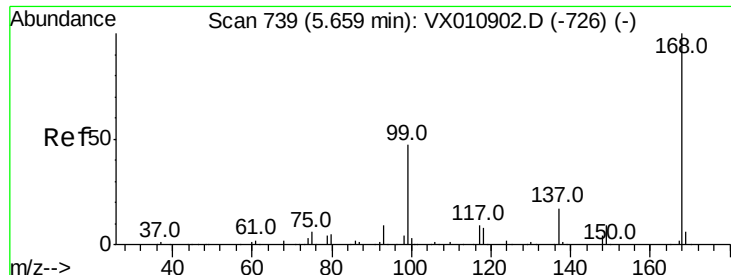
Manual Integrations
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7/30/2019 11:17:45 AM

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Quant Title : SW846 8260
QLast Update : Wed Jul 24 05:39:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	56672	19.619	ug/l	99
94) Hexachlorobutadiene	13.78	225	28114	19.640	ug/l	98
95) Naphthalene	13.83	128	176738	20.720	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	59477	20.694	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.00 min

Lab File: VX011163.D

Acq: 29 Jul 2019 23:12

Instrument :

MSVOA_X

ClientSampleId :

VX0729WBS02

Tot Ion:168 Resp: 184684

Ion Ratio Lower Upper

168 100

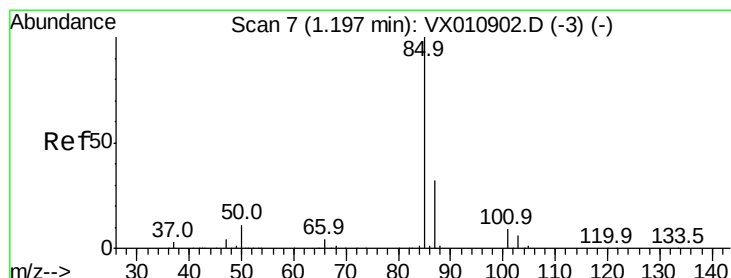
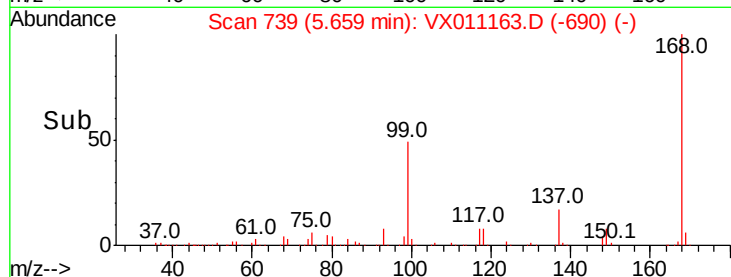
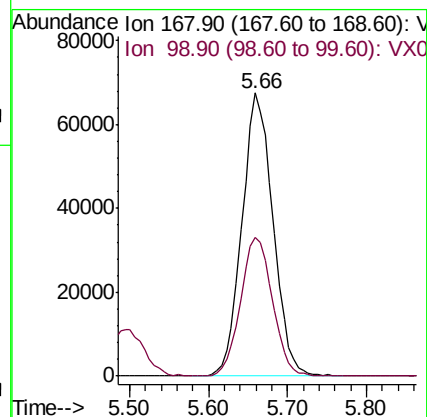
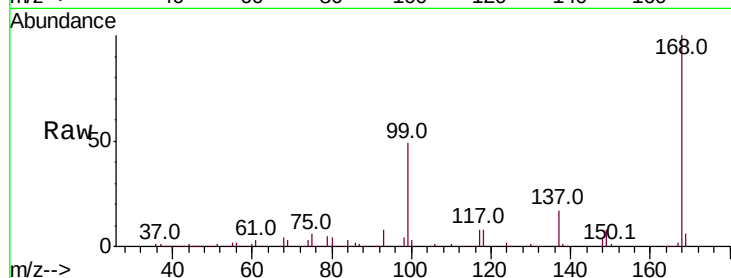
99 49.2 37.6 56.4

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#2

Dichlorodifluoromethane

Concen: 17.598 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX011163.D

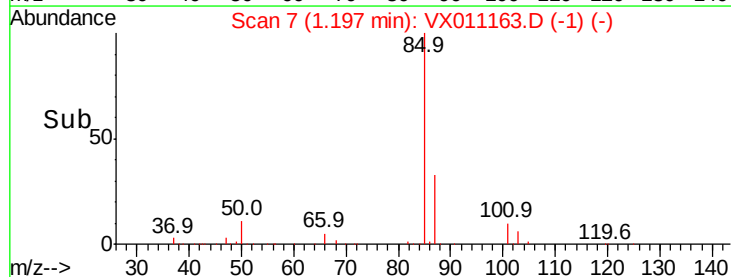
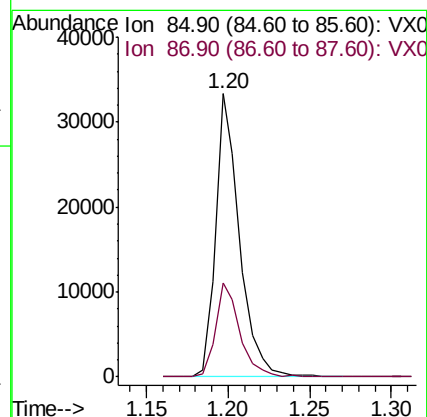
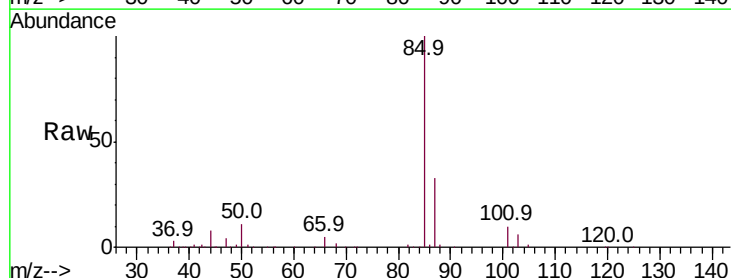
Acq: 29 Jul 2019 23:12

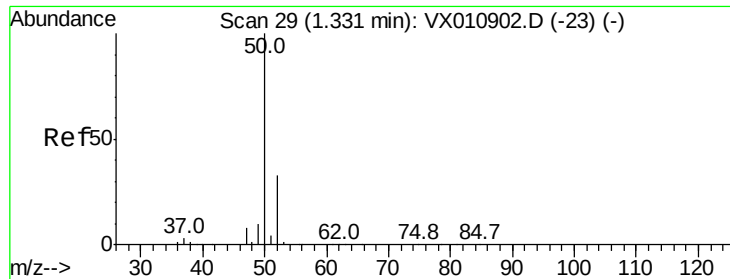
Tgt Ion: 85 Resp: 33951

Ion Ratio Lower Upper

85 100

87 33.1 15.9 47.7





#3

Chloromethane

Concen: 18.863 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX011163.D

Acq: 29 Jul 2019 23:12

Instrument :

MSVOA_X

ClientSampleId :

VX0729WBS02

Tot Ion: 50 Resp: 32036

Ion Ratio Lower Upper

50 100

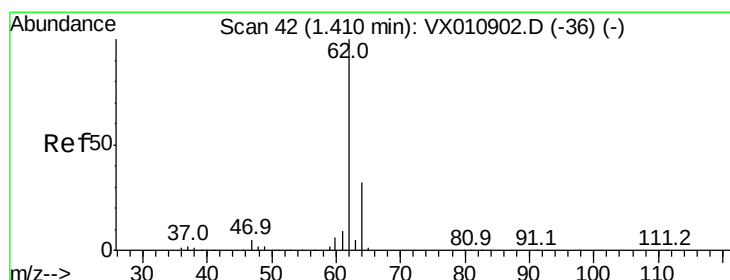
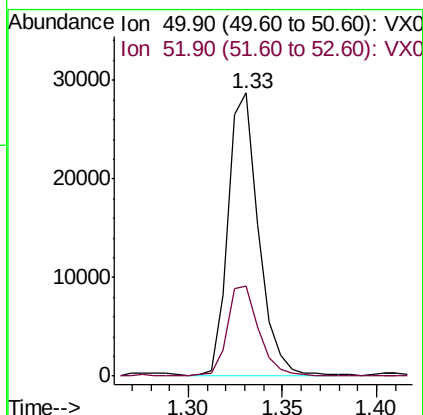
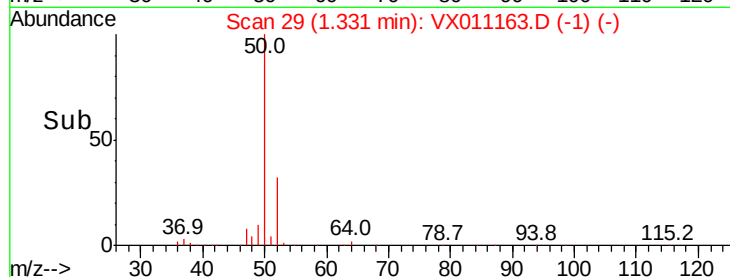
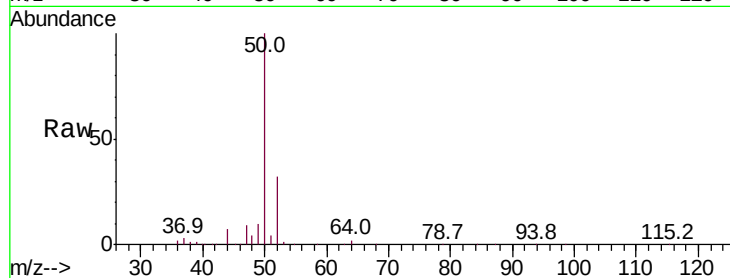
52 31.9 26.4 39.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 19.274 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX011163.D

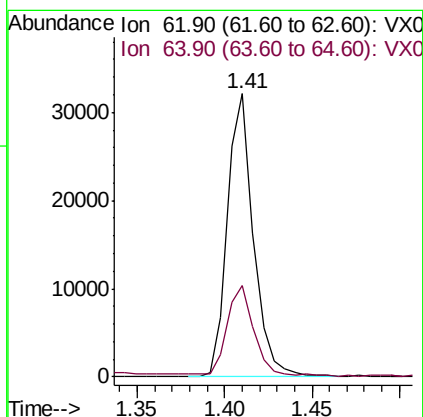
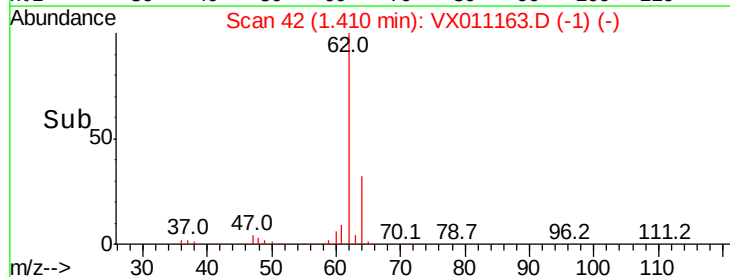
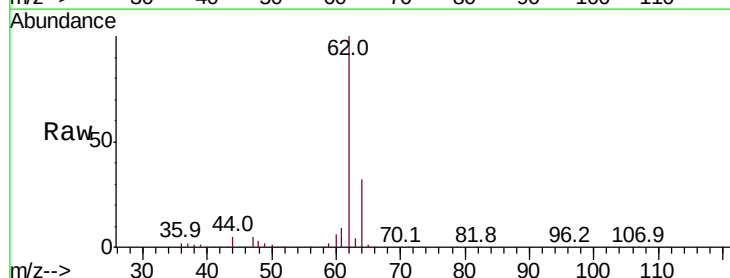
Acq: 29 Jul 2019 23:12

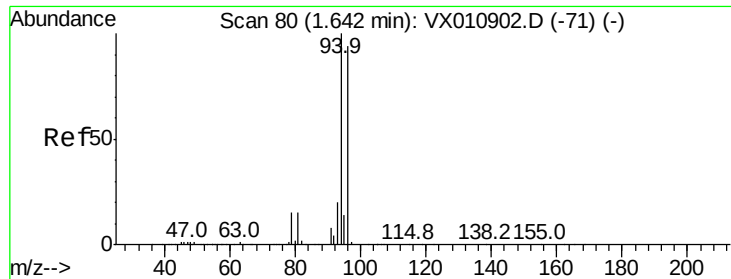
Tgt Ion: 62 Resp: 33389

Ion Ratio Lower Upper

62 100

64 31.8 25.7 38.5





#5

Bromomethane

Concen: 22.208 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX011163.D

Acq: 29 Jul 2019 23:12

Instrument :

MSVOA_X

ClientSampleId :

VX0729WBS02

Tot Ion: 94 Resp: 21679

Ion Ratio Lower Upper

94 100

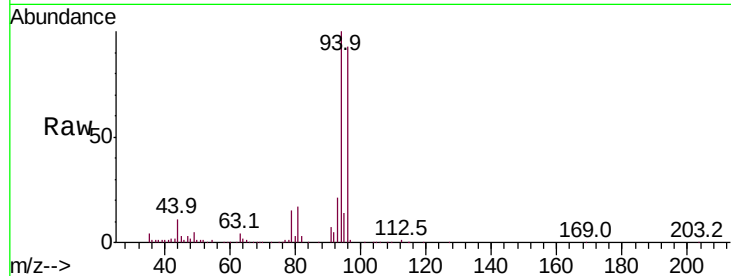
96 93.2 75.6 113.4

Manual Integrations

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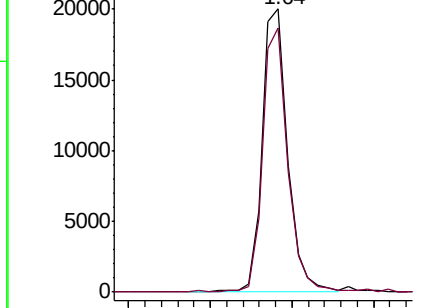
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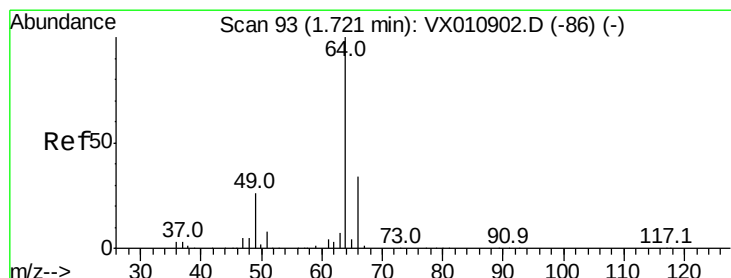
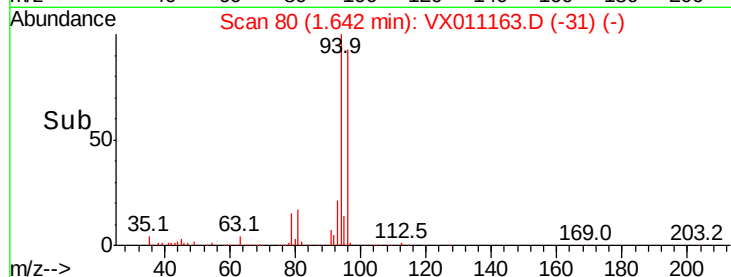


Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



Time-->



#6

Chloroethane

Concen: 21.291 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.00 min

Lab File: VX011163.D

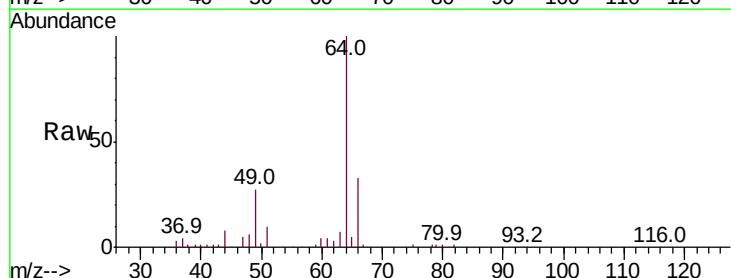
Acq: 29 Jul 2019 23:12

Tgt Ion: 64 Resp: 23438

Ion Ratio Lower Upper

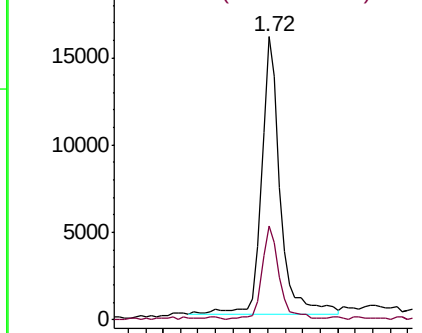
64 100

66 33.1 27.0 40.6

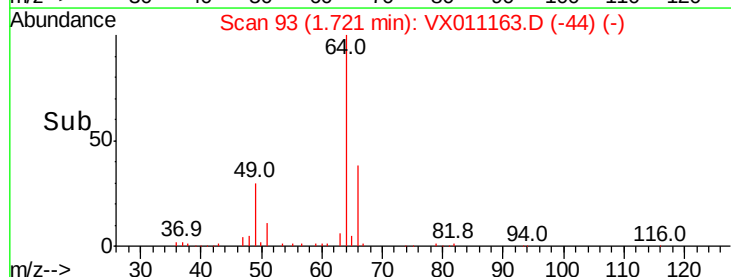


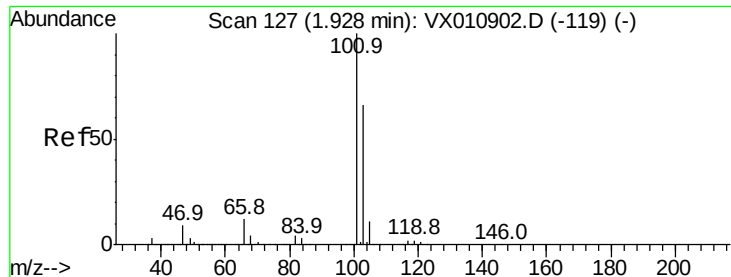
Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



Time-->





#7

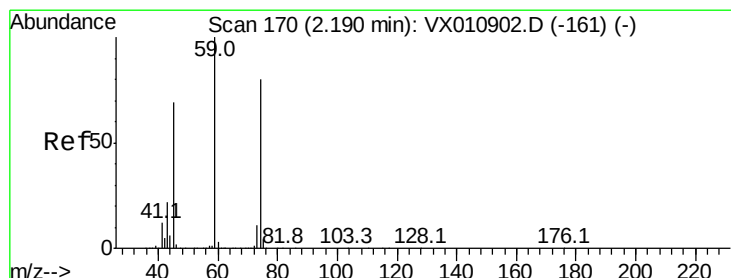
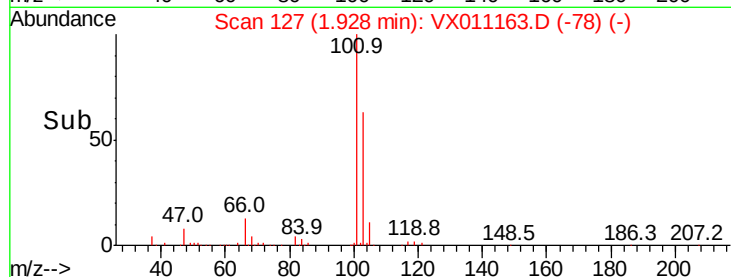
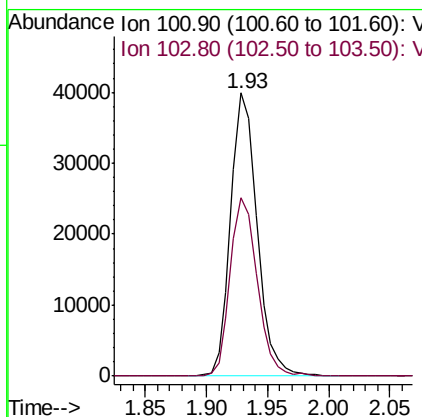
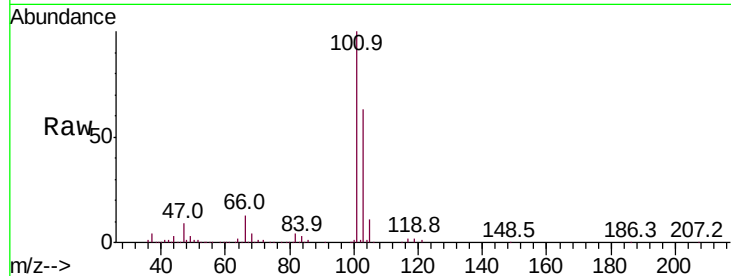
Trichlorofluoromethane
Concen: 20.417 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX011163.D
Acq: 29 Jul 2019 23:12

Instrument :
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ClientSampleId :
VX0729WBS02

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.9	52.6	78.8

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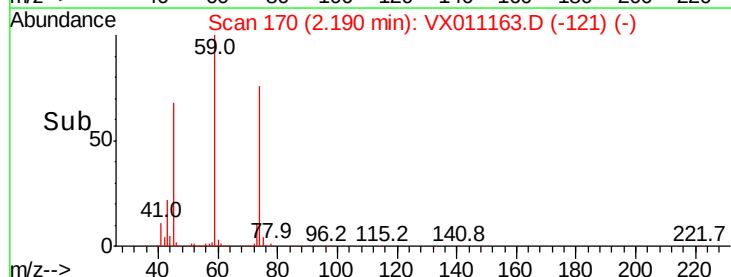
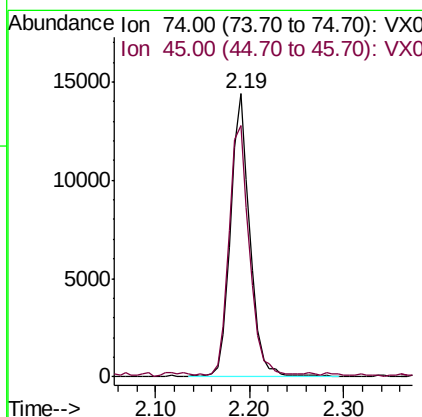
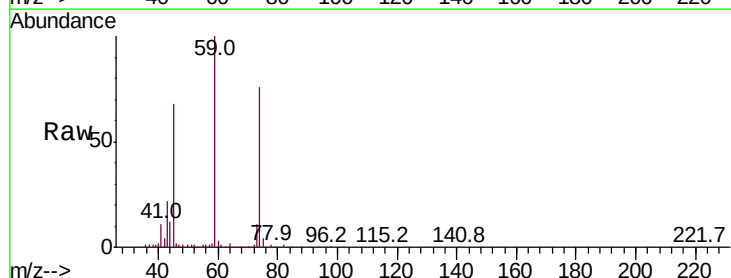
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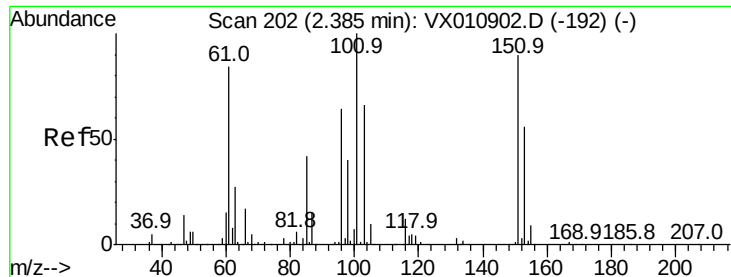


#8

Diethyl Ether
Concen: 20.256 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX011163.D
Acq: 29 Jul 2019 23:12

Tgt Ion	Ratio	Lower	Upper
74	100		
45	93.3	45.5	136.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.507 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX011163.D

Acq: 29 Jul 2019 23:12

Instrument :

MSVOA_X

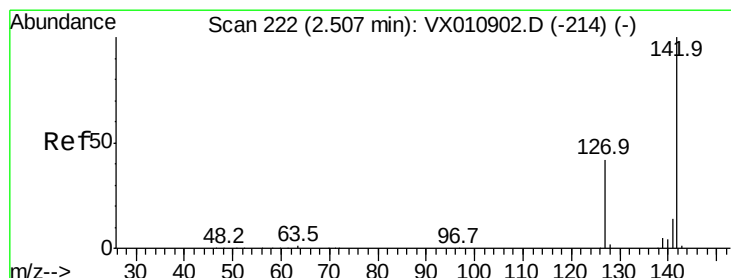
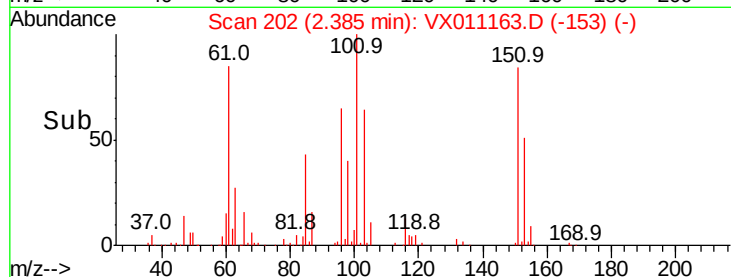
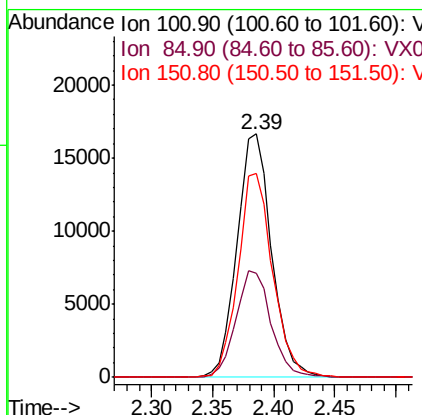
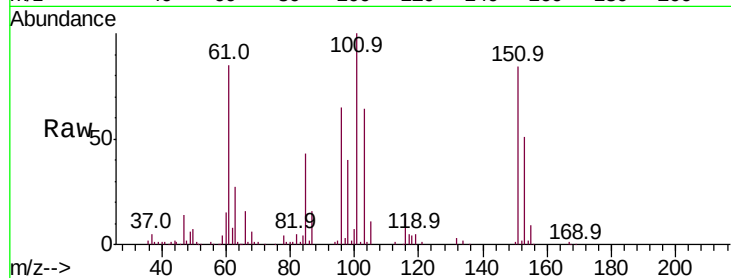
ClientSampleId :

VX0729WBS02

Tot Ion:	101	Resp:	32661
Ion Ratio	Lower	Upper	
101	100		
85	44.3	34.6	52.0
151	84.1	69.6	104.4

Manual Integrations
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7/30/2019 11:17:45 AM



#10

Methyl Iodide

Concen: 12.279 ug/l

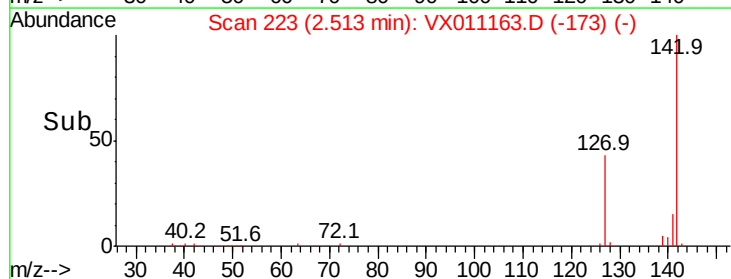
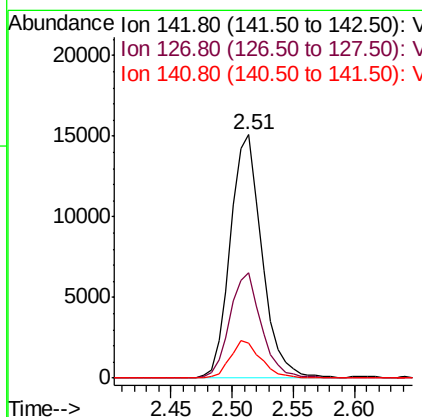
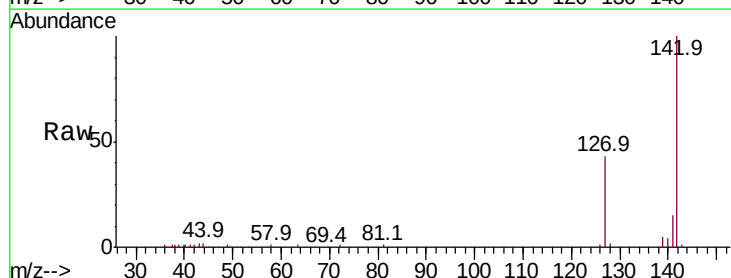
RT: 2.51 min Scan# 223

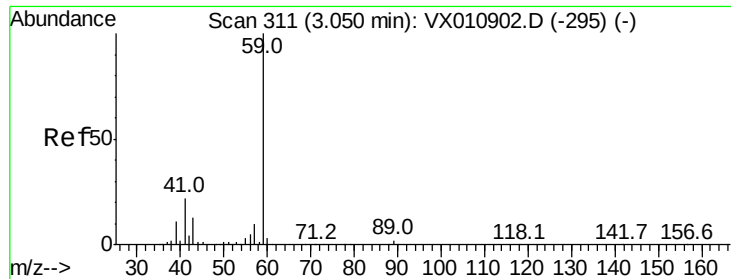
Delta R.T. 0.01 min

Lab File: VX011163.D

Acq: 29 Jul 2019 23:12

Tgt Ion:	142	Resp:	26979
Ion Ratio	Lower	Upper	
142	100		
127	43.0	34.2	51.4
141	14.7	11.7	17.5





#11

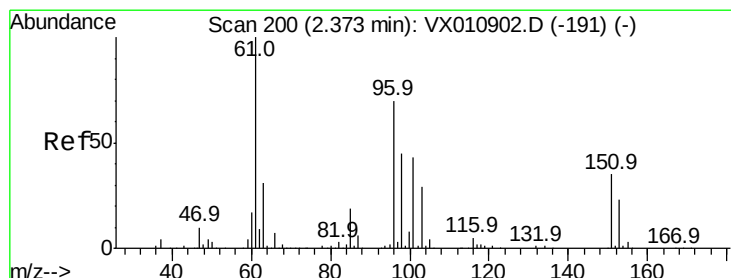
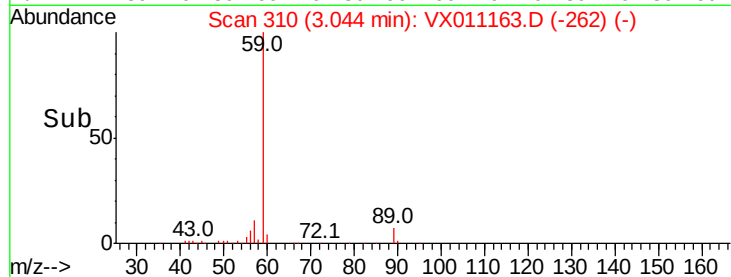
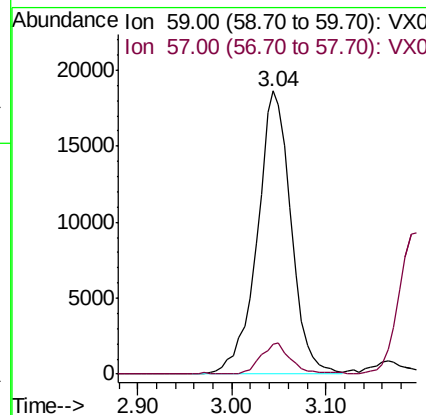
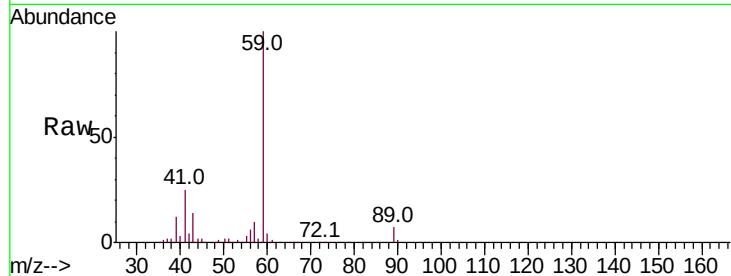
Tert butyl alcohol
 Concen: 102.665 ug/l
 RT: 3.04 min Scan# 310
 Delta R.T. -0.01 min
 Lab File: VX011163.D
 Acq: 29 Jul 2019 23:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0729WBS02

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.9	7.9	11.9

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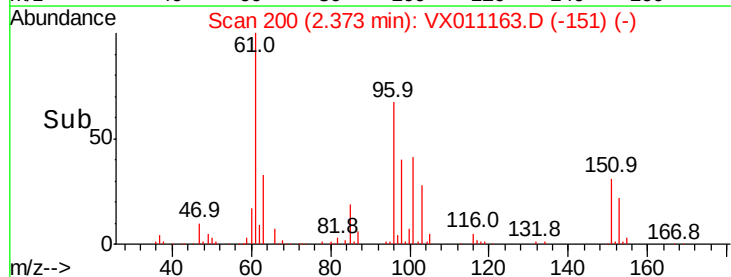
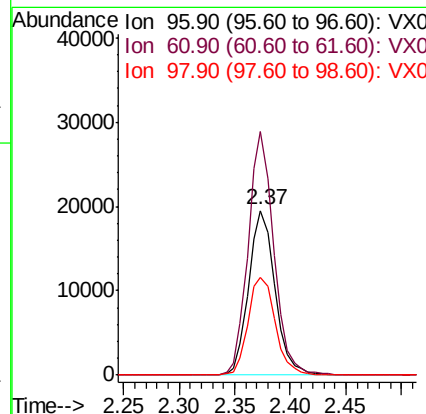
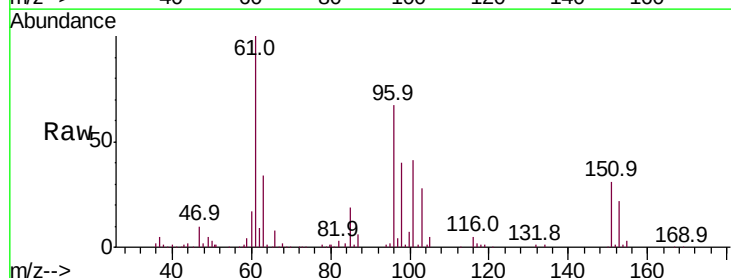
MMDadoda
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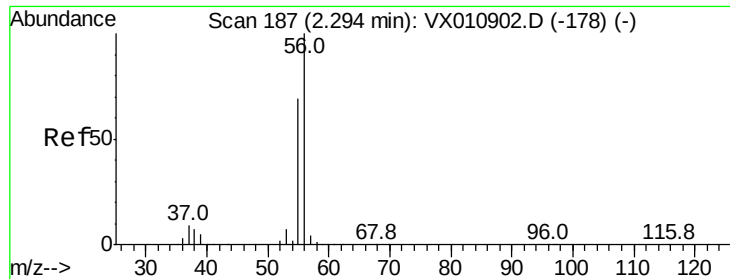


