

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072619\
 Data File : VX011111.D
 Acq On : 27 Jul 2019 00:23
 Operator : JC/SP
 Sample : VX0726WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0726WBSD02

Manual Integrations
 APPROVED

MMDadoda
 7/29/2019 11:53:04 AM

Quant Time: Jul 27 04:19:08 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	186872	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	284665	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	260189	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	135256	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	106317	53.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.96%	
35) Dibromofluoromethane	5.50	113	94678	52.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.80%	
50) Toluene-d8	8.71	98	348935	51.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.98%	
62) 4-Bromofluorobenzene	11.13	95	128561	51.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.22%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.20	85	35290	18.063	ug/l	98
3) Chloromethane	1.33	50	31830	18.522	ug/l	99
4) Vinyl Chloride	1.41	62	33945	19.366	ug/l	100
5) Bromomethane	1.64	94	20922	21.181	ug/l	97
6) Chloroethane	1.72	64	21990	19.741	ug/l	97
7) Trichlorofluoromethane	1.93	101	58488	19.712	ug/l	97
8) Diethyl Ether	2.19	74	20476	20.029	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	31591	18.647	ug/l	98
10) Methyl Iodide	2.51	142	36648	16.484	ug/l	100
11) Tert butyl alcohol	3.04	59	47922	103.504	ug/l	99
12) 1,1-Dichloroethene	2.37	96	32772	19.689	ug/l	97
13) Acrolein	2.29	56	17006	63.573	ug/l	99
14) Allyl chloride	2.73	41	45532	18.832	ug/l	99
15) Acrylonitrile	3.14	53	93942	100.412	ug/l	98
16) Acetone	2.44	43	80450	89.599	ug/l	97
17) Carbon Disulfide	2.57	76	69767	16.340	ug/l	99
18) Methyl Acetate	2.78	43	46308	22.650	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	108661	20.279	ug/l	98
20) Methylene Chloride	2.85	84	36441	19.151	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	33396	18.909	ug/l	96
22) Diisopropyl ether	3.85	45	102708	20.142	ug/l	98
23) Vinyl Acetate	3.81	43	417857	96.714	ug/l	99
24) 1,1-Dichloroethane	3.70	63	58622	19.795	ug/l	98
25) 2-Butanone	4.67	43	129738	100.657	ug/l	99
26) 2,2-Dichloropropane	4.59	77	34004	13.984	ug/l	96
27) cis-1,2-Dichloroethene	4.59	96	39832	19.487	ug/l	96
28) Bromochloromethane	5.01	49	25417	18.213	ug/l	98
29) Tetrahydrofuran	5.13	42	82507	101.056	ug/l	99
30) Chloroform	5.21	83	62696	19.587	ug/l	99
31) Cyclohexane	5.58	56	49106	18.192	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	53895	19.461	ug/l	99
36) 1,1-Dichloropropene	5.80	75	42751	18.283	ug/l	99
37) Ethyl Acetate	4.84	43	47623	19.890	ug/l	96
38) Carbon Tetrachloride	5.79	117	45897	18.837	ug/l	98

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	51720	17.056	ug/l	95
40) Benzene	6.14	78	138364	19.318	ug/l	97
41) Methacrylonitrile	5.04	41	25094	18.462	ug/l	98
42) 1,2-Dichloroethane	6.19	62	48915	19.641	ug/l	99
43) Isopropyl Acetate	6.44	43	76610	19.459	ug/l	99
44) Trichloroethene	7.21	130	39724	18.736	ug/l	94
45) 1,2-Dichloropropane	7.51	63	35289	19.357	ug/l	96
46) Dibromomethane	7.66	93	25521	19.591	ug/l	99
47) Bromodichloromethane	7.90	83	45170	19.479	ug/l	96
48) Methyl methacrylate	7.77	41	37608	19.609	ug/l	98
49) 1,4-Dioxane	7.74	88	21739	405.214	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	259112	101.529	ug/l	100
52) Toluene	8.78	92	88518	18.812	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	44072	17.676	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	50564	18.225	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	37812	19.517	ug/l	97
56) Ethyl methacrylate	9.18	69	55991	19.757	ug/l	99
57) 1,3-Dichloropropane	9.37	76	58590	19.063	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.31	63	135524	100.179	ug/l	99
59) 2-Hexanone	9.49	43	200551	101.317	ug/l	100
60) Dibromochloromethane	9.58	129	37434	18.468	ug/l	100
61) 1,2-Dibromoethane	9.67	107	40603	19.748	ug/l	98
64) Tetrachloroethene	9.34	164	39796	19.442	ug/l	98
65) Chlorobenzene	10.13	112	102202	19.124	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	35877	19.102	ug/l	97
67) Ethyl Benzene	10.25	91	171033	18.803	ug/l	100
68) m/p-Xylenes	10.36	106	131535	37.697	ug/l	99
69) o-Xylene	10.69	106	64700	19.000	ug/l	99
70) Styrene	10.71	104	110889	19.534	ug/l	99
71) Bromoform	10.85	173	27503	17.812	ug/l #	99
73) Isopropylbenzene	11.02	105	176185	19.278	ug/l	99
74) N-amyl acetate	10.90	43	68440	19.599	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	59305	19.829	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	49869m	20.432	ug/l	
77) Bromobenzene	11.25	156	48118	19.087	ug/l	99
78) n-propylbenzene	11.36	91	191847	18.998	ug/l	99
79) 2-Chlorotoluene	11.42	91	116152	19.148	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	145432	19.044	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	13487	16.865	ug/l	93
82) 4-Chlorotoluene	11.51	91	133556	18.916	ug/l	100
83) tert-Butylbenzene	11.77	119	144680	19.288	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	148106	19.242	ug/l	100
85) sec-Butylbenzene	11.94	105	169796	19.318	ug/l	100
86) p-Isopropyltoluene	12.06	119	157041	19.326	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	83998	19.200	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	84307	18.790	ug/l	98
89) n-Butylbenzene	12.38	91	127688	18.368	ug/l	99
90) Hexachloroethane	12.59	117	23201	18.102	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	85879	19.807	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	12986	20.771	ug/l	94

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ClientSampleId :
VX0726WBSD02

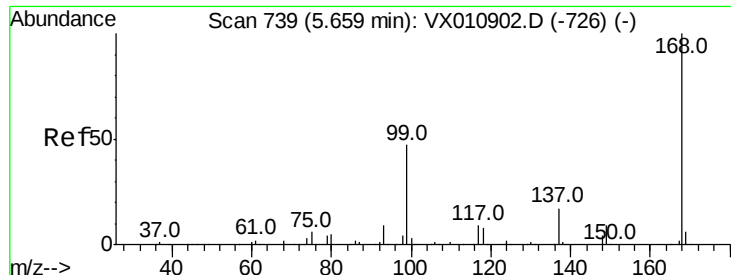
Manual Integrations
APPROVED

MMDadoda
7/29/2019 11:53:04 AM

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	57012	19.402	ug/l	99
94) Hexachlorobutadiene	13.78	225	27416	18.828	ug/l	99
95) Naphthalene	13.83	128	178595	20.583	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	58427	19.984	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX011111.D

Acq: 27 Jul 2019 00:23

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBSD02

Tot Ion:168 Resp: 186872

Ion Ratio Lower Upper

168 100

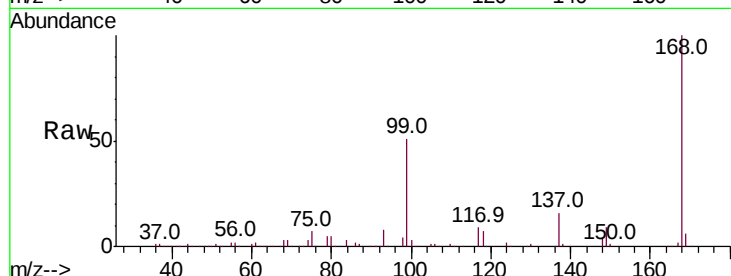
99 51.1 37.6 56.4

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

5.66

60000

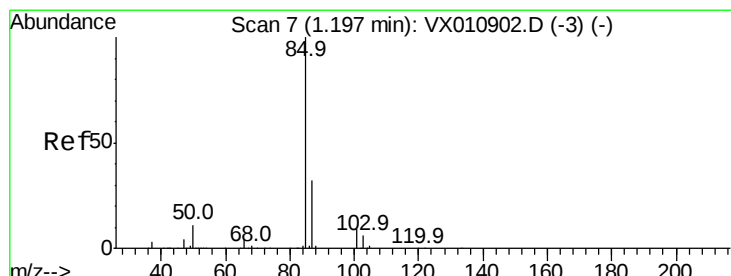
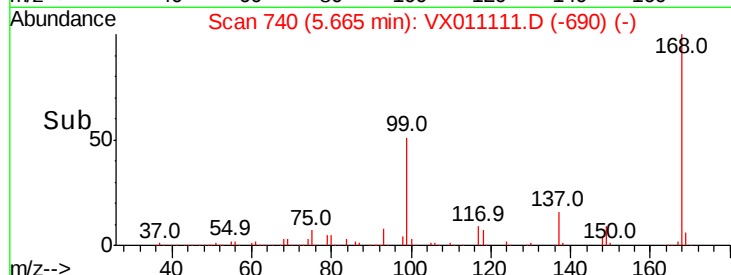
40000

20000

0

5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 18.063 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX011111.D

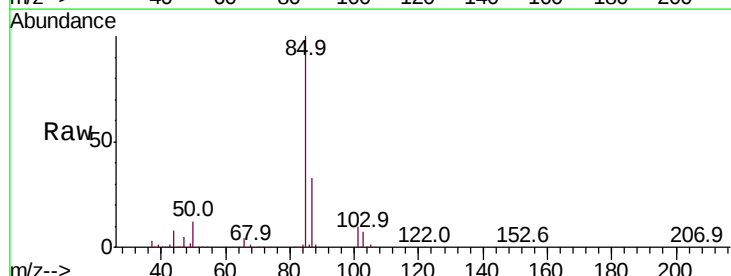
Acq: 27 Jul 2019 00:23

Tgt Ion: 85 Resp: 35290

Ion Ratio Lower Upper

85 100

87 33.0 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

40000

30000

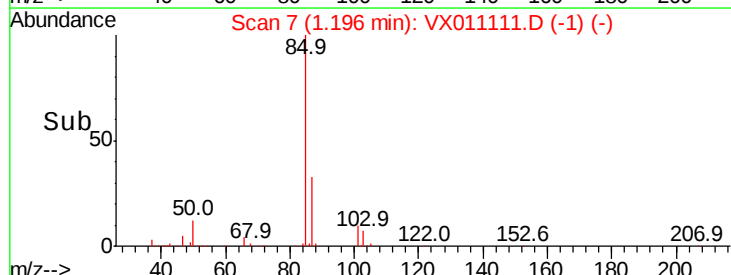
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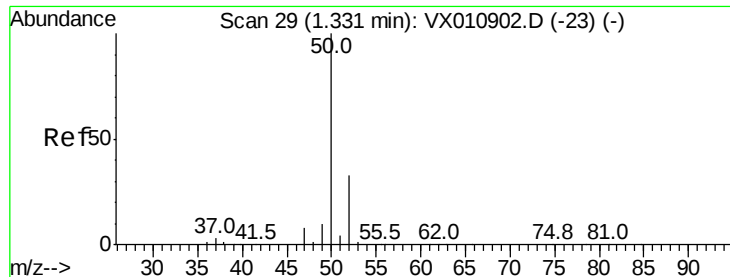
10000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 18.522 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX011111.D

Acq: 27 Jul 2019 00:23

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBSD02

Tot Ion: 50 Resp: 31830

Ion Ratio Lower Upper

50 100

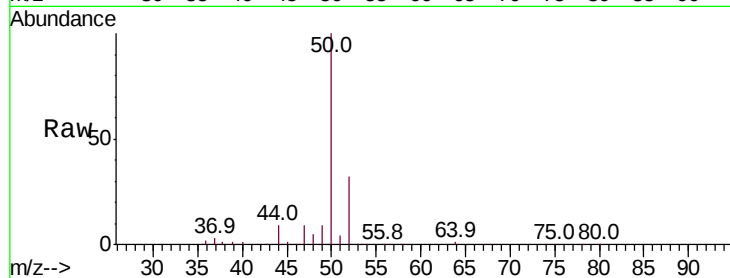
52 32.4 26.4 39.6

Manual Integrations

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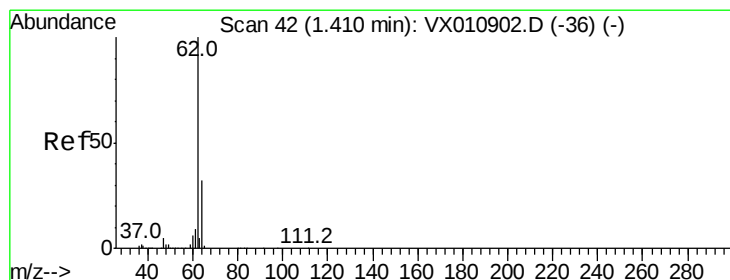
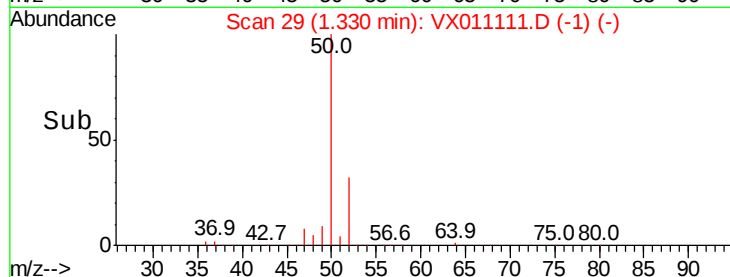
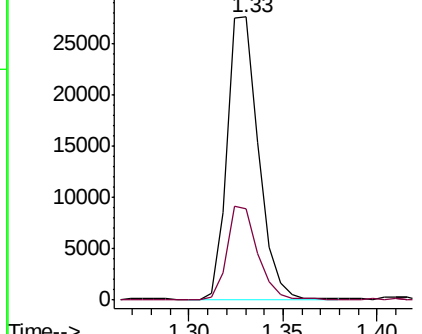
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 19.366 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX011111.D

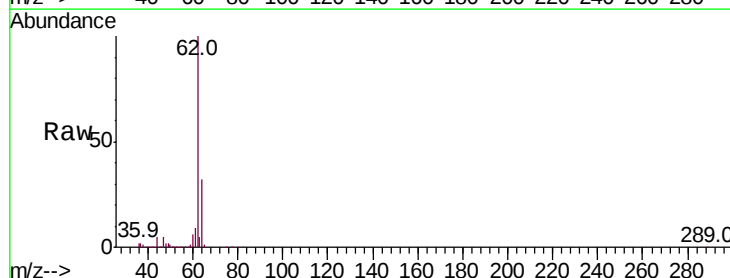
Acq: 27 Jul 2019 00:23

Tgt Ion: 62 Resp: 33945

Ion Ratio Lower Upper

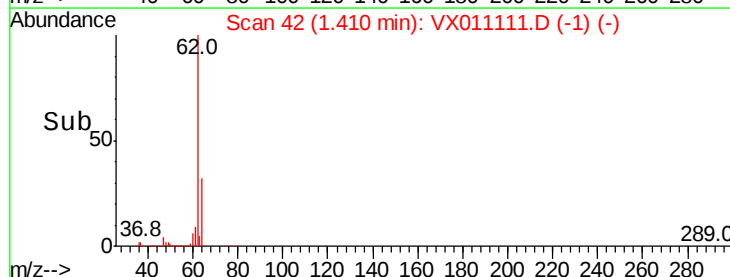
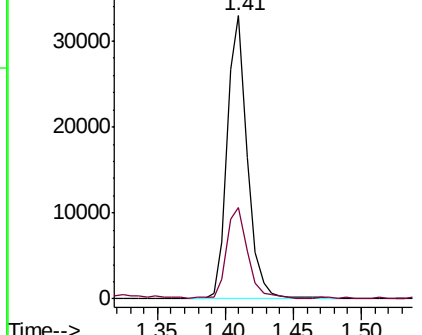
62 100

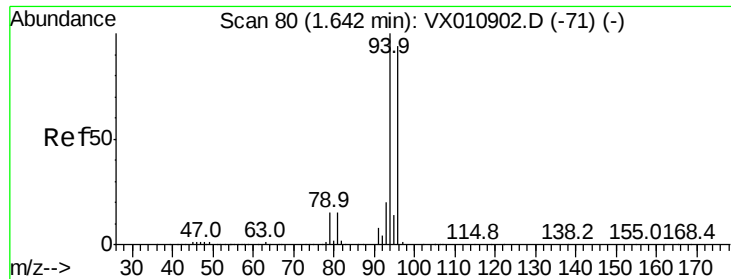
64 32.0 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 21.181 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX011111.D

Acq: 27 Jul 2019 00:23

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBSD02

Tot Ion: 94 Resp: 20922

Ion Ratio Lower Upper

94 100

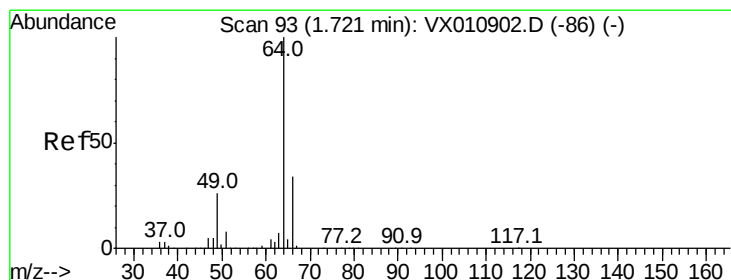
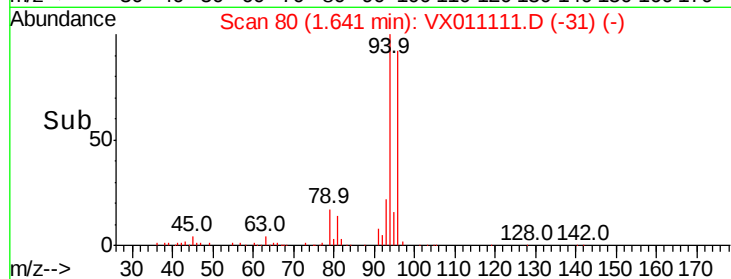
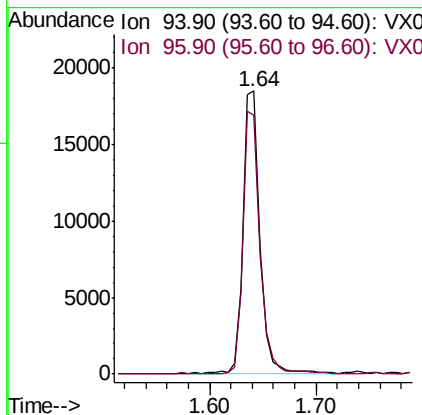
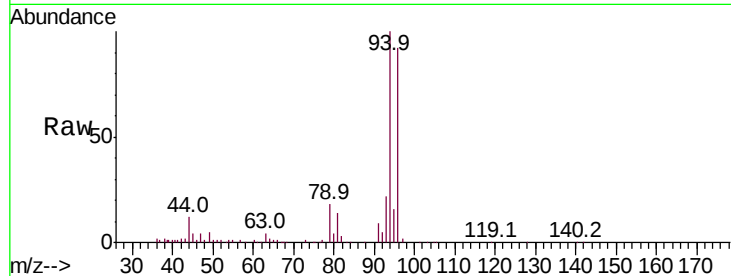
96 91.3 75.6 113.4

Manual Integrations

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#6

Chloroethane

Concen: 19.741 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX011111.D

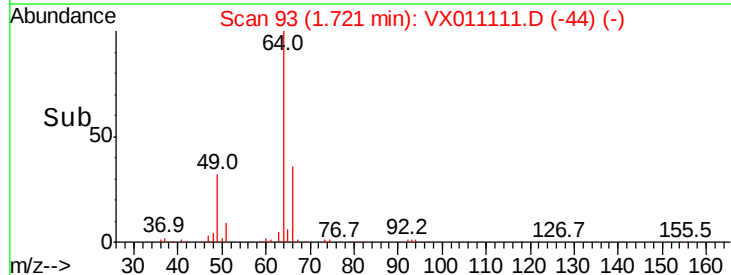
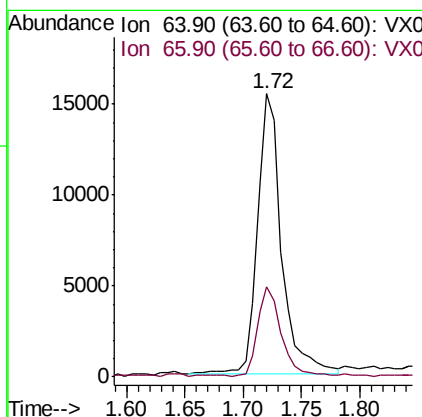
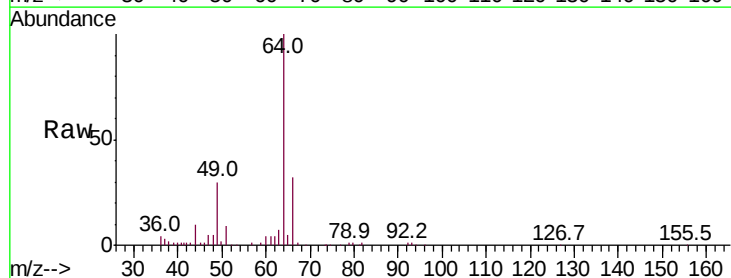
Acq: 27 Jul 2019 00:23

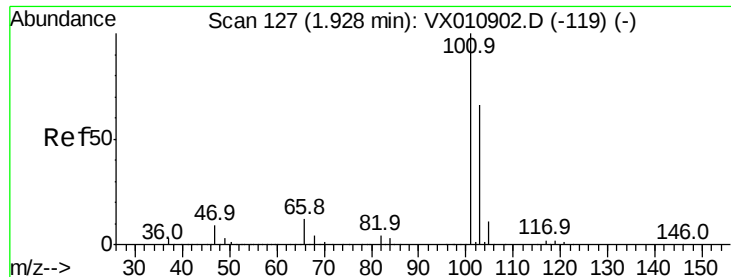
Tgt Ion: 64 Resp: 21990

Ion Ratio Lower Upper

64 100

66 31.9 27.0 40.6





#7

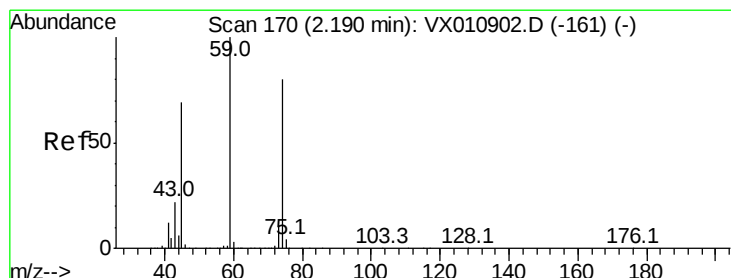
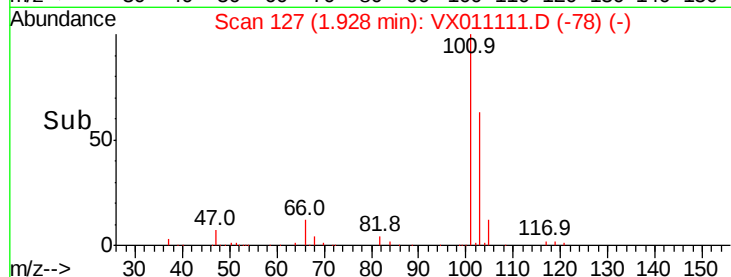
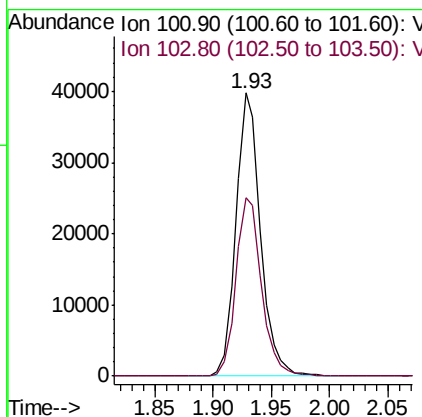
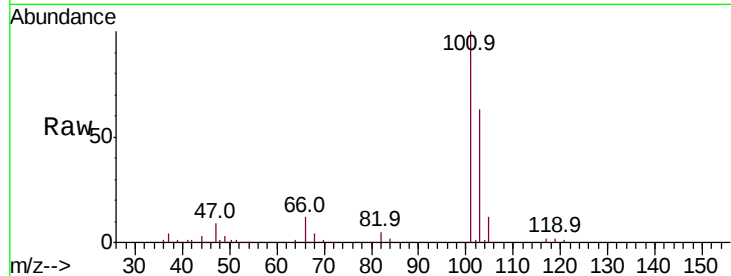
Trichlorofluoromethane
 Concen: 19.712 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. -0.00 min
 Lab File: VX011111.D
 Acq: 27 Jul 2019 00:23