#12

1,1-Dichloroethene
 Concen: 19.548 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.00 min
 Lab File: VX011163.D
 Acq: 29 Jul 2019 23:12

Tgt Ion	Ratio	Lower	Upper
96	100		
61	148.2	115.0	172.4
98	59.5	52.2	78.2





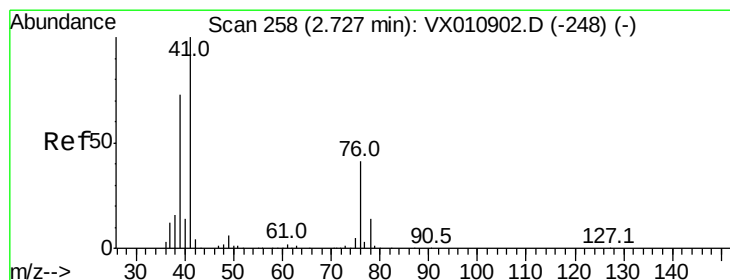
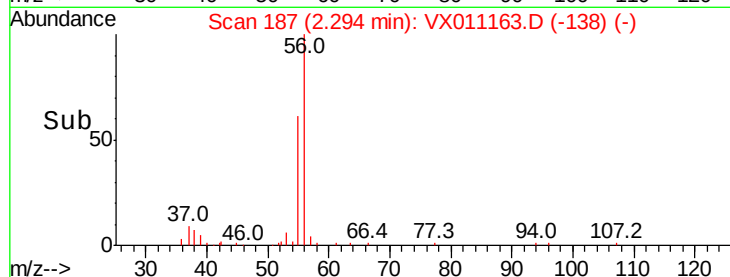
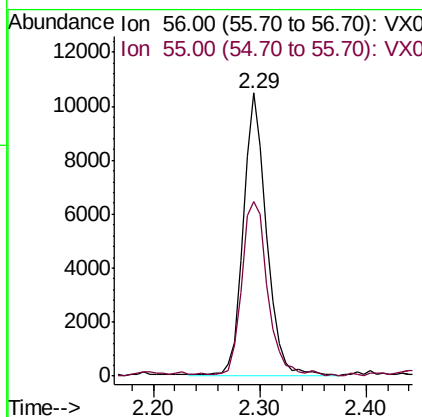
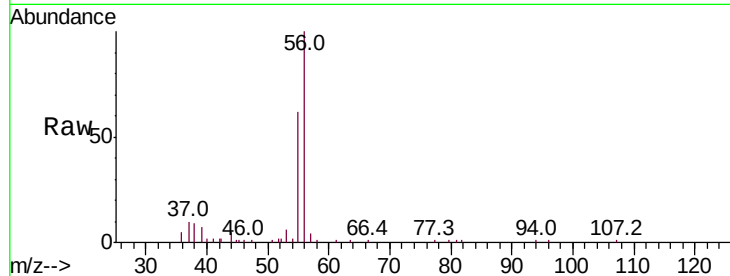
#13
Acrolein
Concen: 61.346 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX011163.D
Acq: 29 Jul 2019 23:12

Instrument :
MSVOA_X
ClientSampleId :
VX0729WBS02

Tot Ion	Ratio	Lower	Upper
56	100		
55	69.0	55.9	83.9

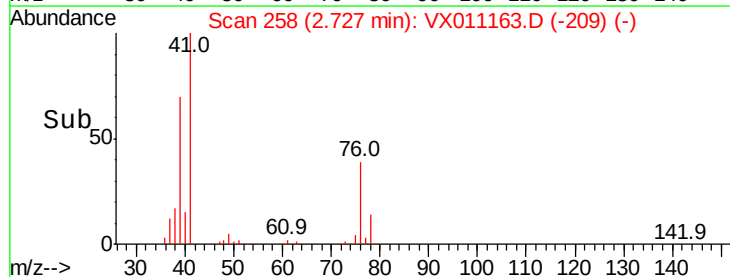
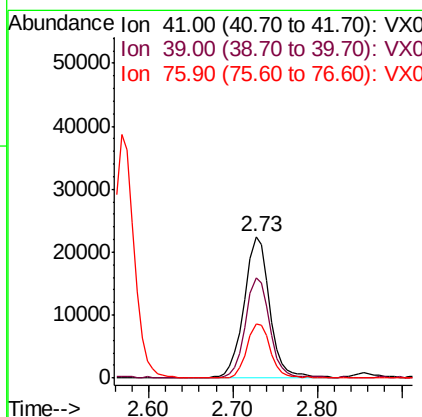
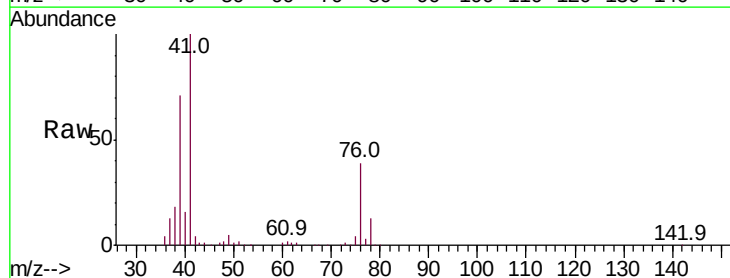
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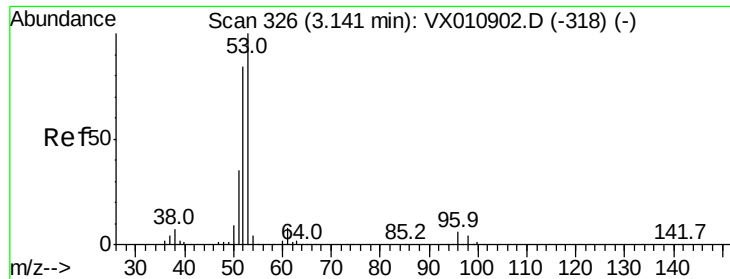
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#14
Allyl chloride
Concen: 19.327 ug/l
RT: 2.73 min Scan# 258
Delta R.T. 0.00 min
Lab File: VX011163.D
Acq: 29 Jul 2019 23:12

Tgt Ion	Ratio	Lower	Upper
41	100		
39	66.2	53.6	80.4
76	35.3	29.7	44.5





#15

Acrylonitrile

Concen: 104.745 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX011163.D

Acq: 29 Jul 2019 23:12

Instrument :

MSVOA_X

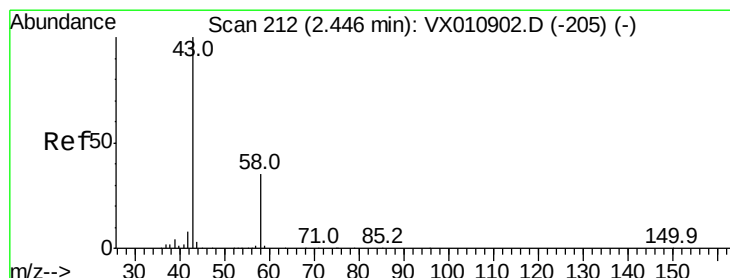
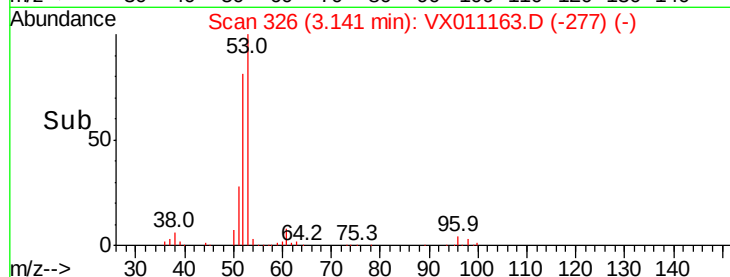
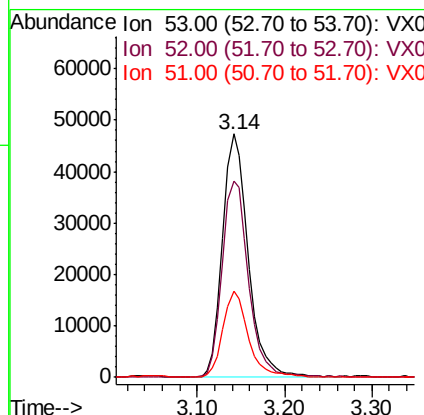
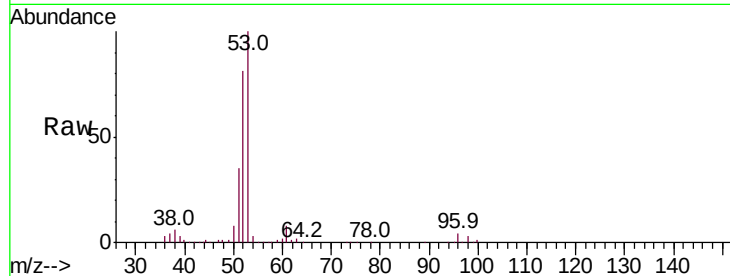
ClientSampleId :

VX0729WBS02

Tot Ion:	53	Resp:	96849
Ion Ratio	Lower	Upper	
53	100		
52	82.3	66.5	99.7
51	35.6	28.2	42.4

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#16

Acetone

Concen: 90.496 ug/l

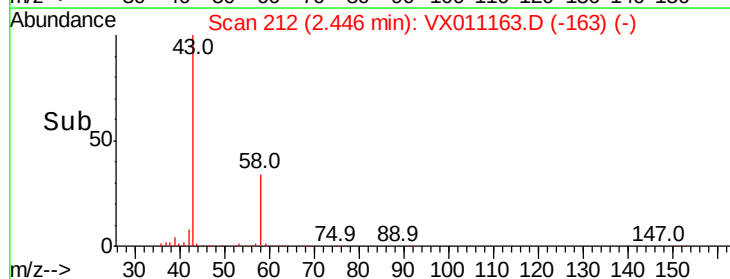
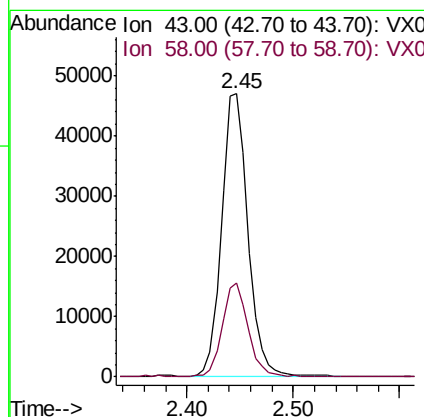
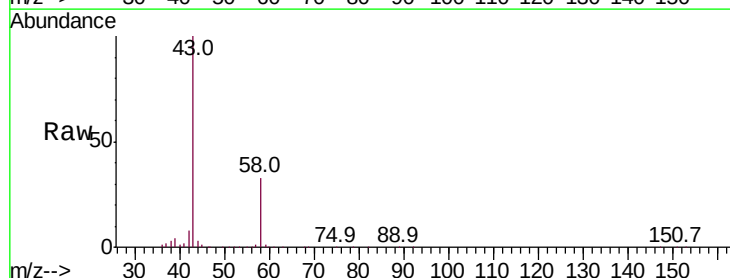
RT: 2.45 min Scan# 212

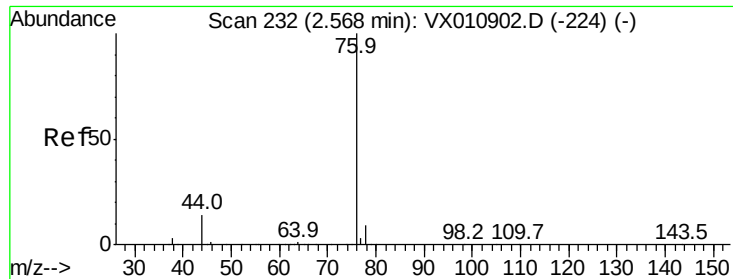
Delta R.T. 0.00 min

Lab File: VX011163.D

Acq: 29 Jul 2019 23:12

Tgt Ion:	43	Resp:	80304
Ion Ratio	Lower	Upper	
43	100		
58	33.5	27.7	41.5





#17

Carbon Disulfide

Concen: 15.520 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX011163.D

Acq: 29 Jul 2019 23:12

Instrument :

MSVOA_X

ClientSampleId :

VX0729WBS02

Tot Ion: 76 Resp: 65489

Ion Ratio Lower Upper

76 100

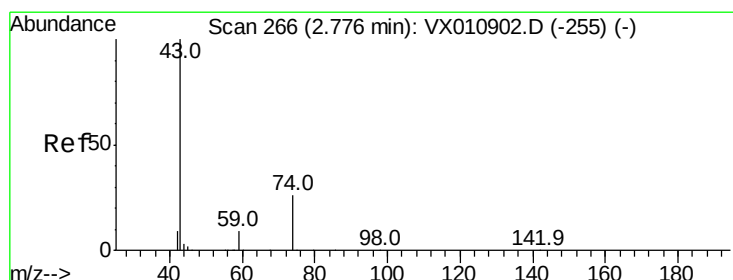
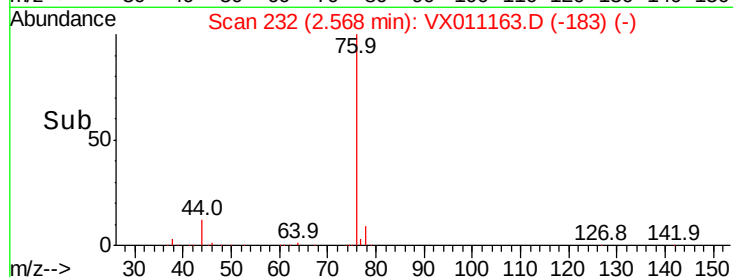
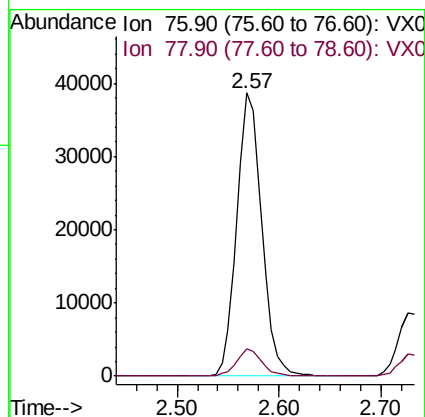
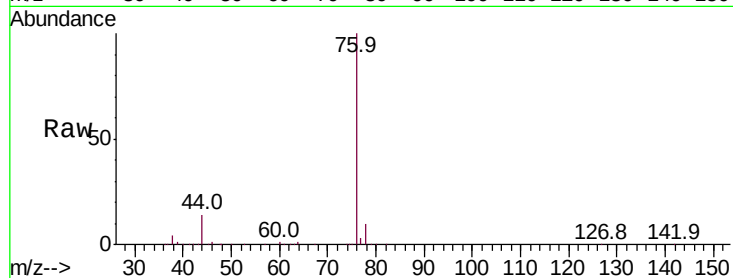
78 9.6 7.4 11.0

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#18

Methyl Acetate

Concen: 23.221 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX011163.D

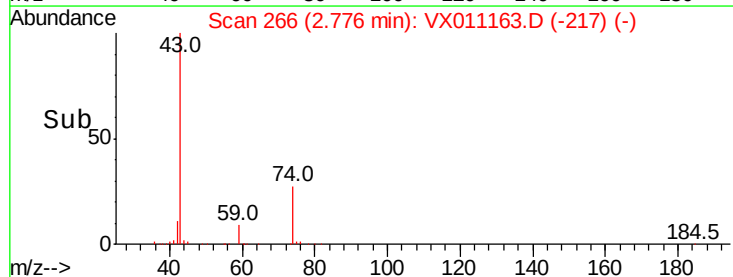
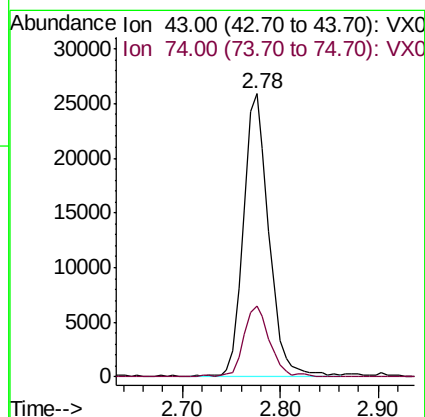
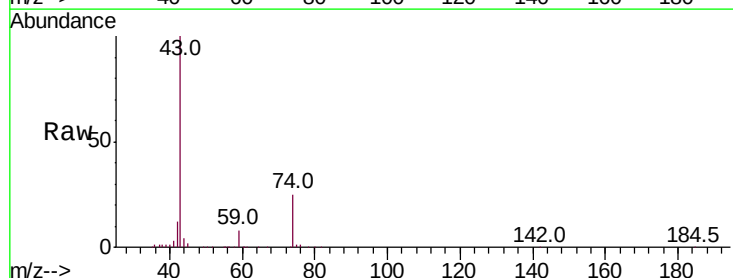
Acq: 29 Jul 2019 23:12

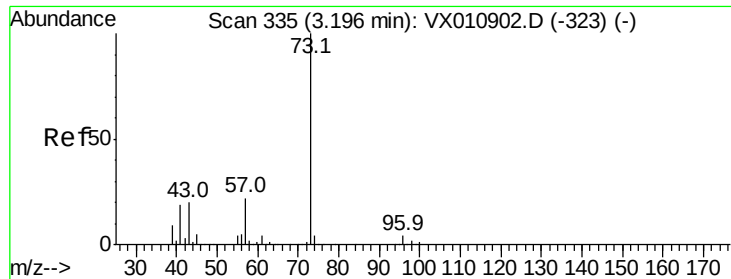
Tgt Ion: 43 Resp: 46920

Ion Ratio Lower Upper

43 100

74 25.4 21.5 32.3





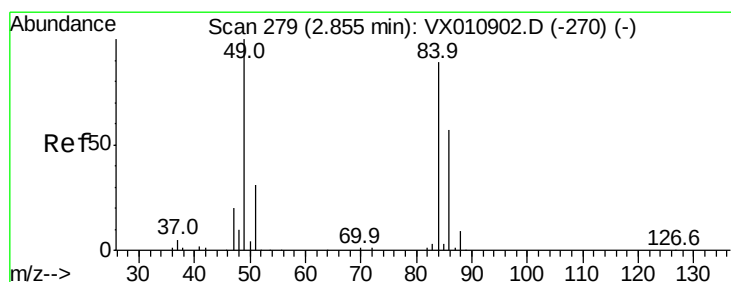
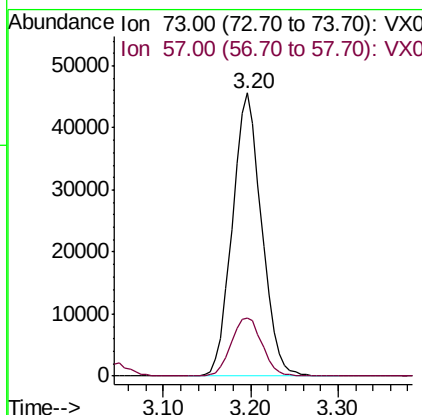
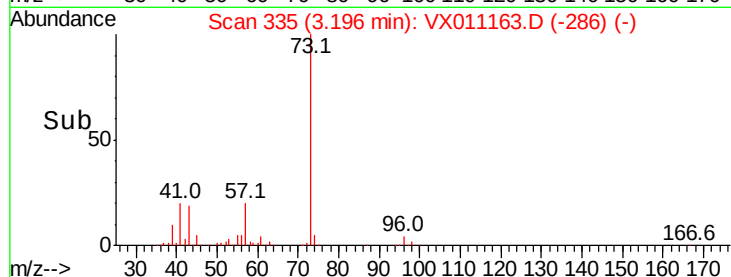
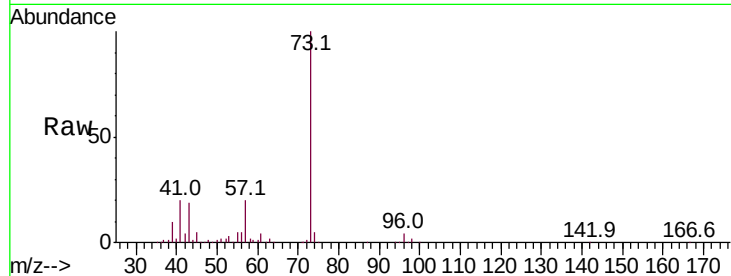
#19
Methyl tert-butyl Ether
Concen: 20.040 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX011163.D
Acq: 29 Jul 2019 23:12

Instrument :
MSVOA_X
ClientSampleId :
VX0729WBS02

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.5	17.3	25.9

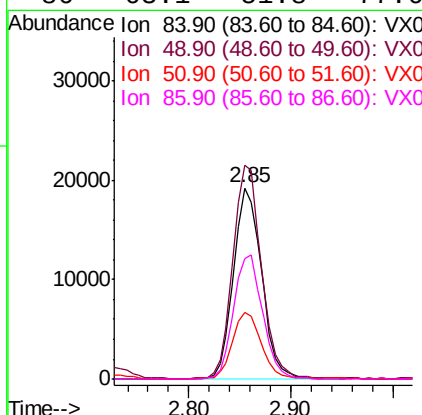
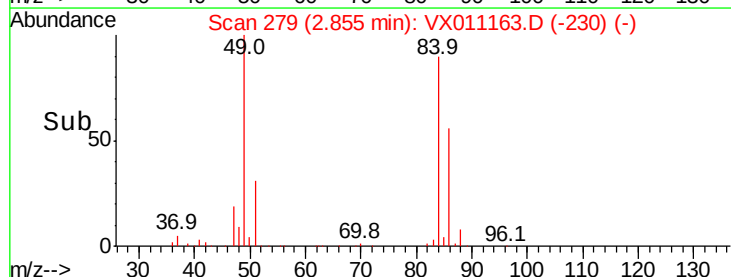
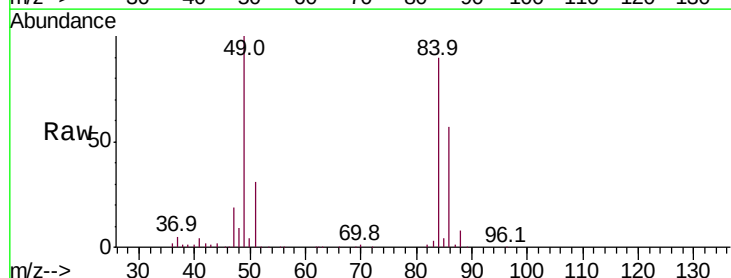
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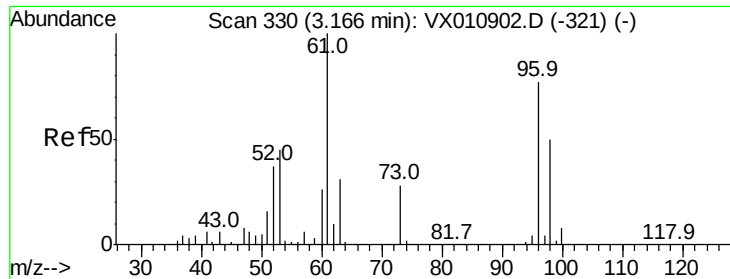
MMDadoda
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#20
Methylene Chloride
Concen: 19.517 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX011163.D
Acq: 29 Jul 2019 23:12

Tgt Ion	Ratio	Lower	Upper
84	100		
49	111.3	89.9	134.9
51	34.7	27.8	41.6
86	63.1	51.8	77.6





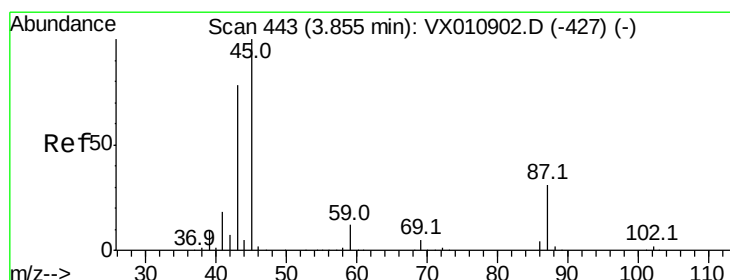
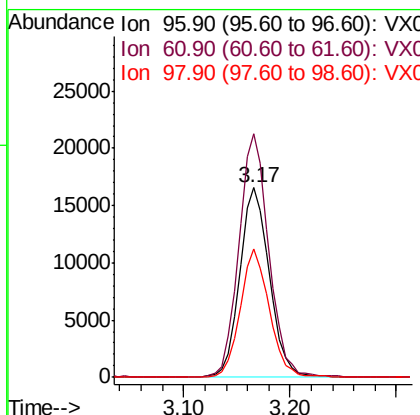
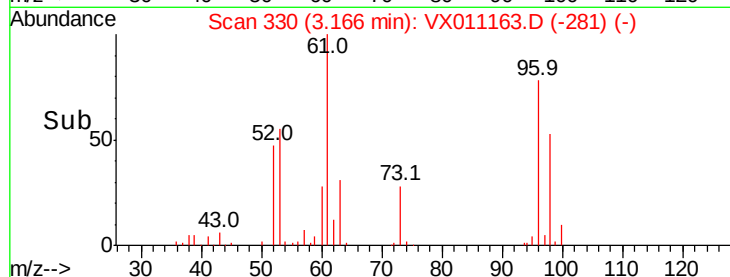
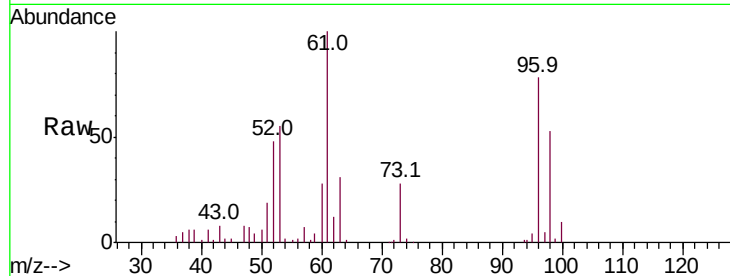
#21
trans-1,2-Dichloroethene
Concen: 18.574 ug/l
RT: 3.17 min Scan# 330
Delta R.T. 0.00 min
Lab File: VX011163.D
Acq: 29 Jul 2019 23:12

Instrument :
MSVOA_X
ClientSampleId :
VX0729WBS02

Tot Ion	Ratio	Lower	Upper
96	100		
61	128.4	104.2	156.2
98	67.6	52.2	78.4

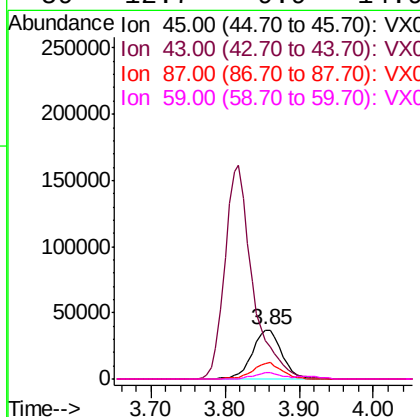
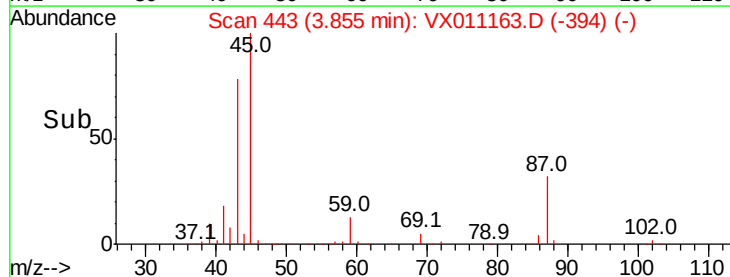
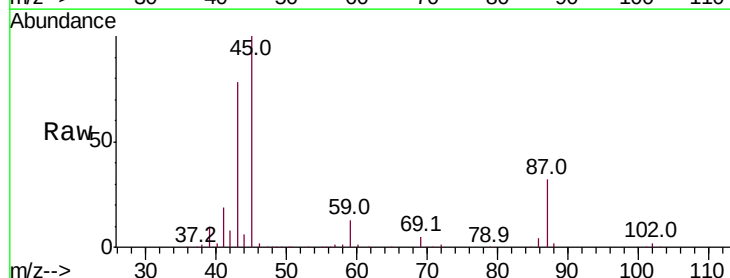
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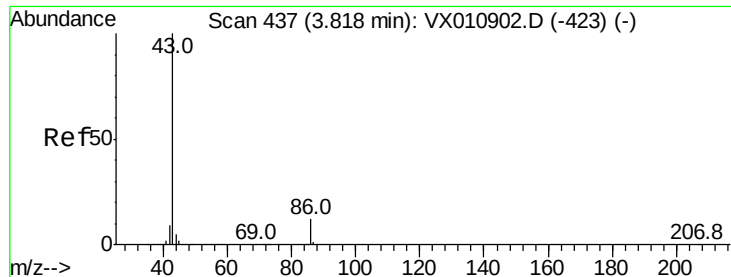
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#22
Diisopropyl ether
Concen: 20.571 ug/l
RT: 3.85 min Scan# 443
Delta R.T. 0.00 min
Lab File: VX011163.D
Acq: 29 Jul 2019 23:12

Tgt Ion	Ratio	Lower	Upper
45	100		
43	78.1	62.3	93.5
87	31.6	25.0	37.4
59	12.7	9.9	14.9





#23

Vinyl Acetate

Concen: 98.785 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.00 min

Lab File: VX011163.D

Acq: 29 Jul 2019 23:12

Instrument :

MSVOA_X

ClientSampleId :

VX0729WBS02

Tot Ion: 43 Resp: 421807

Ion Ratio Lower Upper

43 100

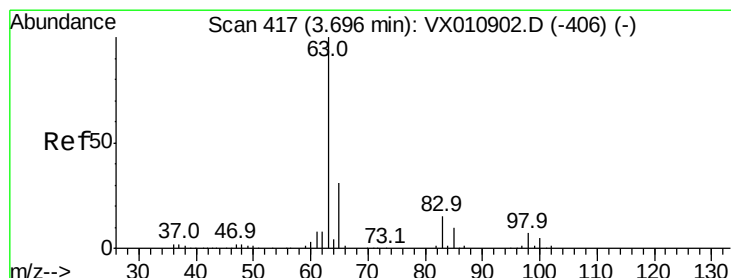
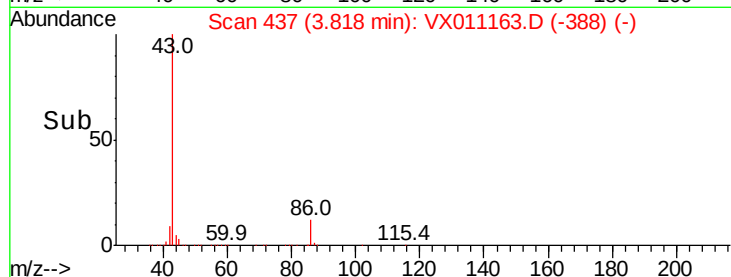
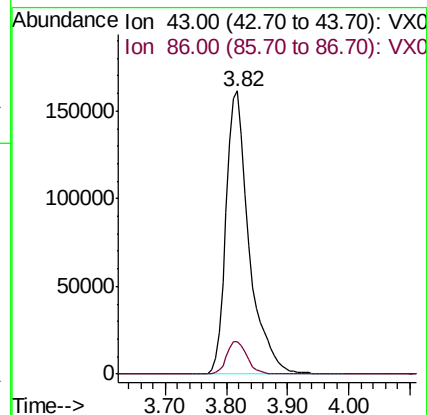
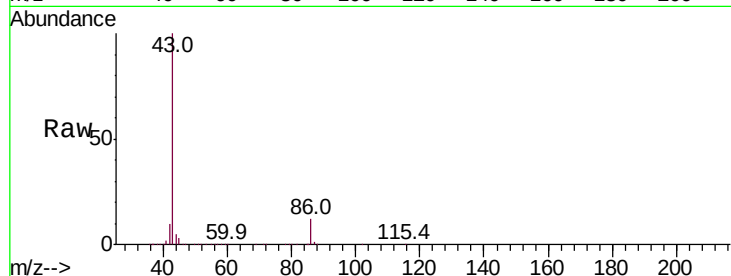
86 11.5 9.4 14.0