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 ClientSampleId :
 VX0726WBSD02

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.2	52.6	78.8

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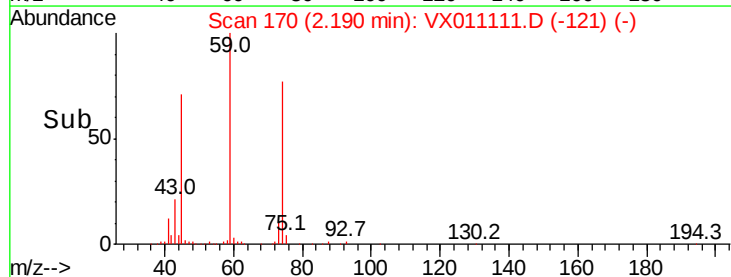
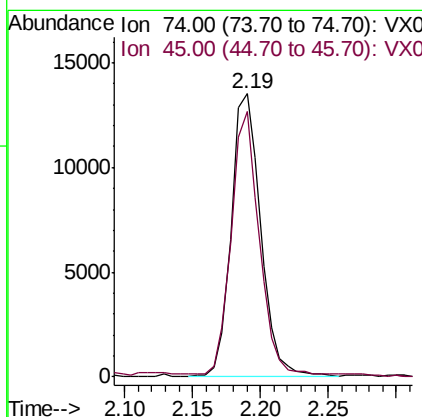
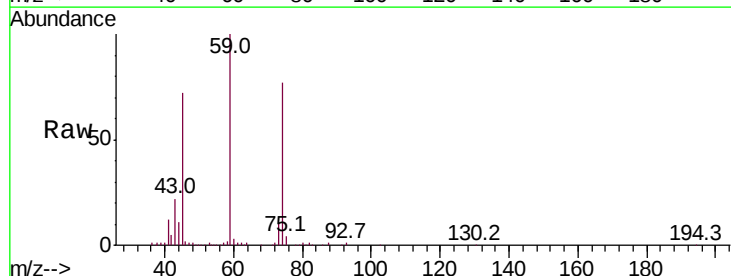
MMDadoda
 7/29/2019 11:53:04 AM

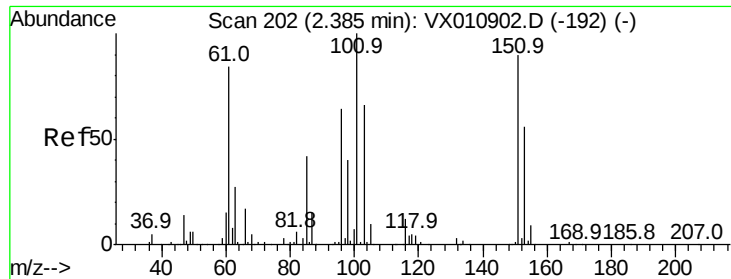


#8

Diethyl Ether
 Concen: 20.029 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX011111.D
 Acq: 27 Jul 2019 00:23

Tgt Ion	Ratio	Lower	Upper
74	100		
45	92.7	45.5	136.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.647 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX011111.D

Acq: 27 Jul 2019 00:23

Instrument :

MSVOA_X

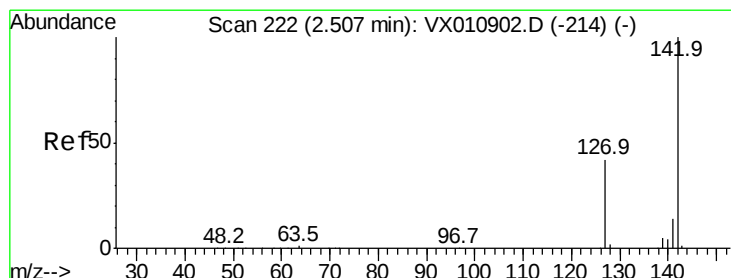
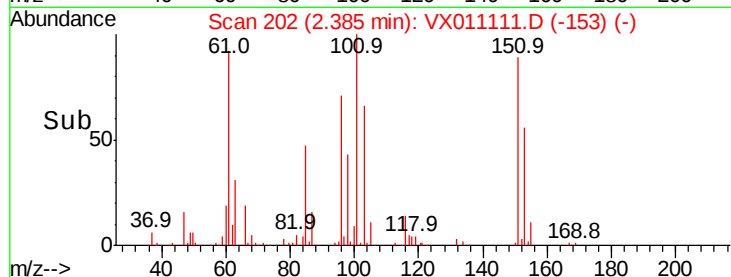
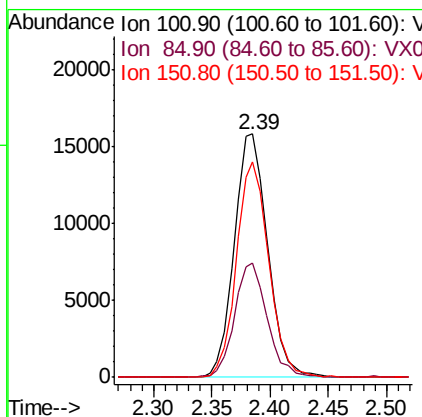
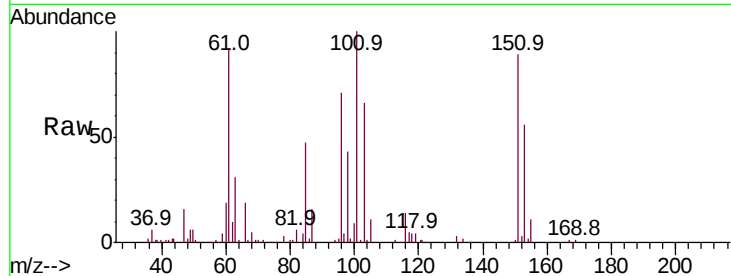
ClientSampleId :

VX0726WBSD02

Tot Ion:	101	Resp:	31591
Ion Ratio	Lower	Upper	
101	100		
85	45.8	34.6	52.0
151	85.8	69.6	104.4

Manual Integrations
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7/29/2019 11:53:04 AM



#10

Methyl Iodide

Concen: 16.484 ug/l

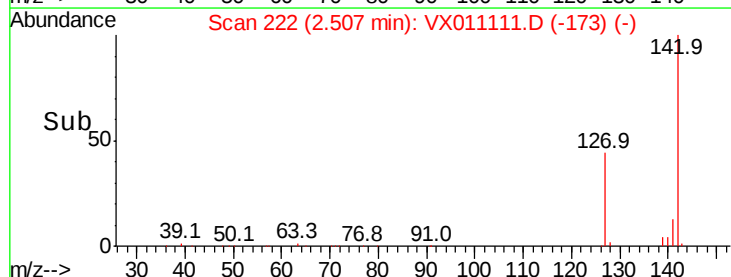
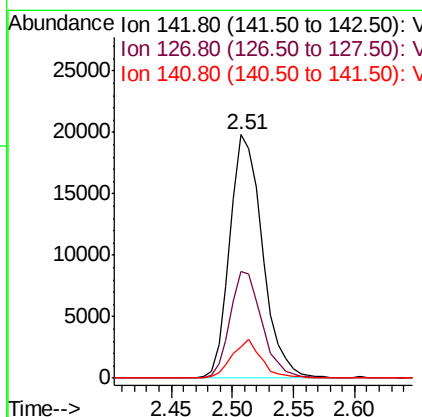
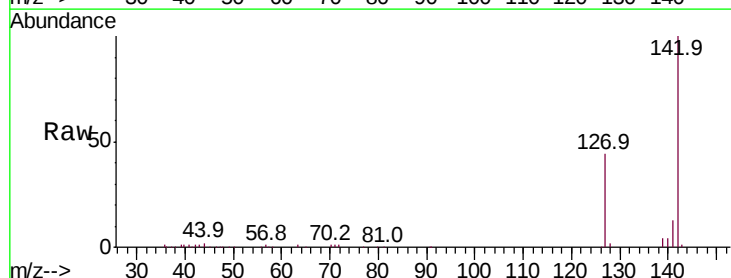
RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX011111.D

Acq: 27 Jul 2019 00:23

Tgt Ion:	142	Resp:	36648
Ion Ratio	Lower	Upper	
142	100		
127	42.6	34.2	51.4
141	14.4	11.7	17.5





#11

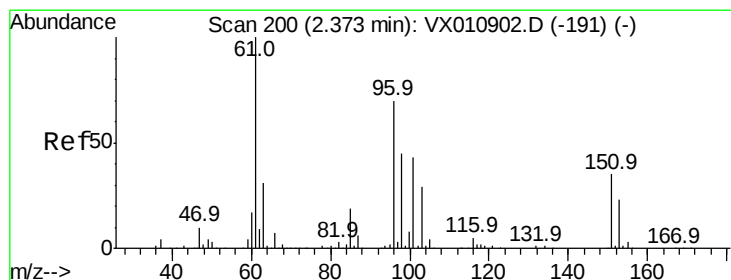
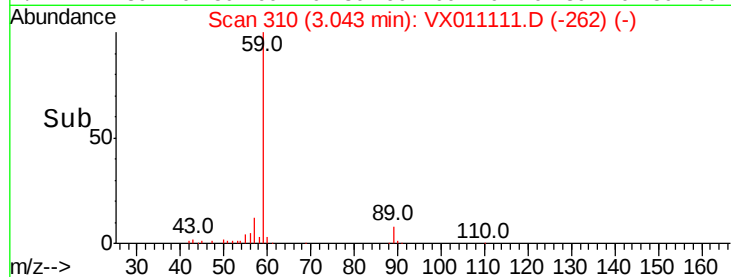
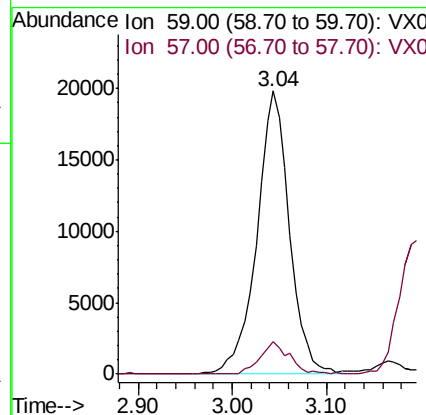
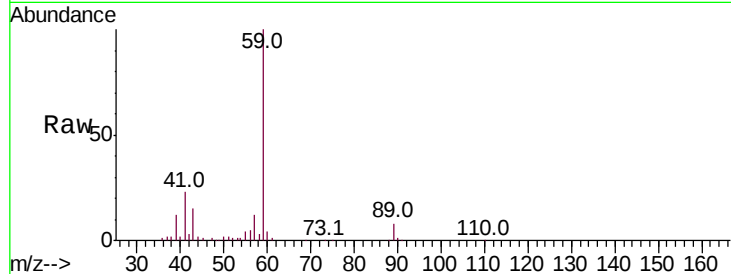
Tert butyl alcohol
 Concen: 103.504 ug/l
 RT: 3.04 min Scan# 310
 Delta R.T. -0.01 min
 Lab File: VX011111.D
 Acq: 27 Jul 2019 00:23

Instrument :
 MSVOA_X
 ClientSampled :
 VX0726WBSD02

Tot Ion: 59 Resp: 47922
 Ion Ratio Lower Upper
 59 100
 57 10.3 7.9 11.9

Manual Integrations
 APPROVED

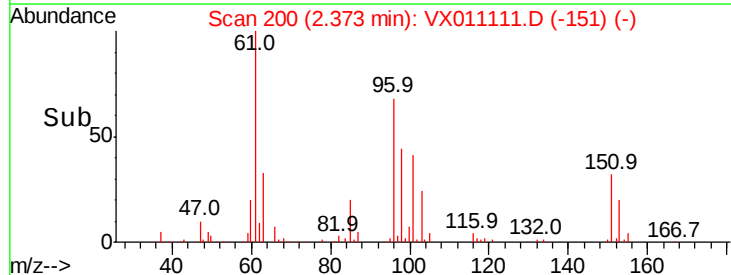
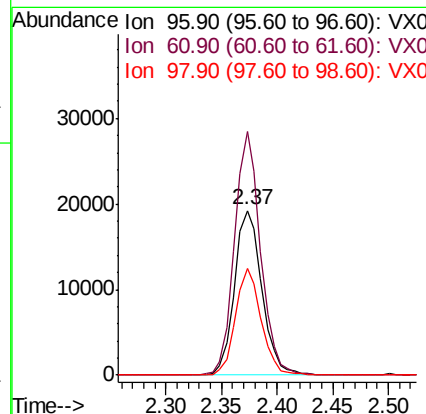
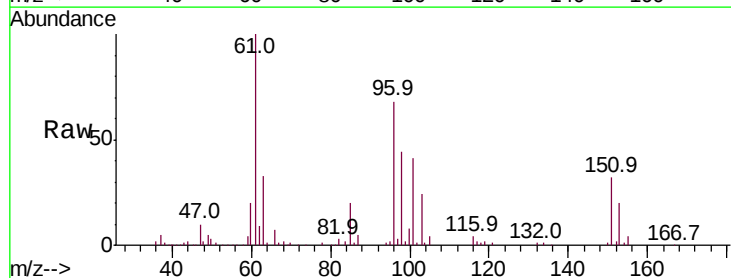
MMDadoda
 7/29/2019 11:53:04 AM

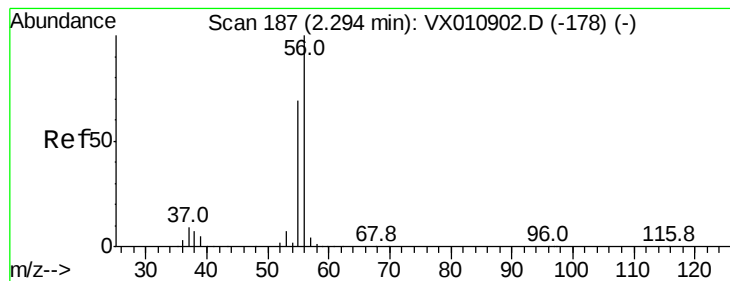


#12

1,1-Dichloroethene
 Concen: 19.689 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX011111.D
 Acq: 27 Jul 2019 00:23

Tgt Ion: 96 Resp: 32772
 Ion Ratio Lower Upper
 96 100
 61 148.0 115.0 172.4
 98 64.9 52.2 78.2





#13

Acrolein

Concen: 63.573 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX011111.D

Acq: 27 Jul 2019 00:23

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBSD02

Tot Ion: 56 Resp: 17006

Ion Ratio Lower Upper

56 100

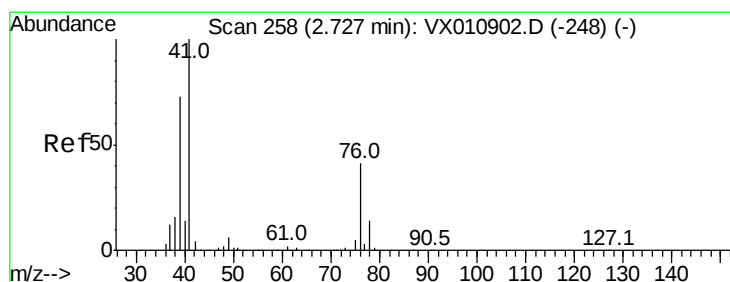
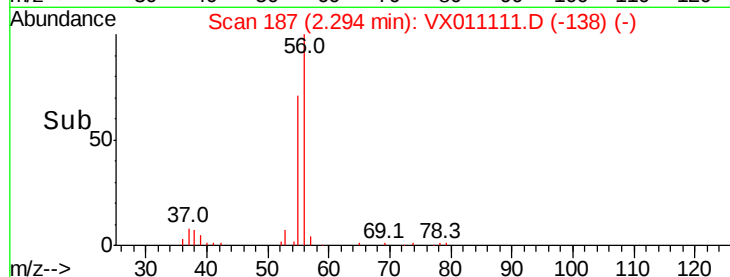
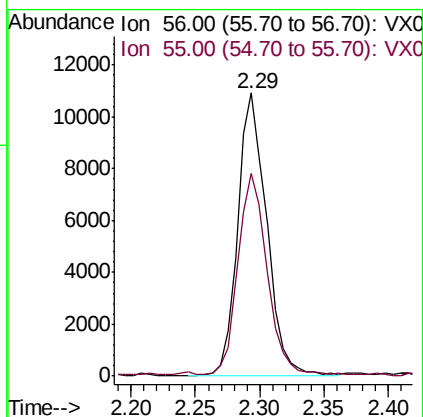
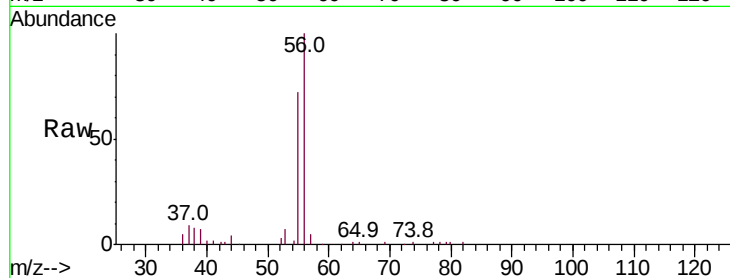
55 70.7 55.9 83.9

Manual Integrations

APPROVED

MMDadoda

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#14

Allyl chloride

Concen: 18.832 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX011111.D

Acq: 27 Jul 2019 00:23

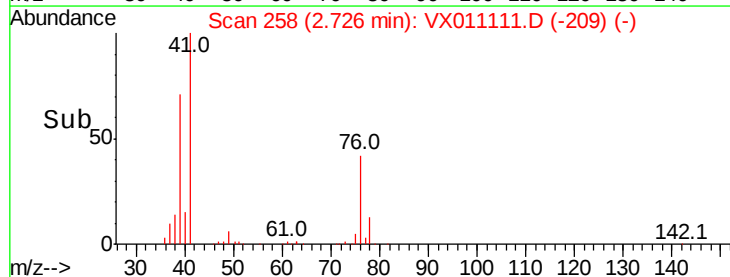
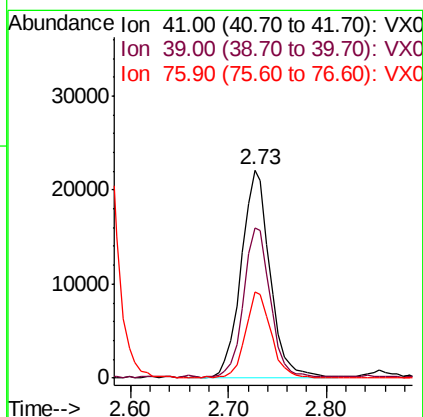
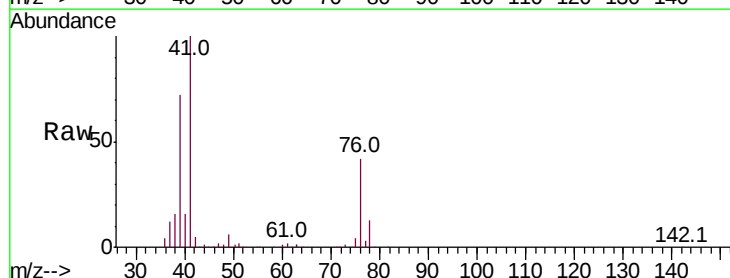
Tgt Ion: 41 Resp: 45532

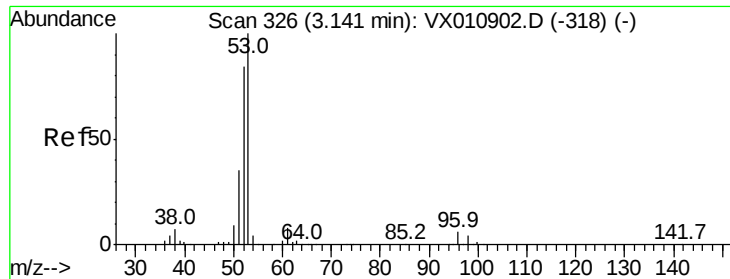
Ion Ratio Lower Upper

41 100

39 65.9 53.6 80.4

76 36.3 29.7 44.5





#15

Acrylonitrile

Concen: 100.412 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX011111.D

Acq: 27 Jul 2019 00:23

Instrument :

MSVOA_X

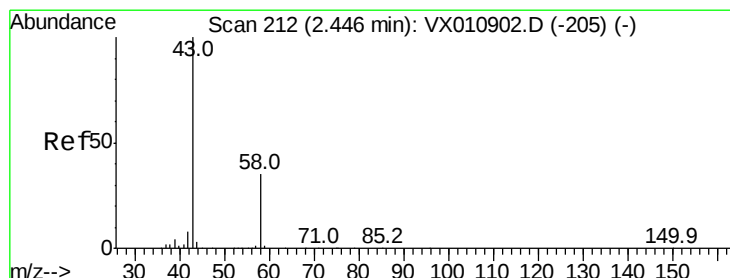
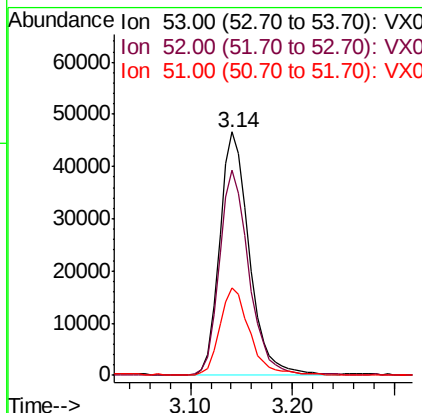
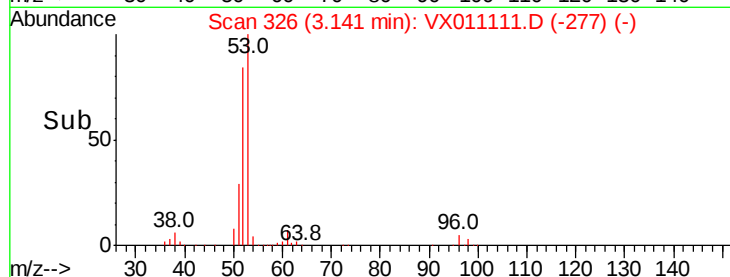
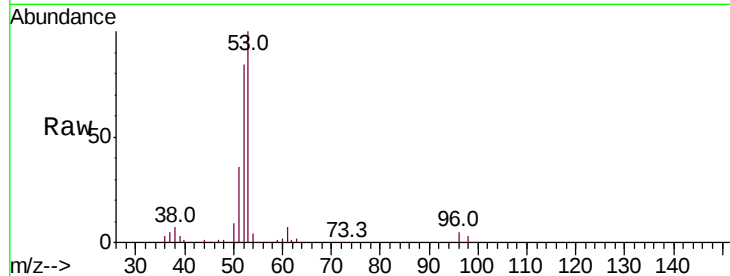
ClientSampleId :

VX0726WBSD02

Tot Ion:	53	Resp:	93942
Ion Ratio	Lower	Upper	
53	100		
52	84.7	66.5	99.7
51	37.1	28.2	42.4

Manual Integrations
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#16

Acetone

Concen: 89.599 ug/l

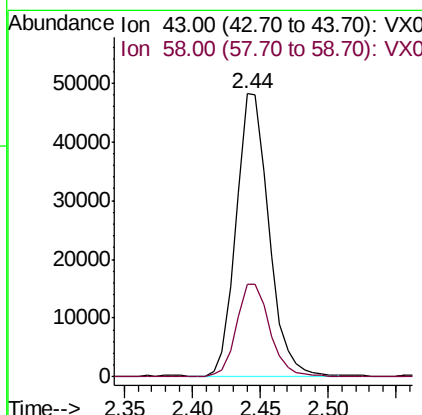
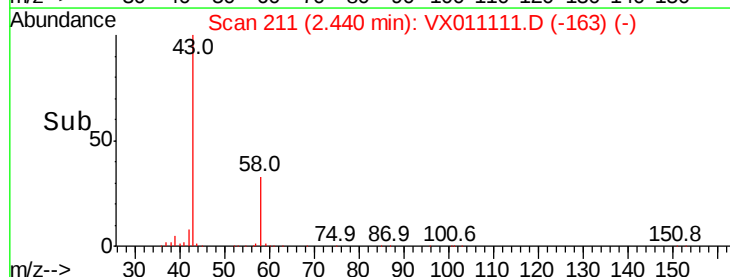
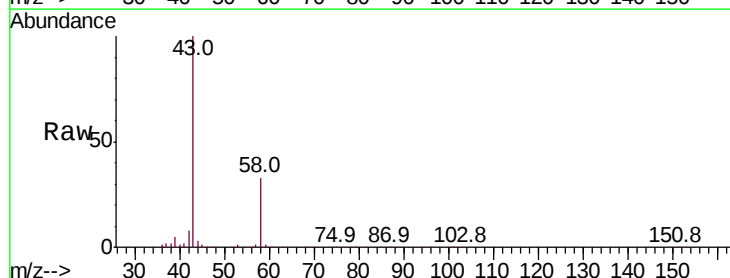
RT: 2.44 min Scan# 211