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#24

1,1-Dichloroethane

Concen: 19.924 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX011163.D

Acq: 29 Jul 2019 23:12

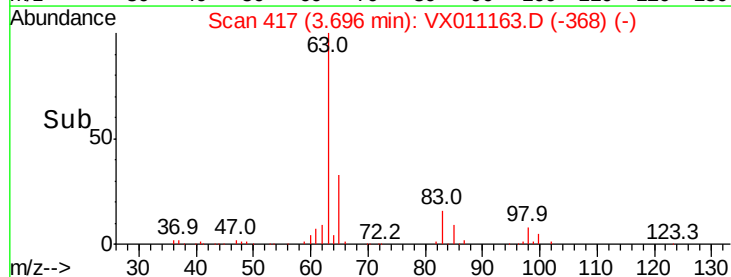
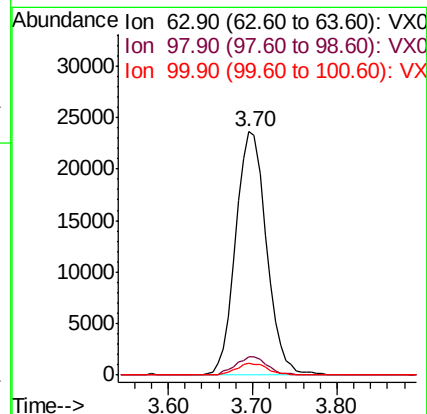
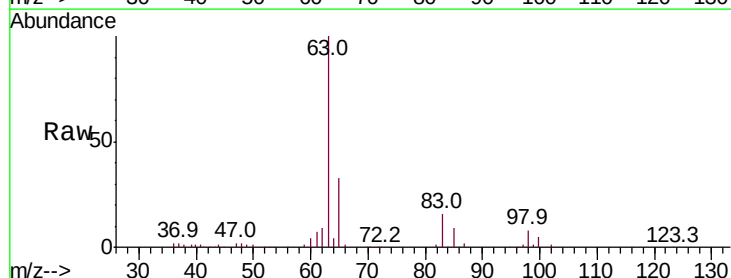
Tgt Ion: 63 Resp: 58311

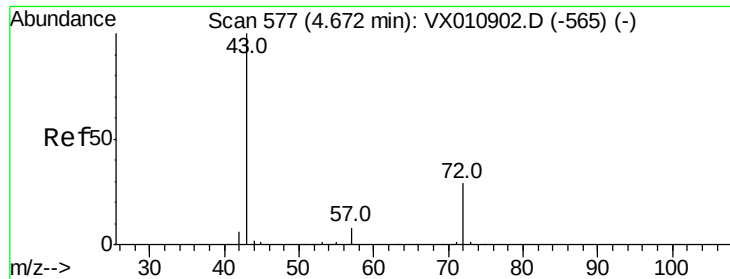
Ion Ratio Lower Upper

63 100

98 7.7 3.6 10.9

100 4.9 2.4 7.2





#25

2-Butanone

Concen: 101.231 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX011163.D

Acq: 29 Jul 2019 23:12

Instrument :

MSVOA_X

ClientSampleId :

VX0729WBS02

Tot Ion: 43 Resp: 128950

Ion Ratio Lower Upper

43 100

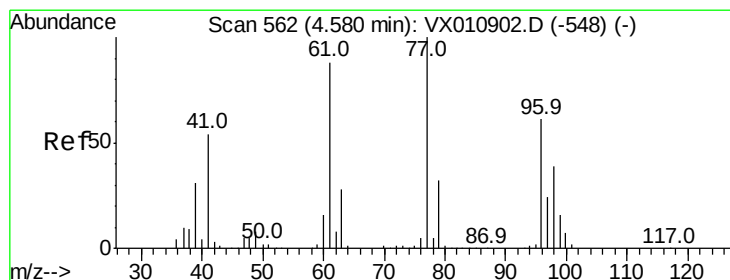
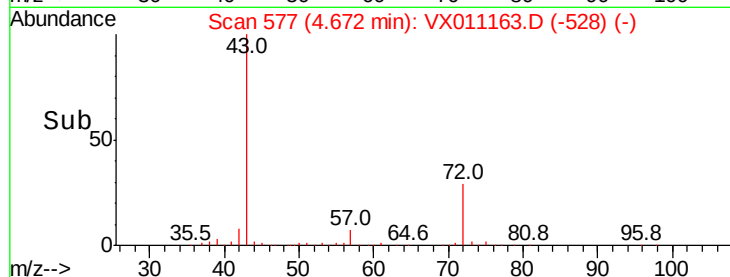
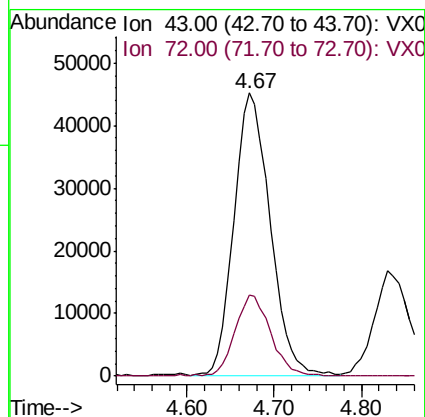
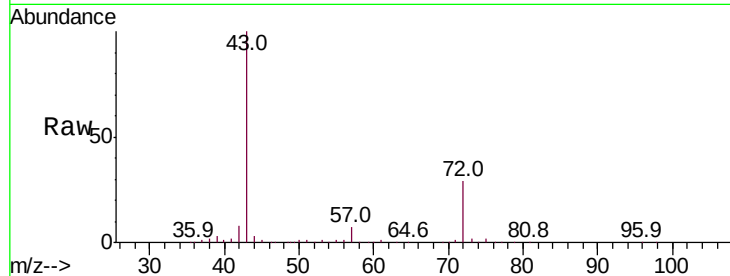
72 28.6 23.0 34.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 15.461 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX011163.D

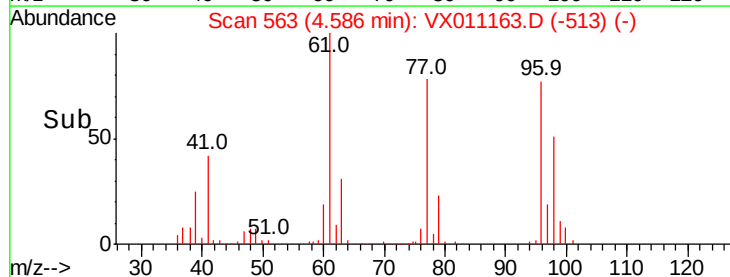
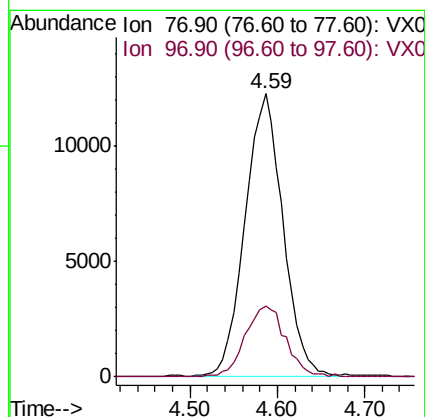
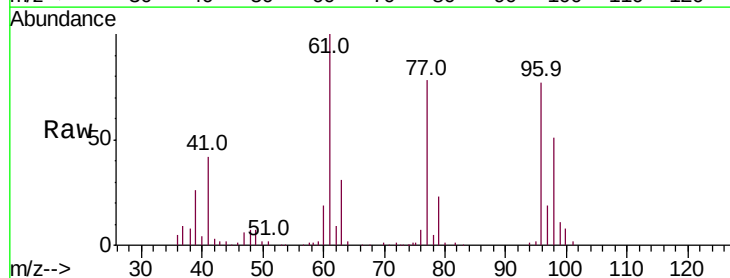
Acq: 29 Jul 2019 23:12

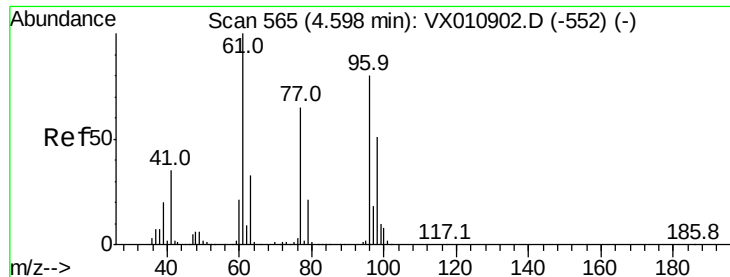
Tgt Ion: 77 Resp: 37154

Ion Ratio Lower Upper

77 100

97 26.6 12.6 37.6





#27

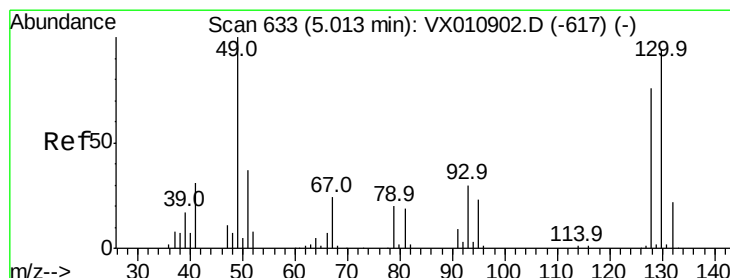
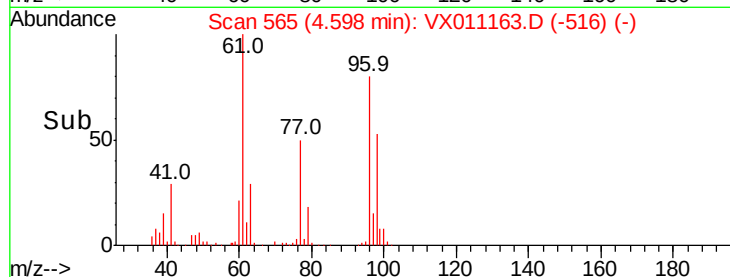
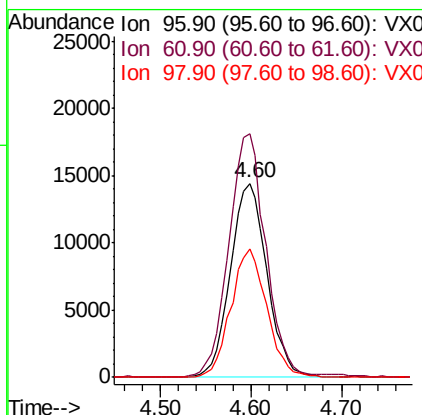
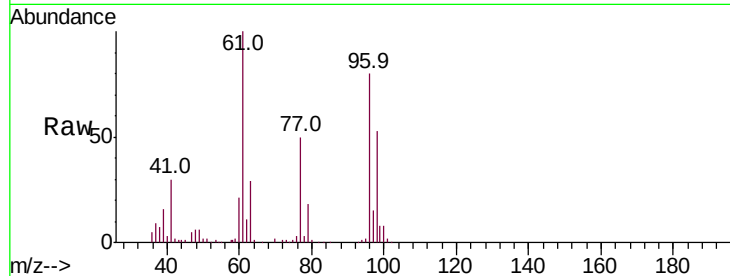
cis-1,2-Dichloroethene
Concen: 19.983 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX011163.D
Acq: 29 Jul 2019 23:12

Instrument :
MSVOA_X
ClientSampleId :
VX0729WBS02

Tot Ion	Ratio	Lower	Upper
96	100		
61	127.3	0.0	269.0
98	64.9	0.0	131.4

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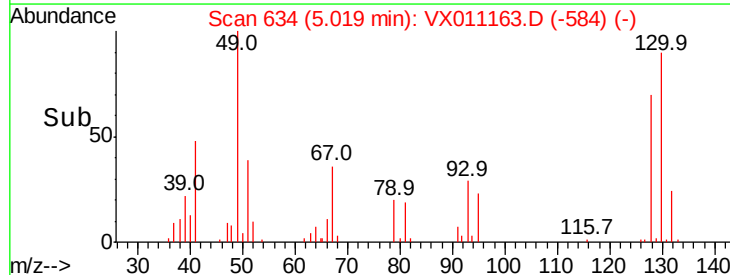
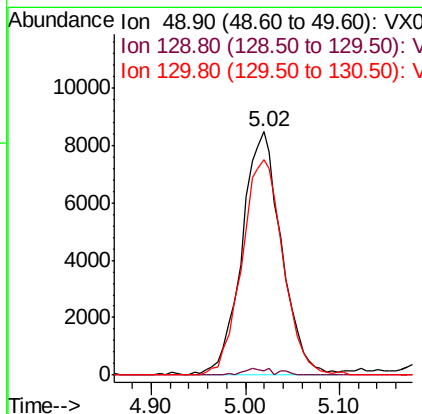
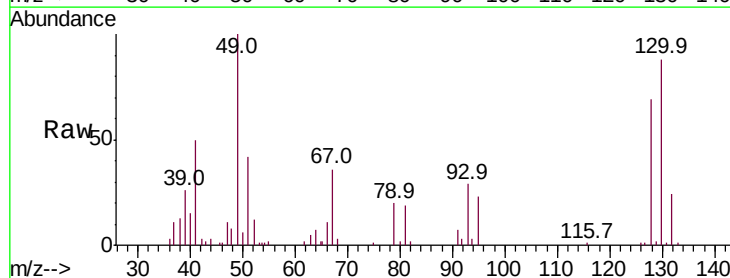
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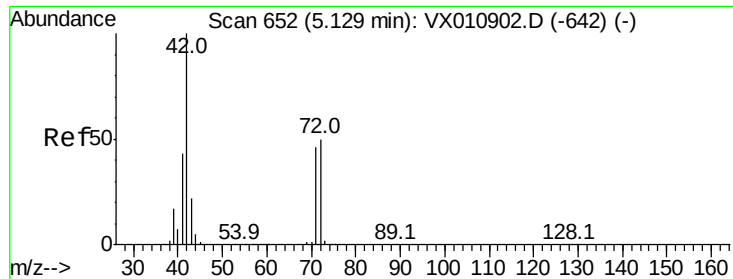


#28

Bromochloromethane
Concen: 18.144 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.01 min
Lab File: VX011163.D
Acq: 29 Jul 2019 23:12

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	5.2
130	91.9	76.9	115.3





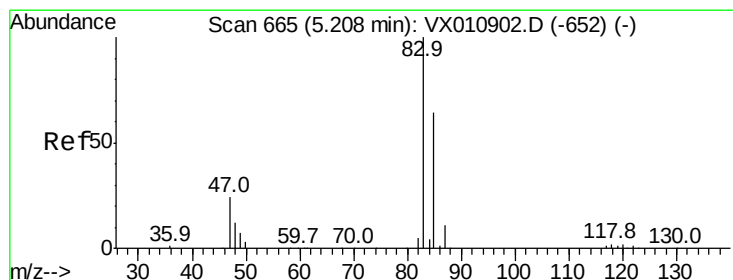
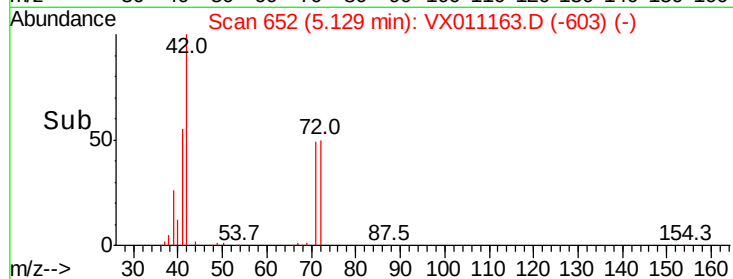
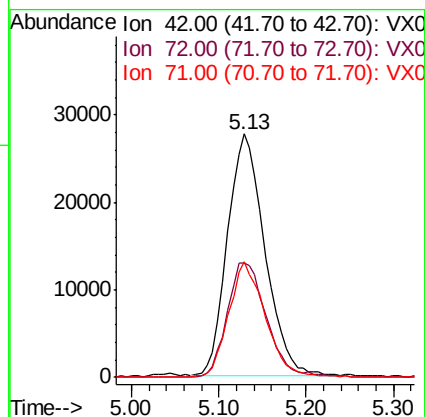
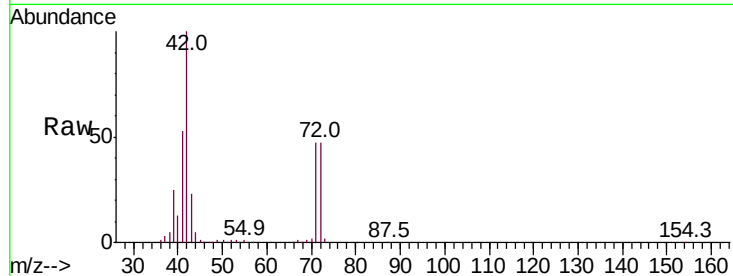
#29
Tetrahydrofuran
Concen: 101.810 ug/l
RT: 5.13 min Scan# 652
Delta R.T. 0.00 min
Lab File: VX011163.D
Acq: 29 Jul 2019 23:12

Instrument :
MSVOA_X
ClientSampleId :
VX0729WBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	50.2	39.8	59.8
71	47.2	37.0	55.4

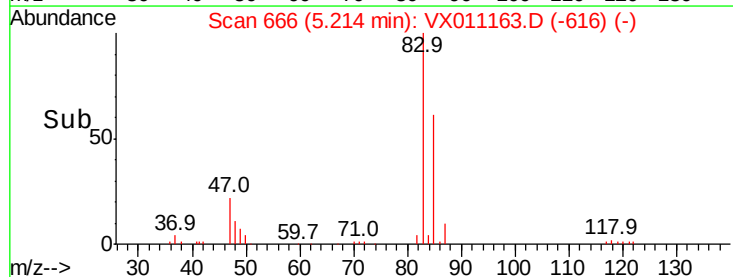
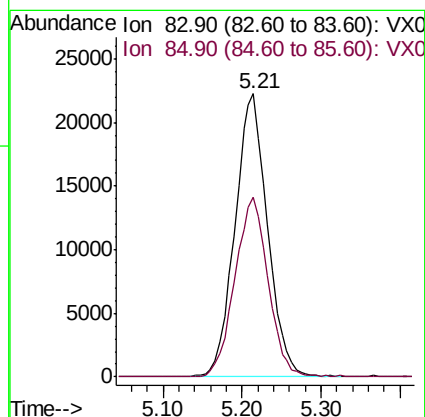
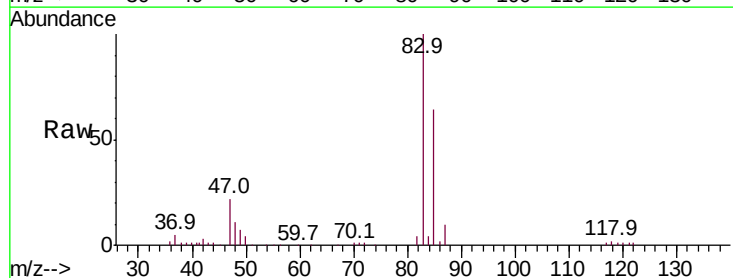
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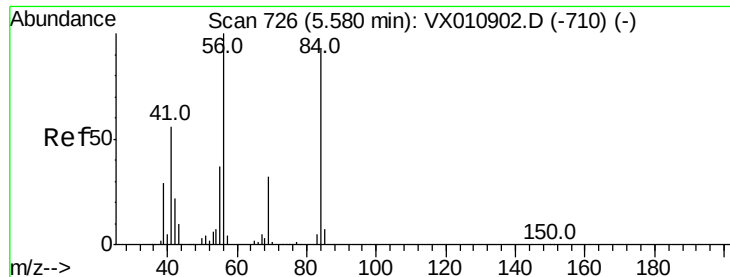
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#30
Chloroform
Concen: 20.181 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.01 min
Lab File: VX011163.D
Acq: 29 Jul 2019 23:12

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.5	51.4	77.0





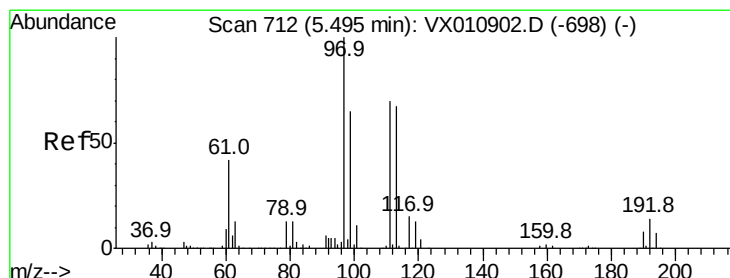
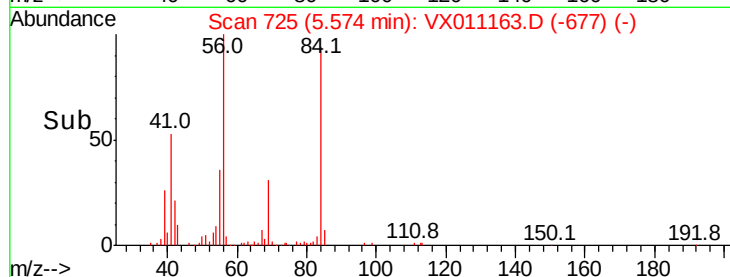
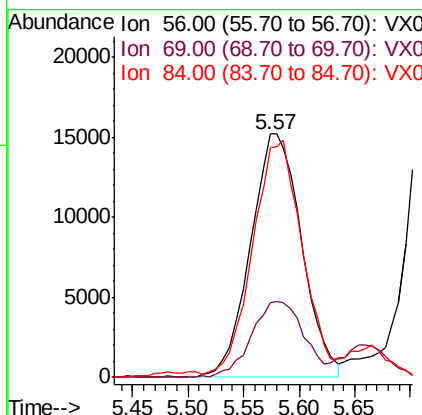
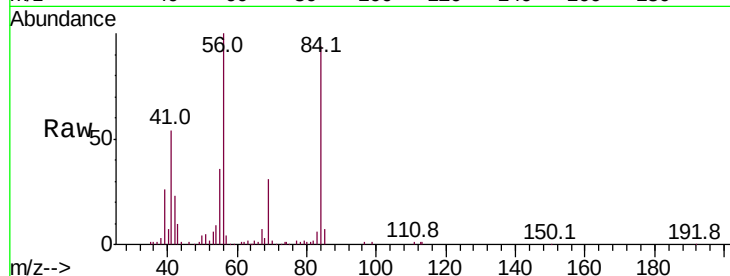
#31
Cyclohexane
Concen: 18.183 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.01 min
Lab File: VX011163.D
Acq: 29 Jul 2019 23:12

Instrument :
MSVOA_X
ClientSampleId :
VX0729WBS02

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.0	25.8	38.8
84	92.2	73.8	110.6

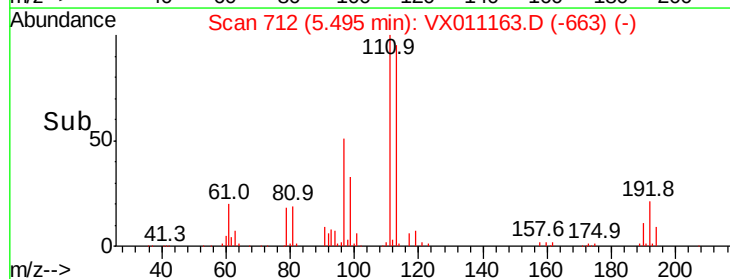
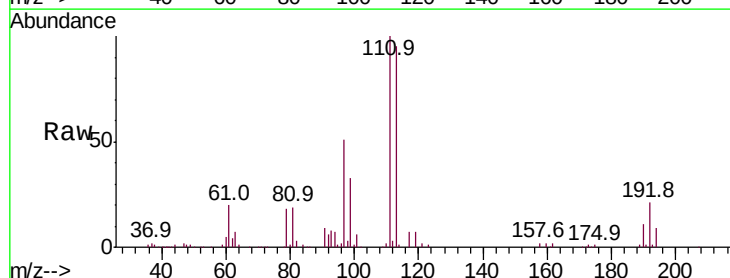
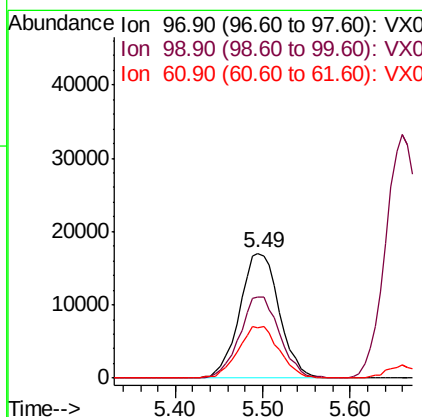
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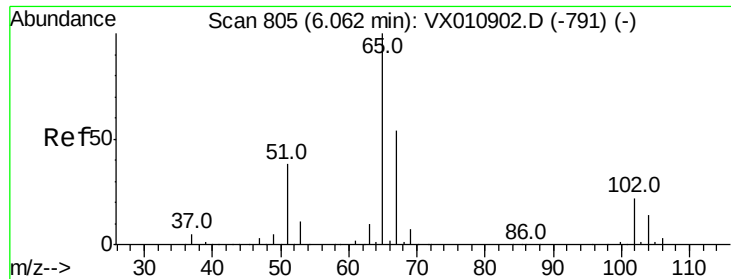
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 19.562 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX011163.D
Acq: 29 Jul 2019 23:12

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.0	51.4	77.0
61	42.6	33.0	49.6





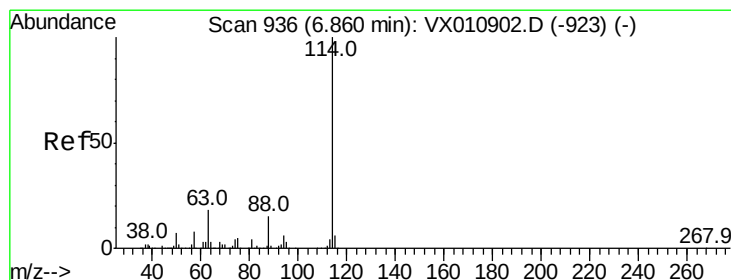
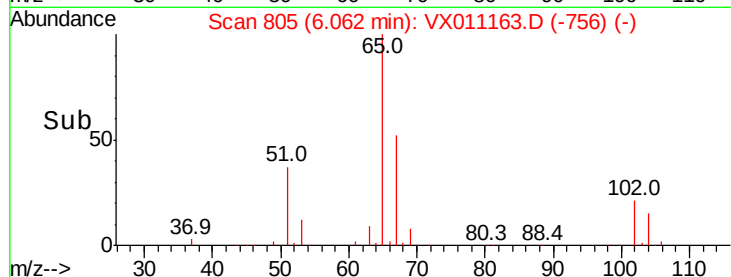
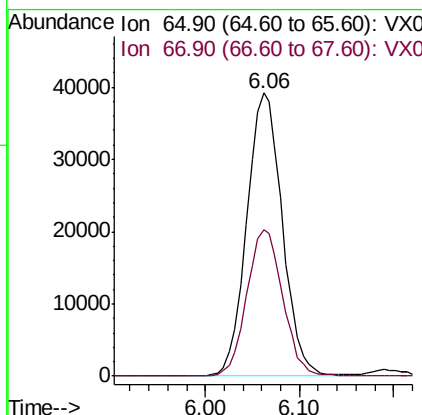
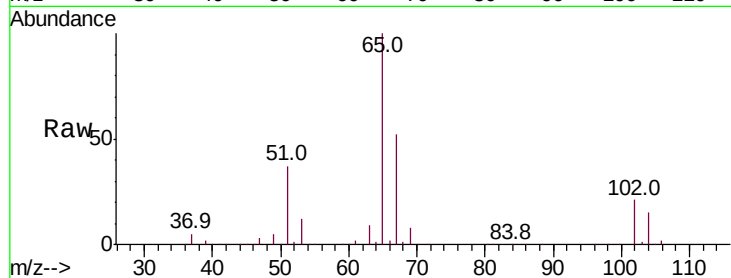
#33
 1,2-Dichloroethane-d4
 Concen: 52.742 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX011163.D
 Acq: 29 Jul 2019 23:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0729WBS02

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	52.3	0.0	107.8	

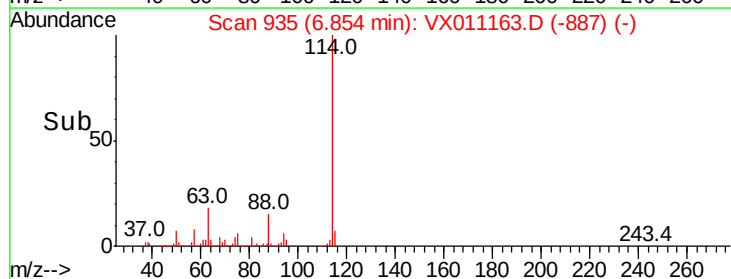
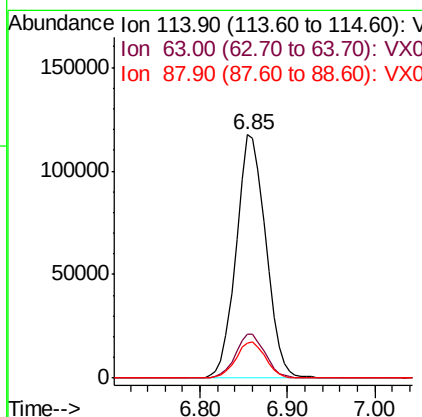
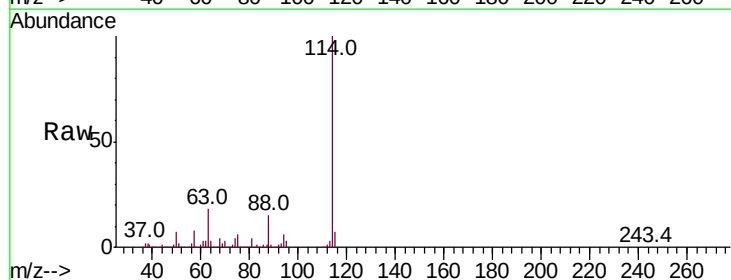
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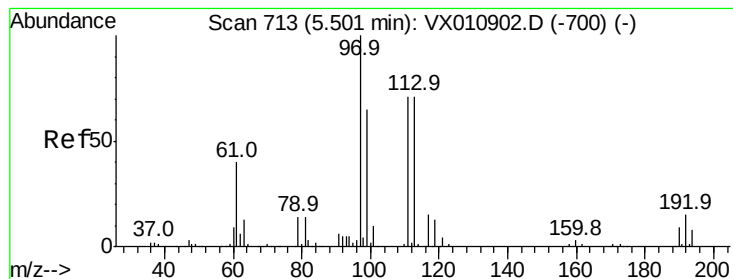
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: VX011163.D
 Acq: 29 Jul 2019 23:12

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	18.1	0.0	35.6	
88	14.6	0.0	29.8	





#35

Dibromofluoromethane

Concen: 52.588 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX011163.D

Acq: 29 Jul 2019 23:12

Instrument :

MSVOA_X

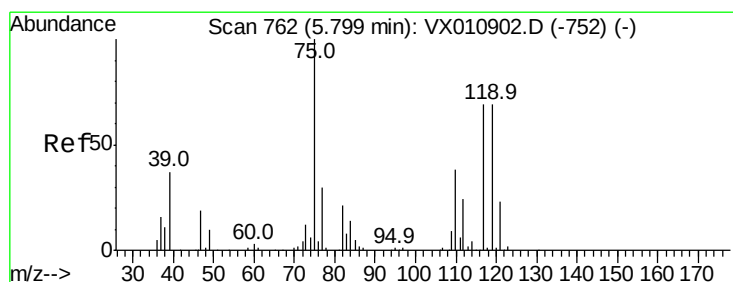
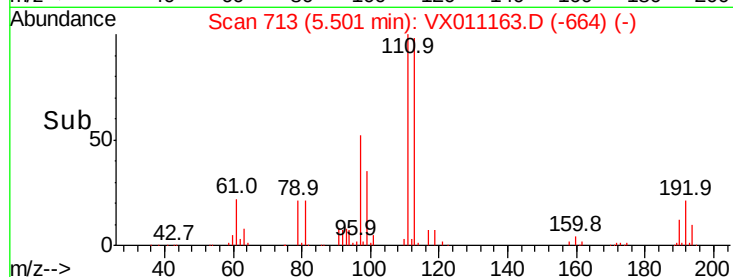
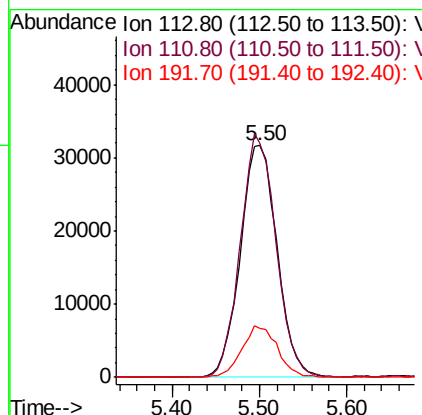
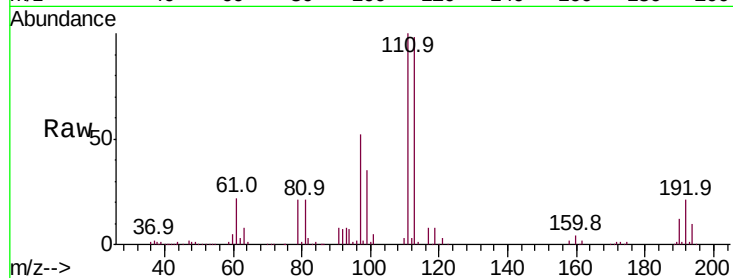
ClientSampleId :

VX0729WBS02

Tot Ion:	113	Resp:	92719
Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.3	123.5
192	21.6	17.4	26.2