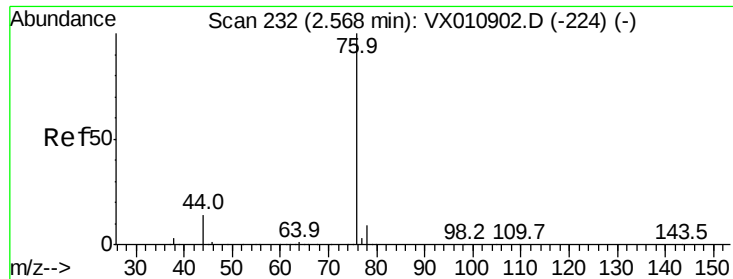
Delta R.T. -0.01 min

Lab File: VX011111.D

Acq: 27 Jul 2019 00:23

Tgt Ion:	43	Resp:	80450
Ion Ratio	Lower	Upper	
43	100		
58	32.8	27.7	41.5





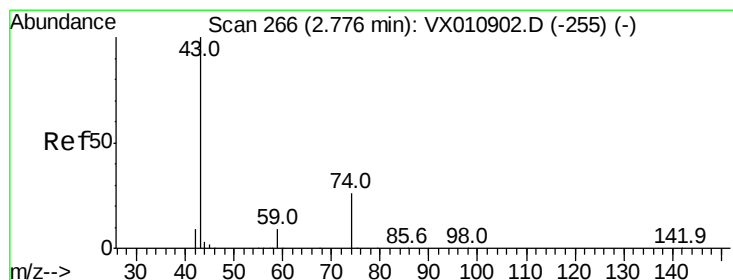
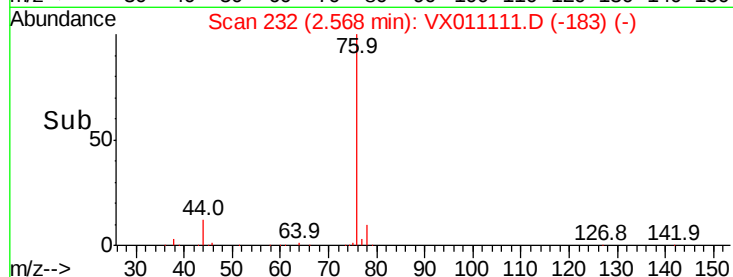
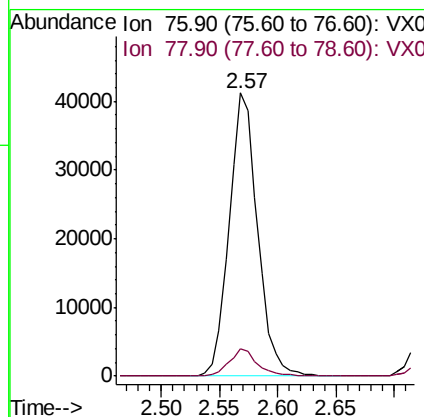
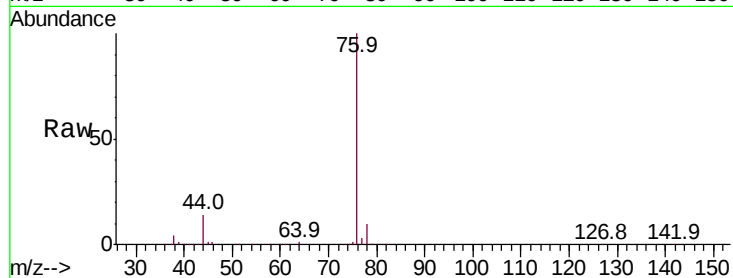
#17
Carbon Disulfide
Concen: 16.340 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX011111.D
Acq: 27 Jul 2019 00:23

Instrument :
MSVOA_X
ClientSampleId :
VX0726WBSD02

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.6	7.4	11.0

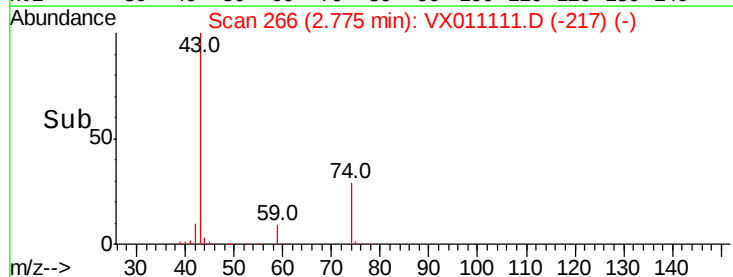
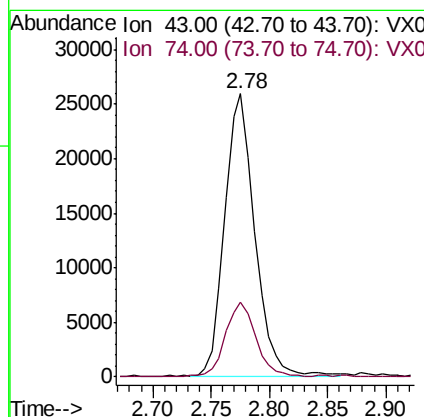
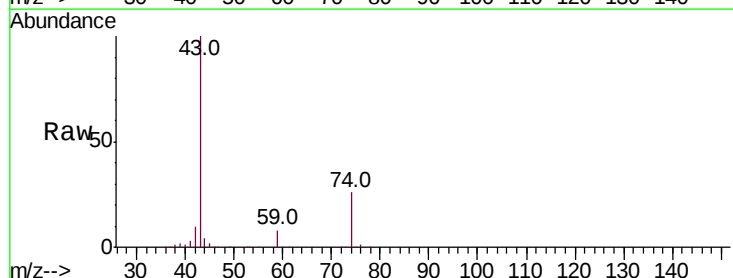
Manual Integrations
APPROVED

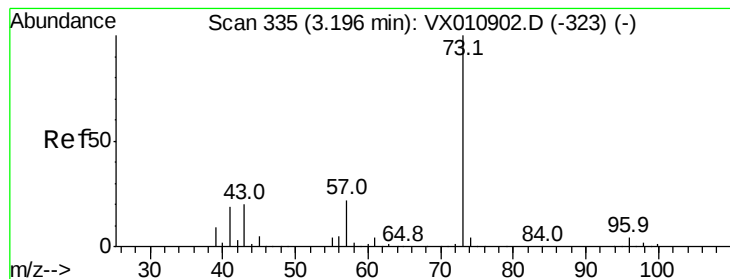
MMDadoda
7/29/2019 11:53:04 AM



#18
Methyl Acetate
Concen: 22.650 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX011111.D
Acq: 27 Jul 2019 00:23

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.0	21.5	32.3





#19

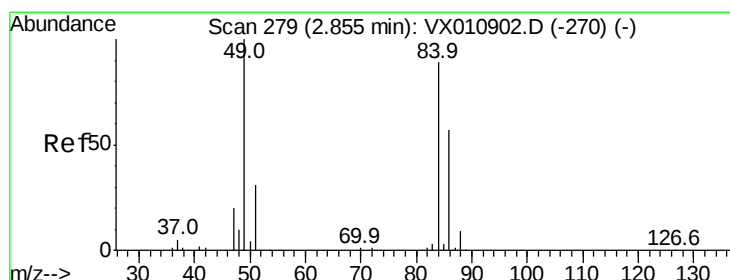
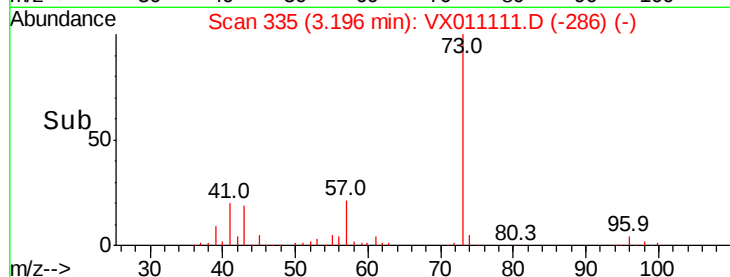
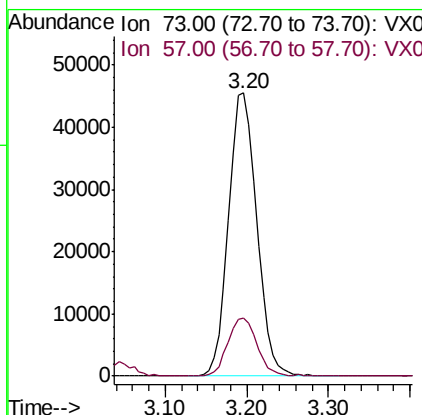
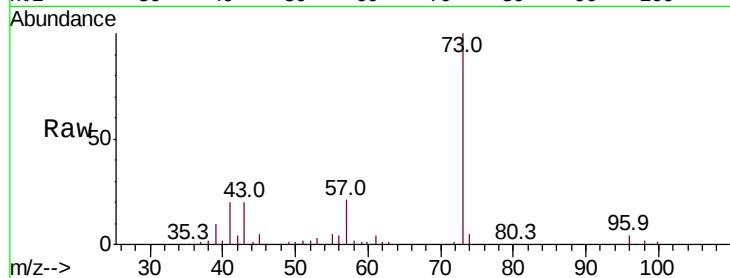
Methyl tert-butyl Ether
 Concen: 20.279 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. -0.00 min
 Lab File: VX011111.D
 Acq: 27 Jul 2019 00:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0726WBSD02

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.4	17.3	25.9

Manual Integrations
 APPROVED

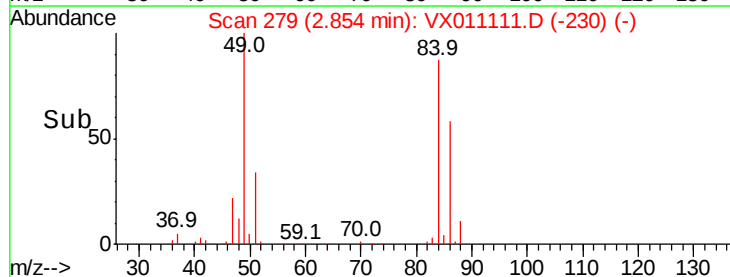
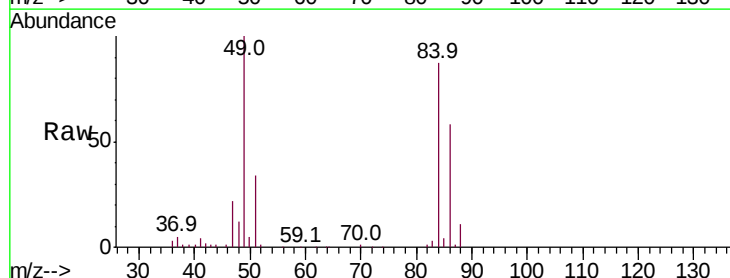
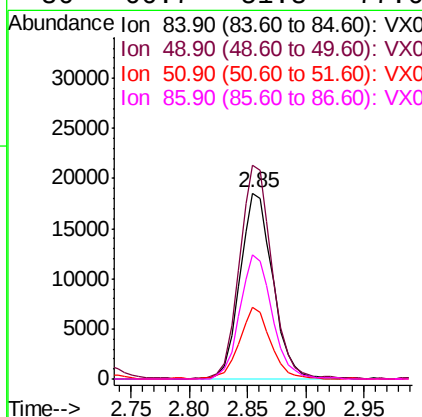
MMDadoda
 7/29/2019 11:53:04 AM

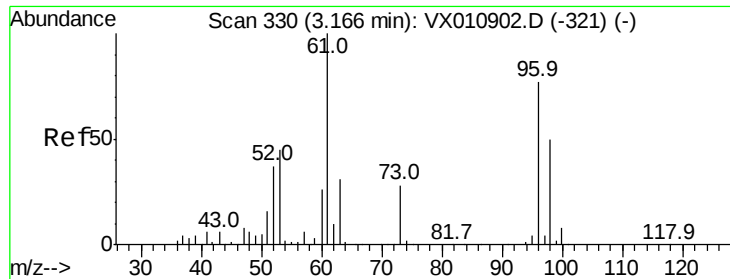


#20

Methylene Chloride
 Concen: 19.151 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.00 min
 Lab File: VX011111.D
 Acq: 27 Jul 2019 00:23

Tgt Ion	Ratio	Lower	Upper
84	100		
49	114.7	89.9	134.9
51	38.8	27.8	41.6
86	66.7	51.8	77.6





#21

trans-1,2-Dichloroethene

Concen: 18.909 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX011111.D

Acq: 27 Jul 2019 00:23

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBSD02

Tot Ion: 96 Resp: 33396

Ion Ratio Lower Upper

96 100

61 123.2 104.2 156.2

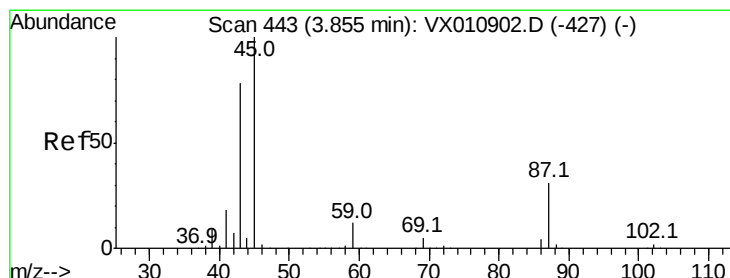
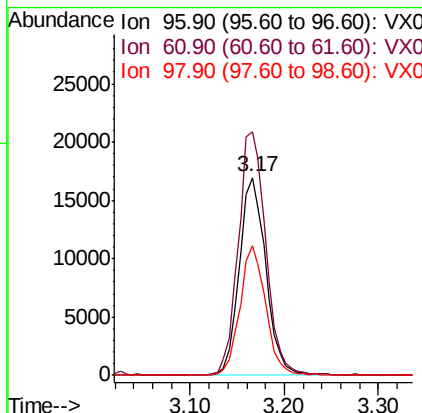
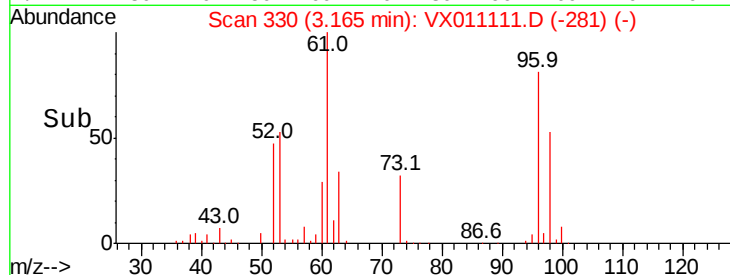
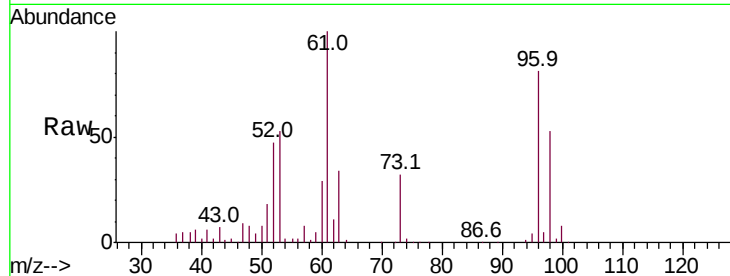
98 65.7 52.2 78.4

Manual Integrations

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#22

Diisopropyl ether

Concen: 20.142 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX011111.D

Acq: 27 Jul 2019 00:23

Tgt Ion: 45 Resp: 102708

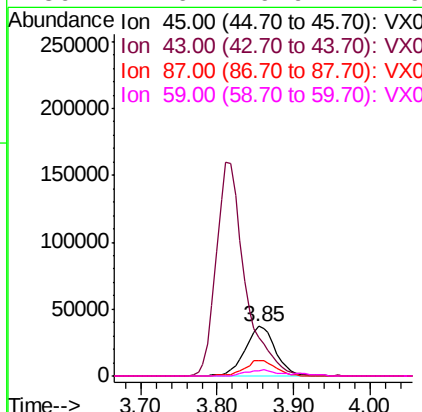
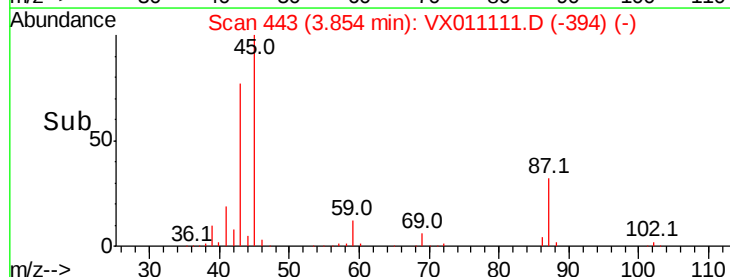
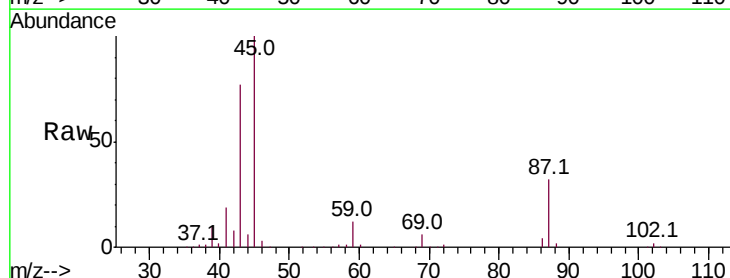
Ion Ratio Lower Upper

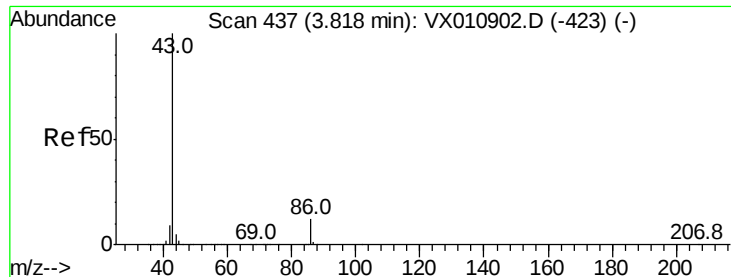
45 100

43 76.2 62.3 93.5

87 31.9 25.0 37.4

59 11.6 9.9 14.9





#23

Vinyl Acetate

Concen: 96.714 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX011111.D

Acq: 27 Jul 2019 00:23

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBSD02

Tot Ion: 43 Resp: 417857

Ion Ratio Lower Upper

43 100

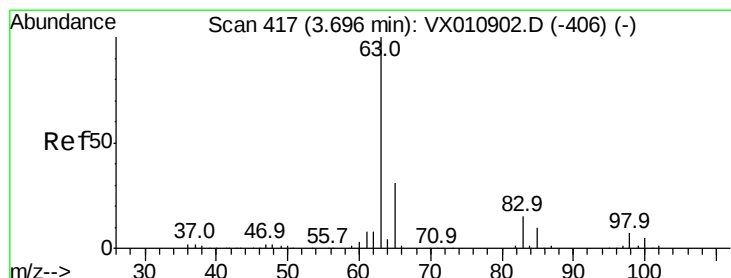
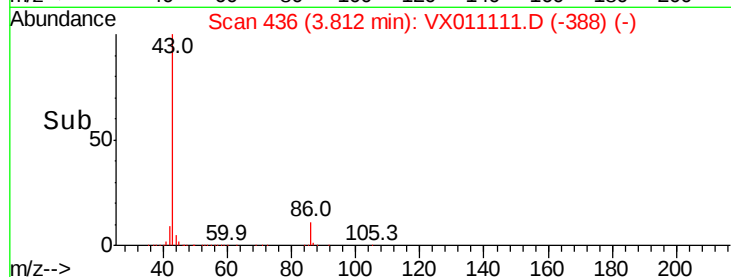
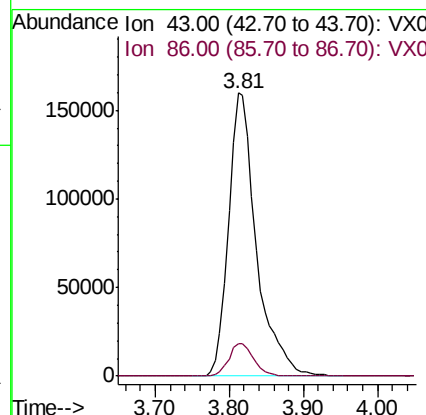
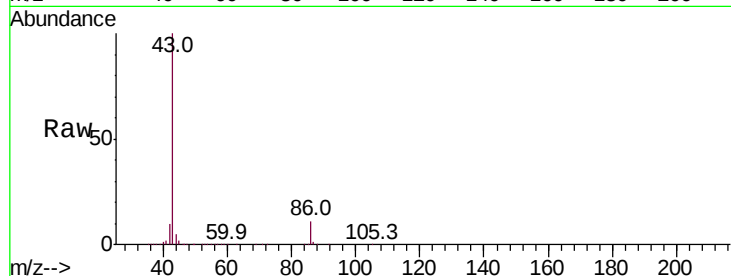
86 11.4 9.4 14.0

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 19.795 ug/l

RT: 3.70 min Scan# 418

Delta R.T. 0.01 min

Lab File: VX011111.D

Acq: 27 Jul 2019 00:23

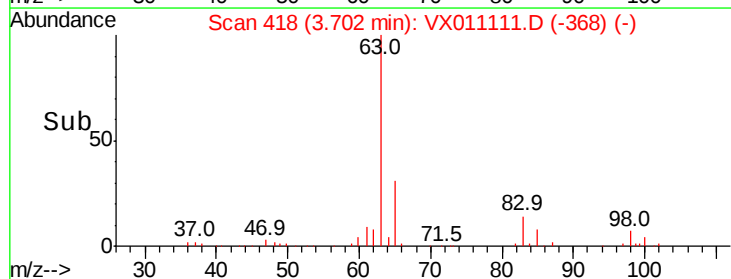
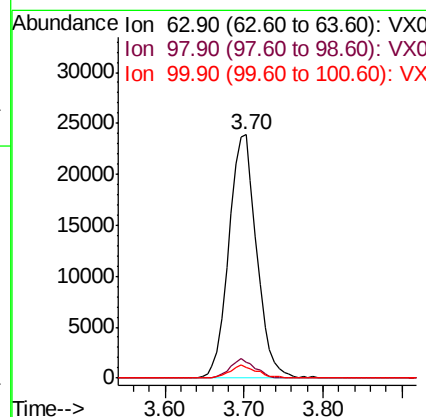
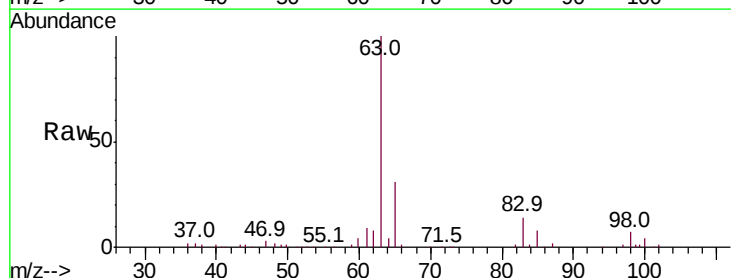
Tgt Ion: 63 Resp: 58622

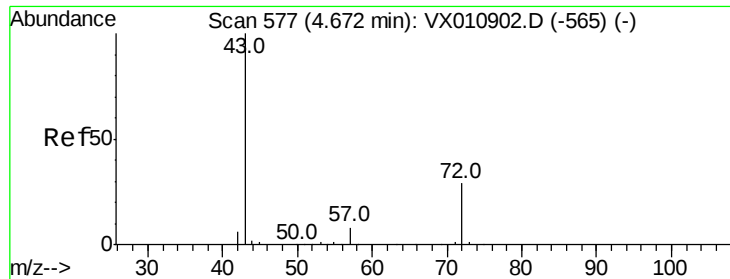
Ion Ratio Lower Upper

63 100

98 6.5 3.6 10.9

100 4.2 2.4 7.2





#25

2-Butanone

Concen: 100.657 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX011111.D

Acq: 27 Jul 2019 00:23

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBSD02

Tot Ion: 43 Resp: 129738

Ion Ratio Lower Upper

43 100

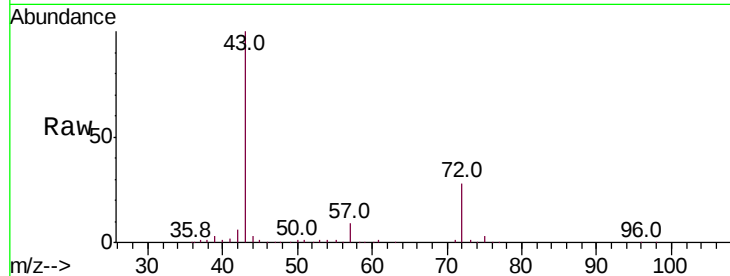
72 28.1 23.0 34.6

Manual Integrations

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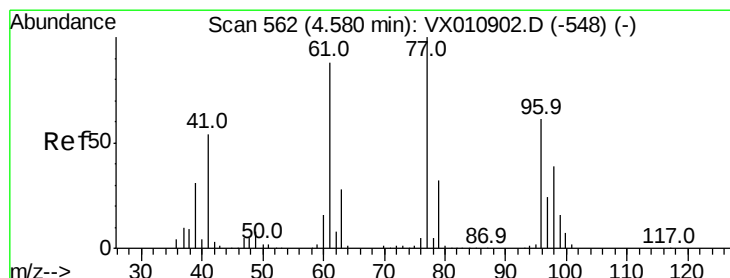
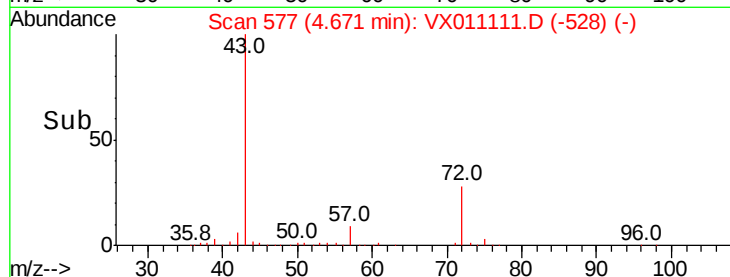
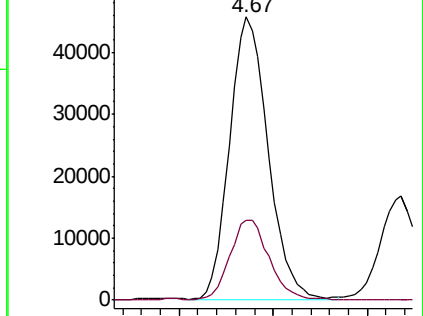
MMDadoda

7/29/2019 11:53:04 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 13.984 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX011111.D

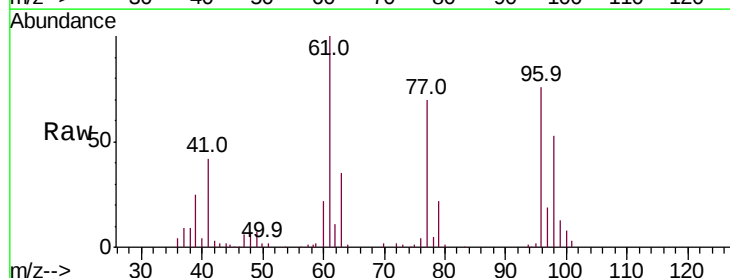
Acq: 27 Jul 2019 00:23

Tgt Ion: 77 Resp: 34004

Ion Ratio Lower Upper

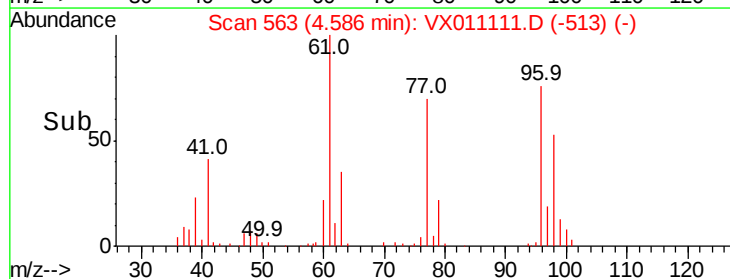
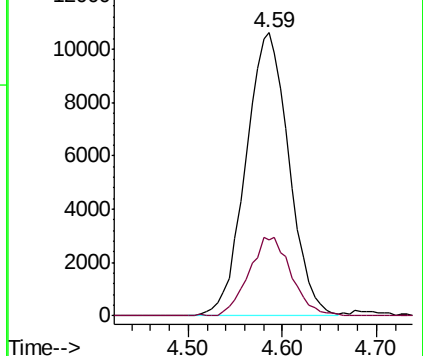
77 100

97 27.3 12.6 37.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

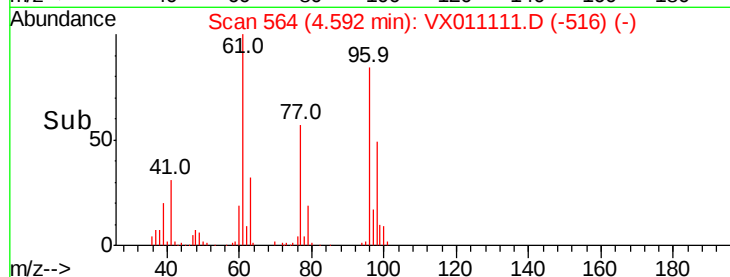
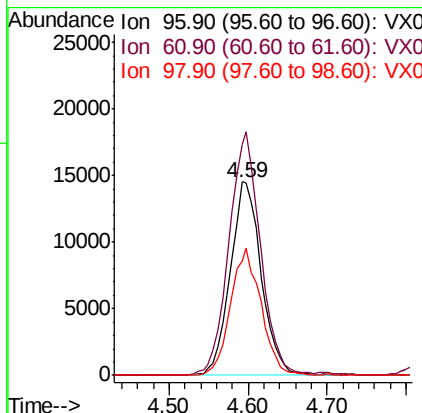
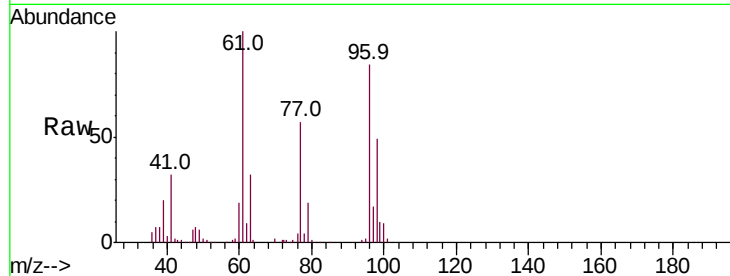
cis-1,2-Dichloroethene
 Concen: 19.487 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX011111.D
 Acq: 27 Jul 2019 00:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0726WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	127.6	0.0	269.0	
98	64.3	0.0	131.4	

Manual Integrations
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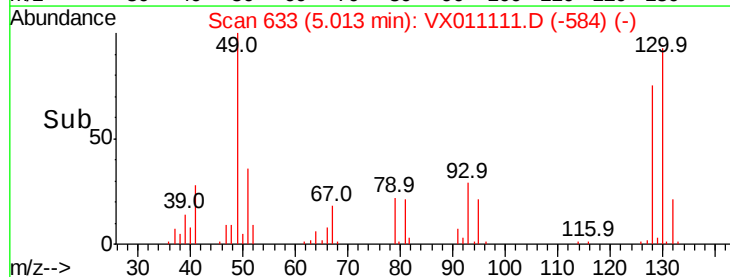
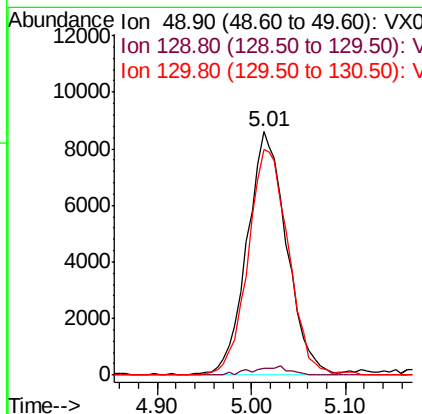
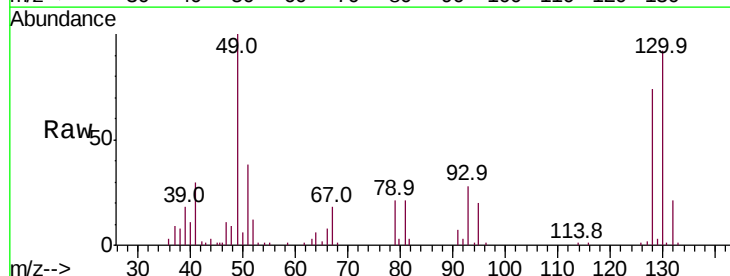
MMDadoda
 7/29/2019 11:53:04 AM

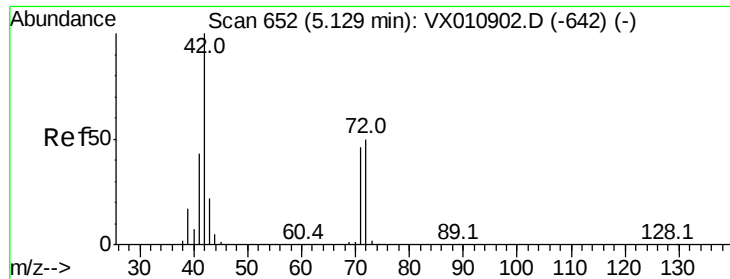


#28

Bromochloromethane
 Concen: 18.213 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. -0.00 min
 Lab File: VX011111.D
 Acq: 27 Jul 2019 00:23

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	3.3	0.0	5.2	
130	94.0	76.9	115.3	





#29

Tetrahydrofuran

Concen: 101.056 ug/l

RT: 5.13 min Scan# 652

Delta R.T. -0.00 min

Lab File: VX011111.D

Acq: 27 Jul 2019 00:23

Instrument :

MSVOA_X

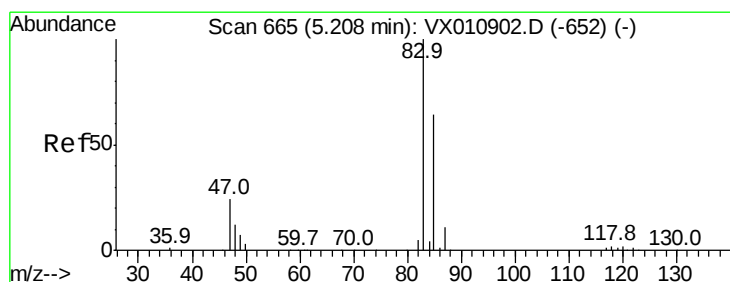
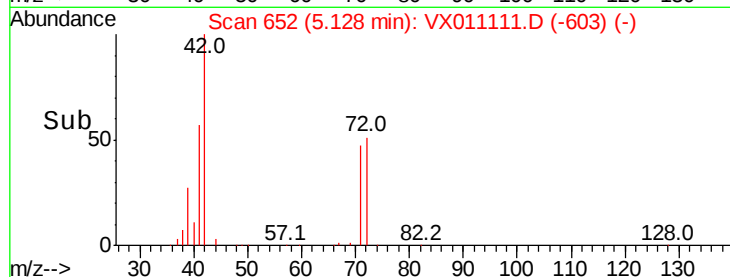
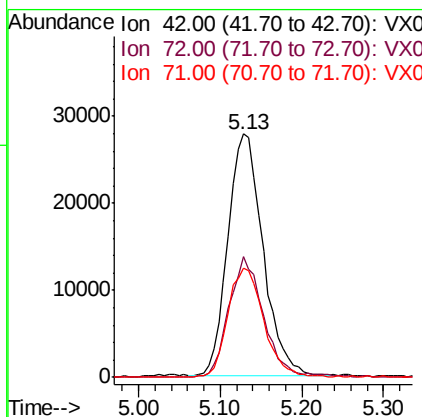
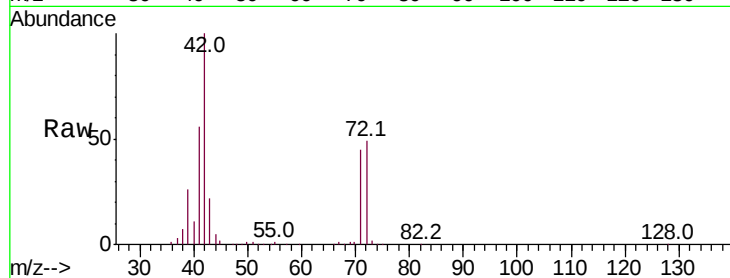
ClientSampleId :

VX0726WBSD02

Tot Ion:	42	Resp:	82507
Ion Ratio		Lower	Upper
42	100		
72	49.1	39.8	59.8
71	46.3	37.0	55.4

Manual Integrations
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#30

Chloroform

Concen: 19.587 ug/l

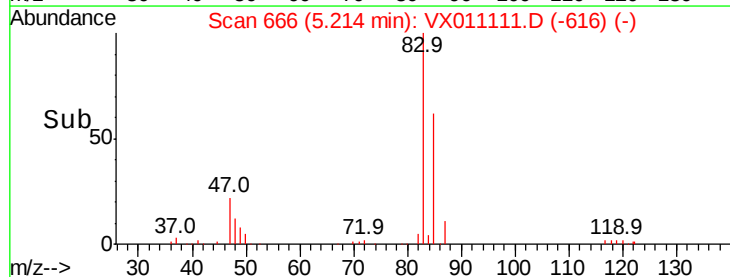
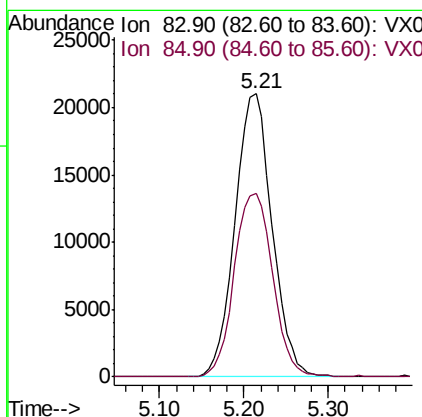
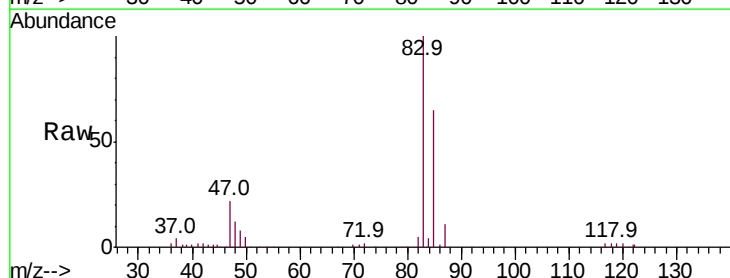
RT: 5.21 min Scan# 666

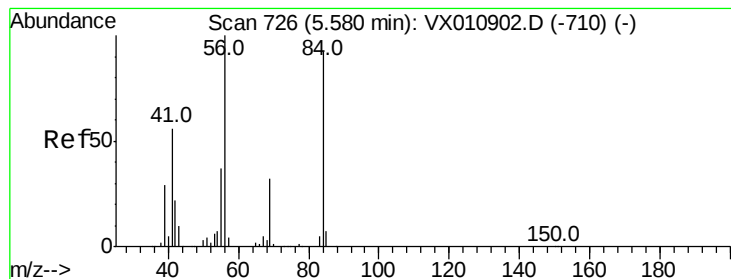
Delta R.T. 0.01 min

Lab File: VX011111.D

Acq: 27 Jul 2019 00:23

Tgt Ion:	83	Resp:	62696
Ion Ratio		Lower	Upper
83	100		
85	64.9	51.4	77.0





#31

Cyclohexane

Concen: 18.192 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX011111.D

Acq: 27 Jul 2019 00:23

Instrument :

MSVOA_X

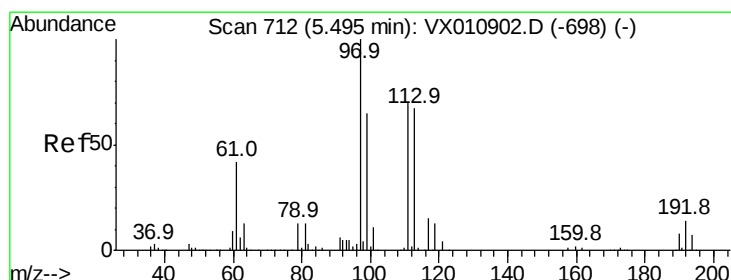
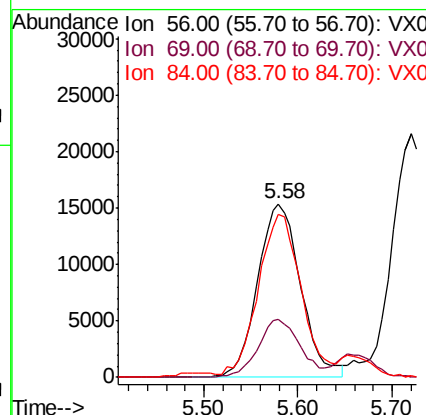
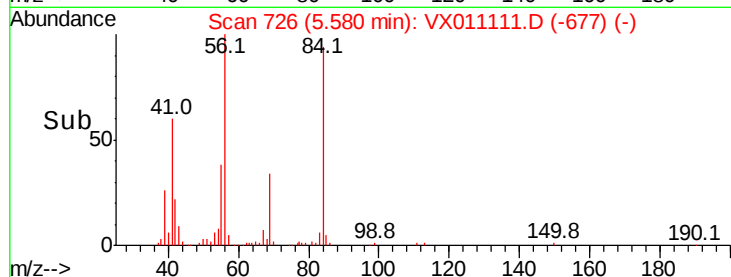
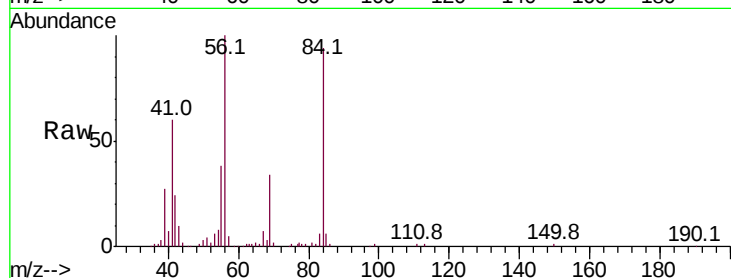
ClientSampleId :

VX0726WBSD02

Tot Ion:	56	Resp:	49106
Ion	Ratio	Lower	Upper
56	100		
69	32.8	25.8	38.8
84	91.4	73.8	110.6

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 19.461 ug/l

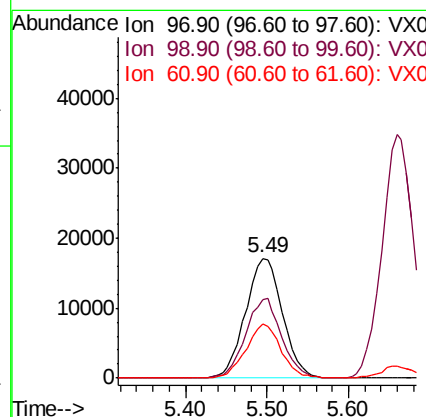
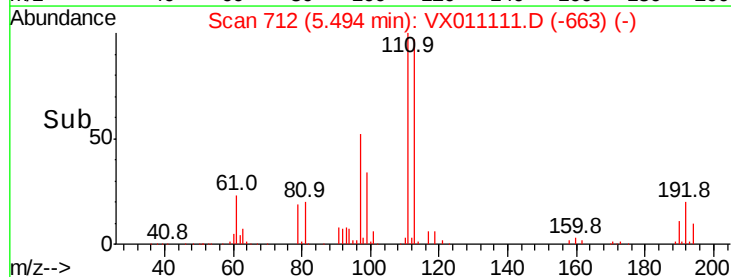
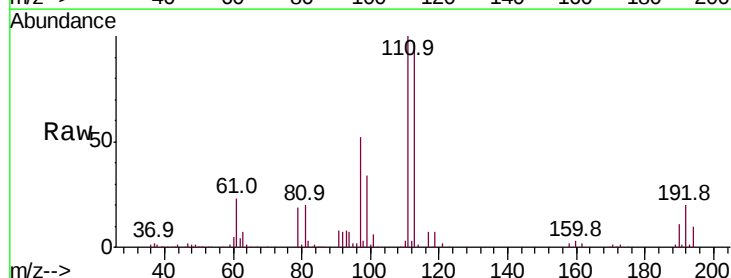
RT: 5.49 min Scan# 712

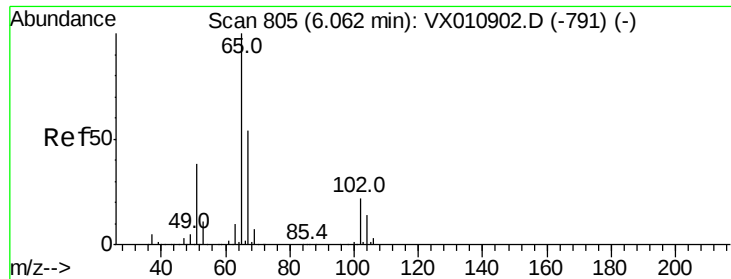
Delta R.T. -0.00 min

Lab File: VX011111.D

Acq: 27 Jul 2019 00:23

Tgt Ion:	97	Resp:	53895
Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.4	77.0
61	42.9	33.0	49.6





#33

1,2-Dichloroethane-d4

Concen: 53.478 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX011111.D

Acq: 27 Jul 2019 00:23

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBSD02

Tot Ion: 65 Resp: 106317

Ion Ratio Lower Upper

65 100

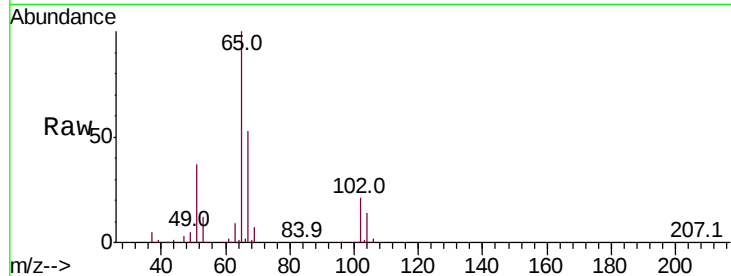
67 53.8 0.0 107.8

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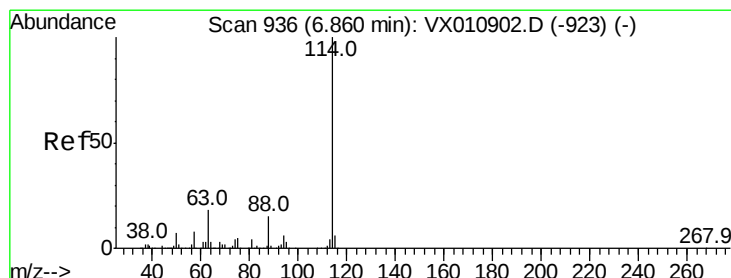
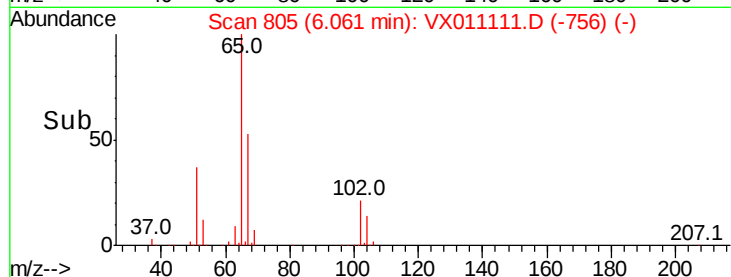
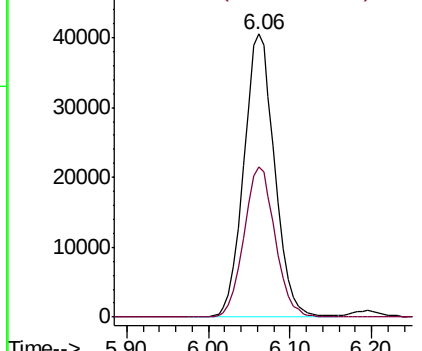
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX011111.D