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#36

1,1-Dichloropropene

Concen: 19.388 ug/l

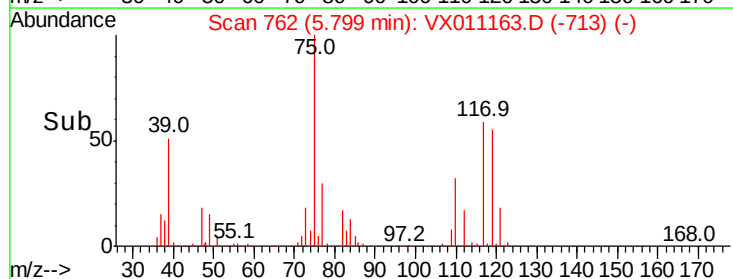
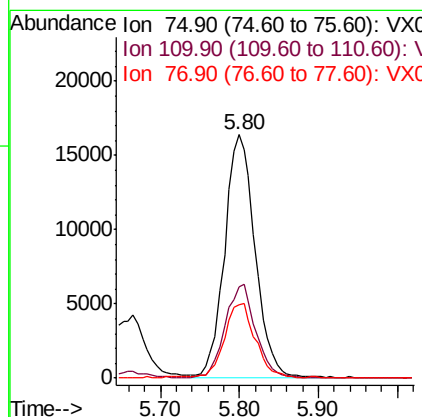
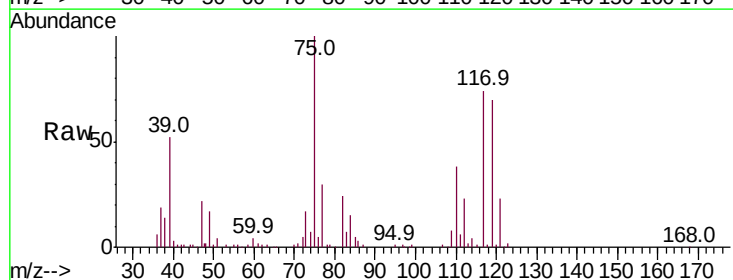
RT: 5.80 min Scan# 762

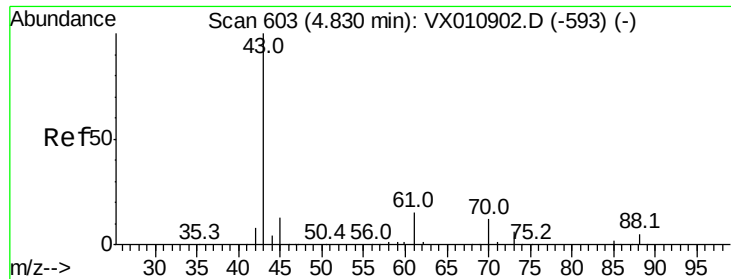
Delta R.T. 0.00 min

Lab File: VX011163.D

Acq: 29 Jul 2019 23:12

Tgt Ion:	75	Resp:	44239
Ion	Ratio	Lower	Upper
75	100		
110	38.4	19.9	59.7
77	31.0	25.0	37.4





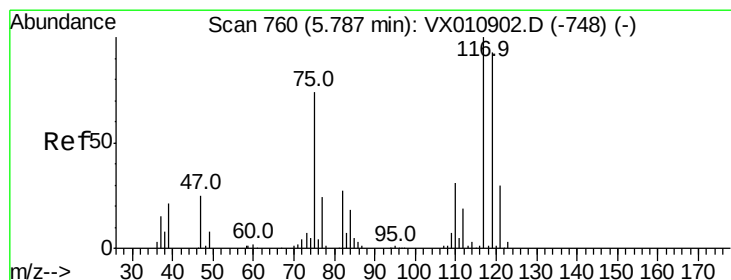
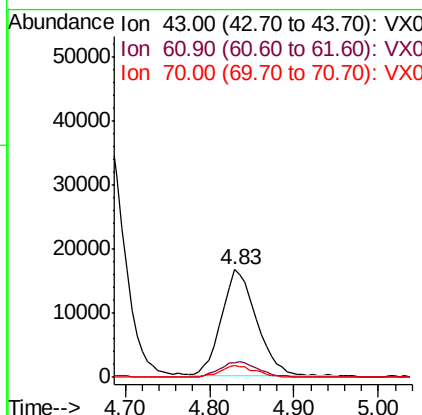
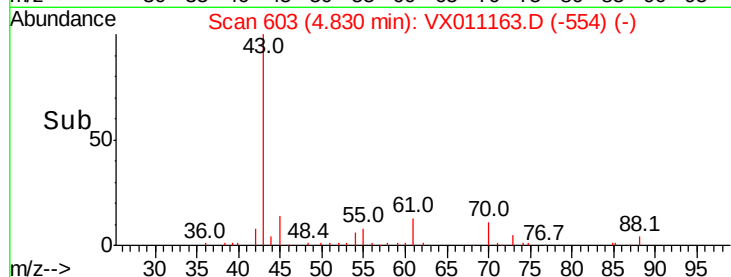
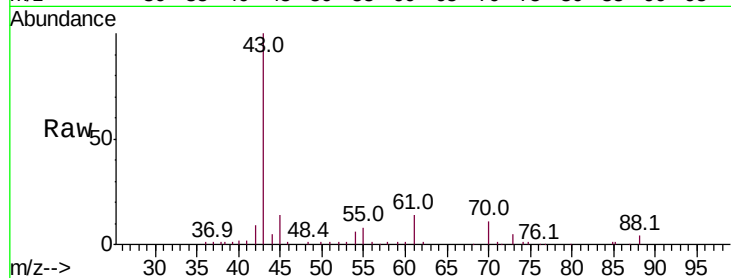
#37
Ethyl Acetate
Concen: 20.412 ug/l
RT: 4.83 min Scan# 603
Delta R.T. 0.00 min
Lab File: VX011163.D
Acq: 29 Jul 2019 23:12

Instrument :
MSVOA_X
ClientSampleId :
VX0729WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.3	11.6	17.4
70	11.4	9.1	13.7

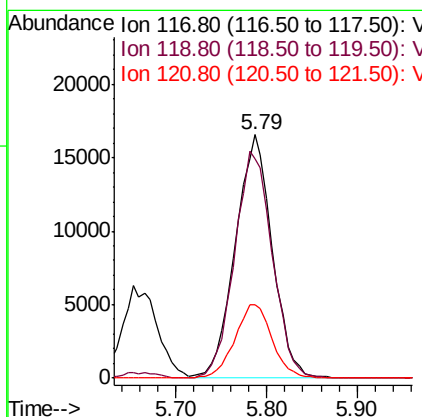
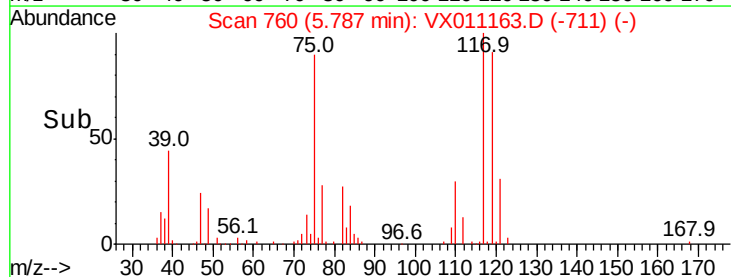
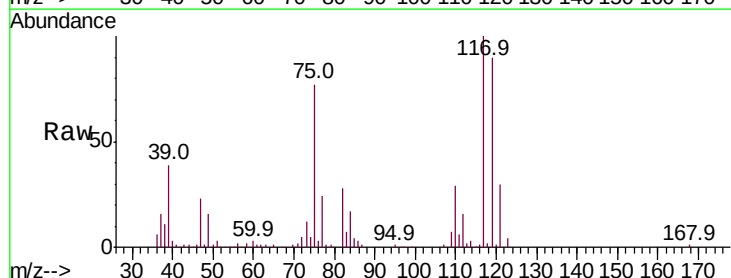
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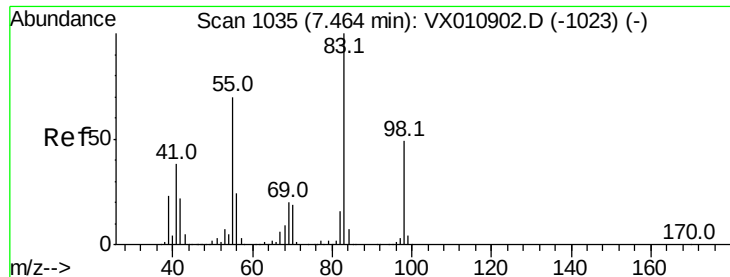
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#38
Carbon Tetrachloride
Concen: 19.566 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX011163.D
Acq: 29 Jul 2019 23:12

Tgt Ion	Ratio	Lower	Upper
117	100		
119	90.0	74.2	111.2
121	30.3	24.2	36.2





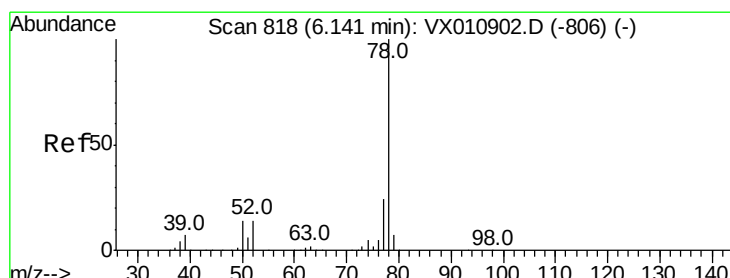
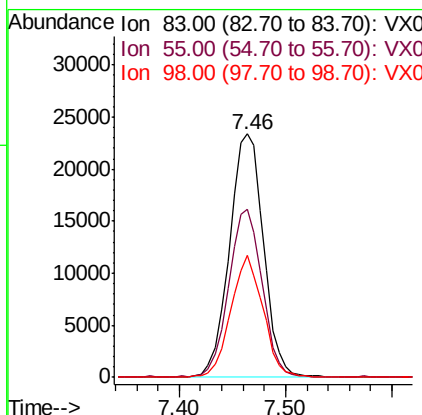
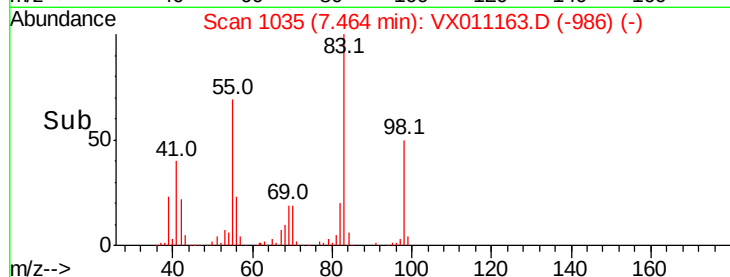
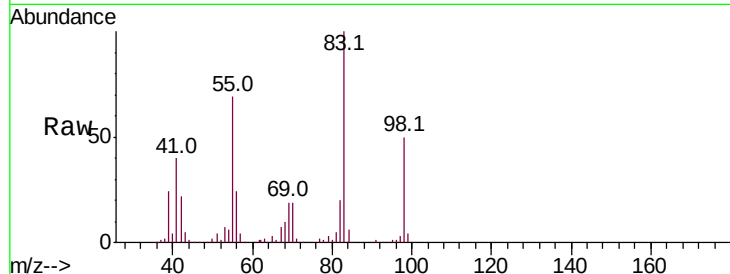
#39
Methylvlcyclohexane
Concen: 17.690 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX011163.D
Acq: 29 Jul 2019 23:12

Instrument :
MSVOA_X
ClientSampleId :
VX0729WBS02

Tot Ion	Ratio	Lower	Upper
83	100		
55	68.6	56.2	84.4
98	50.0	39.0	58.4

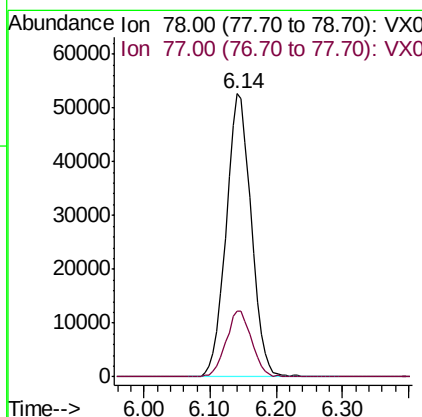
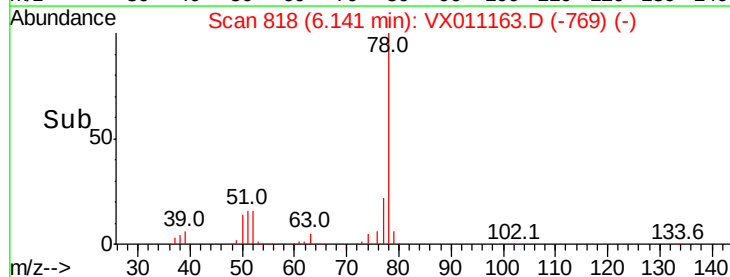
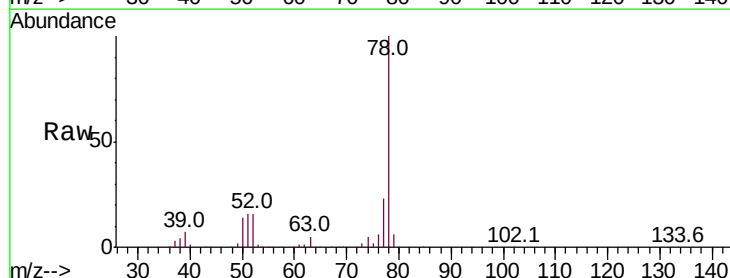
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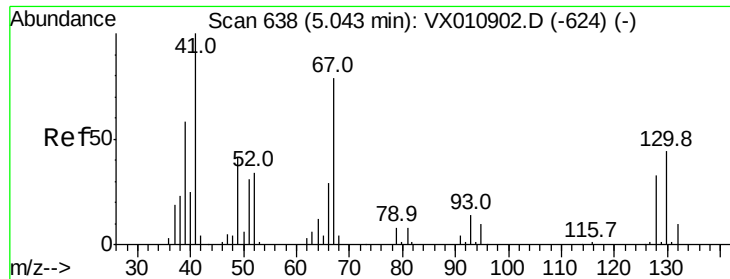
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#40
Benzene
Concen: 19.773 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX011163.D
Acq: 29 Jul 2019 23:12

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.0	19.0	28.6





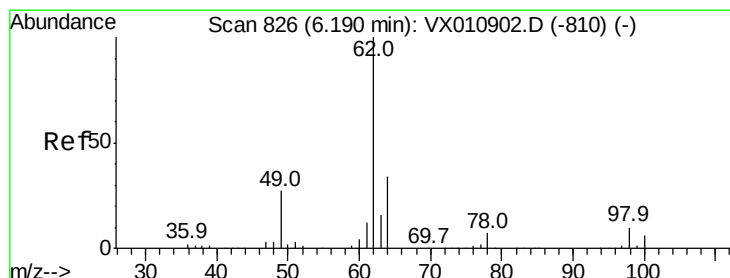
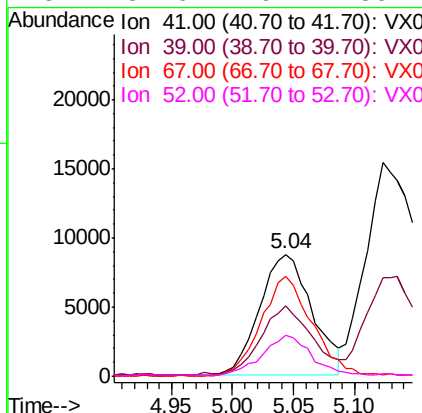
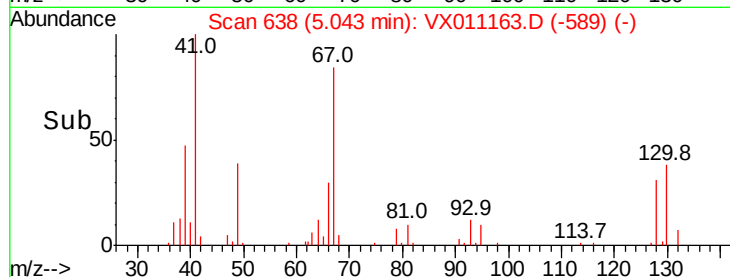
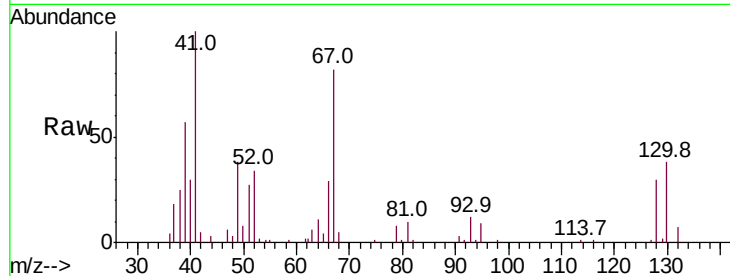
#41
Methacrylonitrile
Concen: 19.829 ug/l
RT: 5.04 min Scan# 638
Delta R.T. 0.00 min
Lab File: VX011163.D
Acq: 29 Jul 2019 23:12

Instrument :
MSVOA_X
ClientSampleId :
VX0729WBS02

Tot Ion	Ratio	Lower	Upper
41	100		
39	57.9	45.4	68.2
67	81.0	65.9	98.9
52	32.6	26.2	39.2

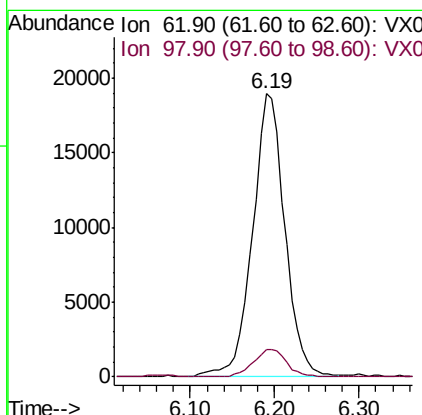
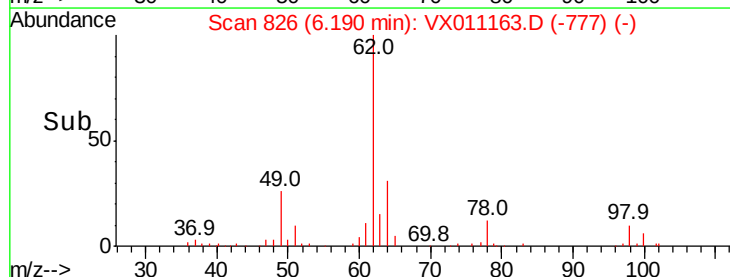
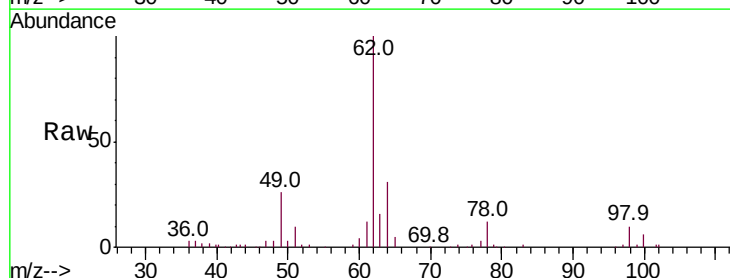
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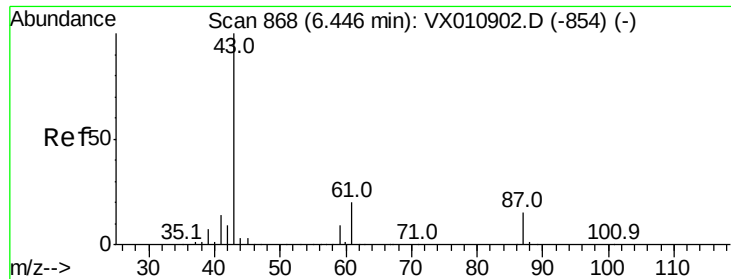
MMDadoda
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#42
1,2-Dichloroethane
Concen: 20.472 ug/l
RT: 6.19 min Scan# 826
Delta R.T. 0.00 min
Lab File: VX011163.D
Acq: 29 Jul 2019 23:12

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	20.0





#43

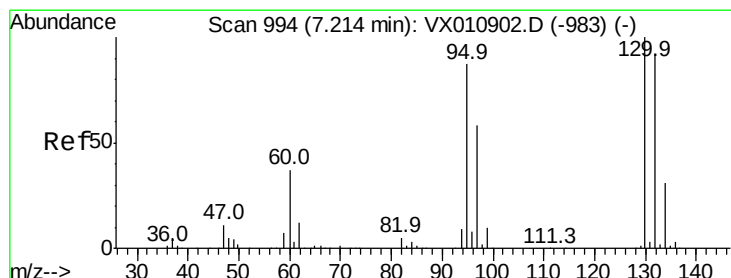
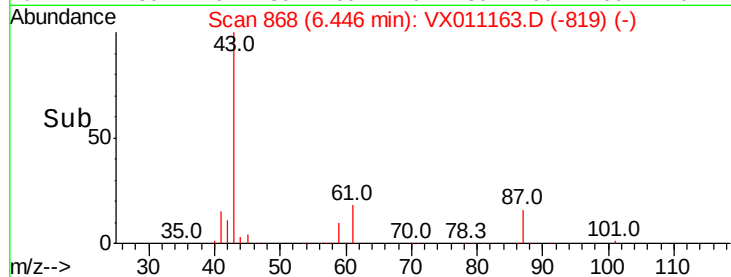
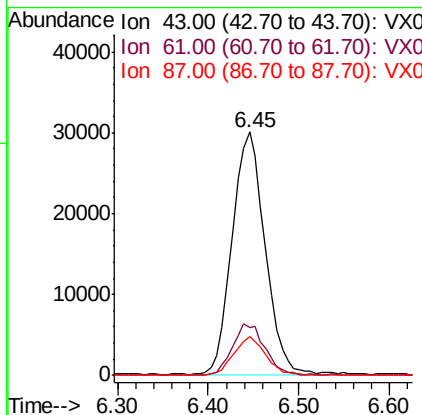
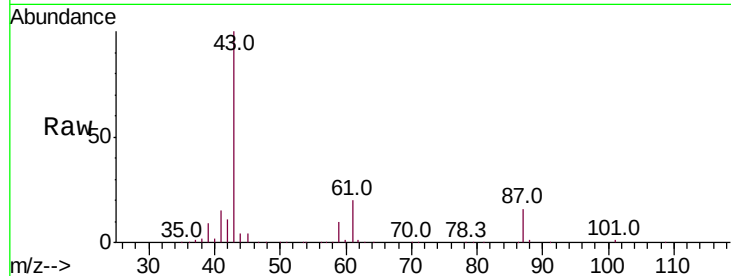
Isopropyl Acetate
 Concen: 19.598 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. 0.00 min
 Lab File: VX011163.D
 Acq: 29 Jul 2019 23:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0729WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.1	17.1	25.7
87	15.6	12.0	18.0

Manual Integrations
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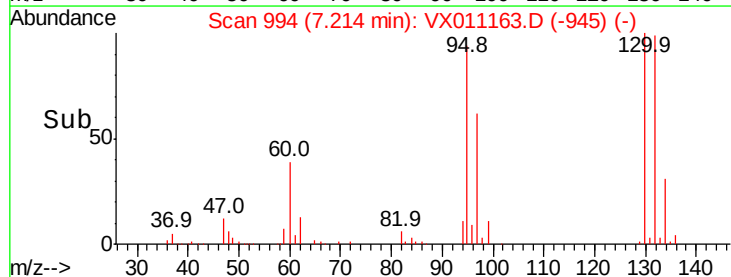
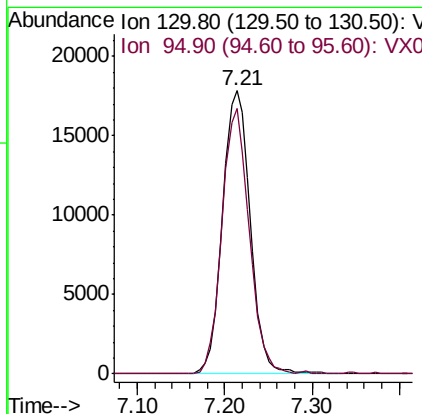
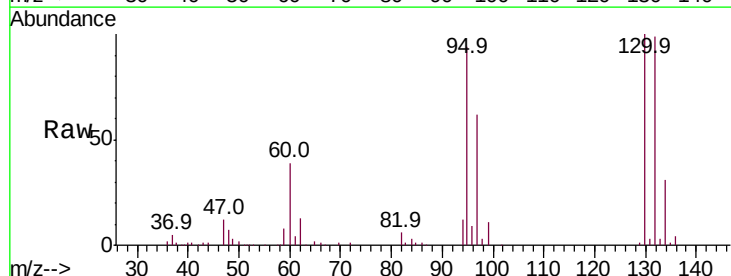
MMDadoda
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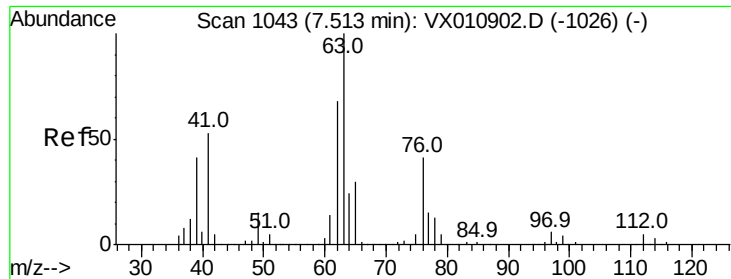


#44

Trichloroethene
 Concen: 18.981 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX011163.D
 Acq: 29 Jul 2019 23:12

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.0	0.0	174.8





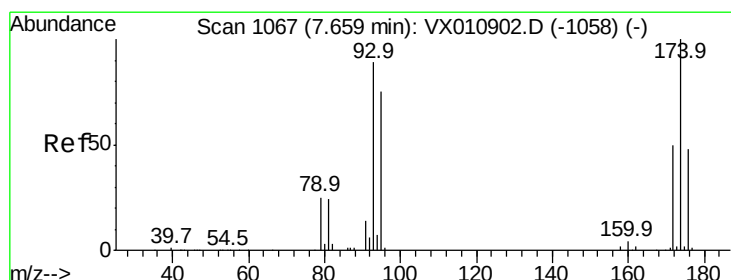
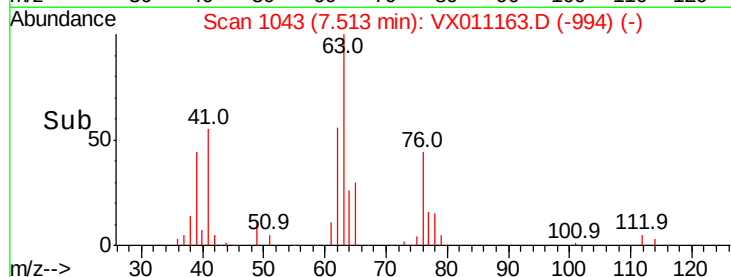
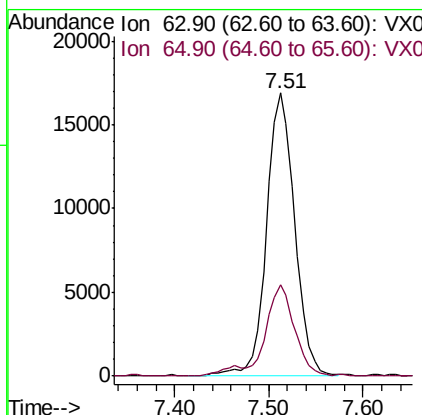
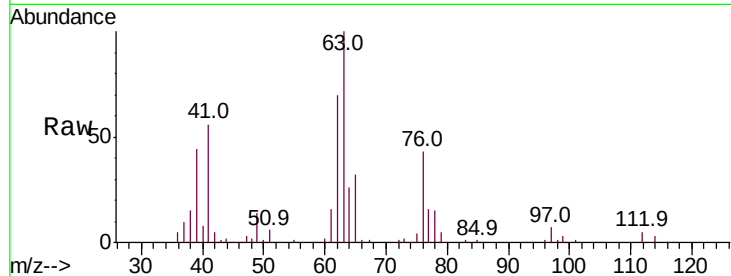
#45
 1,2-Dichloropropane
 Concen: 19.891 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX011163.D
 Acq: 29 Jul 2019 23:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0729WBS02

Tot Ion: 63 Resp: 35385
 Ion Ratio Lower Upper
 63 100
 65 32.3 24.4 36.6

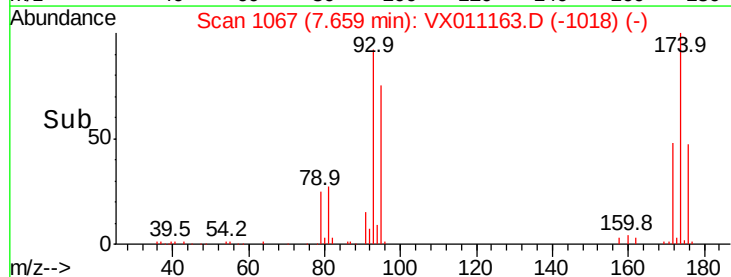
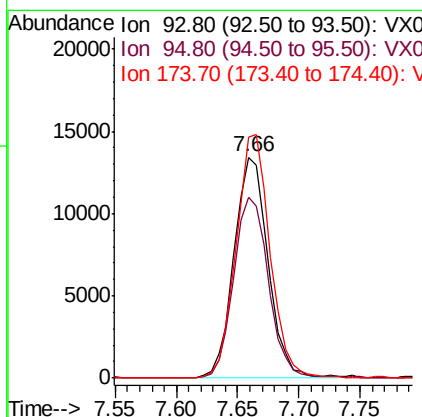
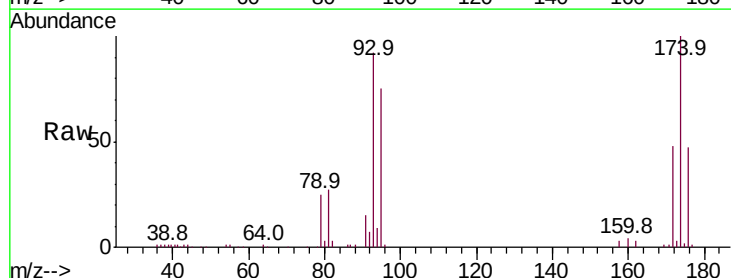
Manual Integrations
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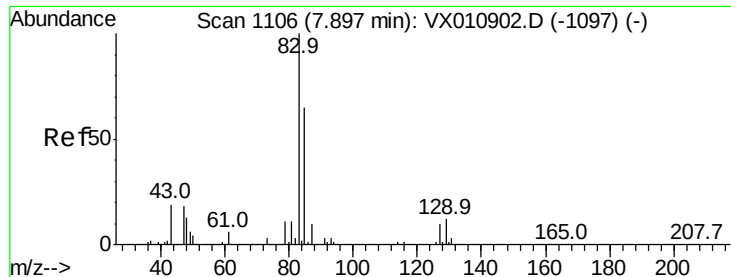
MMDadoda
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#46
 Dibromomethane
 Concen: 20.389 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX011163.D
 Acq: 29 Jul 2019 23:12

Tgt Ion: 93 Resp: 25918
 Ion Ratio Lower Upper
 93 100
 95 83.8 67.2 100.8
 174 110.1 90.6 135.8





#47

Bromodichloromethane

Concen: 19.780 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX011163.D

Acq: 29 Jul 2019 23:12

Instrument :

MSVOA_X

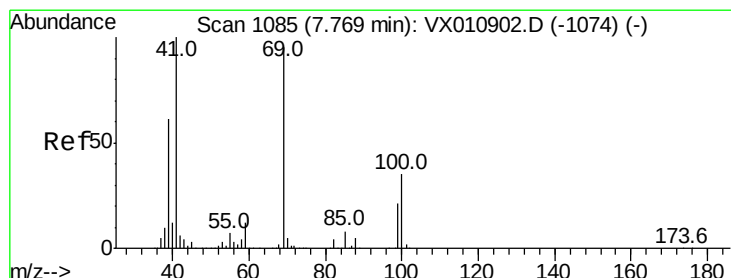
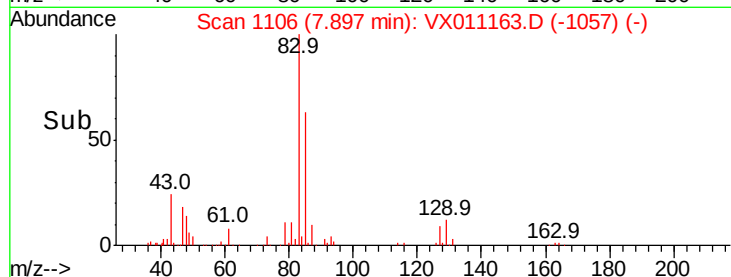
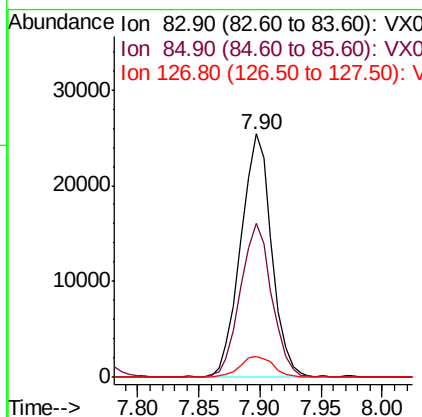
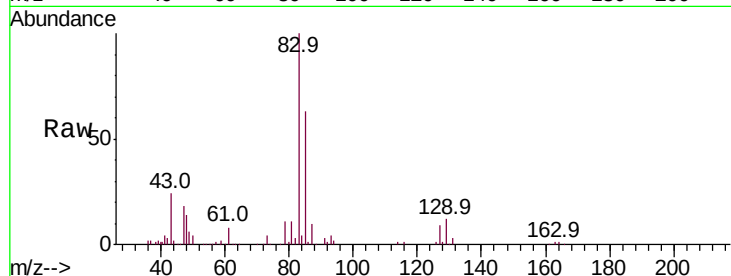
ClientSampleId :

VX0729WBS02

Tot Ion:	83	Resp:	44757
Ion	Ratio	Lower	Upper
83	100		
85	62.8	52.5	78.7
127	8.6	7.8	11.8