Acq: 27 Jul 2019 00:23

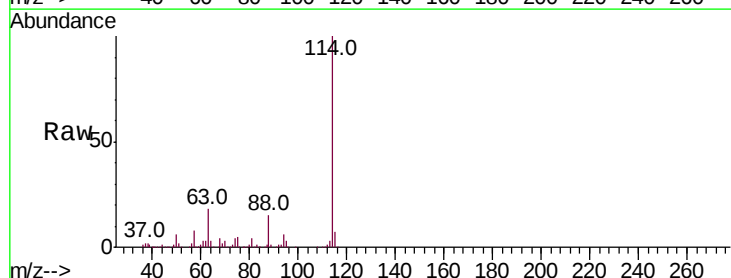
Tgt Ion:114 Resp: 284665

Ion Ratio Lower Upper

114 100

63 18.4 0.0 35.6

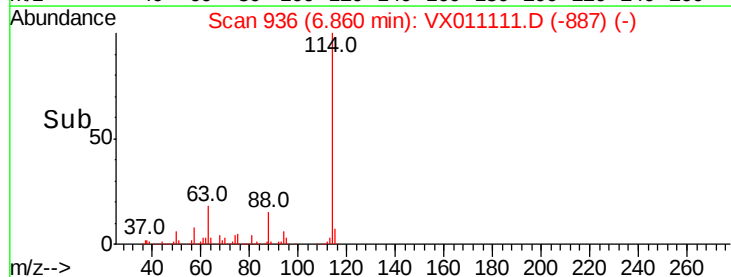
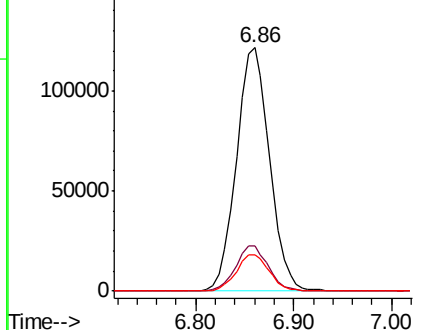
88 15.1 0.0 29.8

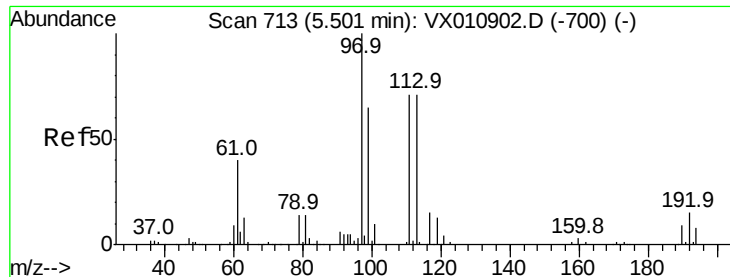


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 52.400 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX011111.D

Acq: 27 Jul 2019 00:23

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBSD02

Tot Ion:113 Resp: 94678

Ion Ratio Lower Upper

113 100

111 102.4 82.3 123.5

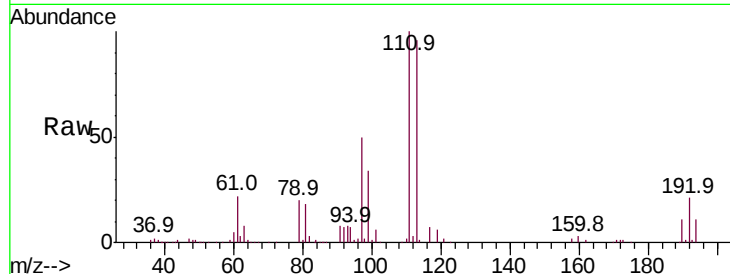
192 21.8 17.4 26.2

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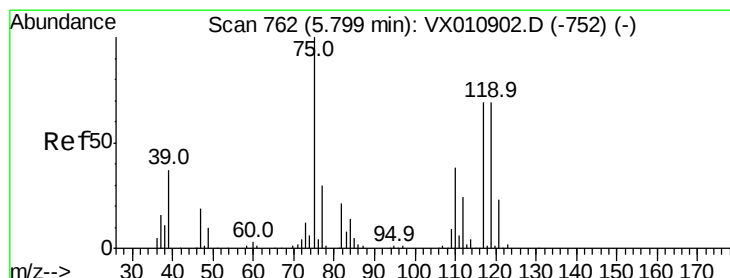
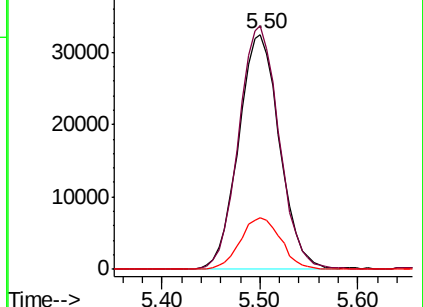
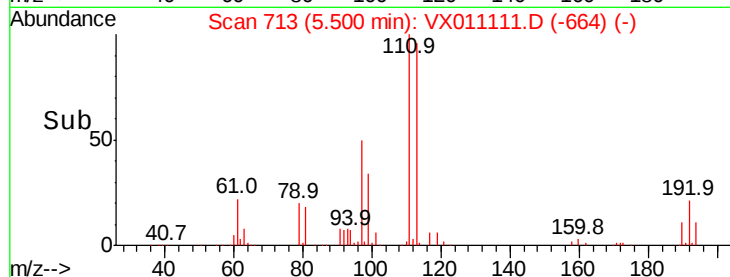
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Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.283 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX011111.D

Acq: 27 Jul 2019 00:23

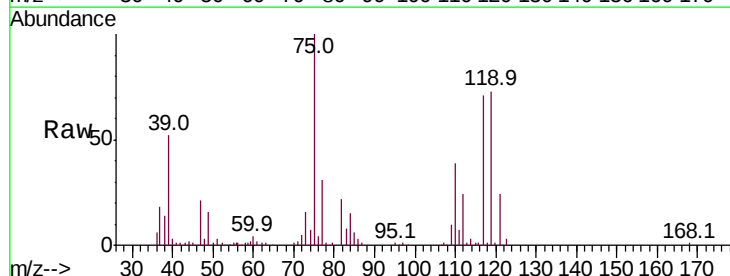
Tgt Ion: 75 Resp: 42751

Ion Ratio Lower Upper

75 100

110 39.7 19.9 59.7

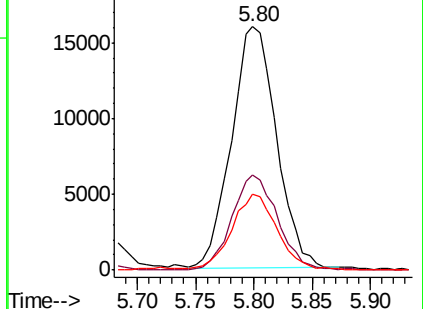
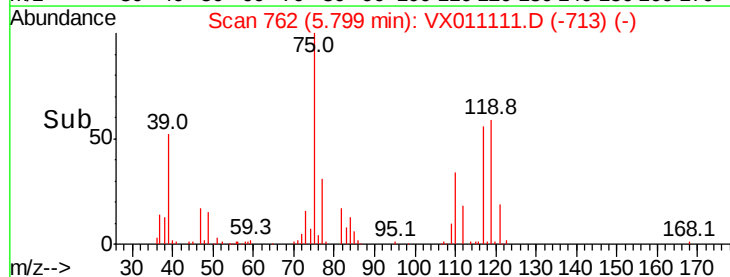
77 31.9 25.0 37.4

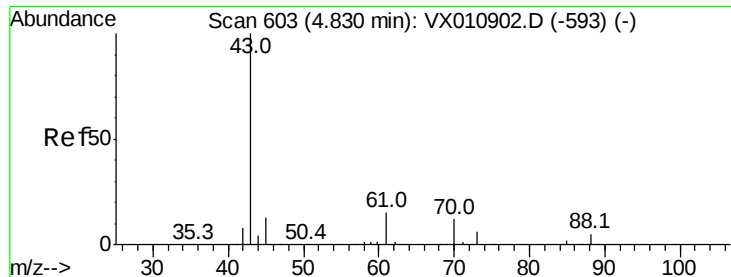


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





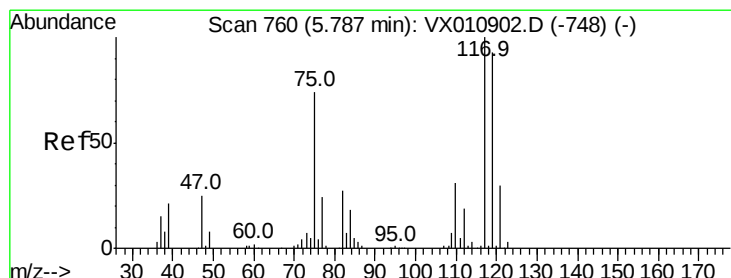
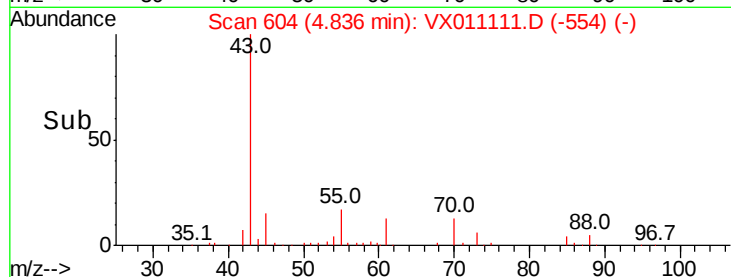
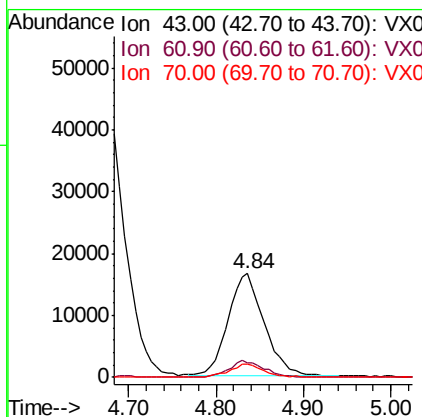
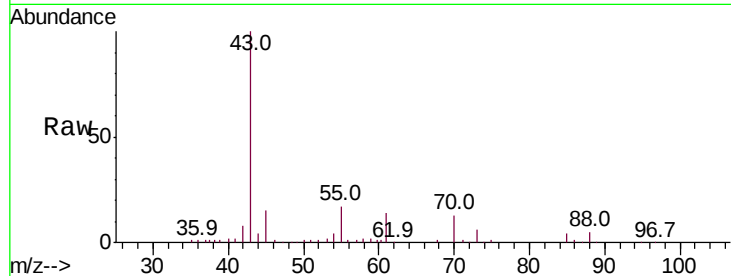
#37
Ethyl Acetate
Concen: 19.890 ug/l
RT: 4.84 min Scan# 604
Delta R.T. 0.01 min
Lab File: VX011111.D
Acq: 27 Jul 2019 00:23

Instrument :
MSVOA_X
ClientSampleID :
VX0726WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.3	11.6	17.4
70	12.5	9.1	13.7

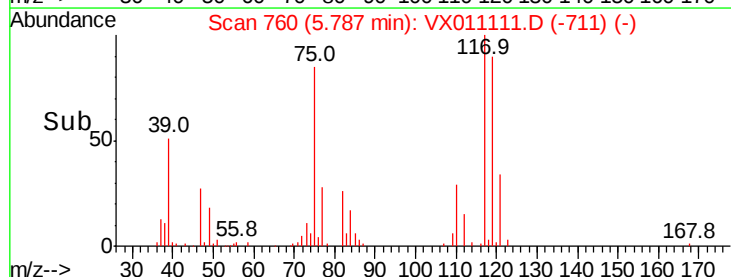
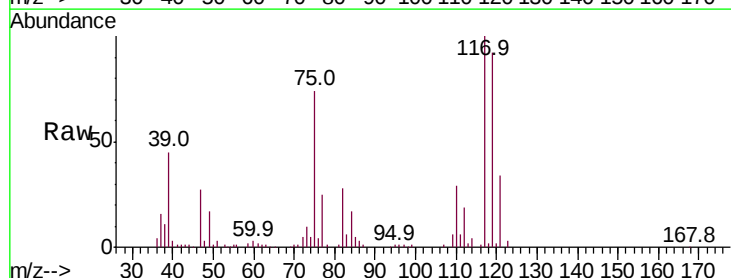
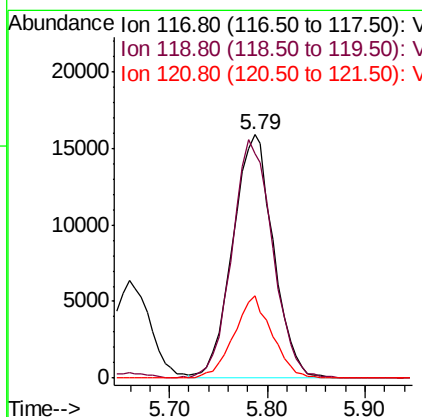
Manual Integrations
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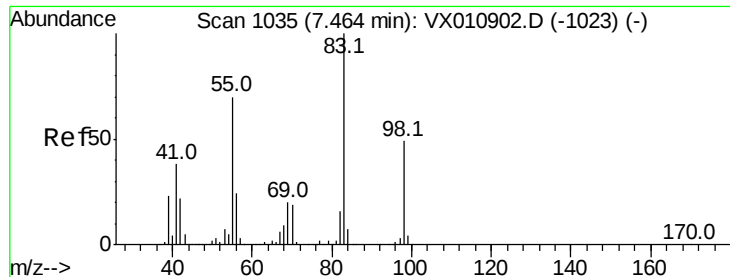
MMDadoda
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#38
Carbon Tetrachloride
Concen: 18.837 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX011111.D
Acq: 27 Jul 2019 00:23

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.9	74.2	111.2
121	33.6	24.2	36.2





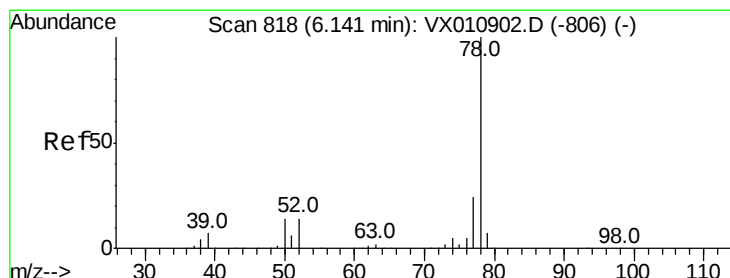
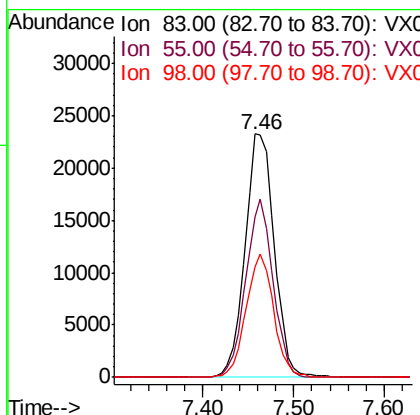
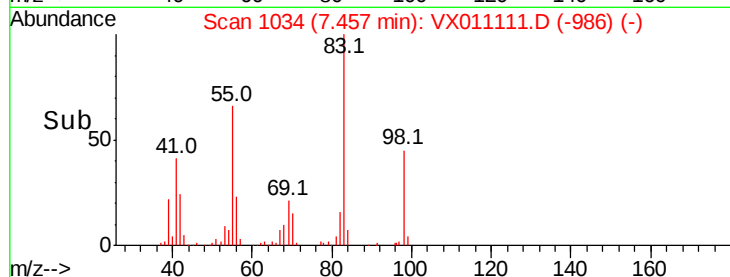
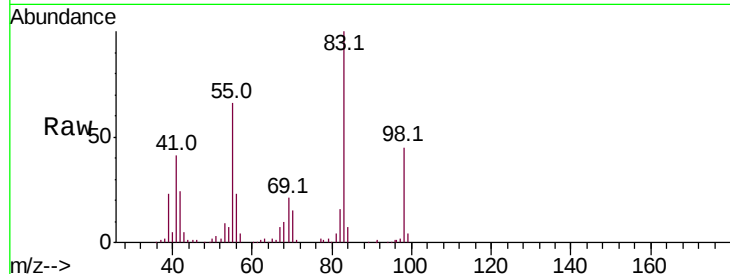
#39
Methvlcvclohexane
Concen: 17.056 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX011111.D
Acq: 27 Jul 2019 00:23

Instrument :
MSVOA_X
ClientSampleId :
VX0726WBSD02

Tot Ion	83	Resp	51720
Ion	Ratio	Lower	Upper
83	100		
55	65.7	56.2	84.4
98	45.2	39.0	58.4

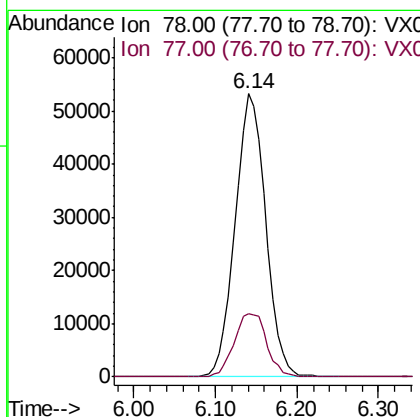
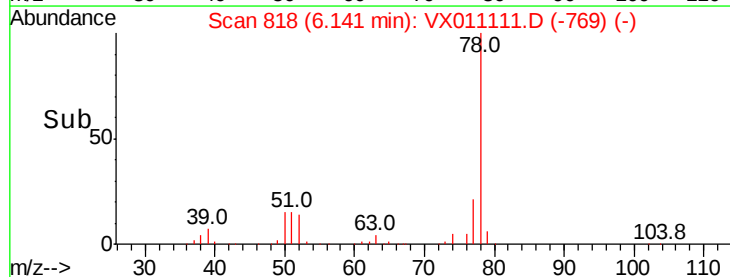
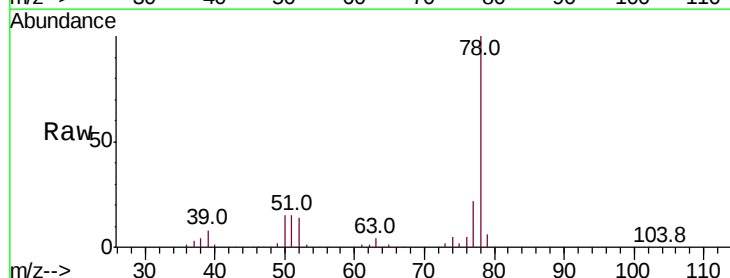
Manual Integrations
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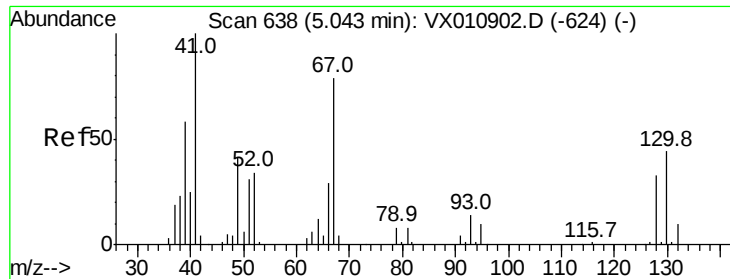
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#40
Benzene
Concen: 19.318 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX011111.D
Acq: 27 Jul 2019 00:23

Tgt Ion	78	Resp	138364
Ion	Ratio	Lower	Upper
78	100		
77	22.2	19.0	28.6





#41

Methacrylonitrile

Concen: 18.462 ug/l

RT: 5.04 min Scan# 637

Delta R.T. -0.01 min

Lab File: VX011111.D

Acq: 27 Jul 2019 00:23

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBSD02

Tot Ion: 41 Resp: 25094

Ion Ratio Lower Upper

41 100

39 56.2 45.4 68.2

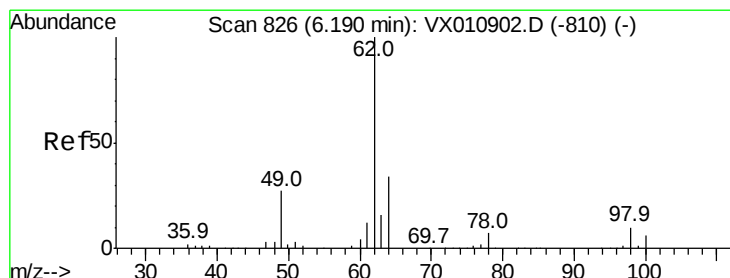
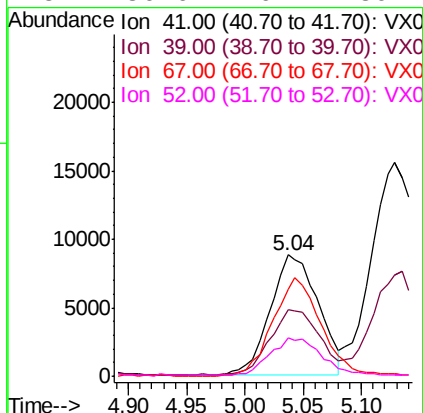
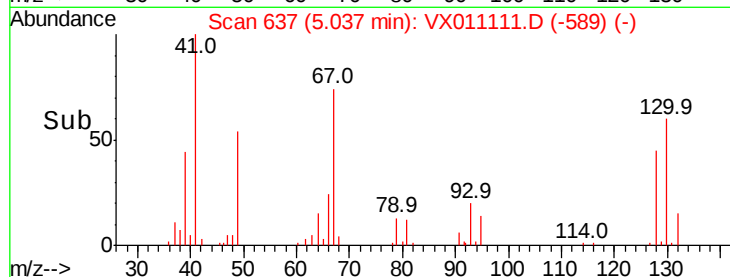
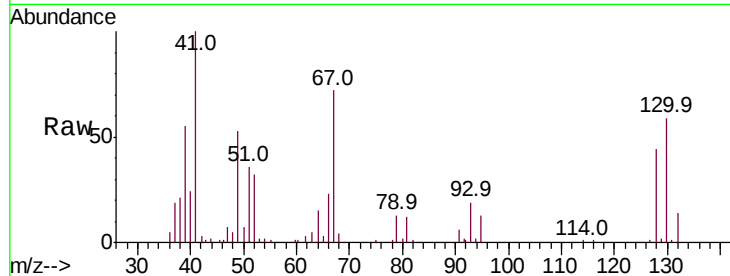
67 83.3 65.9 98.9

52 36.6 26.2 39.2

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 19.641 ug/l

RT: 6.19 min Scan# 826

Delta R.T. -0.00 min

Lab File: VX011111.D

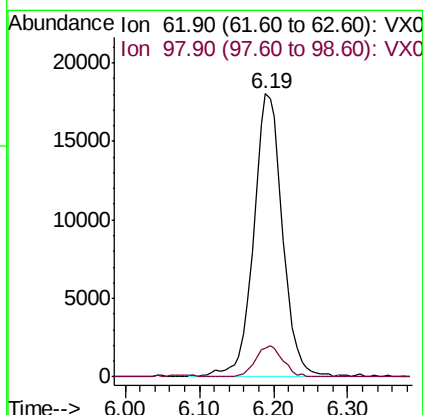
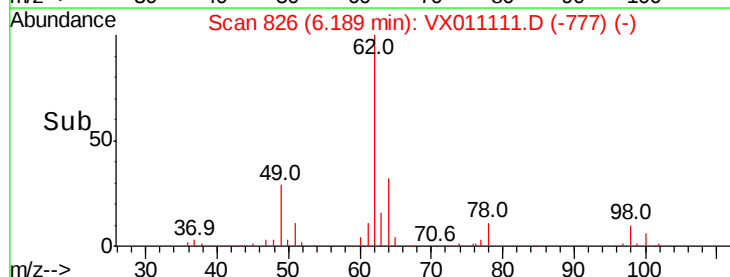
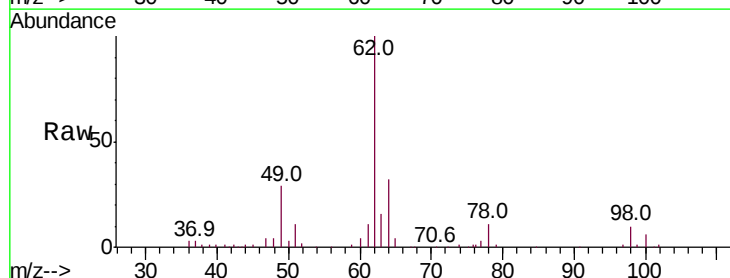
Acq: 27 Jul 2019 00:23

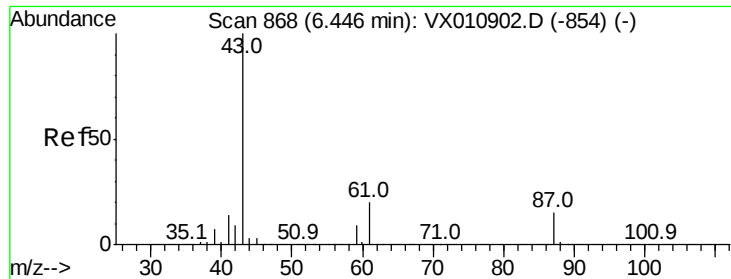
Tgt Ion: 62 Resp: 48915

Ion Ratio Lower Upper

62 100

98 10.3 0.0 20.0





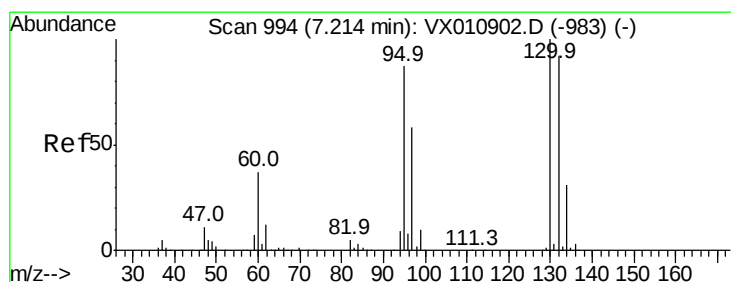
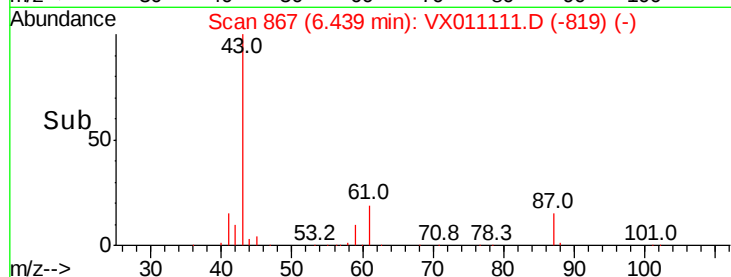
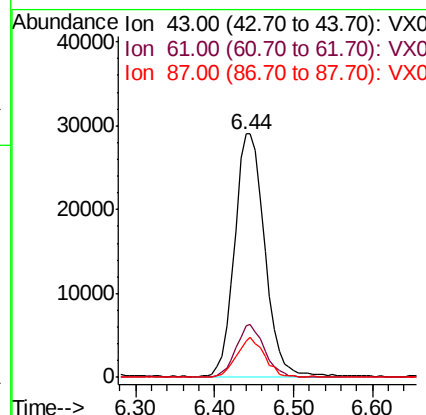
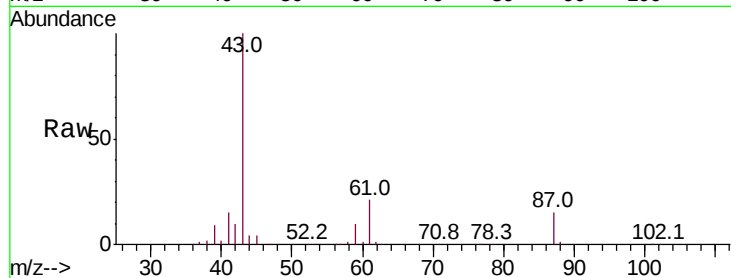
#43
Isopropyl Acetate
Concen: 19.459 ug/l
RT: 6.44 min Scan# 867
Delta R.T. -0.01 min
Lab File: VX011111.D
Acq: 27 Jul 2019 00:23

Instrument :
MSVOA_X
ClientSampleId :
VX0726WBSD02

Tot Ion:	43	Resp:	76610
Ion	Ratio	Lower	Upper
43	100		
61	20.7	17.1	25.7
87	15.1	12.0	18.0

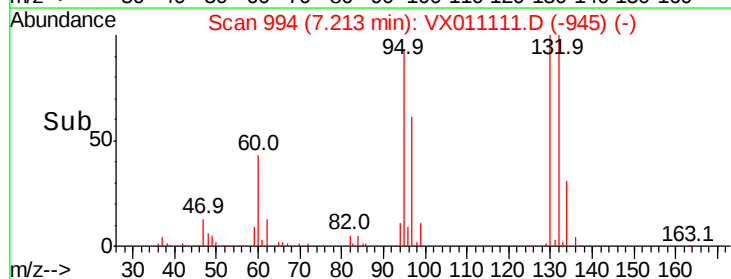
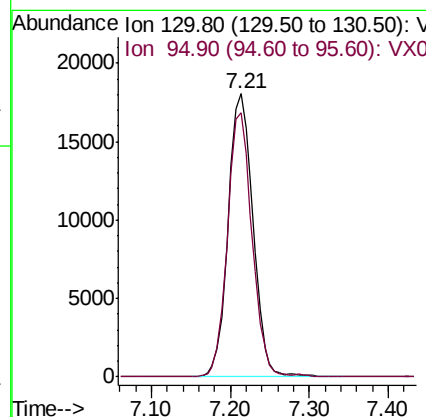
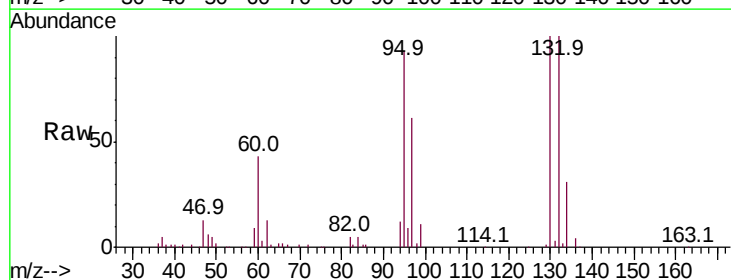
Manual Integrations
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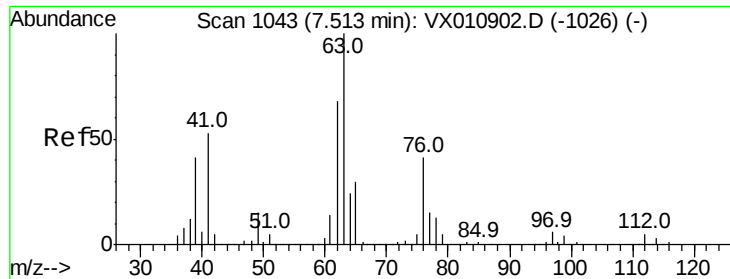
MMDadoda
7/29/2019 11:53:04 AM



#44
Trichloroethene
Concen: 18.736 ug/l
RT: 7.21 min Scan# 994
Delta R.T. -0.00 min
Lab File: VX011111.D
Acq: 27 Jul 2019 00:23

Tgt Ion:	130	Resp:	39724
Ion	Ratio	Lower	Upper
130	100		
95	93.2	0.0	174.8





#45

1,2-Dichloropropane

Concen: 19.357 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX011111.D

Acq: 27 Jul 2019 00:23

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBSD02

Tot Ion: 63 Resp: 35289

Ion Ratio Lower Upper

63 100

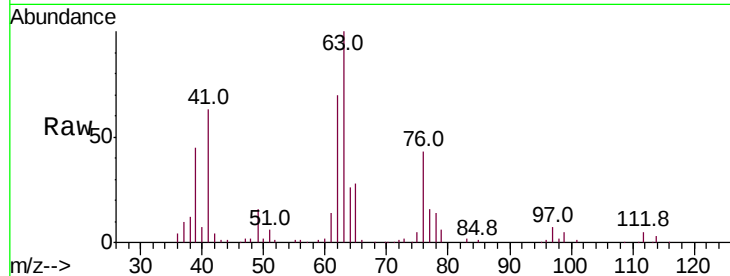
65 28.1 24.4 36.6

Manual Integrations

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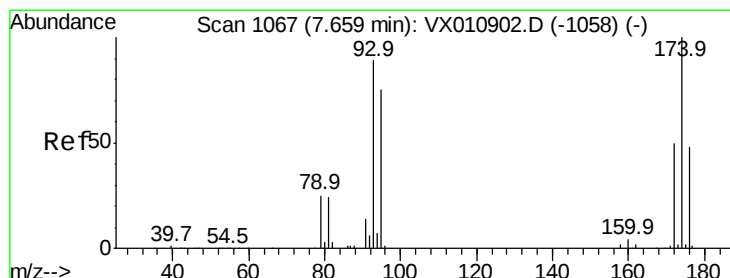
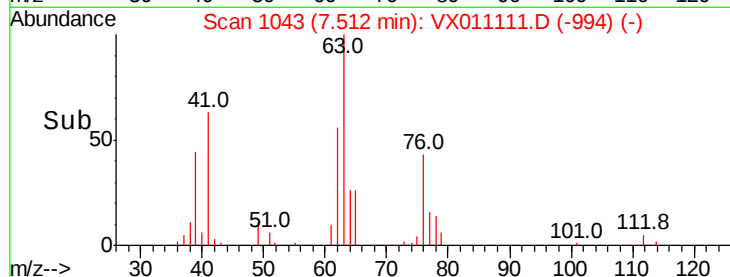
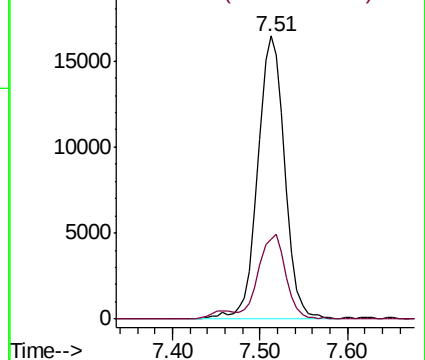
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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 19.591 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX011111.D

Acq: 27 Jul 2019 00:23

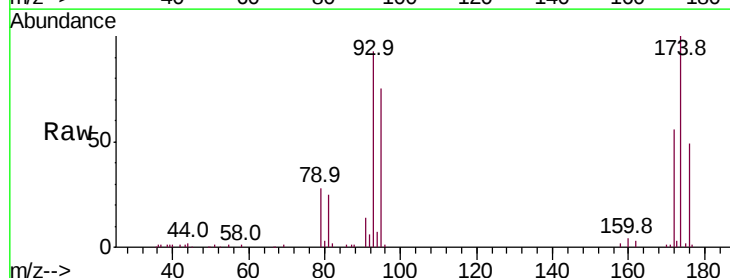
Tgt Ion: 93 Resp: 25521

Ion Ratio Lower Upper

93 100

95 83.4 67.2 100.8

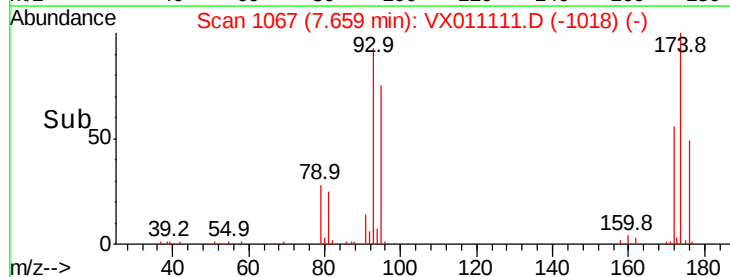
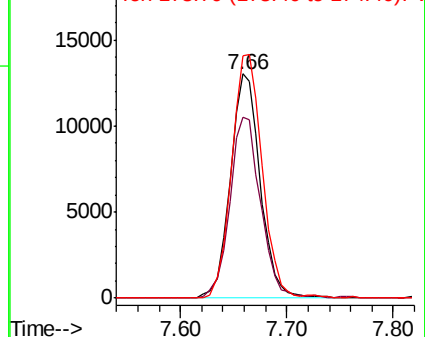
174 111.5 90.6 135.8

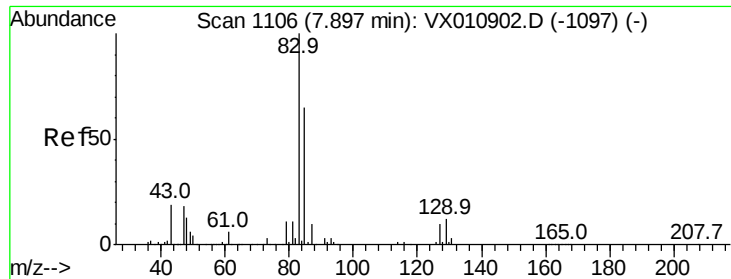


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.479 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX011111.D

Acq: 27 Jul 2019 00:23

Instrument :

MSVOA_X

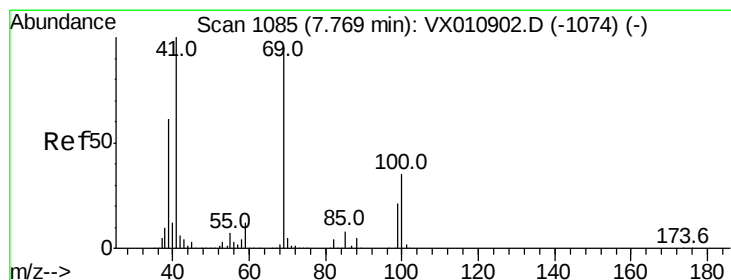
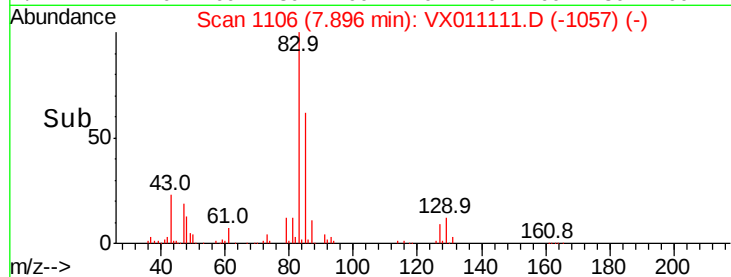
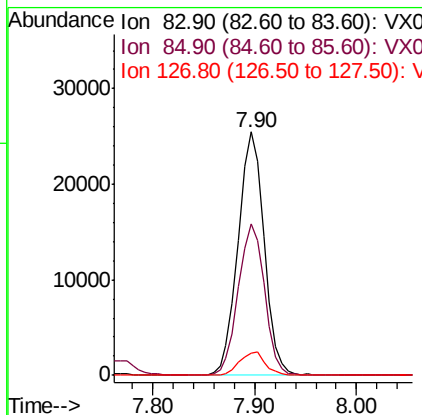
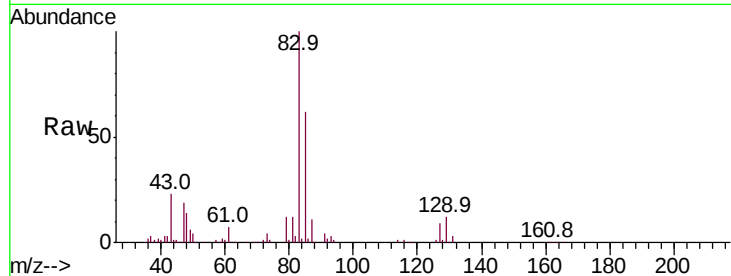
ClientSampleId :

VX0726WBSD02

Tot Ion:	83	Resp:	45170
Ion	Ratio	Lower	Upper
83	100		
85	62.0	52.5	78.7
127	9.3	7.8	11.8

Manual Integrations
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#48

Methyl methacrylate

Concen: 19.609 ug/l

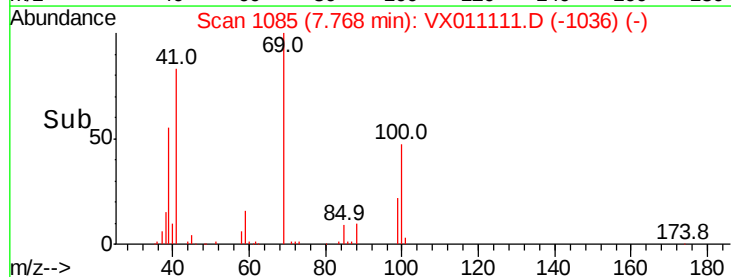
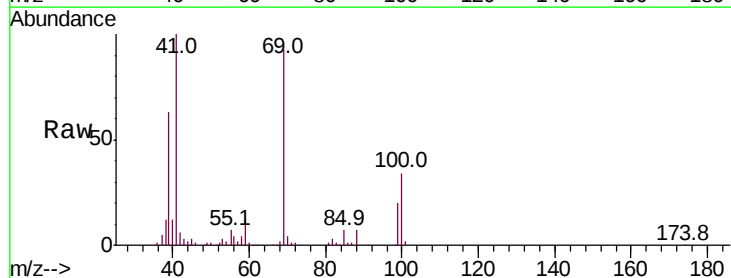
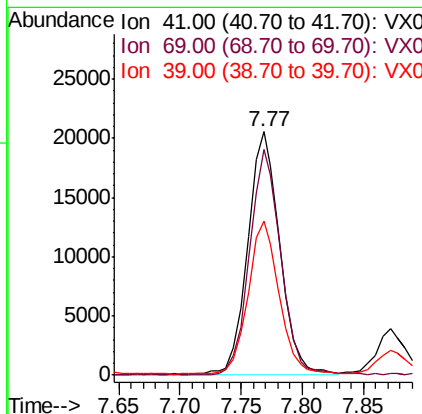
RT: 7.77 min Scan# 1085

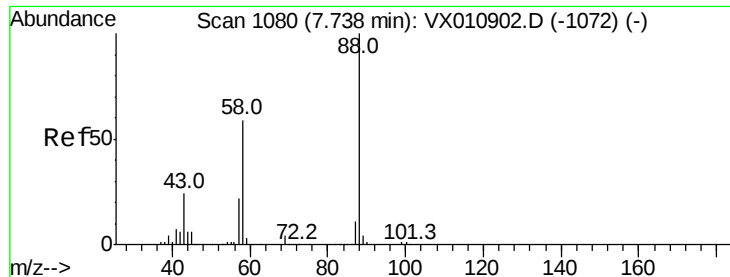
Delta R.T. -0.00 min

Lab File: VX011111.D

Acq: 27 Jul 2019 00:23

Tgt Ion:	41	Resp:	37608
Ion	Ratio	Lower	Upper
41	100		
69	90.4	74.4	111.6
39	61.2	48.9	73.3





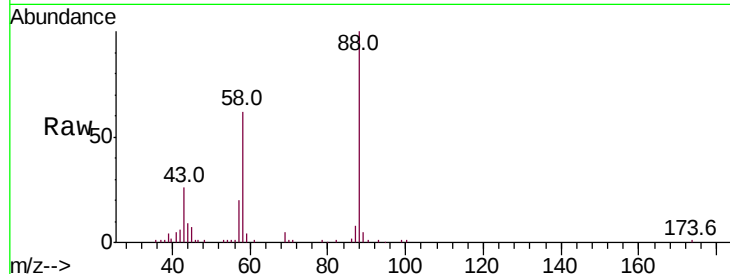
#49
1,4-Dioxane
Concen: 405.214 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX011111.D
Acq: 27 Jul 2019 00:23

Instrument :
MSVOA_X
ClientSampleId :
VX0726WBSD02

Tot Ion	Ratio	Lower	Upper
88	100		
43	27.9	22.9	34.3
58	61.4	49.8	74.8

Manual Integrations
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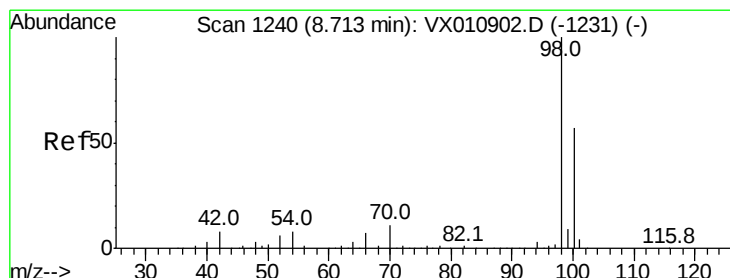
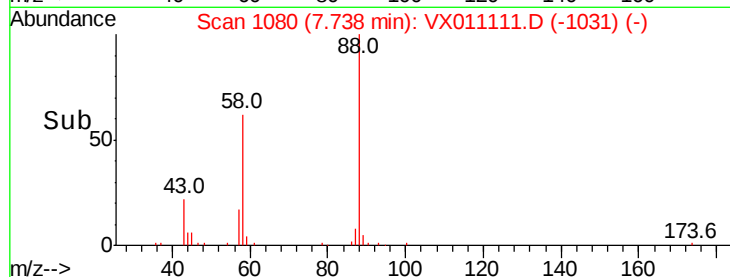
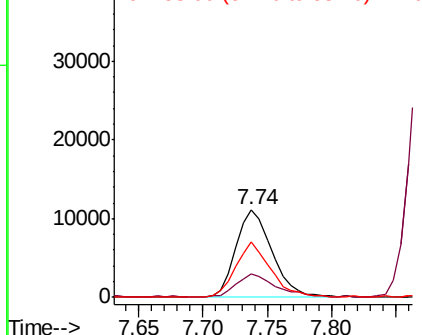


Abundance

Ion 88.00 (87.70 to 88.70): VX0

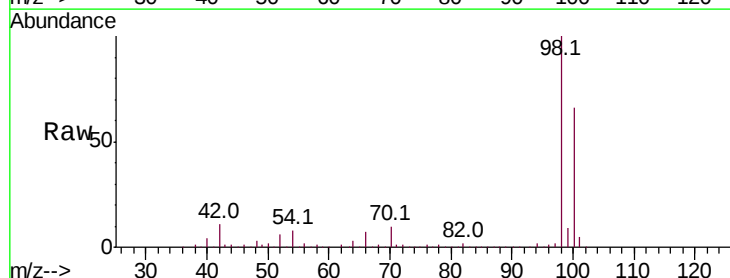
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50
Toluene-d8
Concen: 51.490 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX011111.D
Acq: 27 Jul 2019 00:23

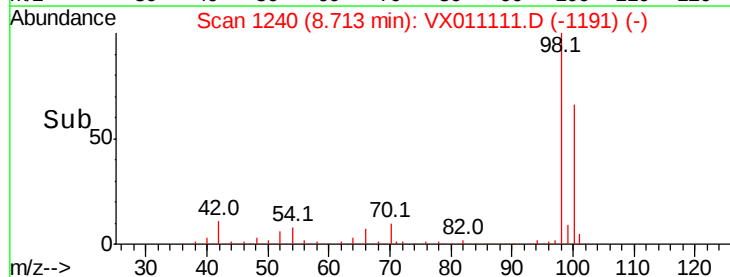
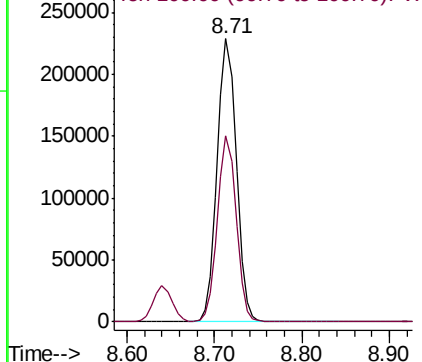
Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.9	50.6	75.8

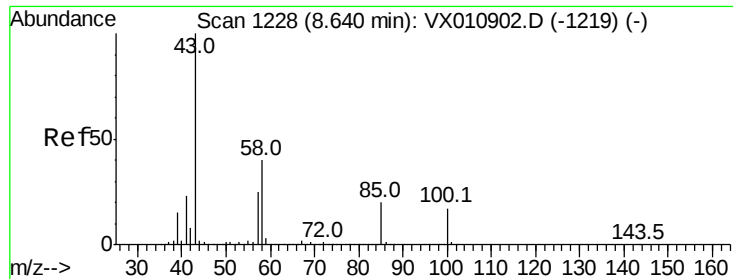


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 101.529 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX011111.D