Manual Integrations
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#48

Methyl methacrylate

Concen: 19.652 ug/l

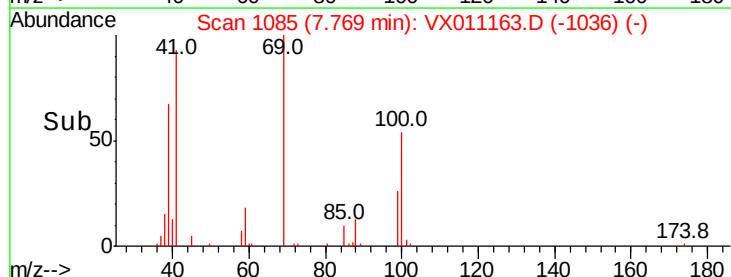
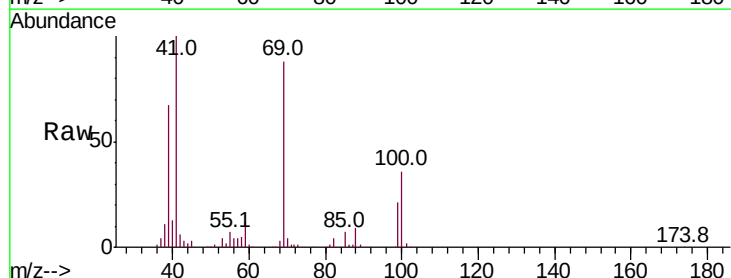
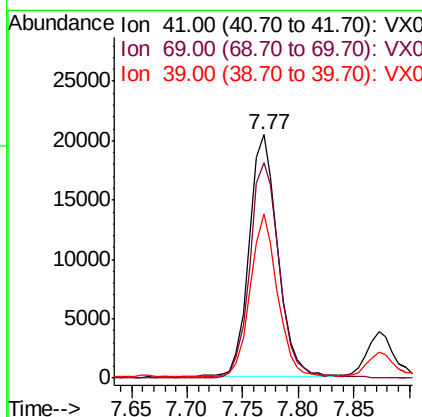
RT: 7.77 min Scan# 1085

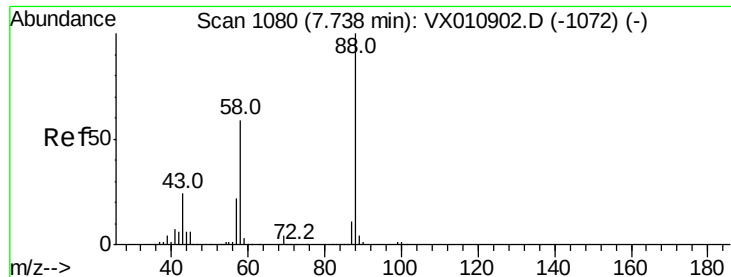
Delta R.T. 0.00 min

Lab File: VX011163.D

Acq: 29 Jul 2019 23:12

Tgt Ion:	41	Resp:	36779
Ion	Ratio	Lower	Upper
41	100		
69	91.3	74.4	111.6
39	63.2	48.9	73.3





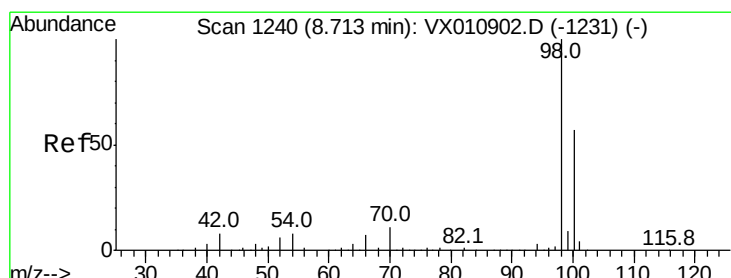
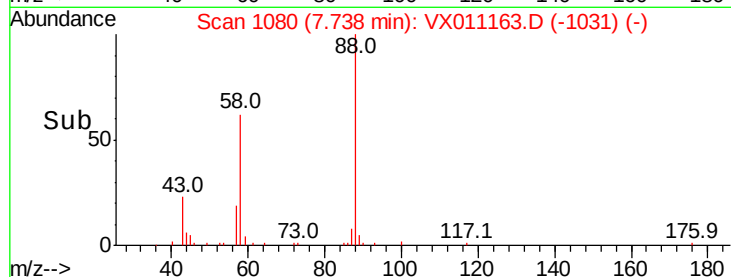
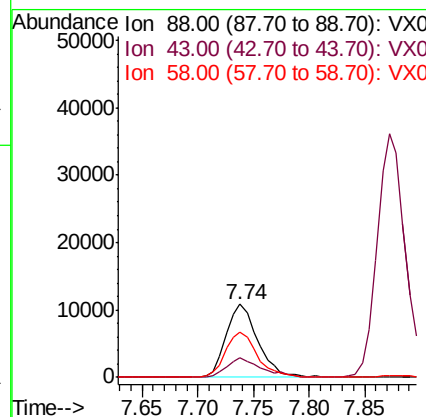
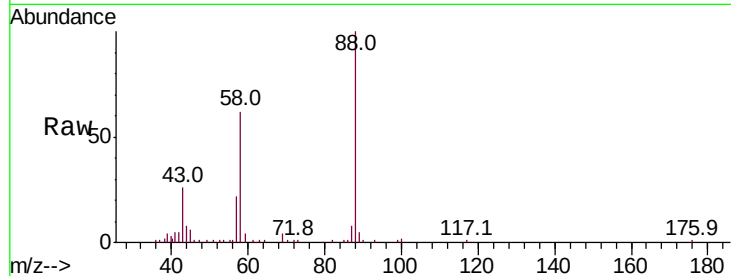
#49
1,4-Dioxane
Concen: 412.391 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX011163.D
Acq: 29 Jul 2019 23:12

Instrument :
MSVOA_X
ClientSampleId :
VX0729WBS02

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.3	22.9	34.3
58	61.9	49.8	74.8

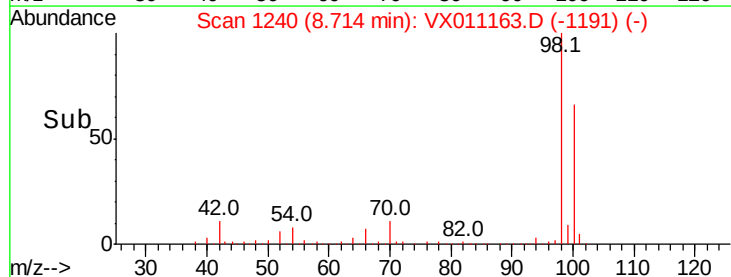
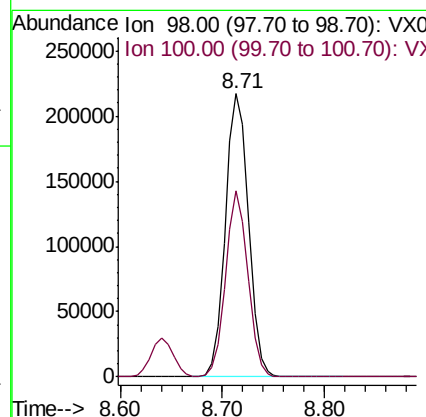
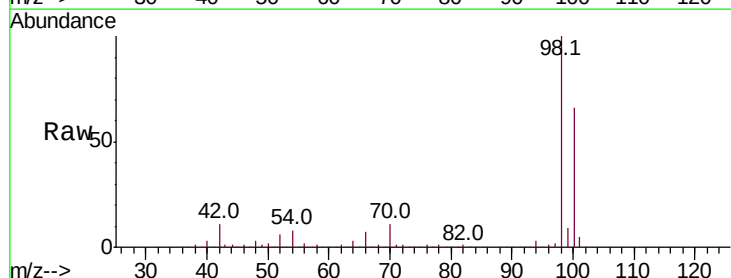
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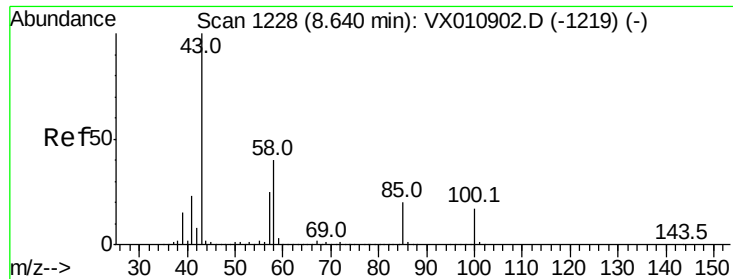
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#50
Toluene-d8
Concen: 51.644 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011163.D
Acq: 29 Jul 2019 23:12

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.2	50.6	75.8





#51

4-Methyl-2-Pentanone

Concen: 104.701 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX011163.D

Acq: 29 Jul 2019 23:12

Instrument :

MSVOA_X

ClientSampleId :

VX0729WBS02

Tot Ion: 43 Resp: 260746

Ion Ratio Lower Upper

43 100

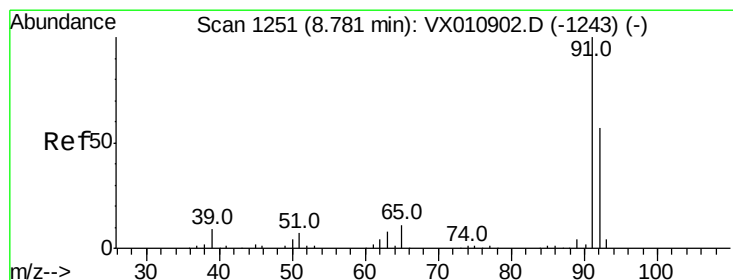
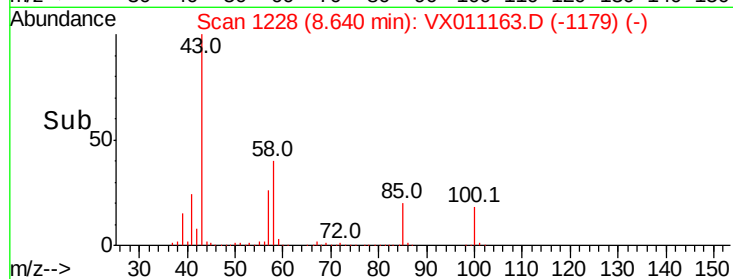
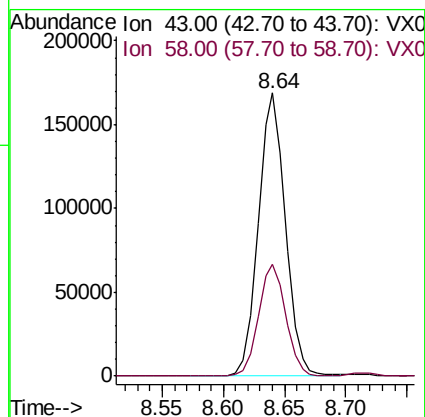
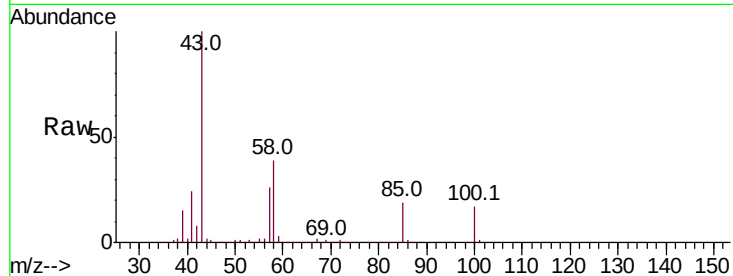
58 39.7 32.2 48.4

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#52

Toluene

Concen: 19.358 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VX011163.D

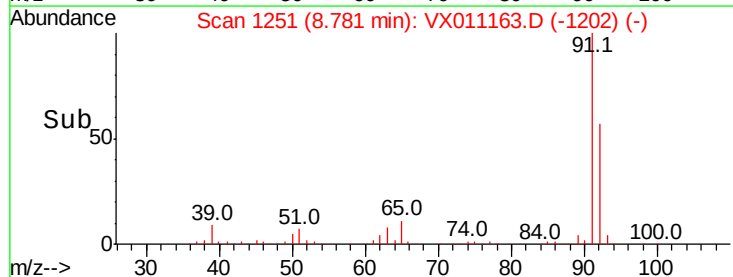
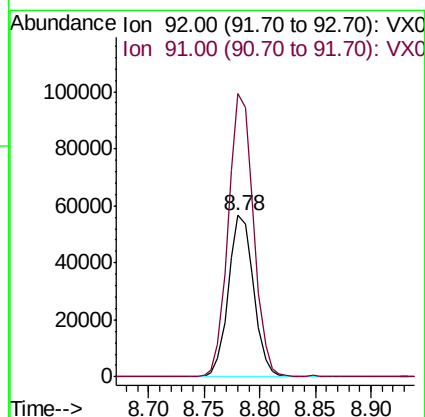
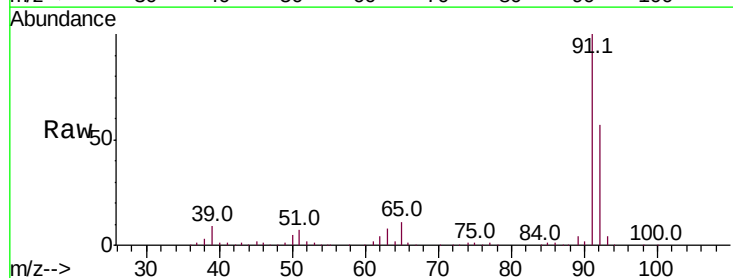
Acq: 29 Jul 2019 23:12

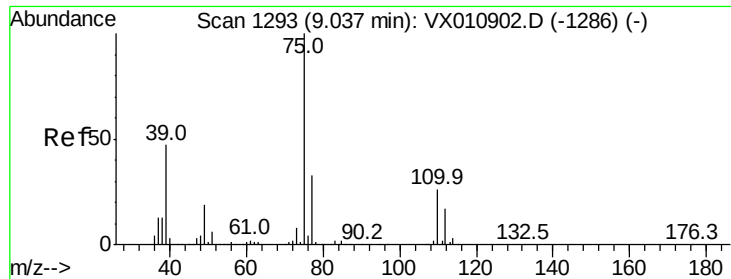
Tgt Ion: 92 Resp: 88885

Ion Ratio Lower Upper

92 100

91 175.4 139.4 209.0





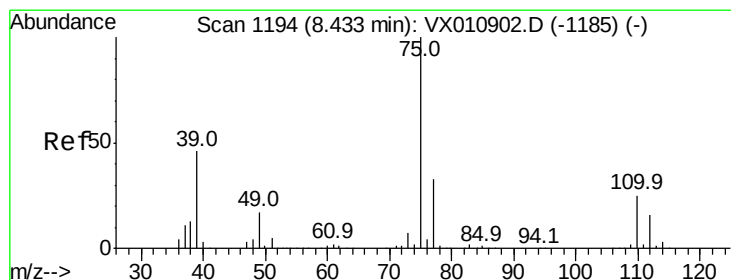
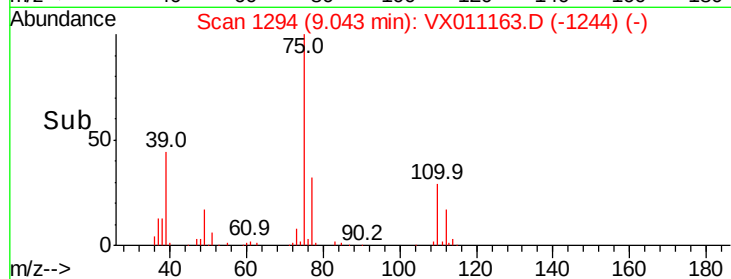
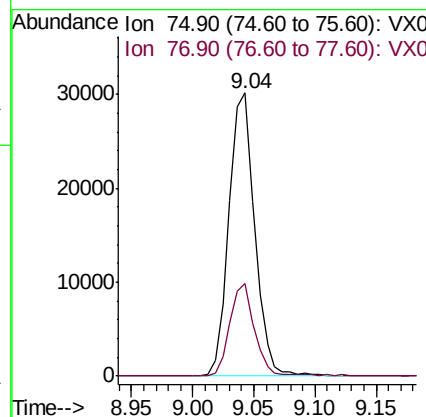
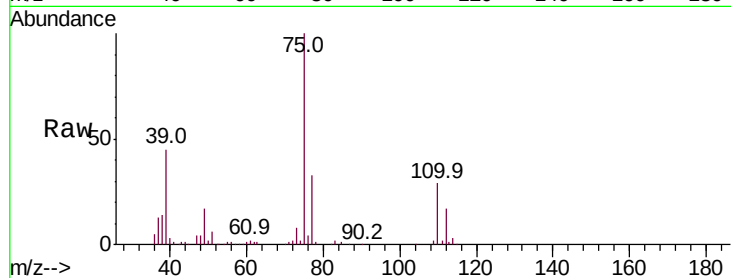
#53
t-1,3-Dichloropropene
Concen: 18.211 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.01 min
Lab File: VX011163.D
Acq: 29 Jul 2019 23:12

Instrument :
MSVOA_X
ClientSampleId :
VX0729WBS02

Tot Ion: 75 Resp: 44308
Ion Ratio Lower Upper
75 100
77 32.6 26.2 39.2

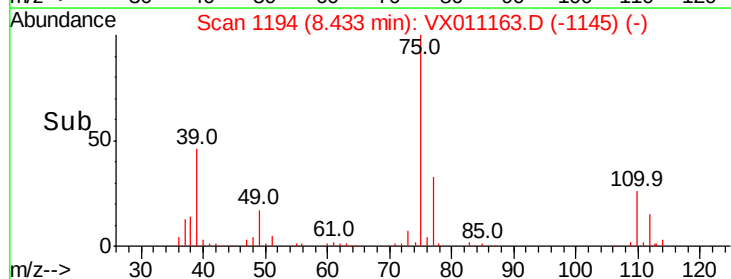
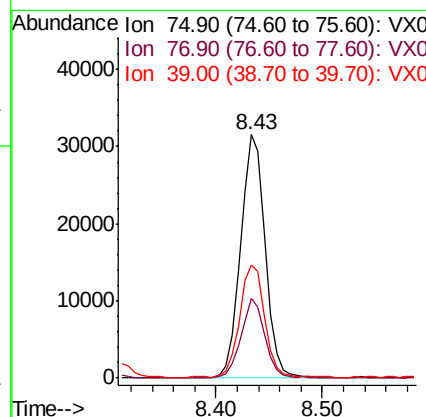
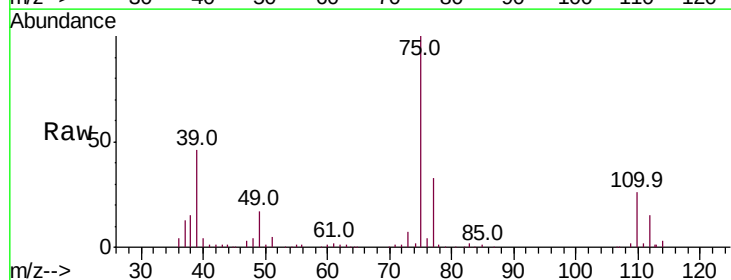
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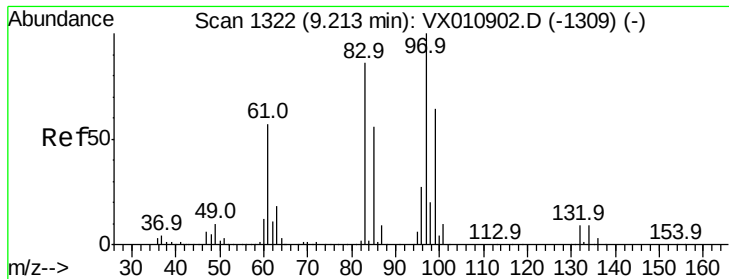
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#54
cis-1,3-Dichloropropene
Concen: 18.907 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX011163.D
Acq: 29 Jul 2019 23:12

Tgt Ion: 75 Resp: 51188
Ion Ratio Lower Upper
75 100
77 33.0 26.1 39.1
39 46.2 36.6 54.8





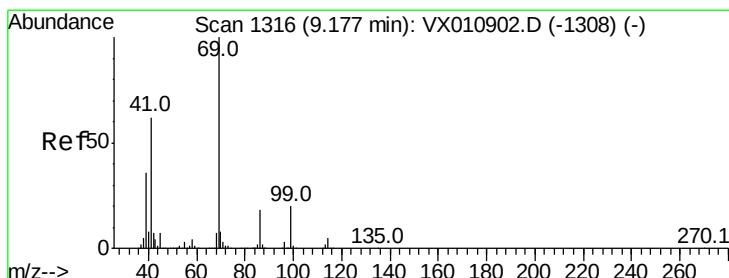
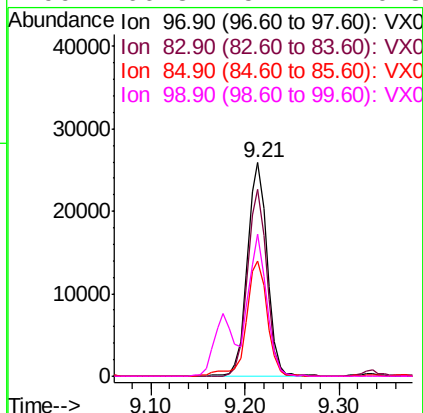
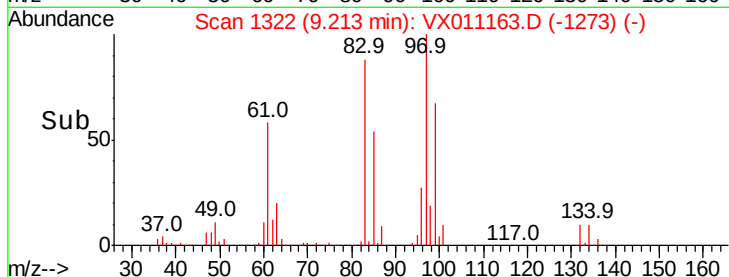
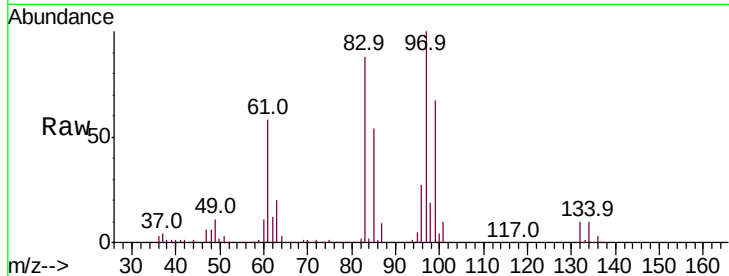
#55
 1,1,2-Trichloroethane
 Concen: 20.227 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX011163.D
 Acq: 29 Jul 2019 23:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0729WBS02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		38240		
83	87.8	69.2	103.8		
85	53.8	44.6	66.8		
99	66.8	51.2	76.8		

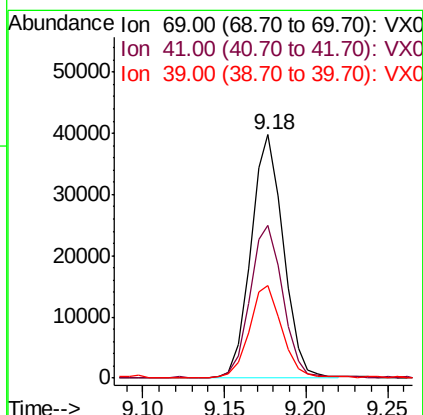
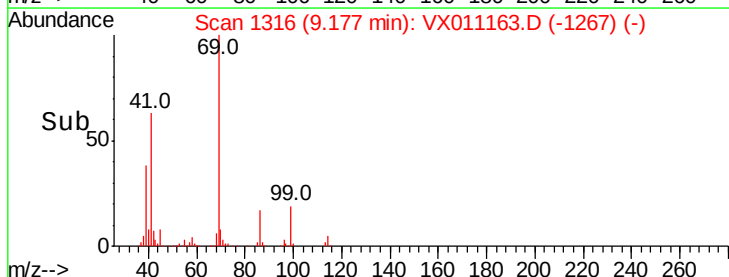
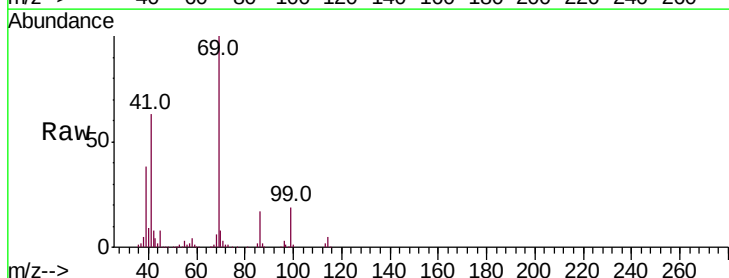
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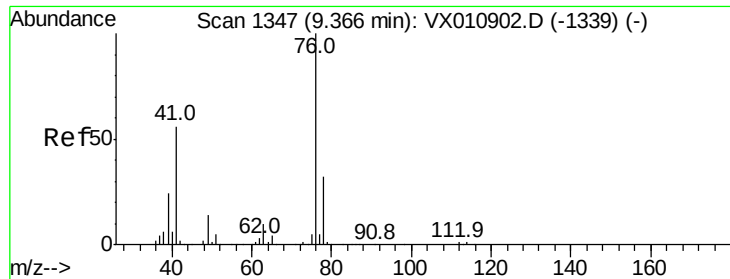
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#56
 Ethyl methacrylate
 Concen: 19.919 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX011163.D
 Acq: 29 Jul 2019 23:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		55085		
41	63.2	49.7	74.5		
39	37.7	29.6	44.4		





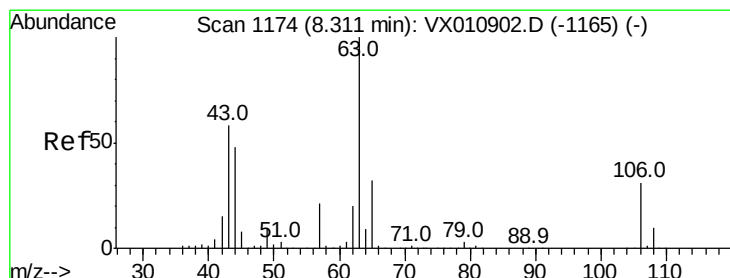
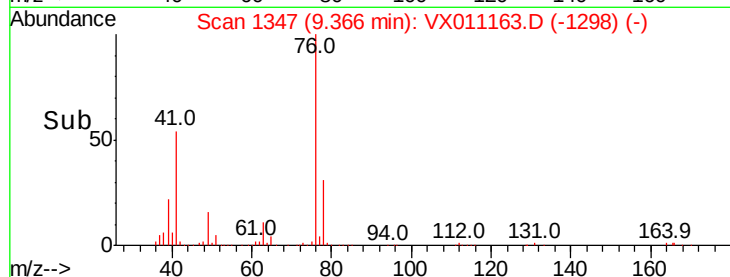
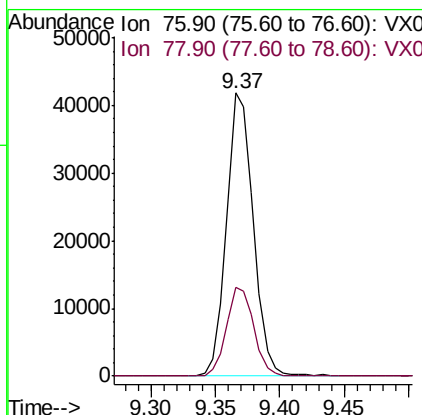
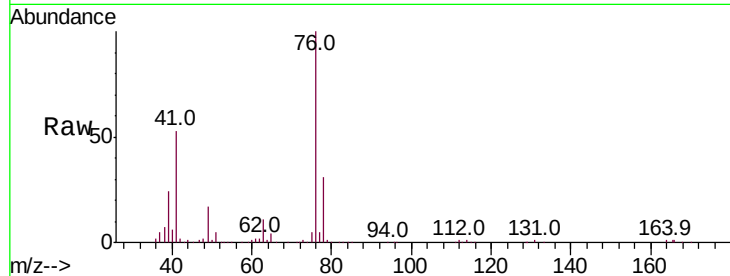
#57
 1,3-Dichloropropane
 Concen: 20.368 ug/l
 RT: 9.37 min Scan# 1347
 Delta R.T. 0.00 min
 Lab File: VX011163.D
 Acq: 29 Jul 2019 23:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0729WBS02

Tot Ion: 76 Resp: 61086
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.6 38.4

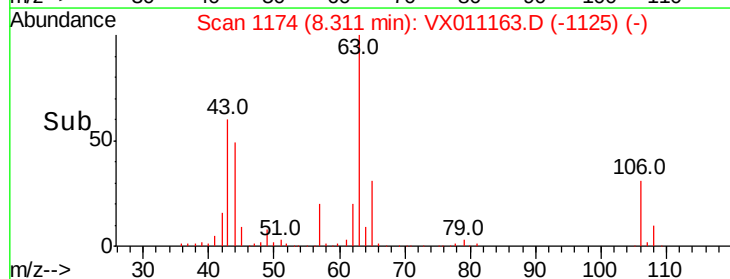
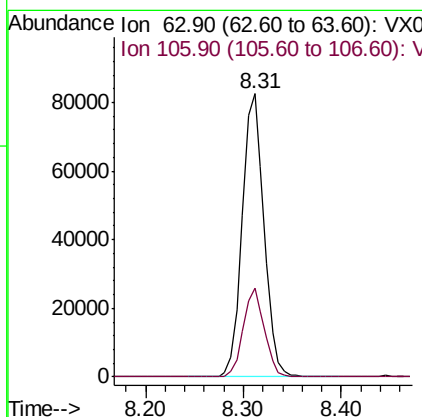
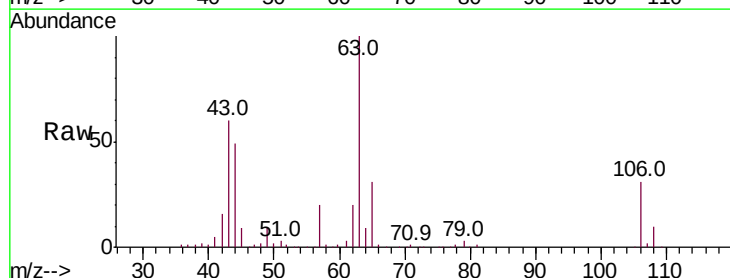
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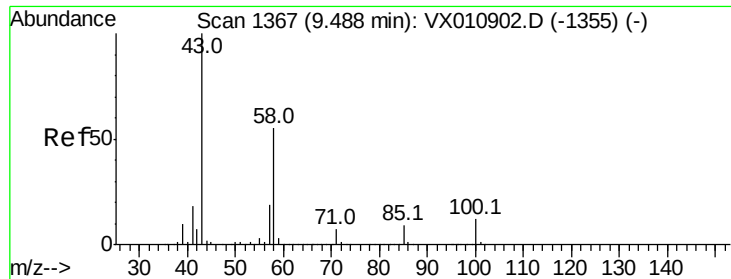
MMDadoda
 7/30/2019 11:17:45 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 96.452 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX011163.D
 Acq: 29 Jul 2019 23:12

Tgt Ion: 63 Resp: 127326
 Ion Ratio Lower Upper
 63 100
 106 30.4 24.0 36.0





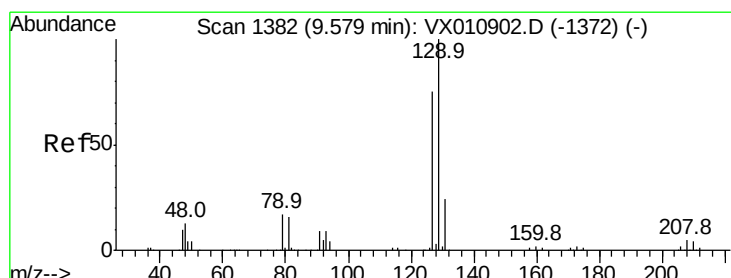
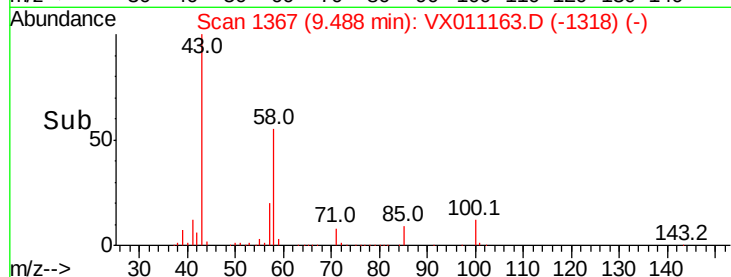
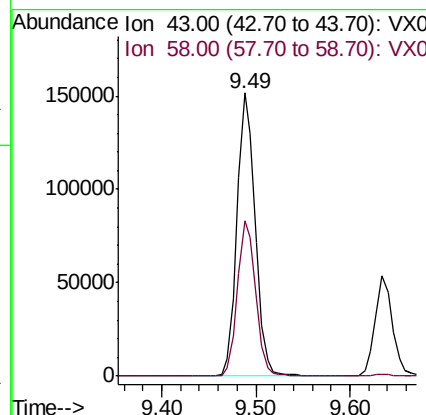
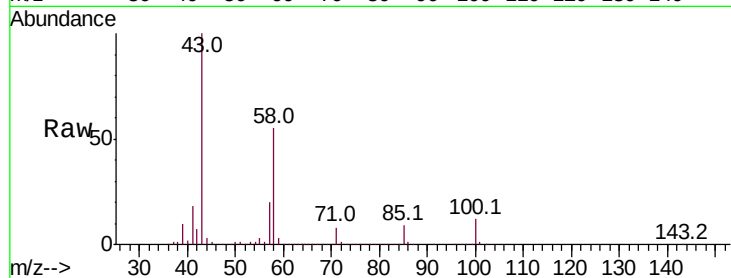
#59
2-Hexanone
Concen: 105.202 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX011163.D
Acq: 29 Jul 2019 23:12

Instrument :
MSVOA_X
ClientSampleId :
VX0729WBS02

Tot Ion: 43 Resp: 203207
Ion Ratio Lower Upper
43 100
58 55.1 28.0 83.9

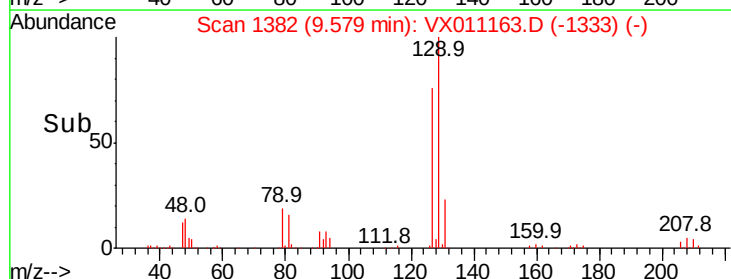
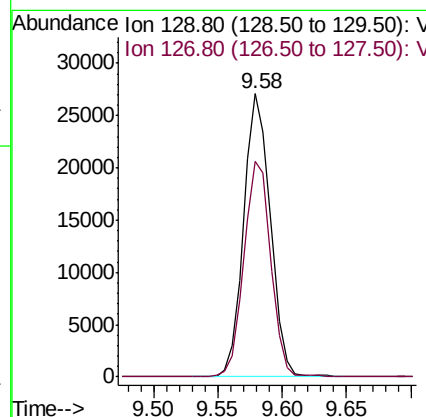
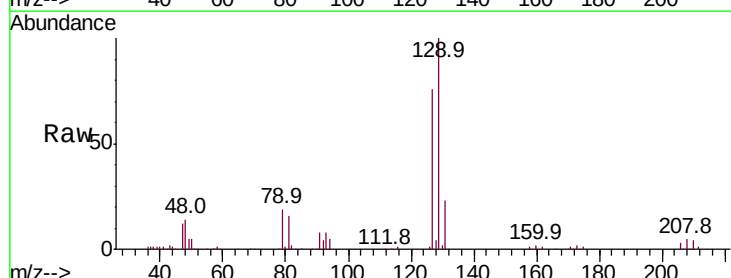
Manual Integrations
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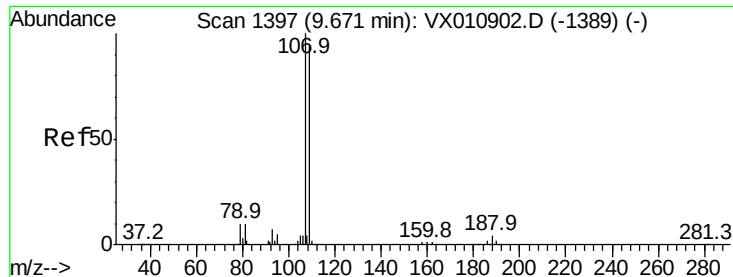
MMDadoda
7/30/2019 11:17:45 AM



#60
Dibromochloromethane
Concen: 19.416 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX011163.D
Acq: 29 Jul 2019 23:12

Tgt Ion: 129 Resp: 38702
Ion Ratio Lower Upper
129 100
127 76.5 38.6 115.8





#61

1,2-Dibromoethane

Concen: 20.501 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX011163.D

Acq: 29 Jul 2019 23:12

Instrument :

MSVOA_X

ClientSampleId :

VX0729WBS02

Tot Ion:107 Resp: 41133

Ion Ratio Lower Upper

107 100

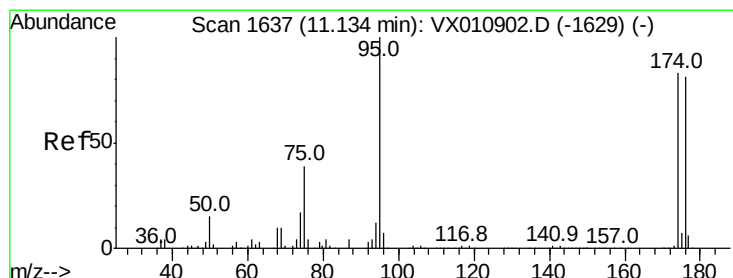
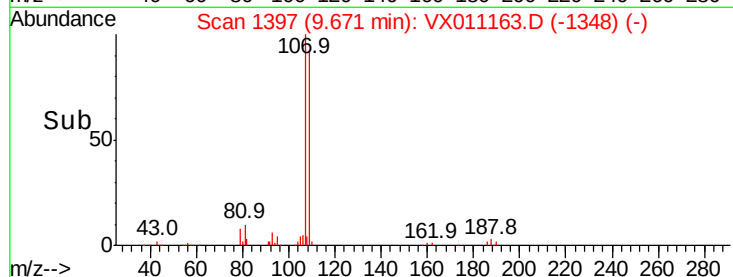
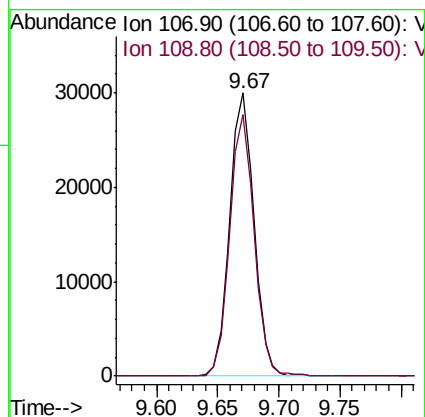
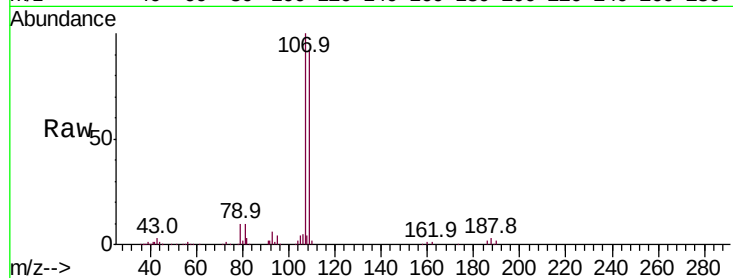
109 92.4 75.4 113.0

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#62

4-Bromofluorobenzene

Concen: 51.504 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011163.D

Acq: 29 Jul 2019 23:12

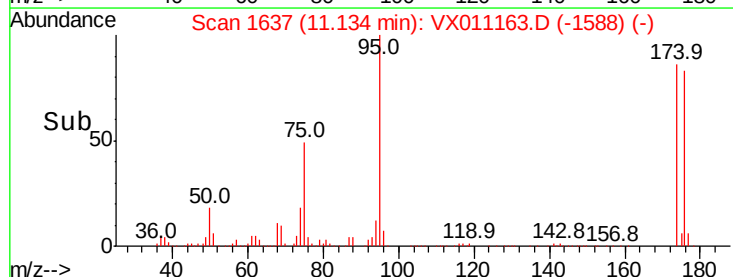
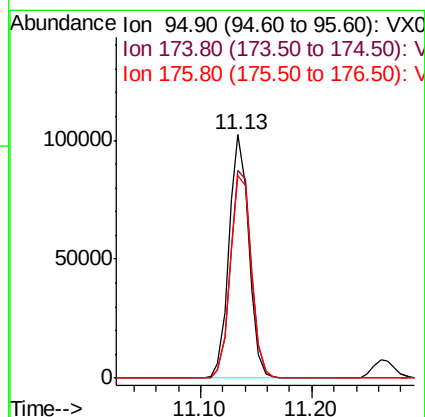
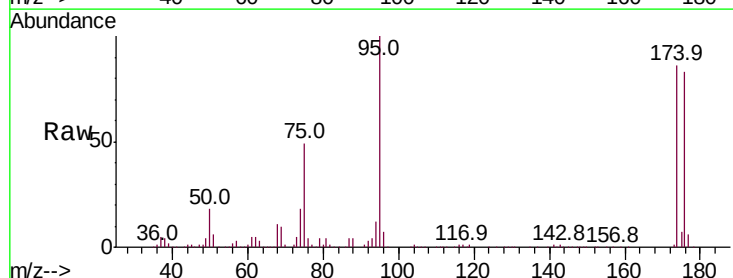
Tgt Ion: 95 Resp: 125191

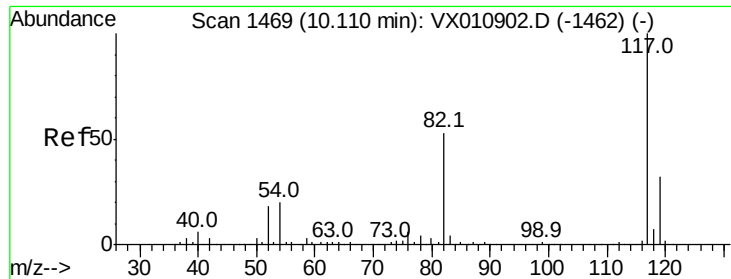
Ion Ratio Lower Upper

95 100

174 90.3 0.0 180.6

176 88.2 0.0 173.8





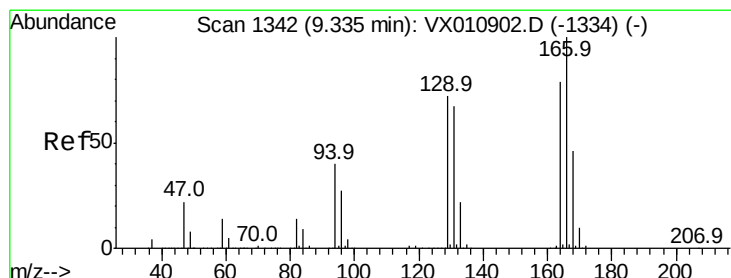
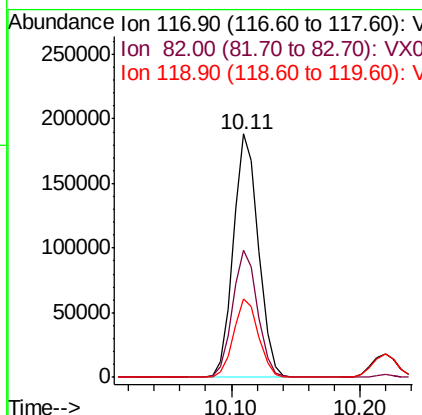
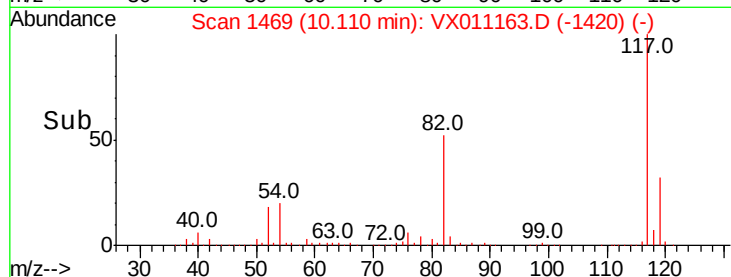
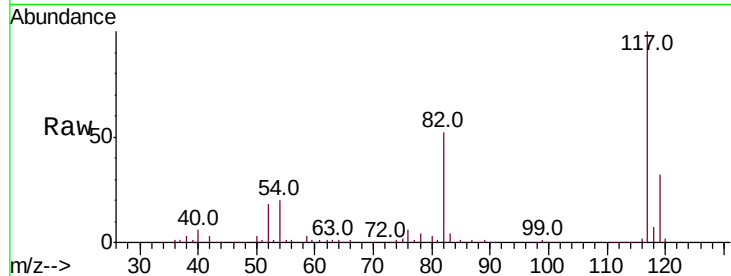
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011163.D
Acq: 29 Jul 2019 23:12

Instrument :
MSVOA_X
ClientSampleId :
VX0729WBS02

Tot Ion	Ratio	Resp	Lower	Upper
117	100	255240		
82	52.3		42.6	63.8
119	32.4		25.9	38.9

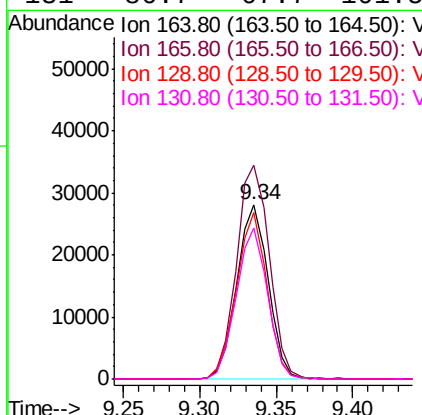
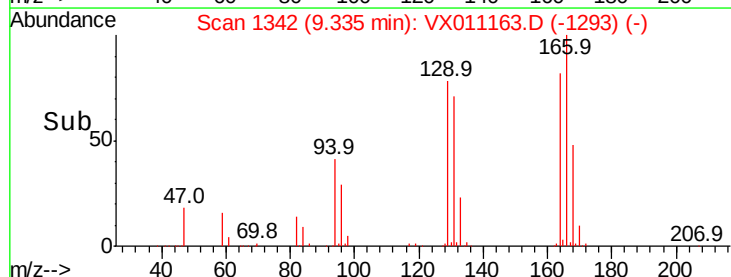
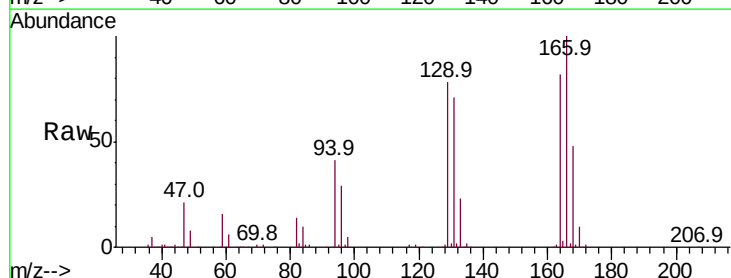
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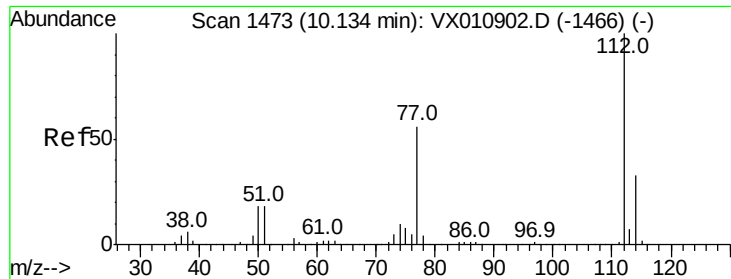
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#64
Tetrachloroethene
Concen: 19.923 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX011163.D
Acq: 29 Jul 2019 23:12

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	40004		
166	122.5		100.8	151.2
129	95.4		72.6	109.0
131	86.7		67.7	101.5





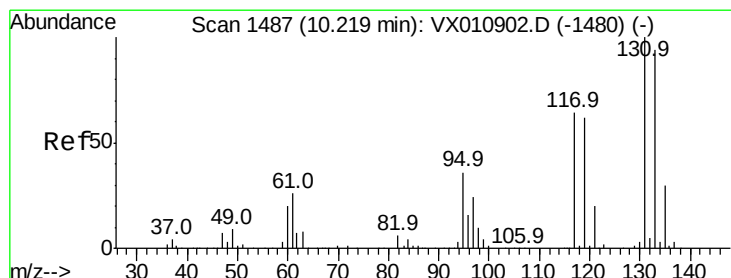
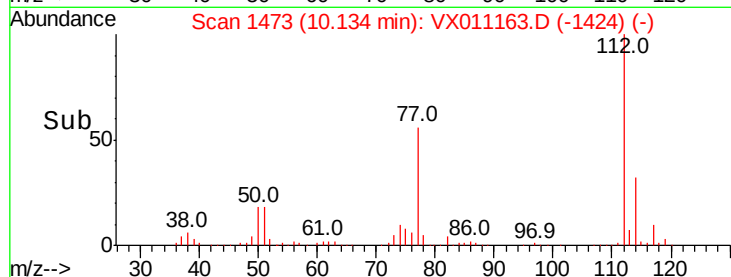
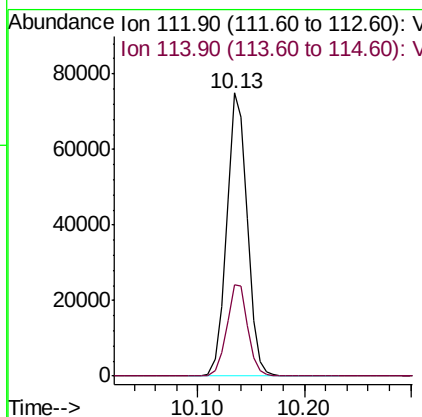
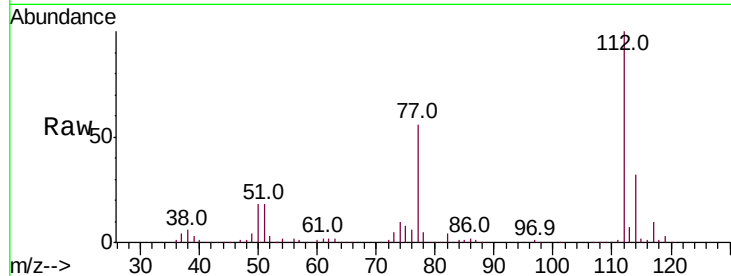
#65
Chlorobenzene
Concen: 19.343 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX011163.D
Acq: 29 Jul 2019 23:12

Instrument :
MSVOA_X
ClientSampled :
VX0729WBS02

Tot Ion:112 Resp: 101405
Ion Ratio Lower Upper
112 100
114 32.4 26.2 39.4

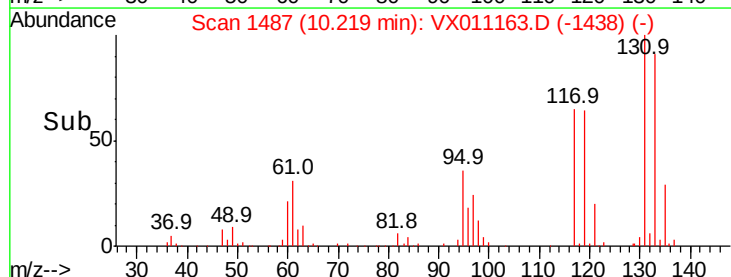
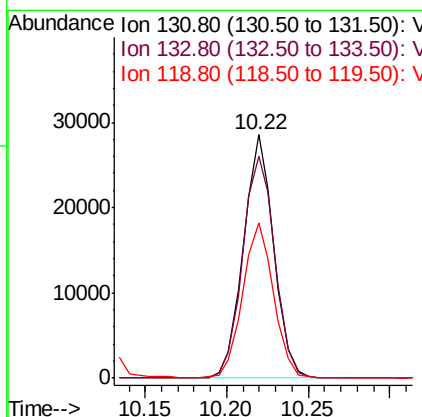
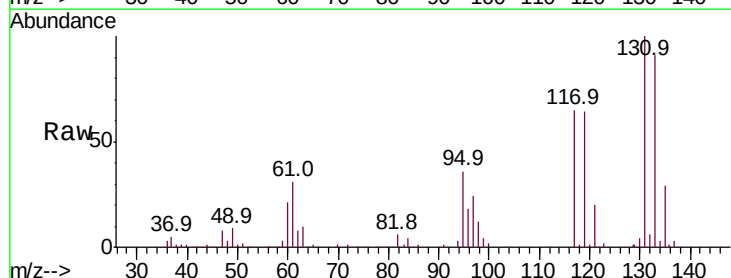
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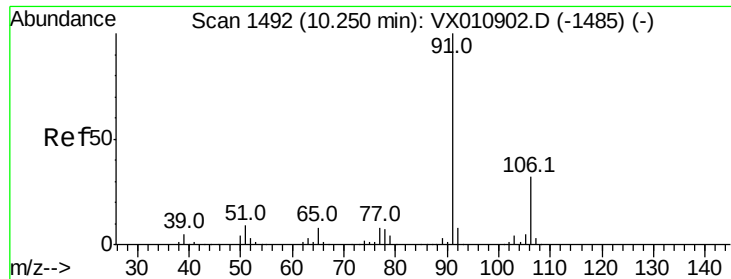
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.041 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX011163.D
Acq: 29 Jul 2019 23:12

Tgt Ion:131 Resp: 36925
Ion Ratio Lower Upper
131 100
133 96.6 47.1 141.4
119 65.6 31.9 95.7





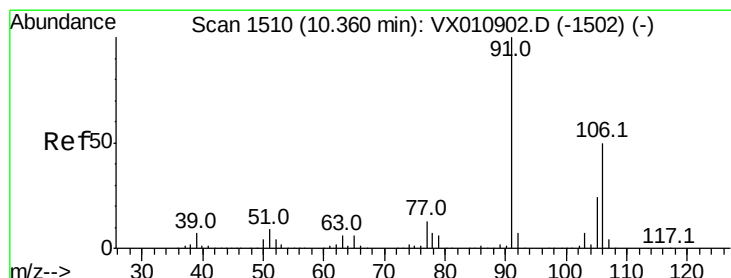
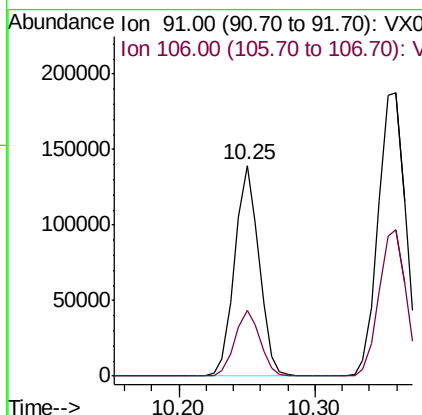
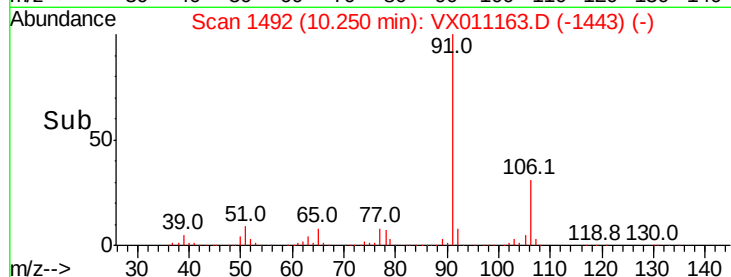
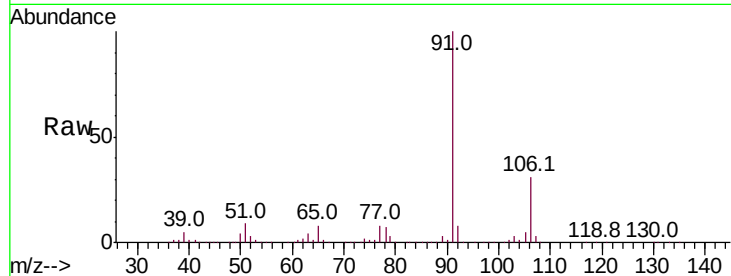
#67
Ethyl Benzene
Concen: 19.501 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX011163.D
Acq: 29 Jul 2019 23:12

Instrument :
MSVOA_X
ClientSampleId :
VX0729WBS02

Tot Ion: 91 Resp: 174010
Ion Ratio Lower Upper
91 100
106 31.3 25.4 38.2

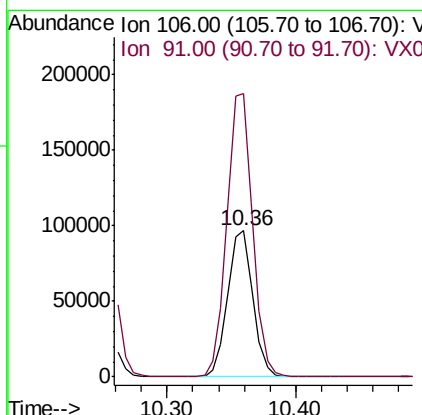
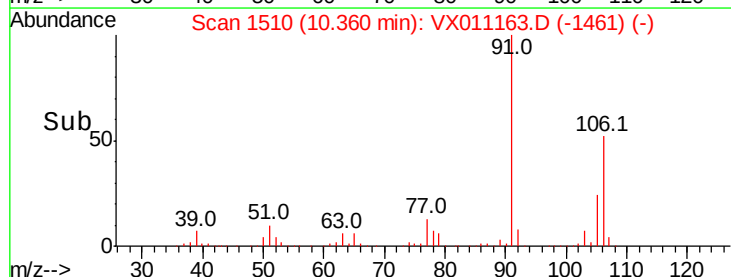
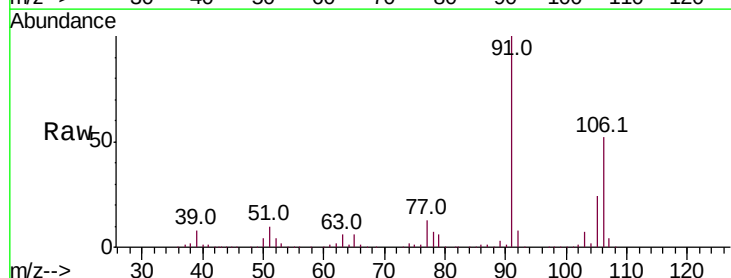
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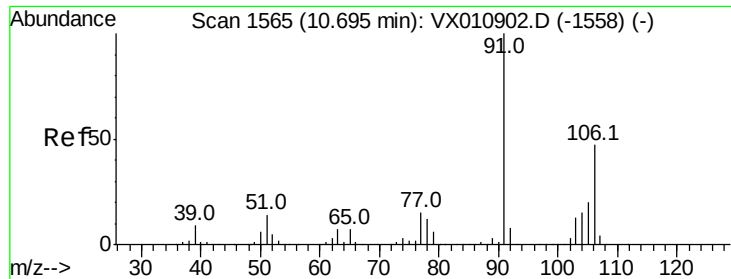
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#68
m/p-Xylenes
Concen: 39.054 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX011163.D
Acq: 29 Jul 2019 23:12

Tgt Ion: 106 Resp: 133678
Ion Ratio Lower Upper
106 100
91 196.7 160.1 240.1





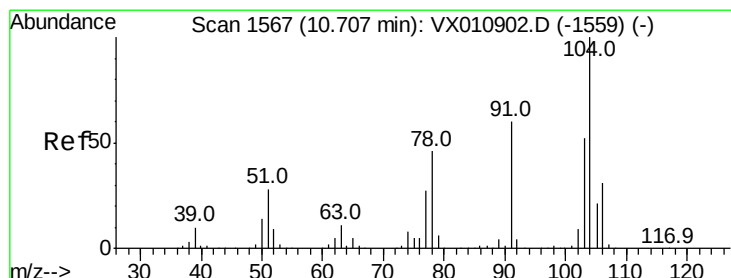
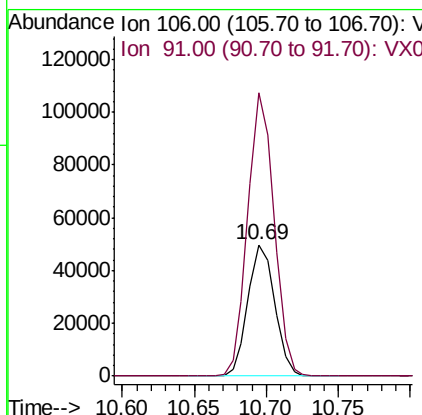
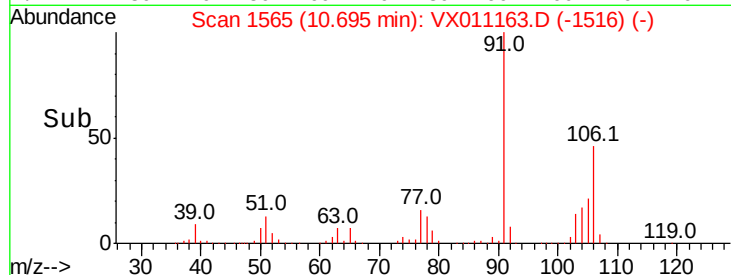
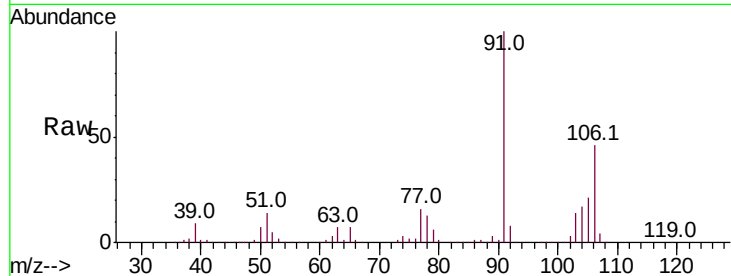
#69
o-Xylene
Concen: 19.292 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011163.D
Acq: 29 Jul 2019 23:12

Instrument :
MSVOA_X
ClientSampleId :
VX0729WBS02

Tot Ion:106 Resp: 64446
Ion Ratio Lower Upper
106 100
91 211.5 105.1 315.3

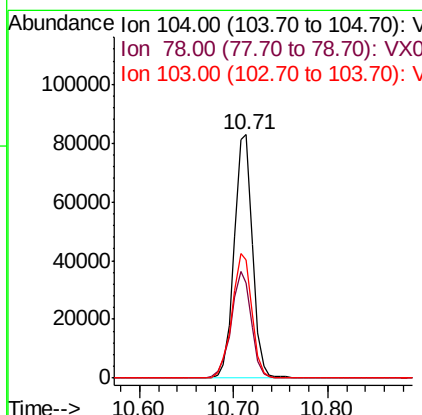
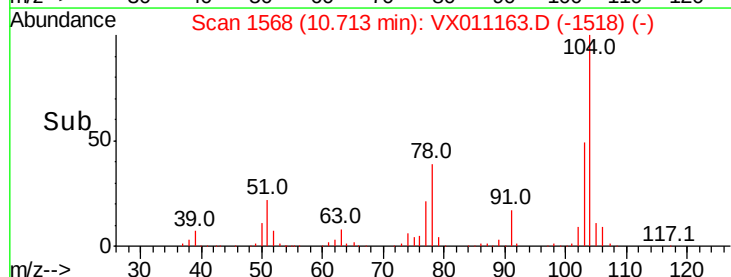
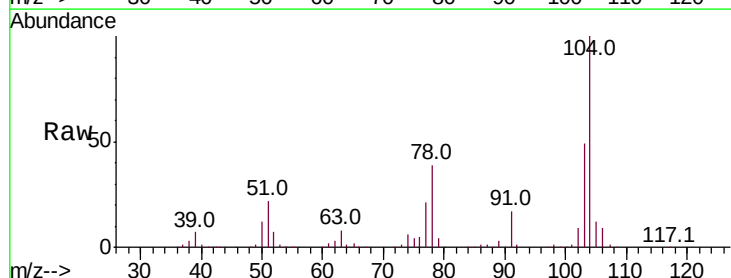
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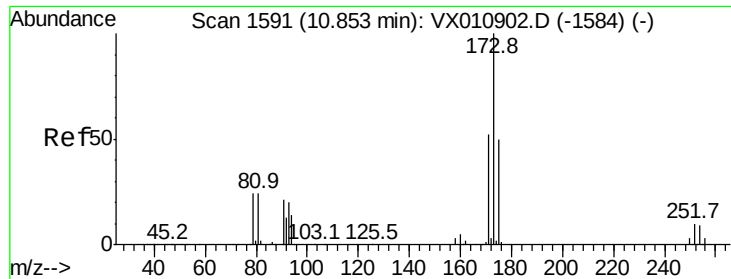
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#70
Styrene
Concen: 19.996 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.01 min
Lab File: VX011163.D
Acq: 29 Jul 2019 23:12

Tgt Ion:104 Resp: 111351
Ion Ratio Lower Upper
104 100
78 47.7 38.8 58.2
103 55.7 44.2 66.4





#71

Bromoform

Concen: 17.978 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX011163.D

Acq: 29 Jul 2019 23:12

Instrument :

MSVOA_X

ClientSampleId :

VX0729WBS02

Tot Ion:173 Resp: 27274

Ion Ratio Lower Upper

173 100

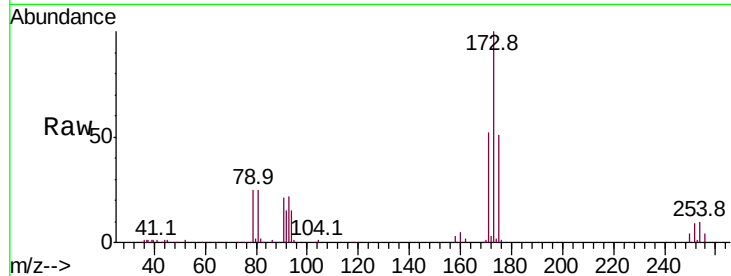
175 49.1 24.6 73.6

254 0.0 0.1 0.1#

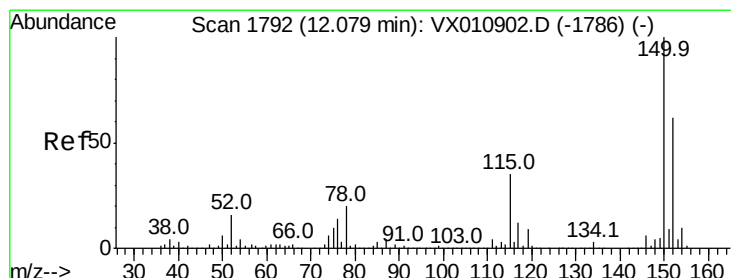
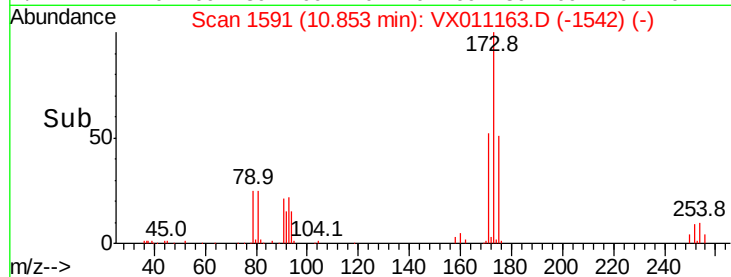
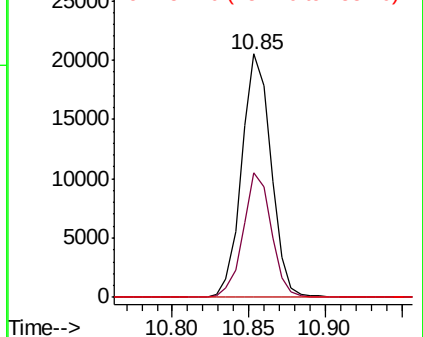
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX011163.D