Acq: 27 Jul 2019 00:23

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBSD02

Tot Ion: 43 Resp: 259112

Ion Ratio Lower Upper

43 100

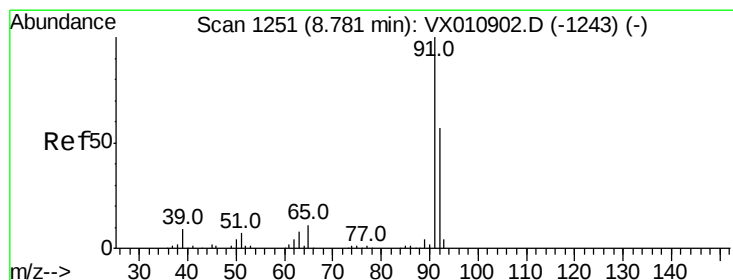
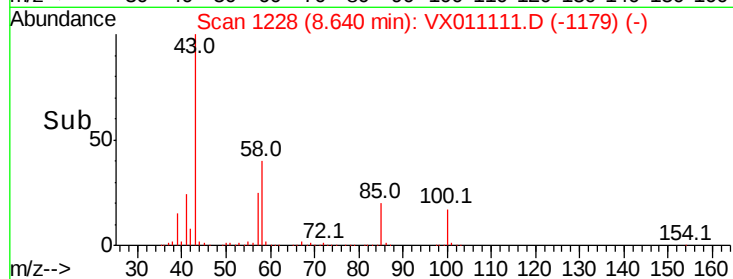
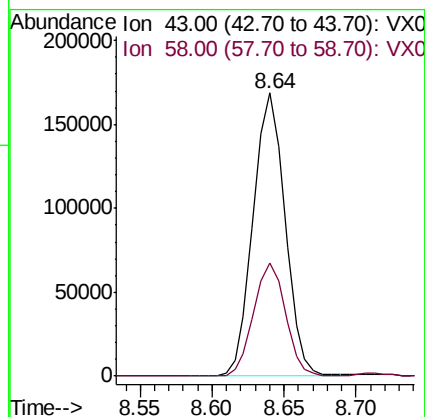
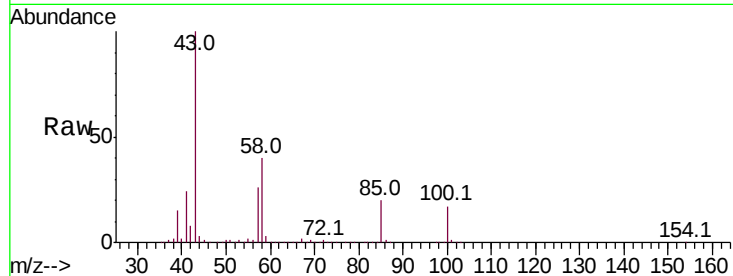
58 40.0 32.2 48.4

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#52

Toluene

Concen: 18.812 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX011111.D

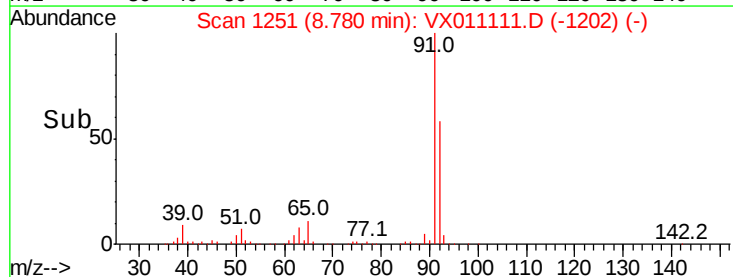
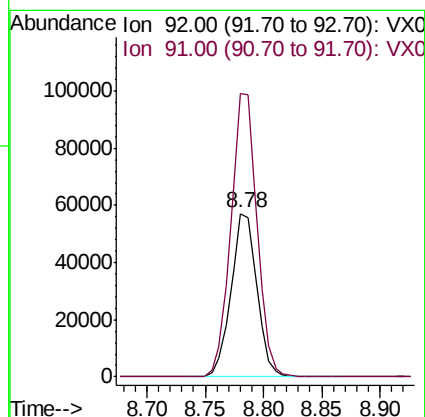
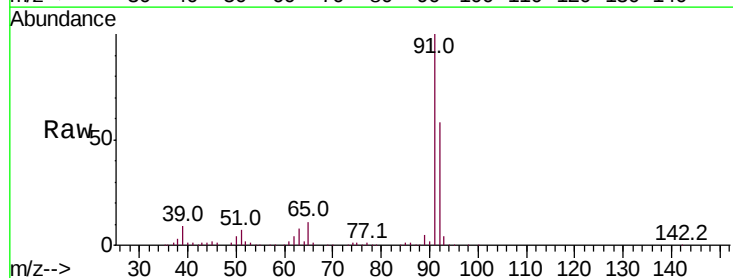
Acq: 27 Jul 2019 00:23

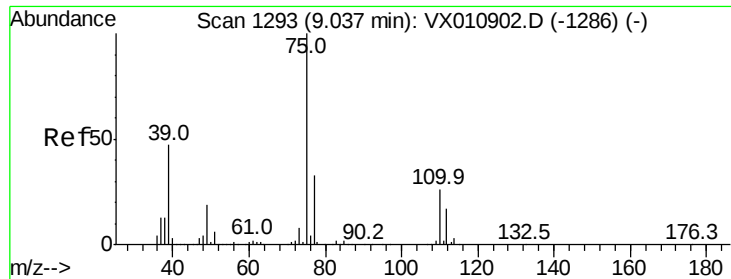
Tgt Ion: 92 Resp: 88518

Ion Ratio Lower Upper

92 100

91 175.6 139.4 209.0





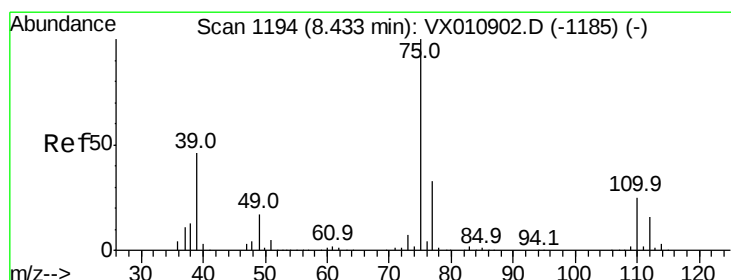
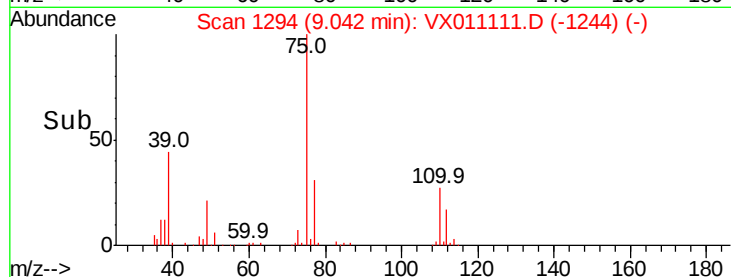
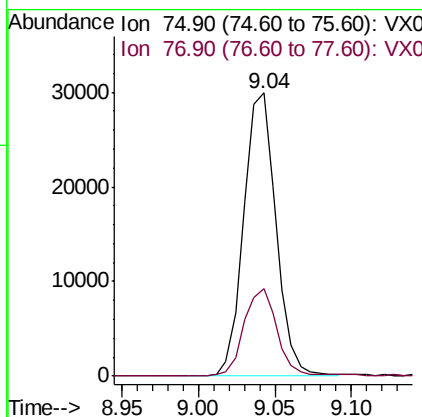
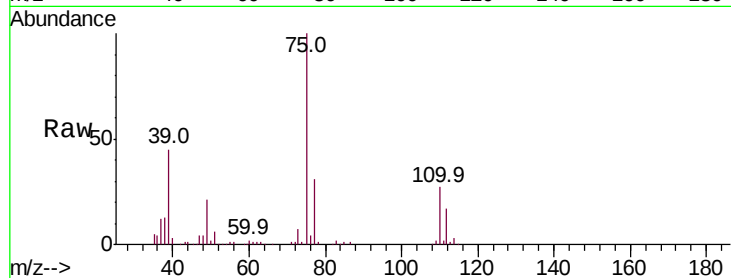
#53
t-1,3-Dichloropropene
Concen: 17.676 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.01 min
Lab File: VX011111.D
Acq: 27 Jul 2019 00:23

Instrument :
MSVOA_X
ClientSampleId :
VX0726WBSD02

Tot Ion: 75 Resp: 44072
Ion Ratio Lower Upper
75 100
77 30.7 26.2 39.2

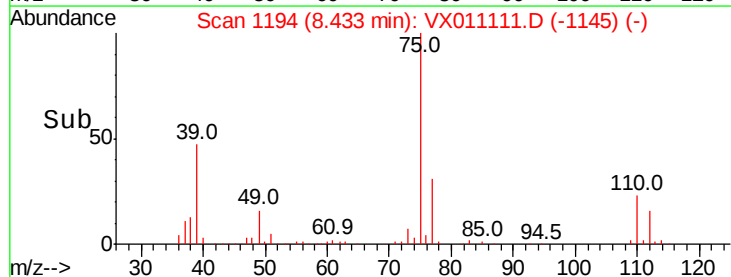
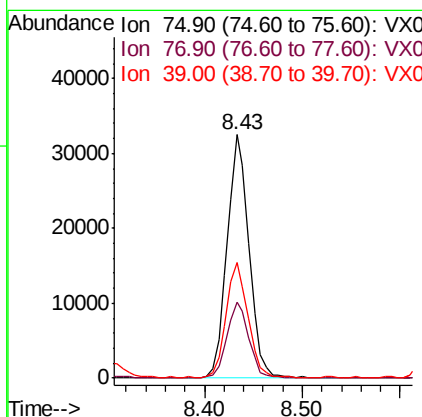
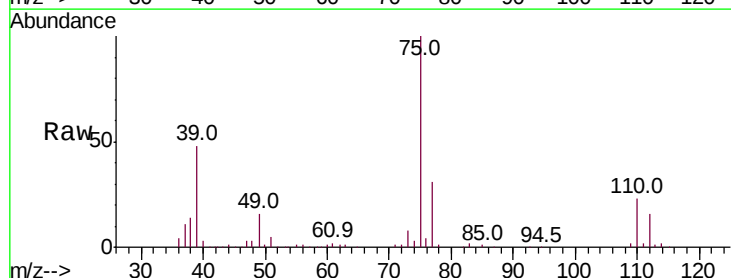
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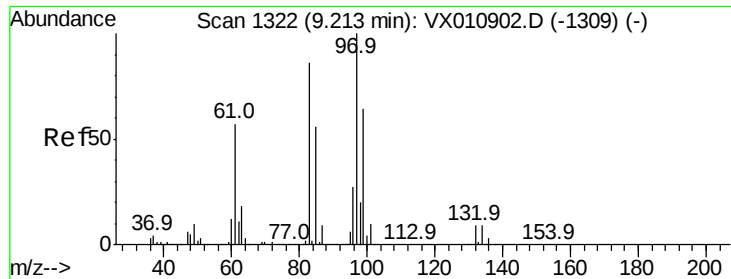
MMDadoda
7/29/2019 11:53:04 AM



#54
cis-1,3-Dichloropropene
Concen: 18.225 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX011111.D
Acq: 27 Jul 2019 00:23

Tgt Ion: 75 Resp: 50564
Ion Ratio Lower Upper
75 100
77 31.0 26.1 39.1
39 47.2 36.6 54.8





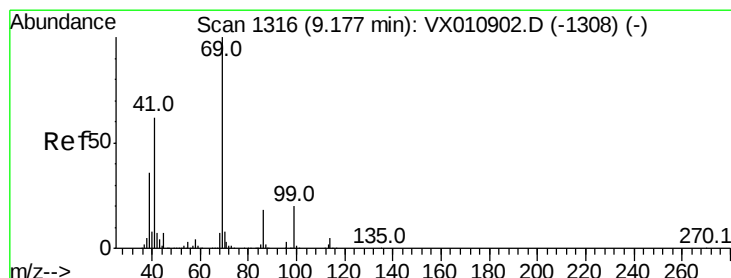
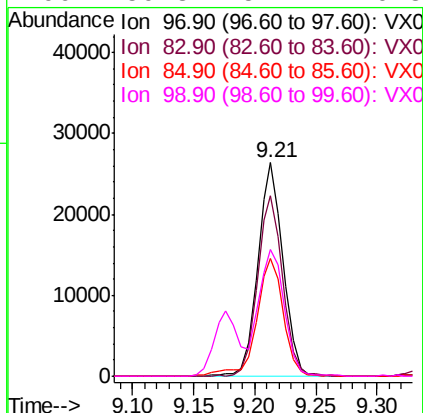
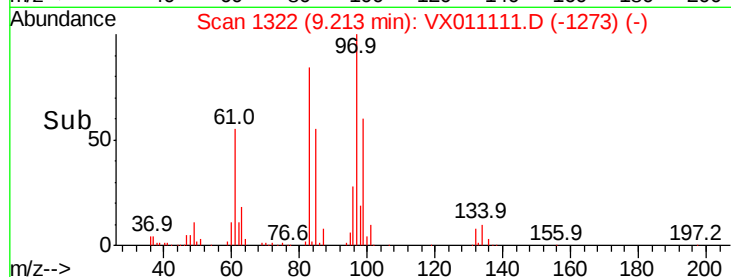
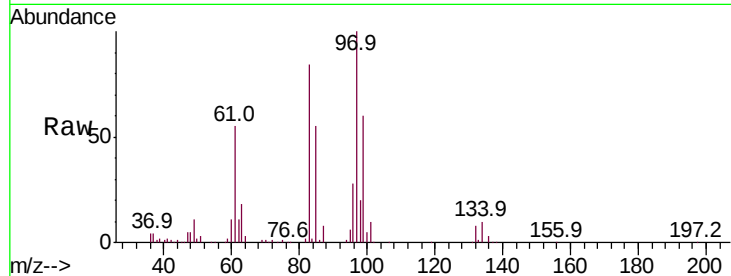
#55
1,1,2-Trichloroethane
Concen: 19.517 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. -0.00 min
Lab File: VX011111.D
Acq: 27 Jul 2019 00:23

Instrument :
MSVOA_X
ClientSampleId :
VX0726WBSD02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		37812		
83	84.2	69.2	103.8		
85	54.7	44.6	66.8		
99	59.3	51.2	76.8		

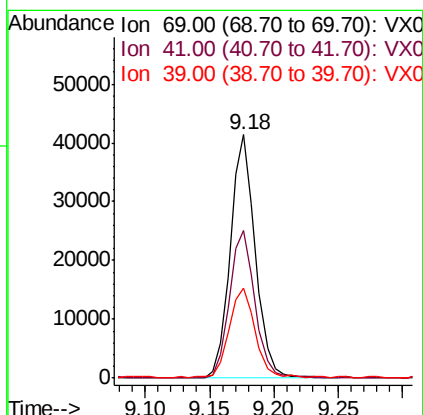
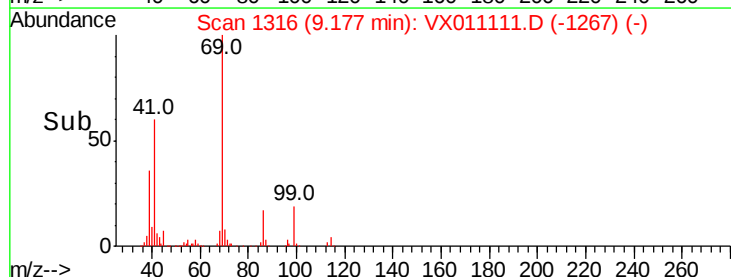
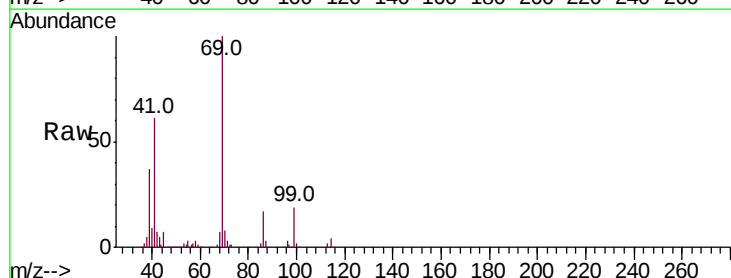
Manual Integrations
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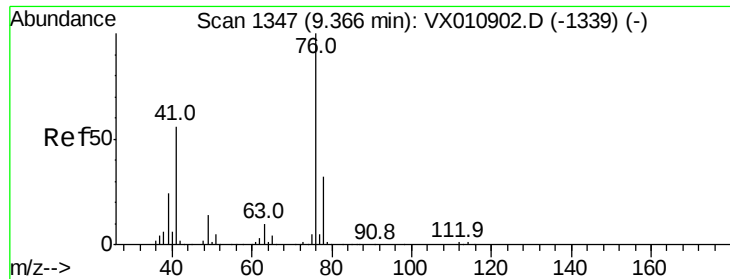
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#56
Ethyl methacrylate
Concen: 19.757 ug/l
RT: 9.18 min Scan# 1316
Delta R.T. -0.00 min
Lab File: VX011111.D
Acq: 27 Jul 2019 00:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		55991		
41	61.6	49.7	74.5		
39	37.4	29.6	44.4		





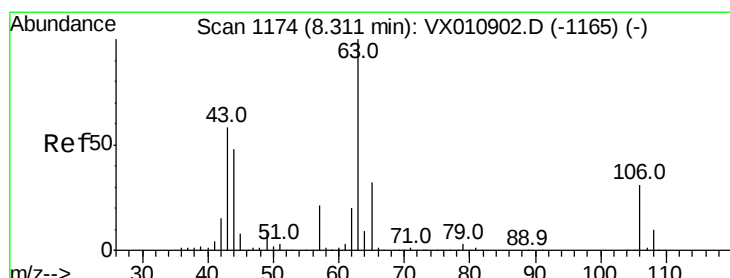
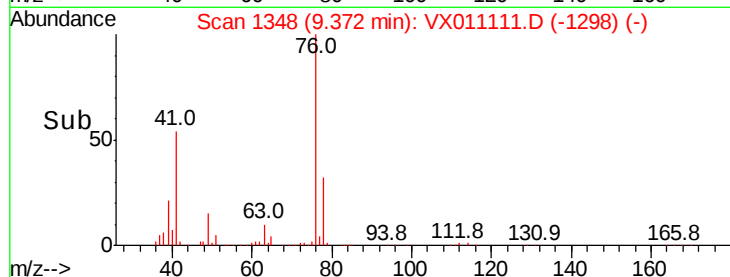
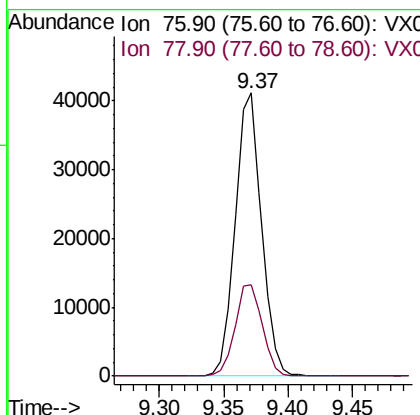
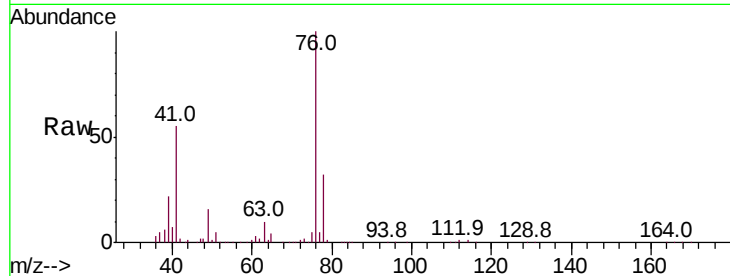
#57
 1,3-Dichloropropane
 Concen: 19.063 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.01 min
 Lab File: VX011111.D
 Acq: 27 Jul 2019 00:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0726WBSD02

Tot Ion: 76 Resp: 58590
 Ion Ratio Lower Upper
 76 100
 78 33.6 25.6 38.4

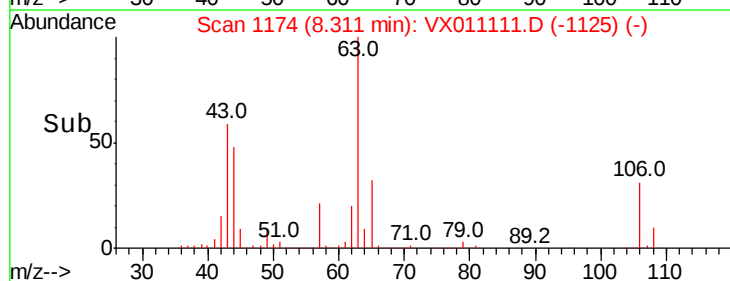
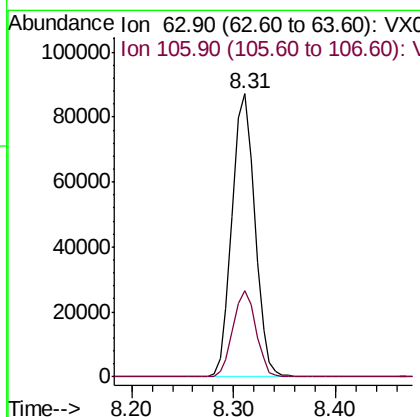
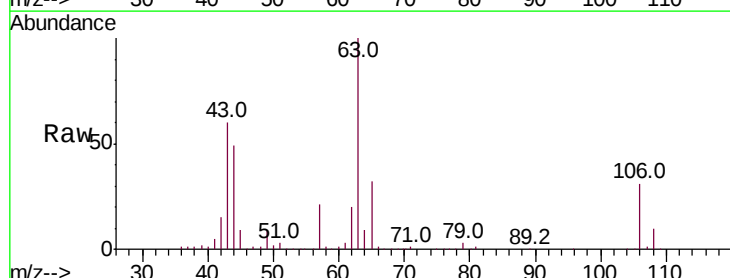
Manual Integrations
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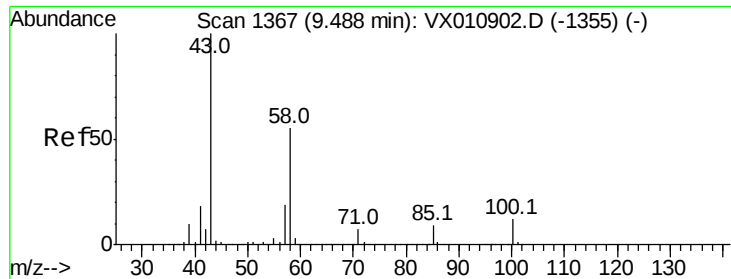
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#58
 2-Chloroethyl Vinyl ether
 Concen: 100.179 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX011111.D
 Acq: 27 Jul 2019 00:23

Tgt Ion: 63 Resp: 135524
 Ion Ratio Lower Upper
 63 100
 106 30.6 24.0 36.0





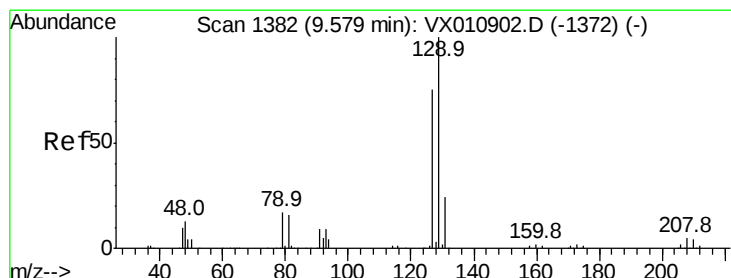
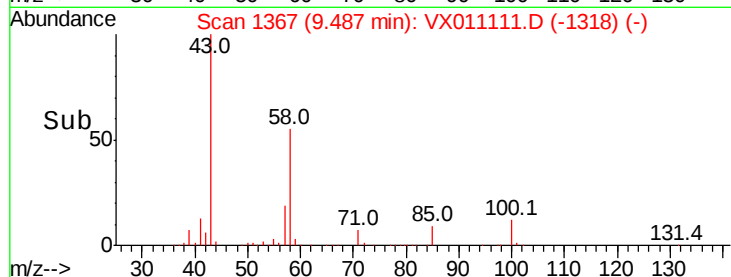
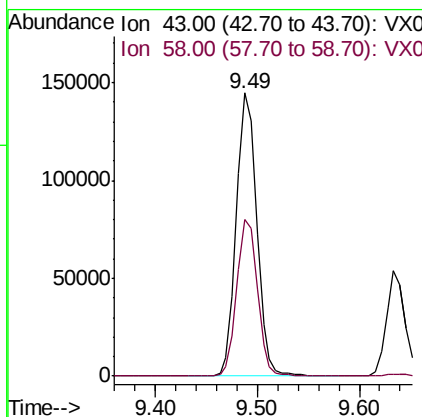
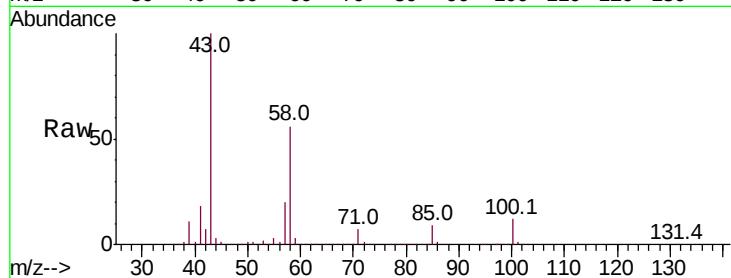
#59
2-Hexanone
Concen: 101.317 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX011111.D
Acq: 27 Jul 2019 00:23