Acq: 29 Jul 2019 23:12

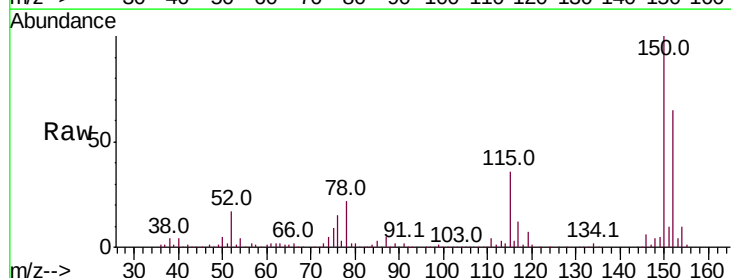
Tgt Ion:152 Resp: 132964

Ion Ratio Lower Upper

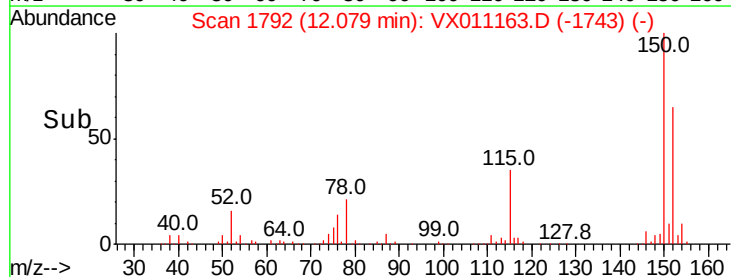
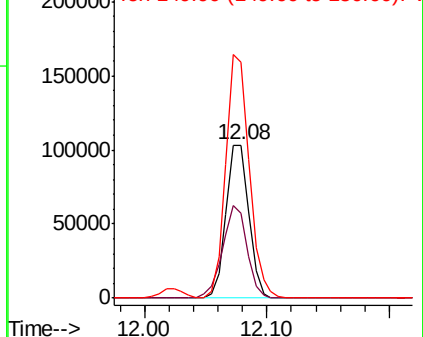
152 100

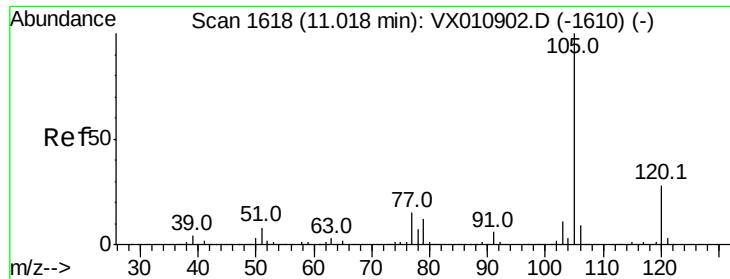
115 65.0 39.7 119.1

150 162.8 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: 19.706 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX011163.D

Acq: 29 Jul 2019 23:12

Instrument :

MSVOA_X

ClientSampleId :

VX0729WBS02

Tot Ion:105 Resp: 177045

Ion Ratio Lower Upper

105 100

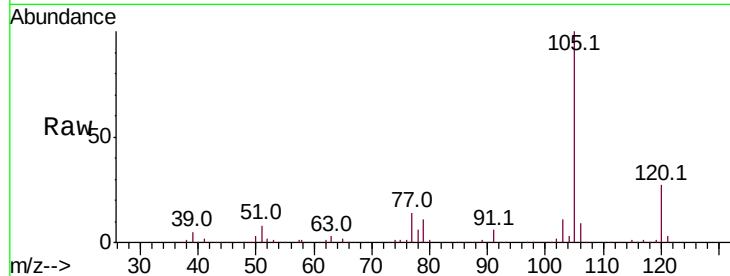
120 27.2 13.7 41.1

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

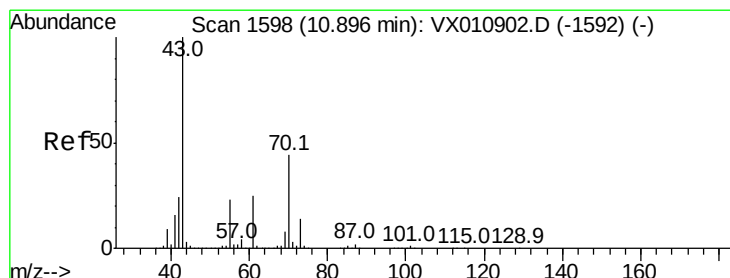
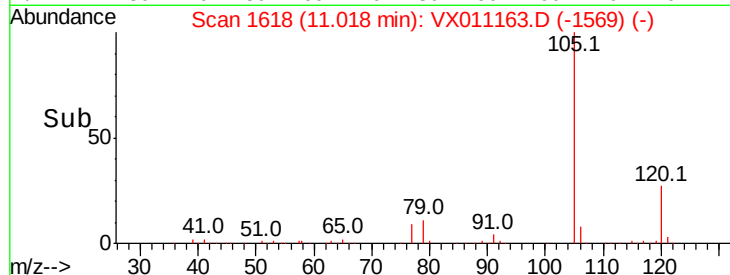
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 19.576 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX011163.D

Acq: 29 Jul 2019 23:12

Tgt Ion: 43 Resp: 67203

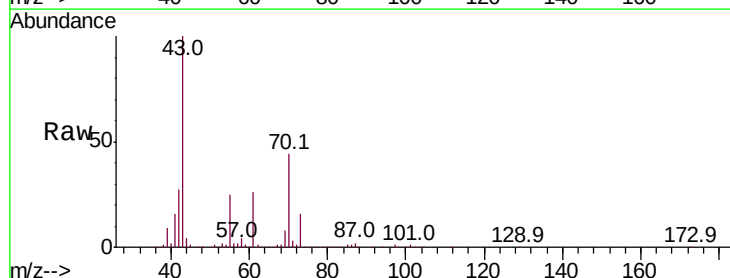
Ion Ratio Lower Upper

43 100

70 43.5 34.7 52.1

55 25.4 19.1 28.7

61 25.5 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

10.90

80000

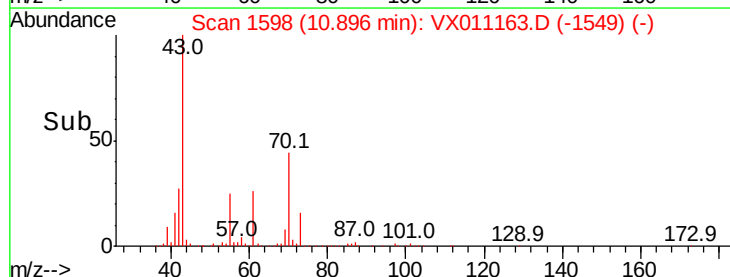
60000

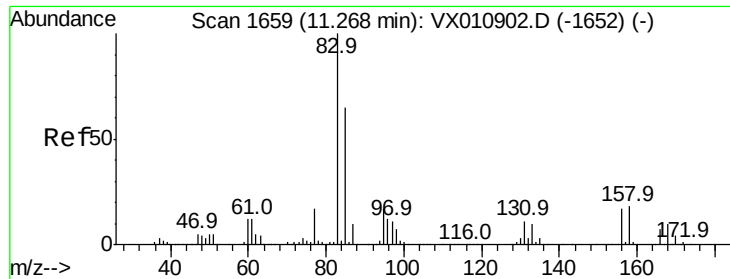
40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 20.843 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX011163.D

Acq: 29 Jul 2019 23:12

Instrument :

MSVOA_X

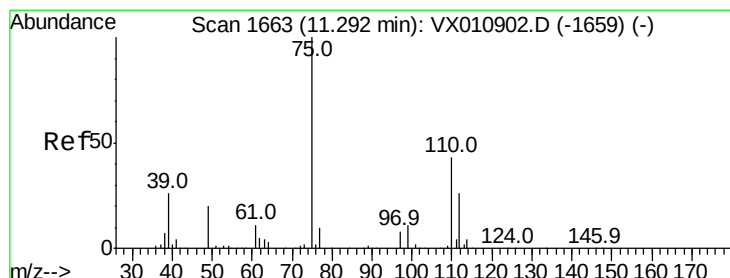
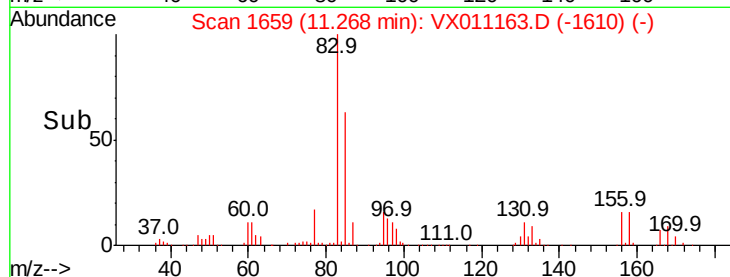
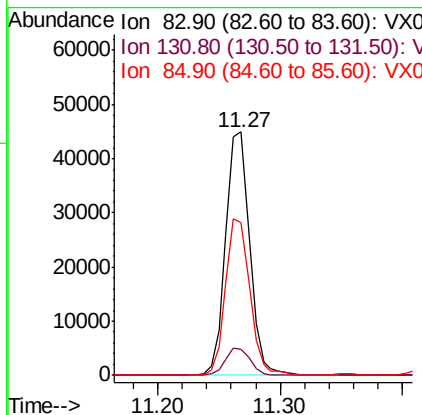
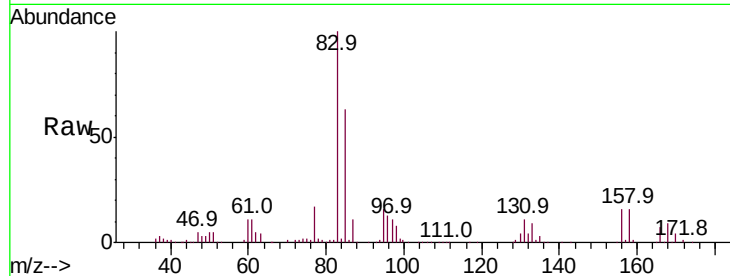
ClientSampleId :

VX0729WBS02

Tot Ion:	83	Resp:	61283
Ion	Ratio	Lower	Upper
83	100		
131	11.3	5.5	16.4
85	65.3	32.3	96.9

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#76

1,2,3-Trichloropropane

Concen: 21.001 ug/l m

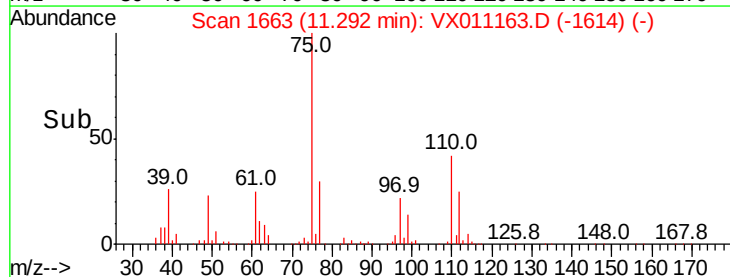
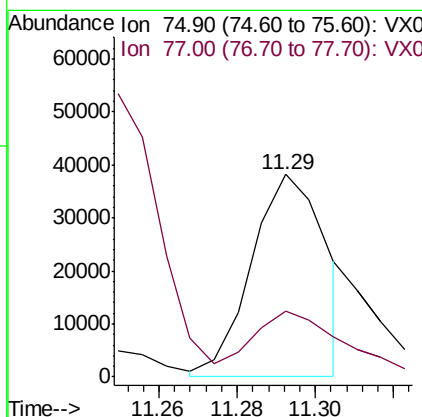
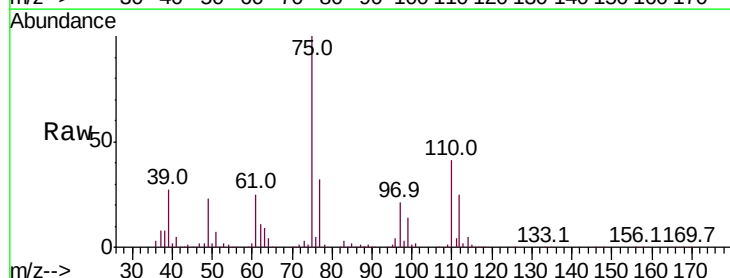
RT: 11.29 min Scan# 1663

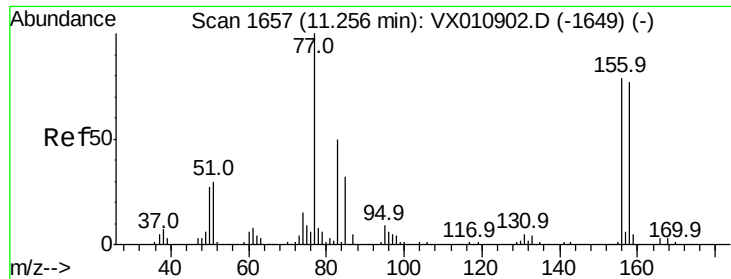
Delta R.T. 0.00 min

Lab File: VX011163.D

Acq: 29 Jul 2019 23:12

Tgt Ion:	75	Resp:	50389
Ion	Ratio	Lower	Upper
75	100		
77	40.4	21.3	64.0





#77

Bromobenzene

Concen: 19.323 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX011163.D

Acq: 29 Jul 2019 23:12

Instrument :

MSVOA_X

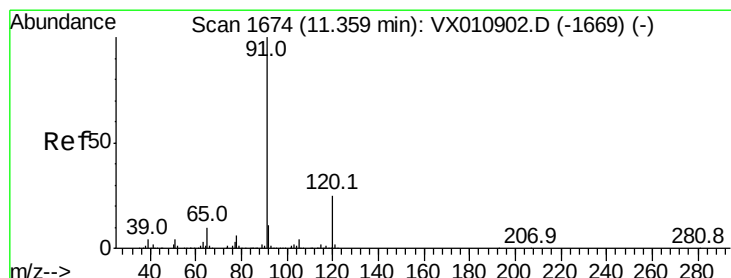
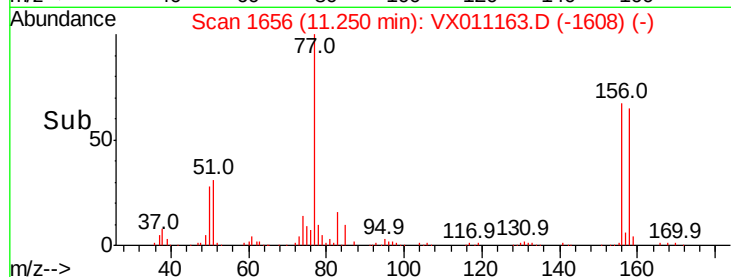
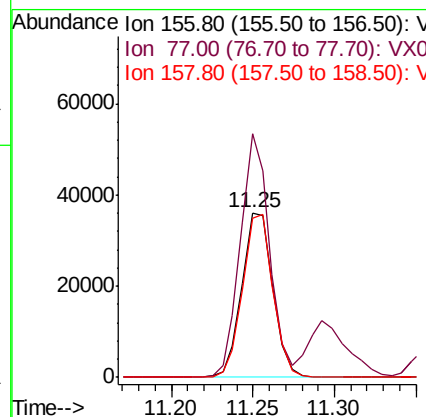
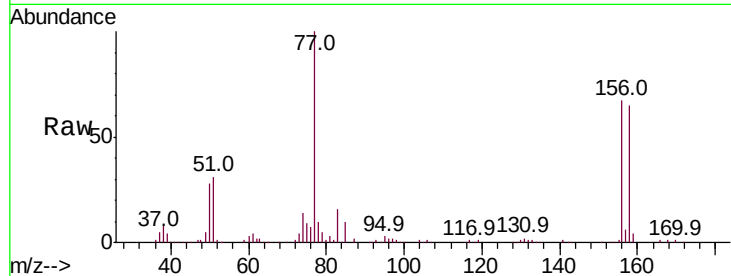
ClientSampleId :

VX0729WBS02

Tot Ion:	156	Resp:	47887
Ion	Ratio	Lower	Upper
156	100		
77	139.3	68.7	206.1
158	97.1	47.9	143.7

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7/30/2019 11:17:45 AM



#78

n-propylbenzene

Concen: 19.474 ug/l

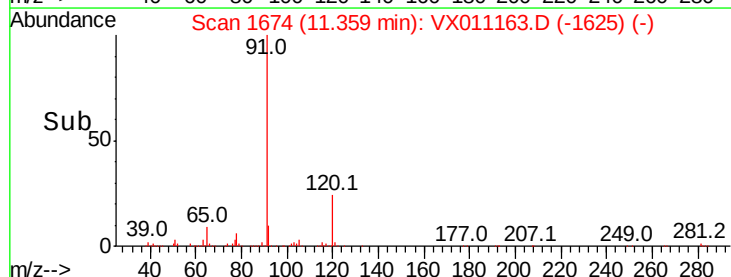
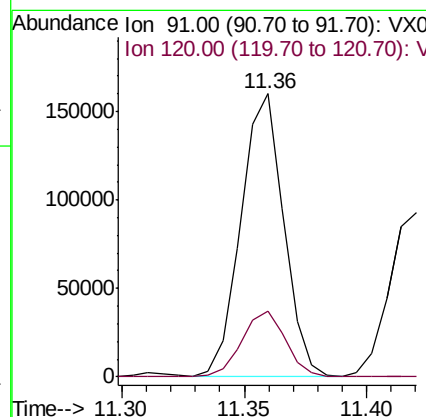
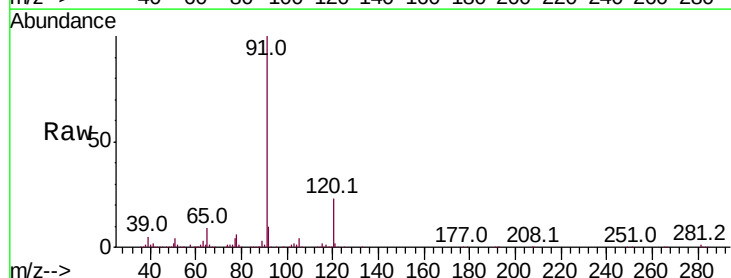
RT: 11.36 min Scan# 1674

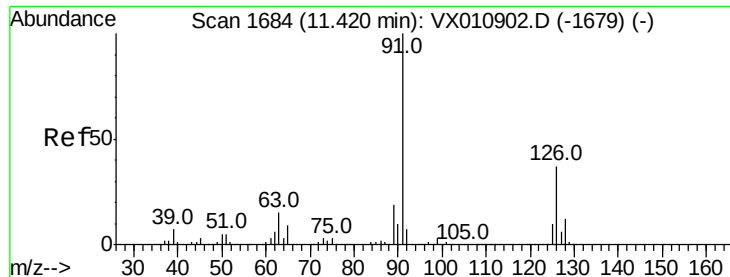
Delta R.T. 0.00 min

Lab File: VX011163.D

Acq: 29 Jul 2019 23:12

Tgt Ion:	91	Resp:	193314
Ion	Ratio	Lower	Upper
91	100		
120	23.9	12.3	36.8





#79

2-Chlorotoluene

Concen: 19.481 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX011163.D

Acq: 29 Jul 2019 23:12

Instrument :

MSVOA_X

ClientSampleId :

VX0729WBS02

Tot Ion: 91 Resp: 116170

Ion Ratio Lower Upper

91 100

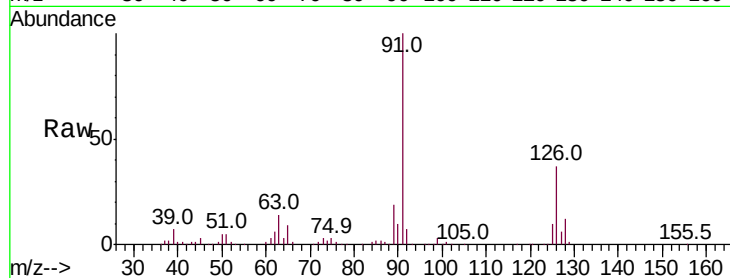
126 37.3 18.0 54.0

Manual Integrations

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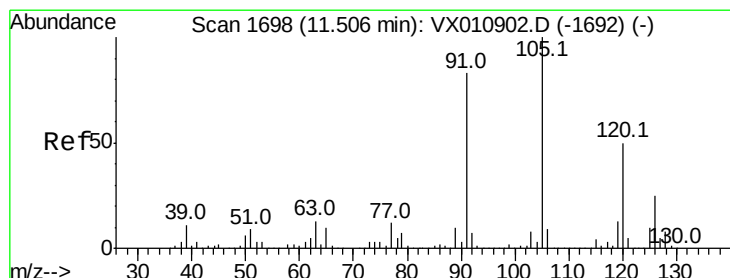
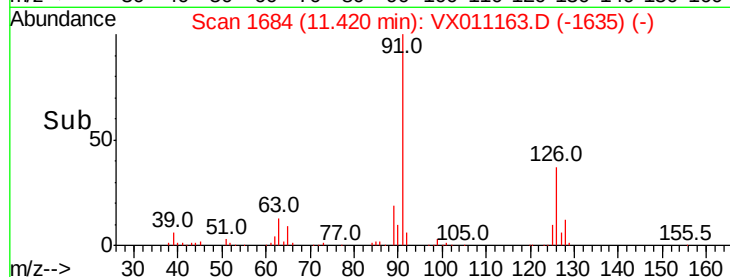
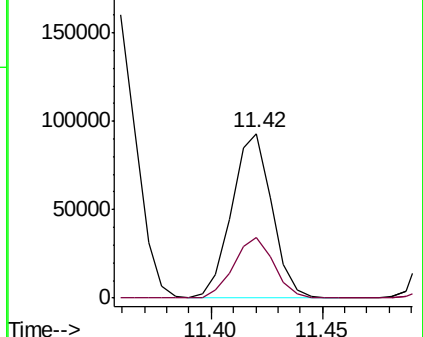
MMDadoda

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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 19.594 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011163.D

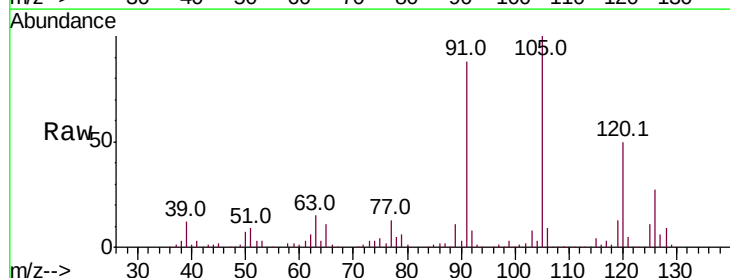
Acq: 29 Jul 2019 23:12

Tgt Ion:105 Resp: 147098

Ion Ratio Lower Upper

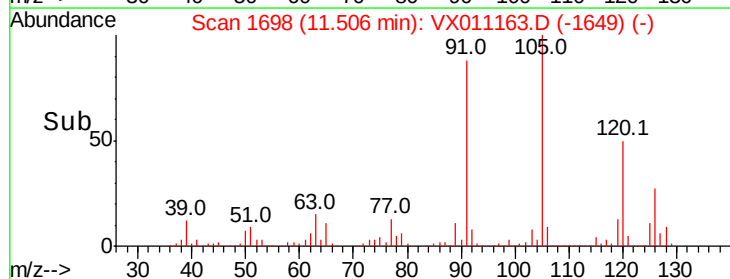
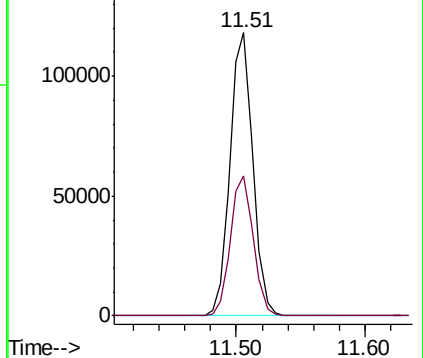
105 100

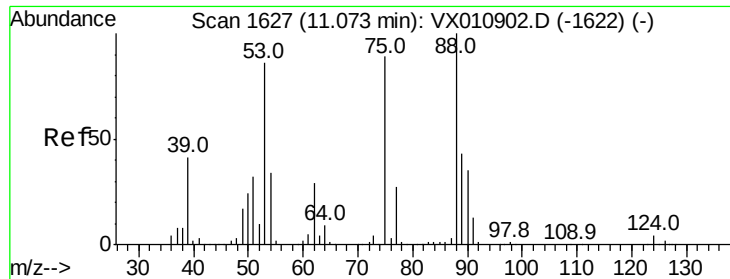
120 49.6 24.6 73.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





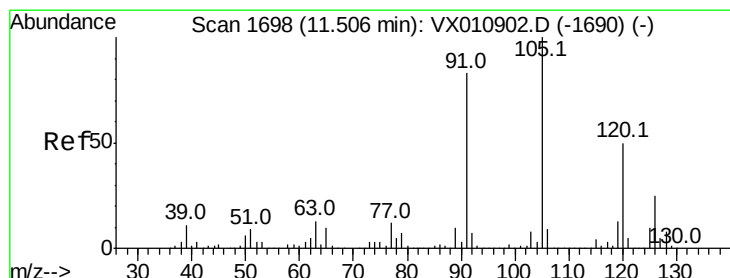
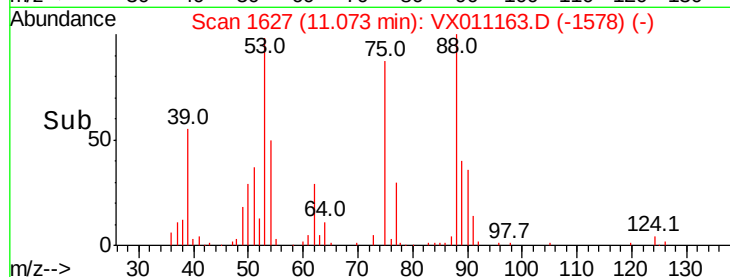
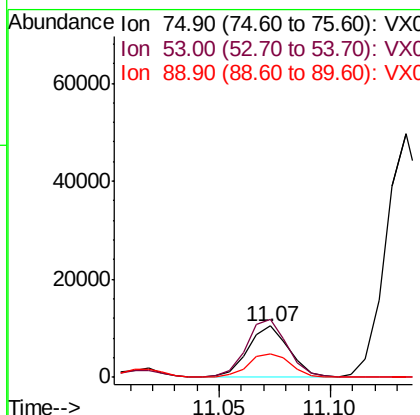
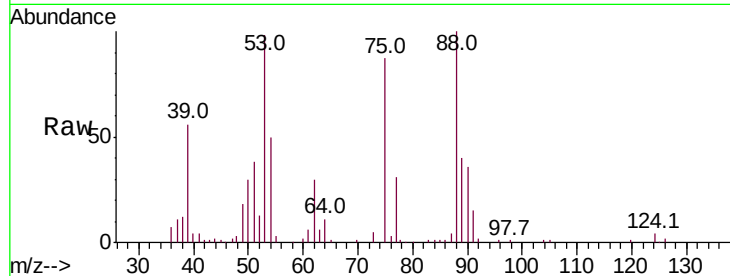
#81
trans-1,4-Dichloro-2-butene
Concen: 16.835 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX011163.D
Acq: 29 Jul 2019 23:12

Instrument :
MSVOA_X
ClientSampleId :
VX0729WBS02

Tot Ion: 75 Resp: 13227
Ion Ratio Lower Upper
75 100
53 115.3 76.7 115.1#
89 47.9 38.5 57.7

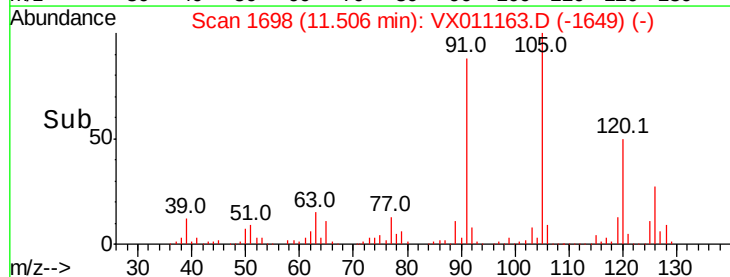
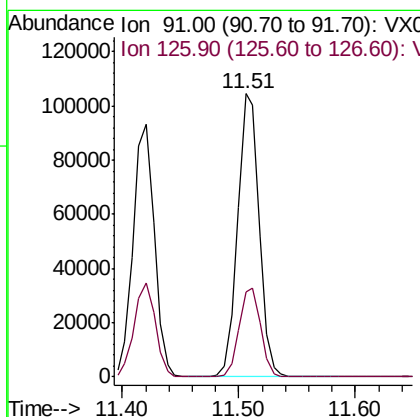
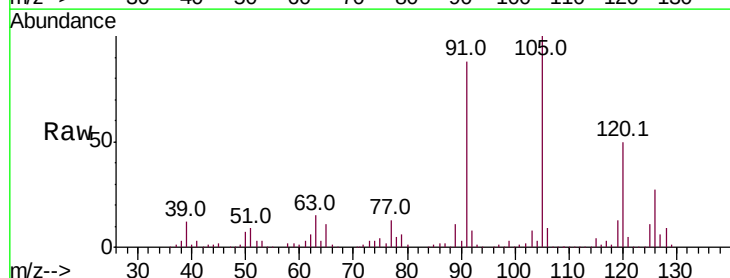
Manual Integrations
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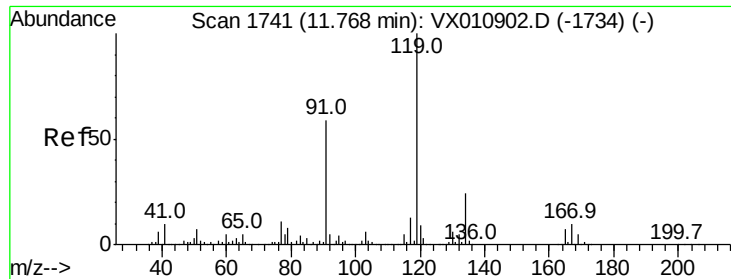
MMDadoda
7/30/2019 11:17:45 AM



#82
4-Chlorotoluene
Concen: 19.427 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX011163.D
Acq: 29 Jul 2019 23:12

Tgt Ion: 91 Resp: 134835
Ion Ratio Lower Upper
91 100
126 31.5 15.9 47.7





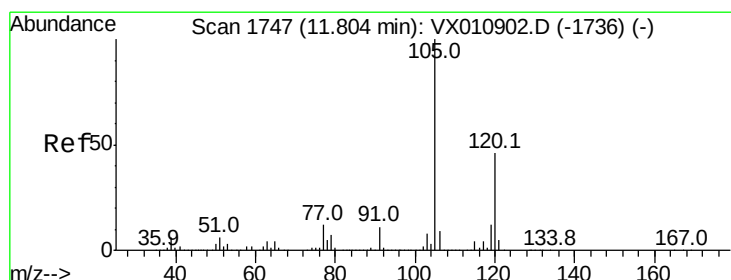
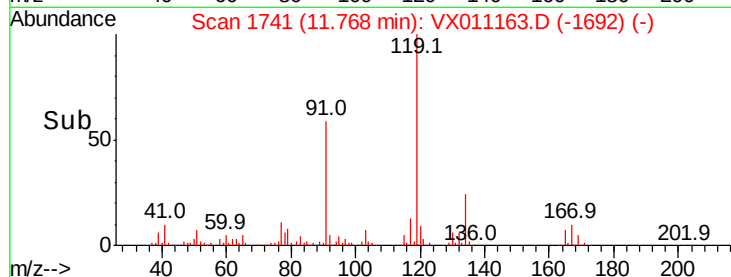
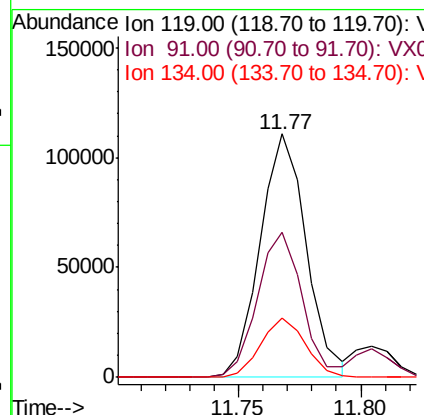
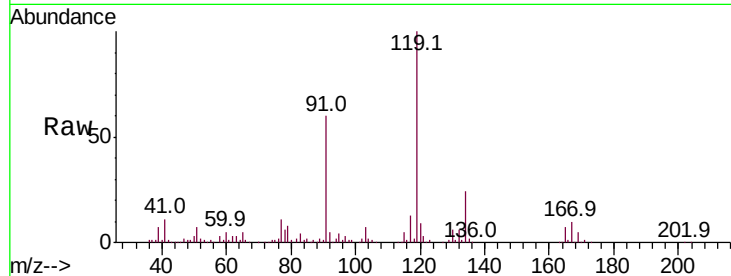
#83
tert-Butylbenzene
Concen: 19.829 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX011163.D
Acq: 29 Jul 2019 23:12

Instrument :
MSVOA_X
ClientSampleId :
VX0729WBS02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	146220		
91	58.0		28.6	85.8
134	23.6		11.6	34.8

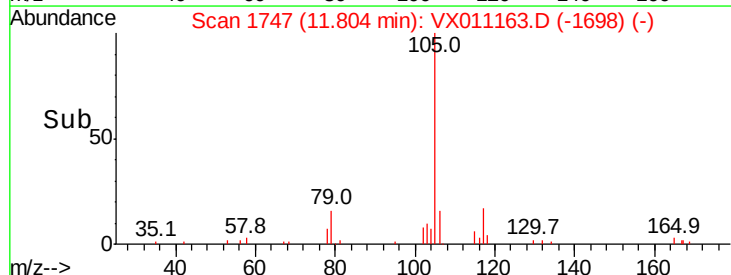
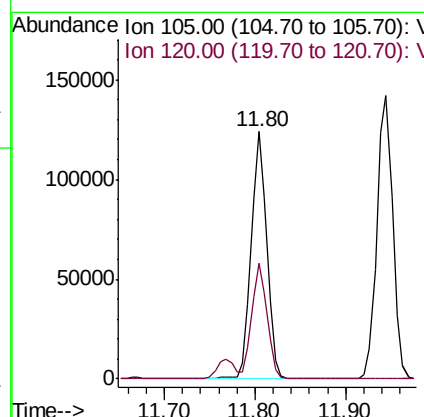
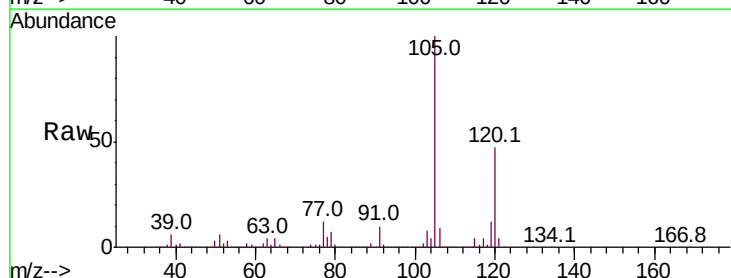
Manual Integrations
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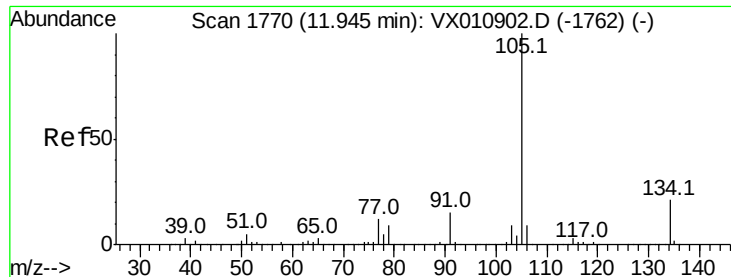
MMDadoda
7/30/2019 11:17:45 AM



#84
1,2,4-Trimethylbenzene
Concen: 19.633 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX011163.D
Acq: 29 Jul 2019 23:12

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	148556		
120	45.2		22.9	68.5





#85

sec-Butylbenzene

Concen: 19.895 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX011163.D

Acq: 29 Jul 2019 23:12

Instrument :

MSVOA_X

ClientSampled :

VX0729WBS02

Tot Ion:105 Resp: 171905

Ion Ratio Lower Upper

105 100

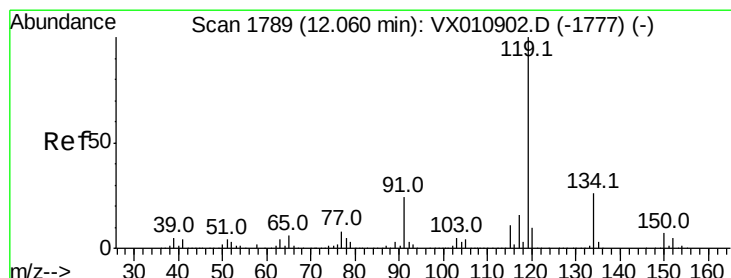
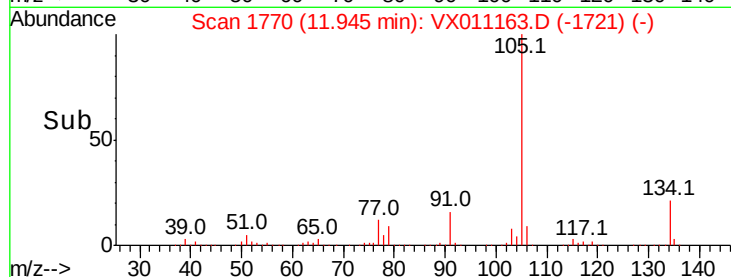
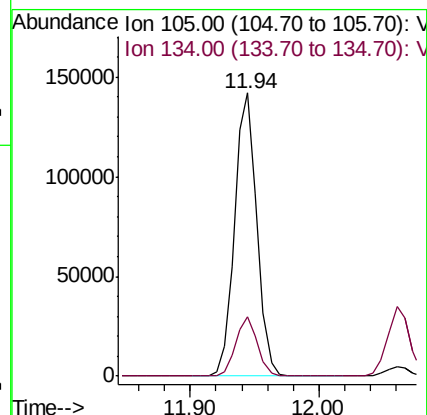
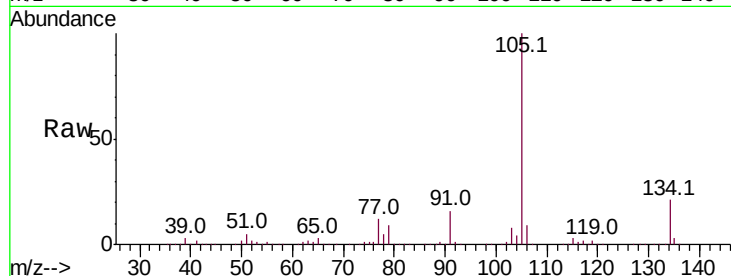
134 20.5 10.4 31.4

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 19.721 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX011163.D

Acq: 29 Jul 2019 23:12

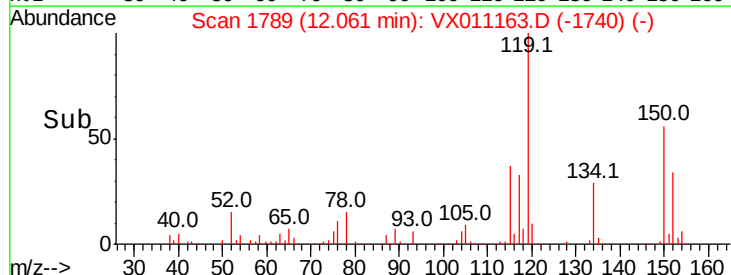
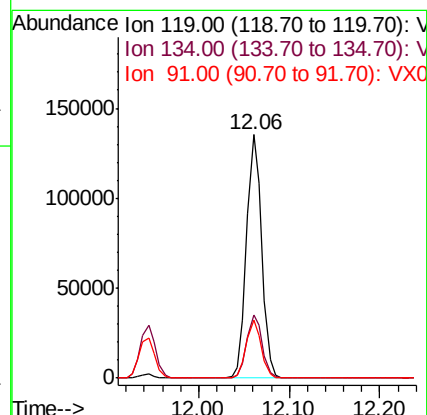
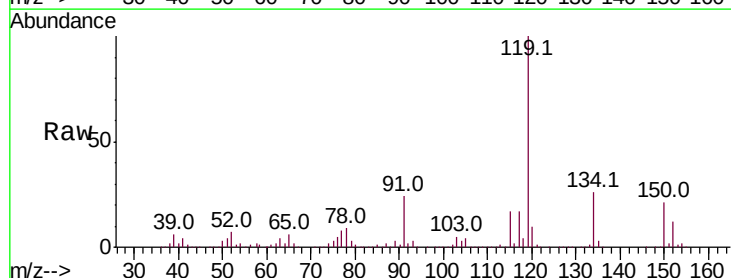
Tgt Ion:119 Resp: 157535

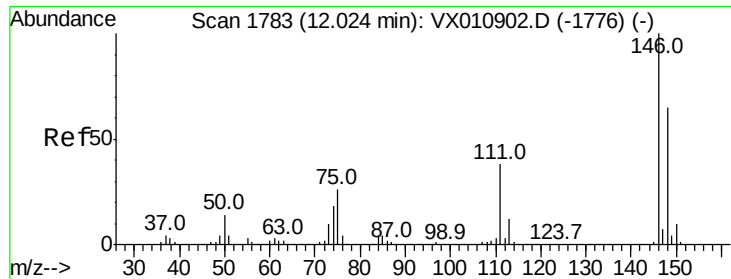
Ion Ratio Lower Upper

119 100

134 26.3 13.4 40.1

91 23.6 11.8 35.4





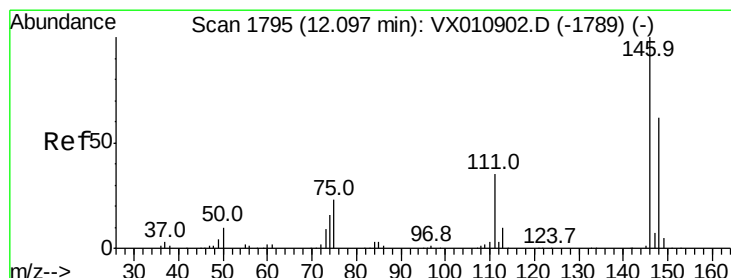
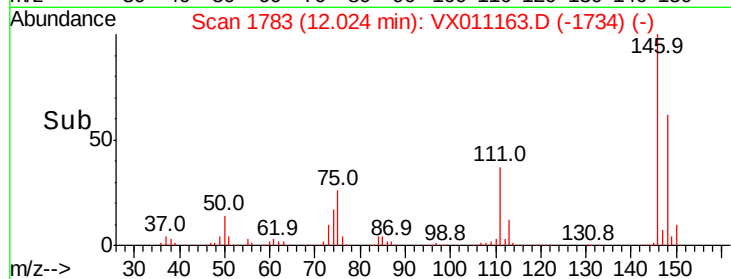
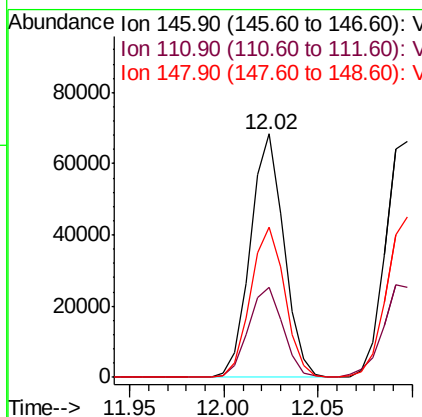
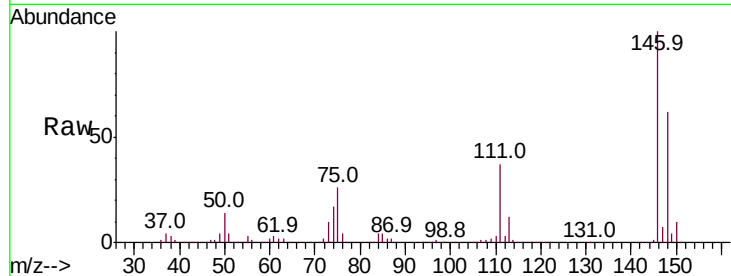
#87
 1,3-Dichlorobenzene
 Concen: 19.630 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX011163.D
 Acq: 29 Jul 2019 23:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0729WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	18.9	56.9
148	63.3	32.2	96.6

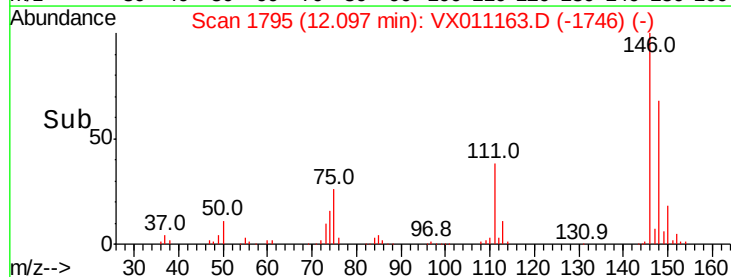
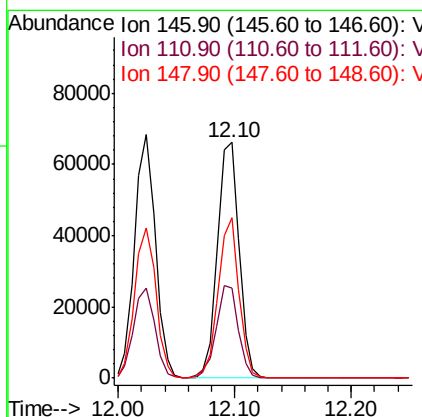
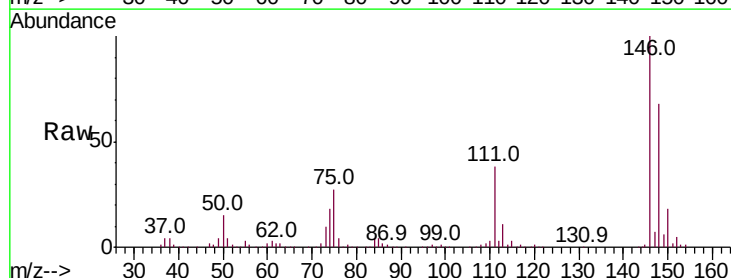
Manual Integrations
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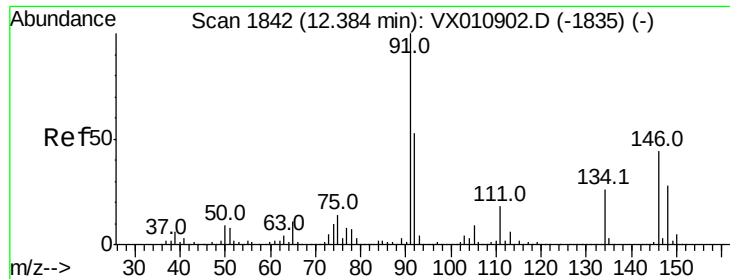
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 7/30/2019 11:17:45 AM



#88
 1,4-Dichlorobenzene
 Concen: 19.227 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX011163.D
 Acq: 29 Jul 2019 23:12

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.1	18.6	55.8
148	64.5	31.6	94.7





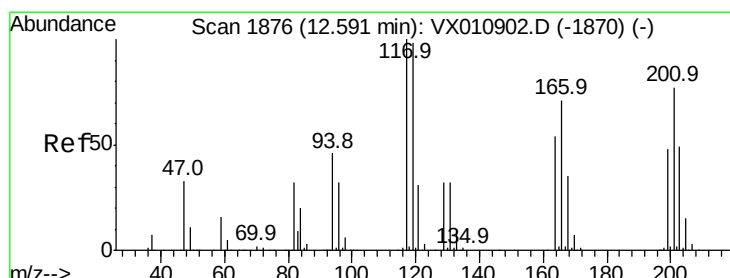
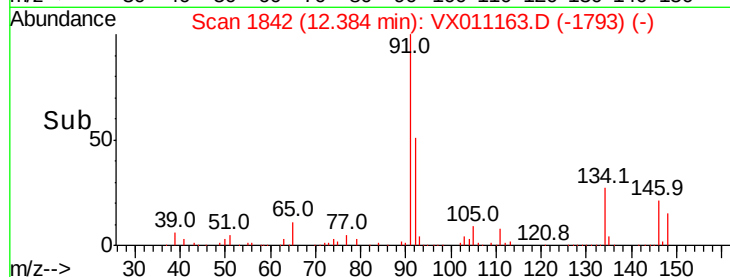
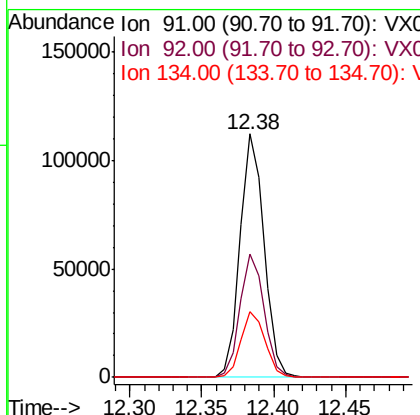
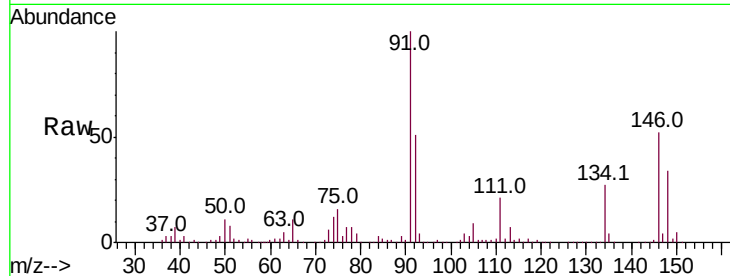
#89
n-Butylbenzene
Concen: 19.095 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX011163.D
Acq: 29 Jul 2019 23:12

Instrument :
MSVOA_X
ClientSampleId :
VX0729WBS02

Tot Ion	Ratio	Lower	Upper
91	100		
92	50.8	26.2	78.5
134	27.2	13.8	41.3

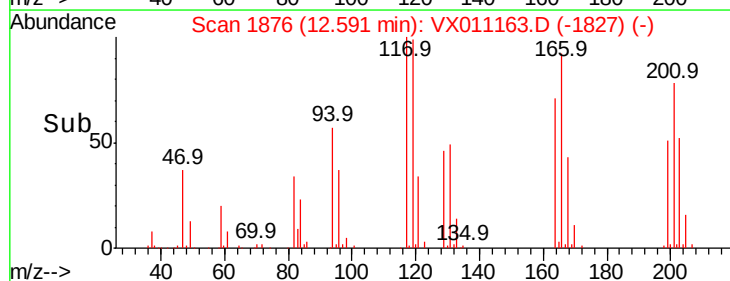
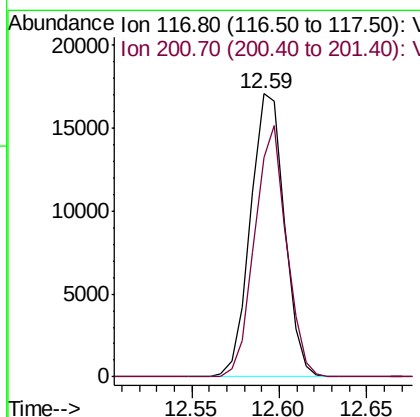
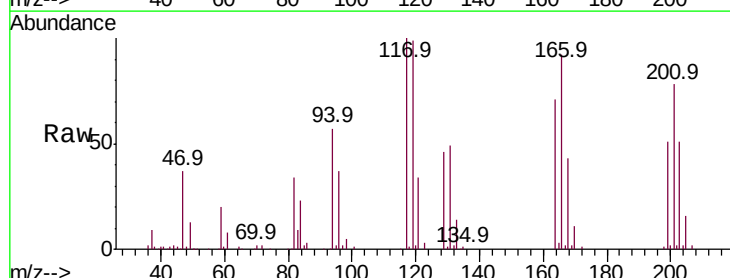
Manual Integrations
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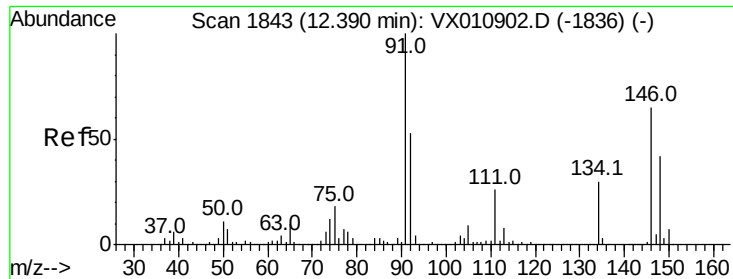
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#90
Hexachloroethane
Concen: 18.318 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. 0.00 min
Lab File: VX011163.D
Acq: 29 Jul 2019 23:12

Tgt Ion	Ratio	Lower	Upper
117	100		
201	83.1	43.3	129.8





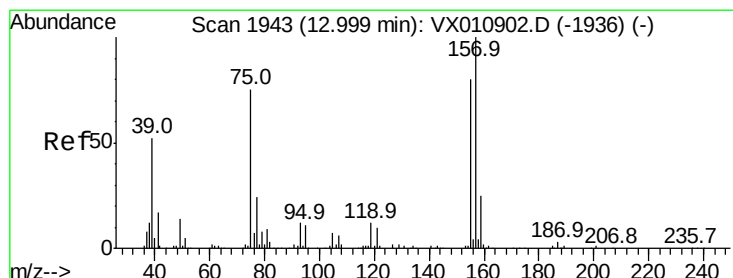
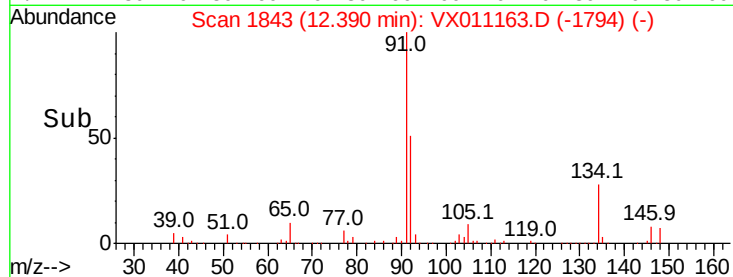
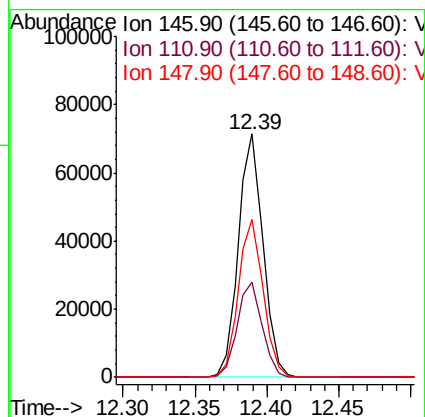
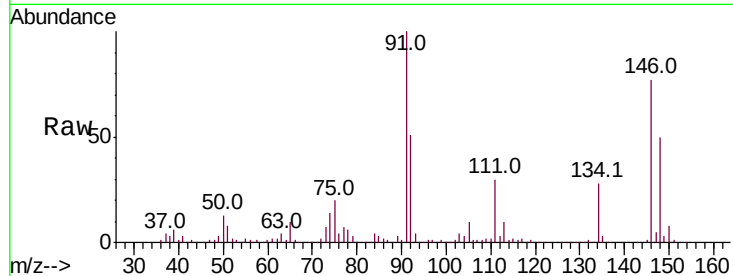
#91
 1,2-Dichlorobenzene
 Concen: 20.162 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX011163.D
 Acq: 29 Jul 2019 23:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0729WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.9	59.7
148	65.1	32.0	96.2

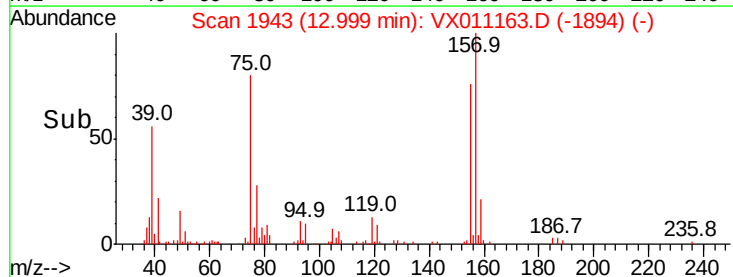
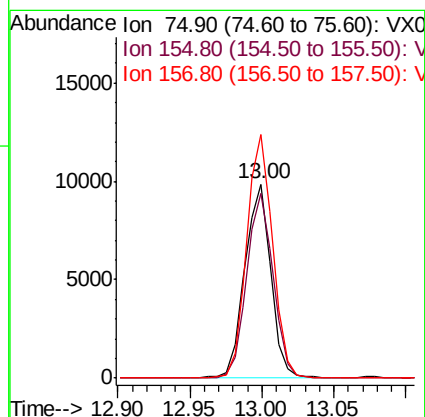
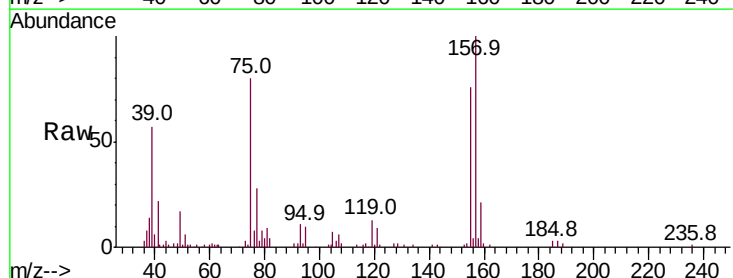
Manual Integrations
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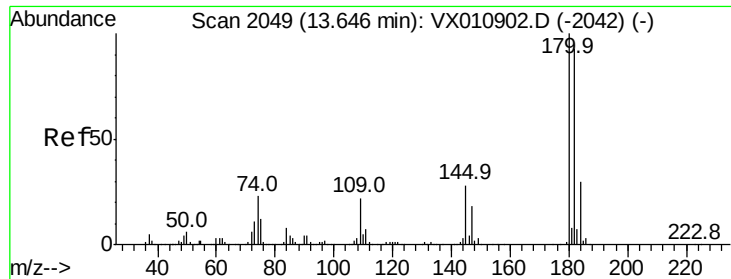
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.095 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX011163.D
 Acq: 29 Jul 2019 23:12

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.0	48.7	146.1
157	123.7	62.5	187.6





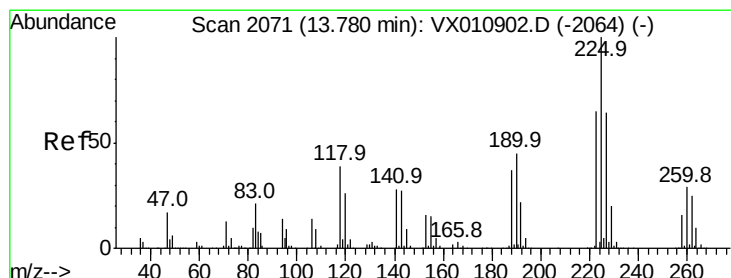
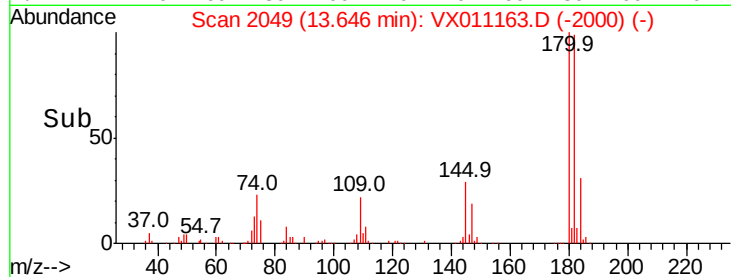
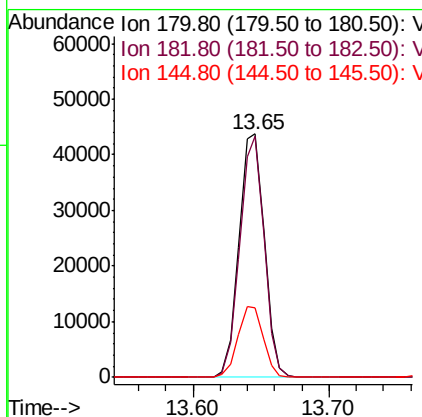
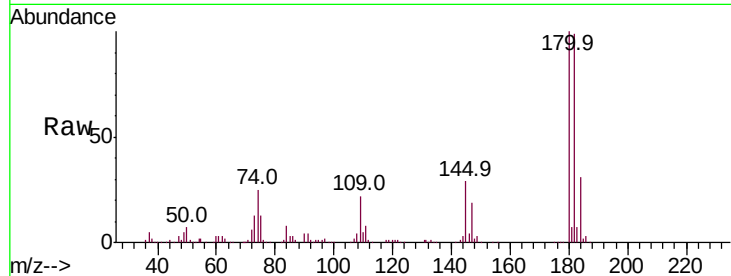
#93
 1,2,4-Trichlorobenzene
 Concen: 19.619 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX011163.D
 Acq: 29 Jul 2019 23:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0729WBS02

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.1	141.3
145	29.3	14.8	44.4

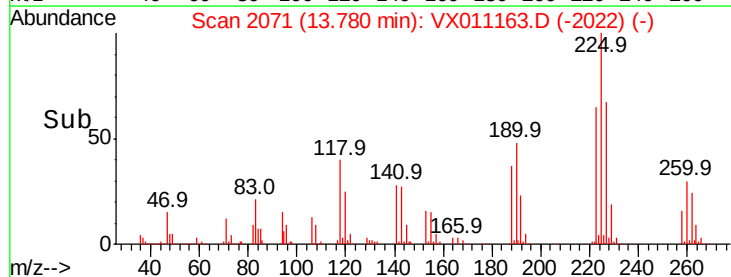
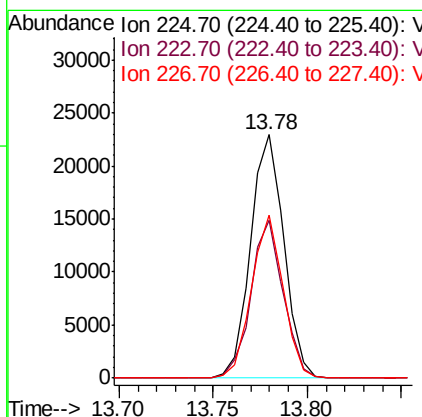
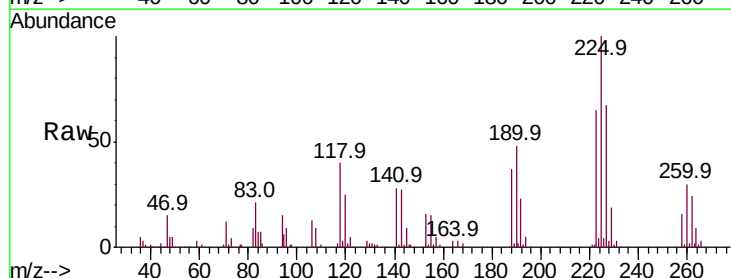
Manual Integrations
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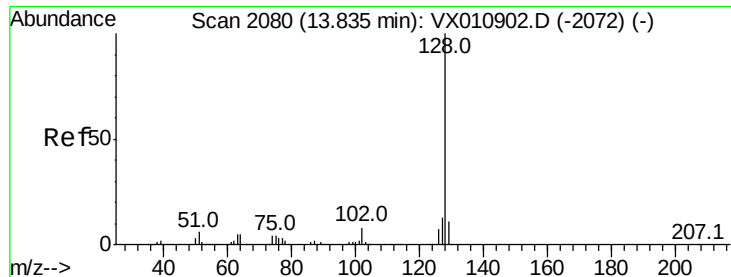
MMDadoda
 7/30/2019 11:17:45 AM



#94
 Hexachlorobutadiene
 Concen: 19.640 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX011163.D
 Acq: 29 Jul 2019 23:12

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	31.9	95.9
227	63.5	32.5	97.4





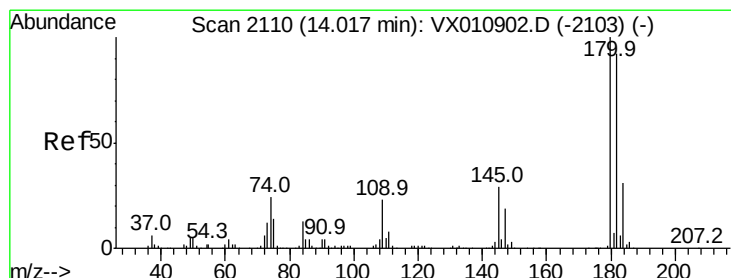
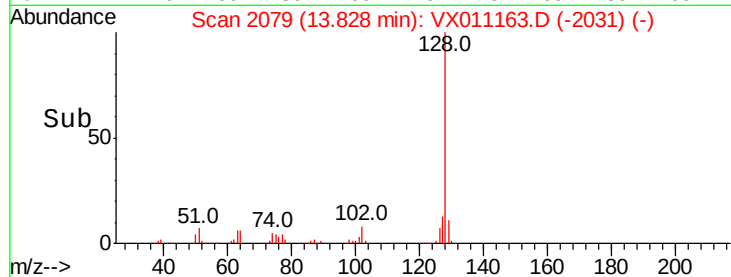
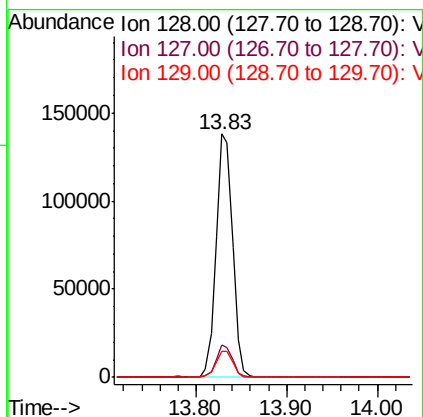
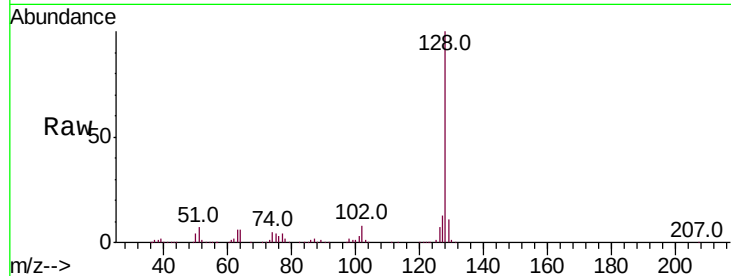
#95
Naphthalene
Concen: 20.720 ug/l
RT: 13.83 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX011163.D
Acq: 29 Jul 2019 23:12

Instrument :
MSVOA_X
ClientSampleId :
VX0729WBS02

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	11.2	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
7/30/2019 11:17:45 AM



#96
1,2,3-Trichlorobenzene
Concen: 20.694 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX011163.D
Acq: 29 Jul 2019 23:12

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	47.4	142.3
145	30.5	15.1	45.3