Instrument :
MSVOA_X
ClientSampleId :
VX0726WBSD02

Tot Ion: 43 Resp: 200551
Ion Ratio Lower Upper
43 100
58 55.9 28.0 83.9

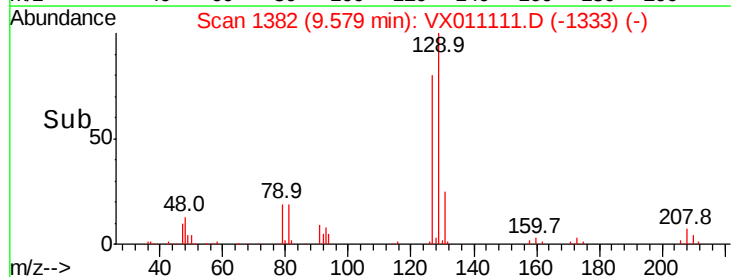
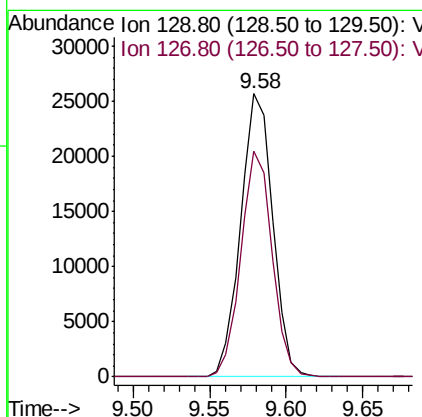
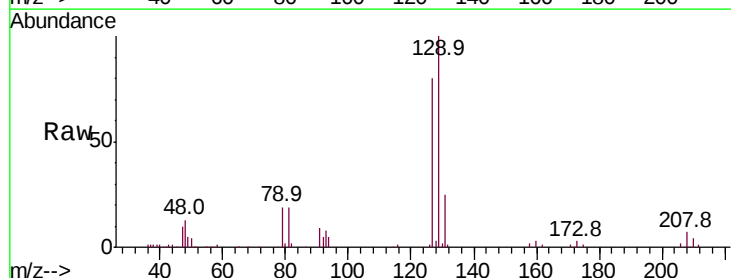
Manual Integrations
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#60
Dibromochloromethane
Concen: 18.468 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX011111.D
Acq: 27 Jul 2019 00:23

Tgt Ion: 129 Resp: 37434
Ion Ratio Lower Upper
129 100
127 77.6 38.6 115.8





#61

1,2-Dibromoethane

Concen: 19.748 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX011111.D

Acq: 27 Jul 2019 00:23

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBSD02

Tot Ion:107 Resp: 40603

Ion Ratio Lower Upper

107 100

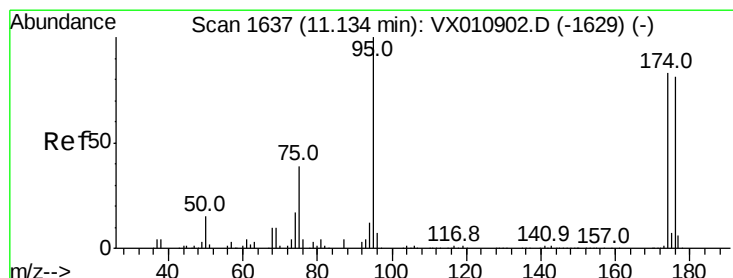
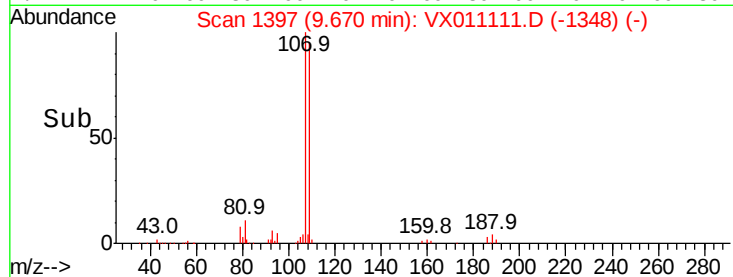
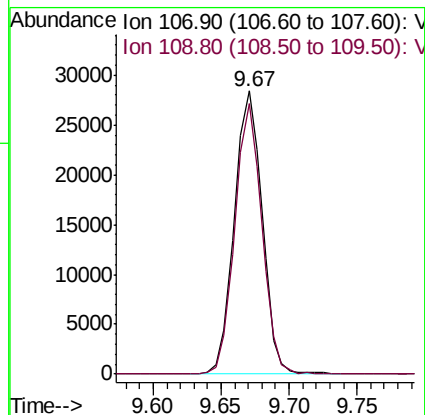
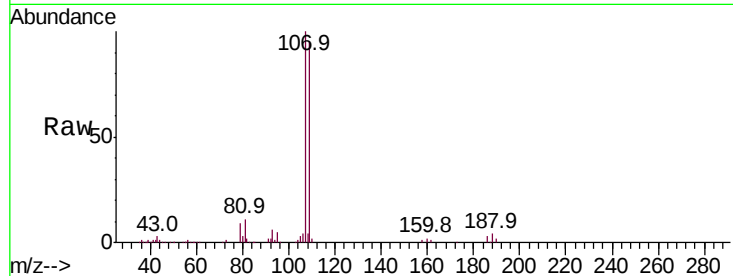
109 92.7 75.4 113.0

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 51.612 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011111.D

Acq: 27 Jul 2019 00:23

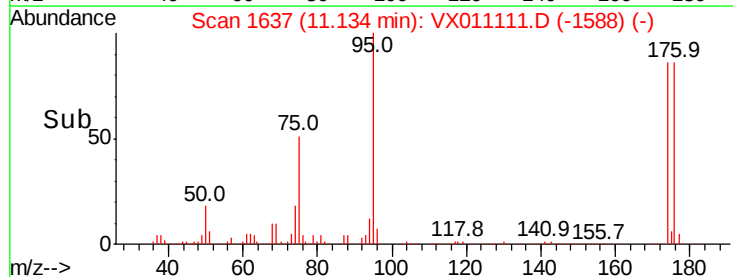
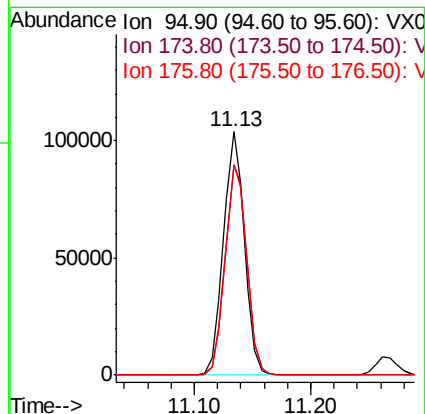
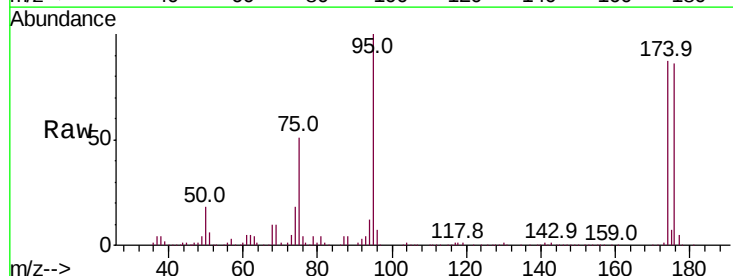
Tgt Ion: 95 Resp: 128561

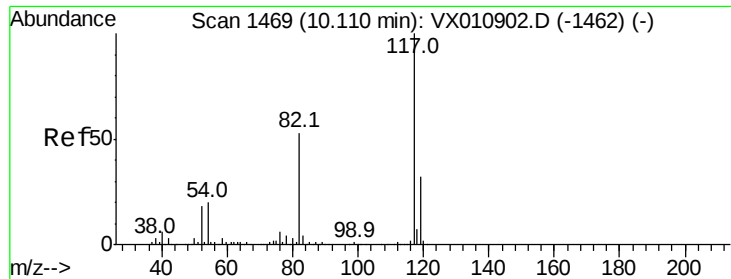
Ion Ratio Lower Upper

95 100

174 89.7 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: VX011111.D

Acq: 27 Jul 2019 00:23

Instrument :

MSVOA_X

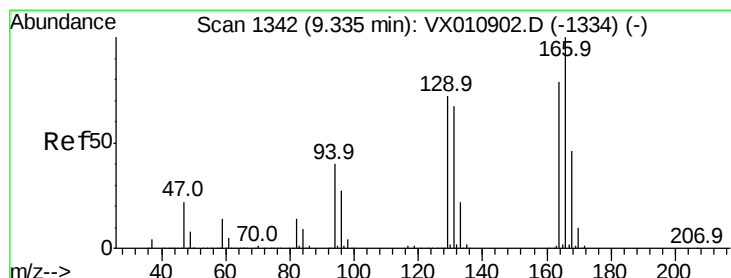
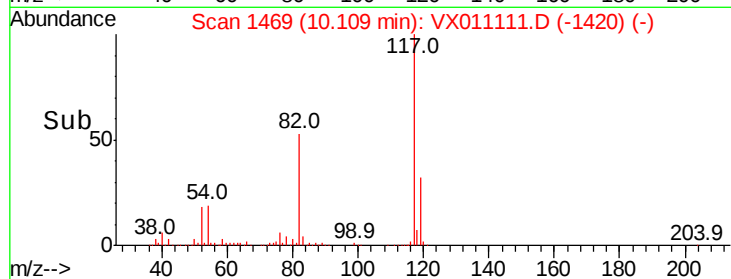
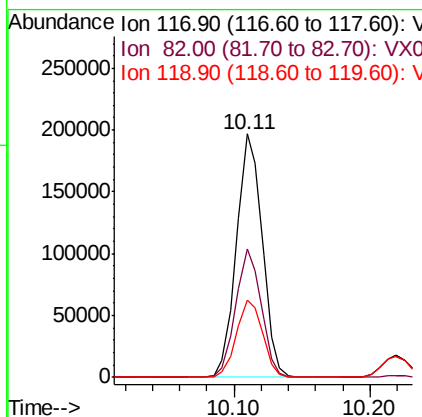
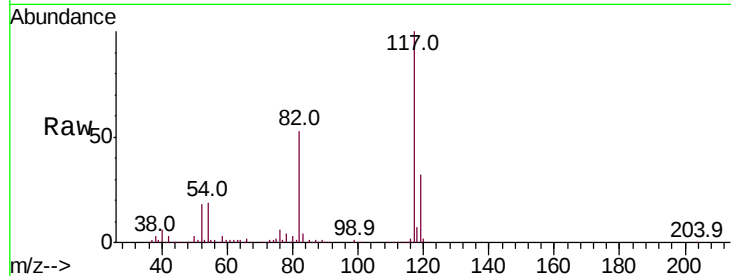
ClientSampleId :

VX0726WBSD02

Tot Ion:	117	Resp:	260189
Ion Ratio	Lower	Upper	
117	100		
82	52.7	42.6	63.8
119	31.6	25.9	38.9

Manual Integrations
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#64

Tetrachloroethene

Concen: 19.442 ug/l

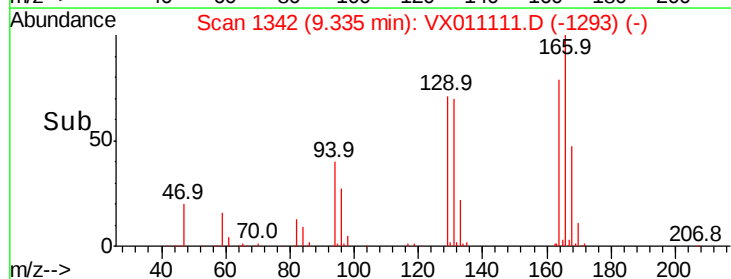
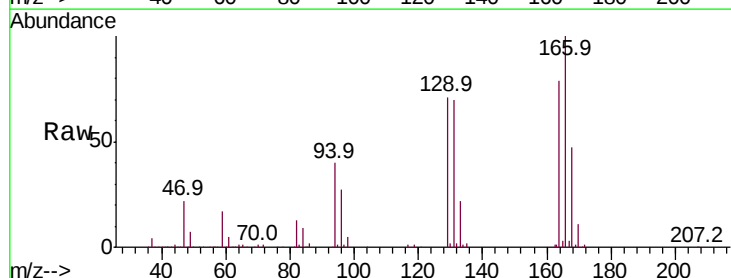
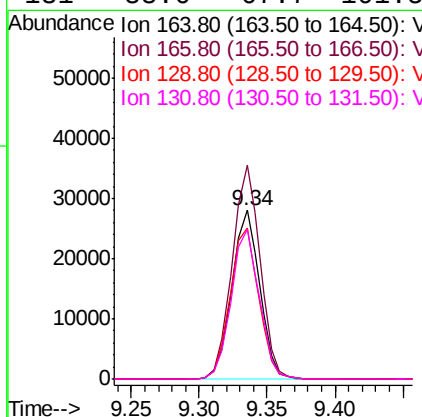
RT: 9.34 min Scan# 1342

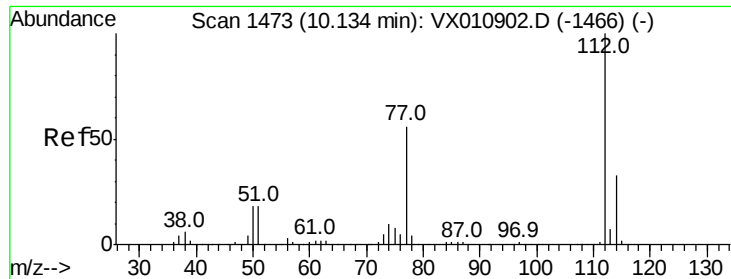
Delta R.T. -0.00 min

Lab File: VX011111.D

Acq: 27 Jul 2019 00:23

Tgt Ion:	164	Resp:	39796
Ion Ratio	Lower	Upper	
164	100		
166	126.7	100.8	151.2
129	89.5	72.6	109.0
131	88.6	67.7	101.5





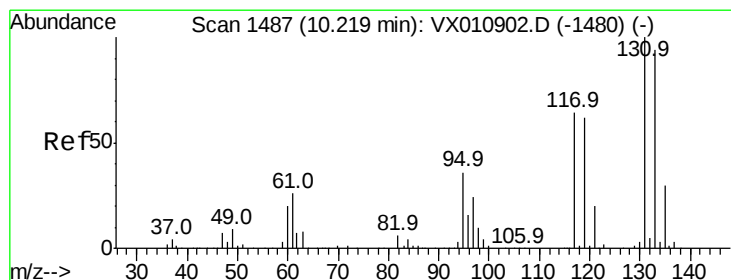
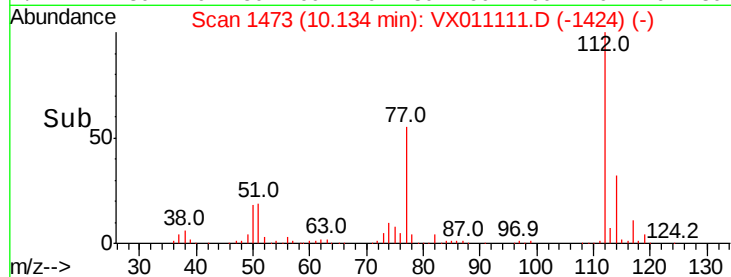
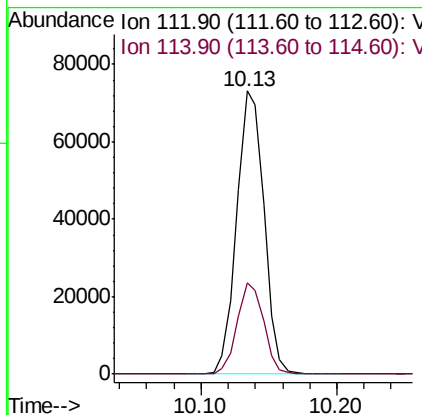
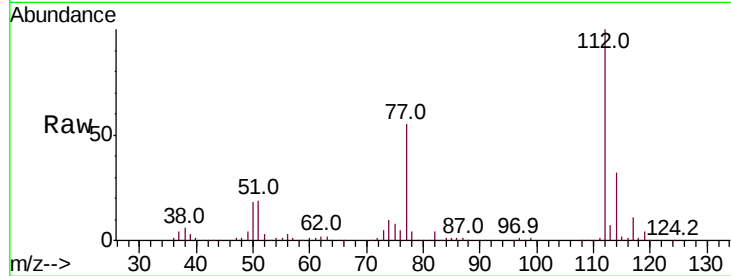
#65
Chlorobenzene
Concen: 19.124 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX011111.D
Acq: 27 Jul 2019 00:23

Instrument :
MSVOA_X
ClientSampleId :
VX0726WBSD02

Tot Ion:112 Resp: 102202
Ion Ratio Lower Upper
112 100
114 32.4 26.2 39.4

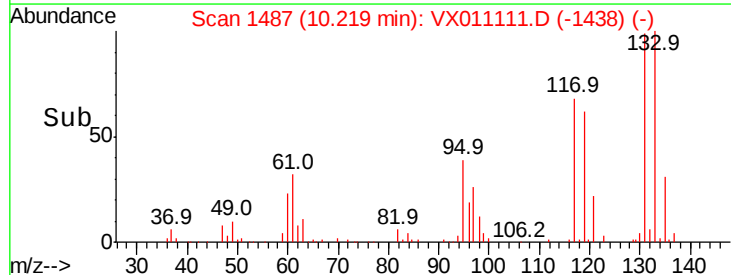
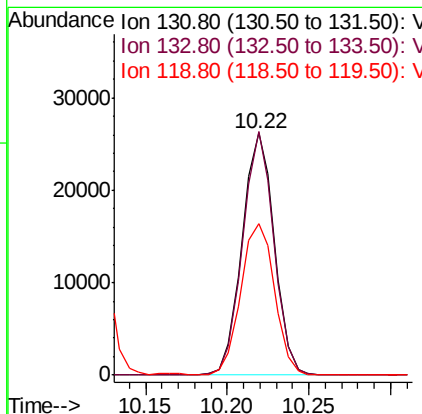
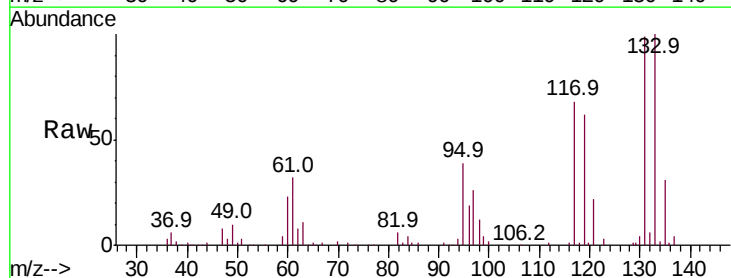
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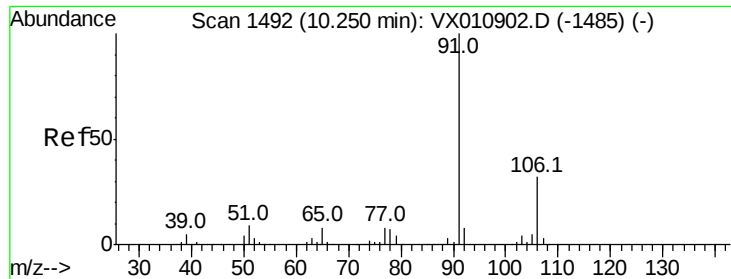
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.102 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX011111.D
Acq: 27 Jul 2019 00:23

Tgt Ion:131 Resp: 35877
Ion Ratio Lower Upper
131 100
133 97.9 47.1 141.4
119 66.1 31.9 95.7





#67

Ethyl Benzene

Concen: 18.803 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX011111.D

Acq: 27 Jul 2019 00:23

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBSD02

Tot Ion: 91 Resp: 171033

Ion Ratio Lower Upper

91 100

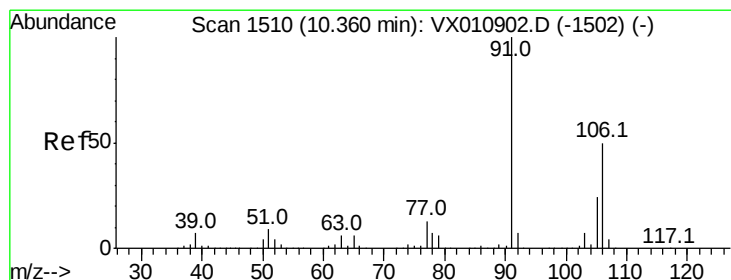
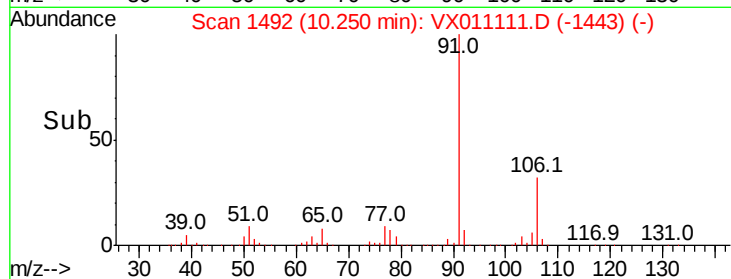
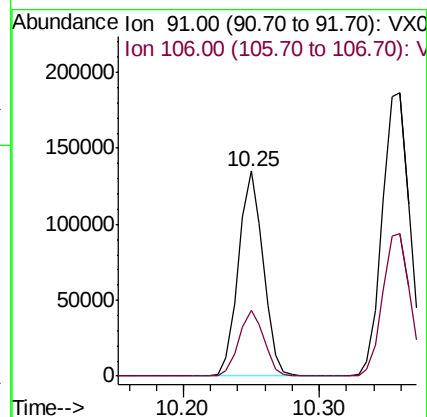
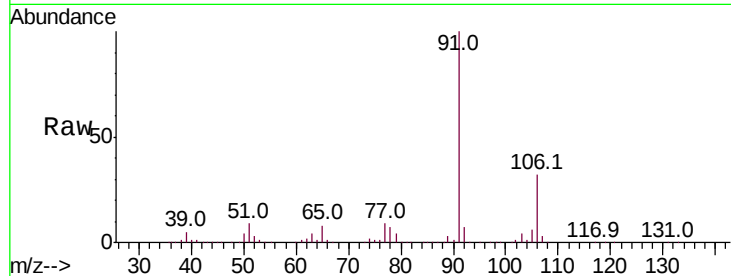
106 31.8 25.4 38.2

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#68

m/p-Xylenes

Concen: 37.697 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX011111.D

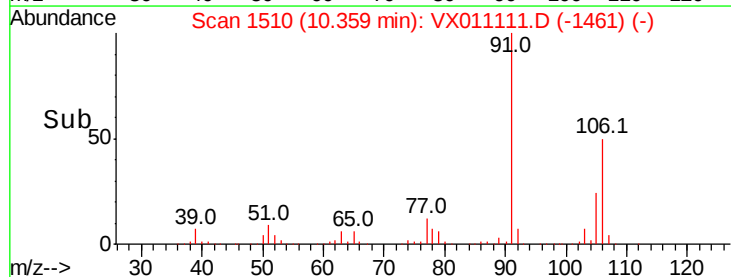
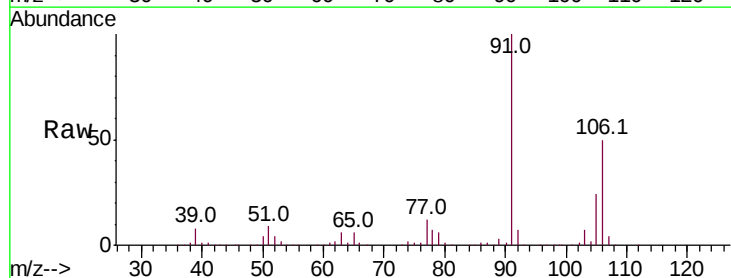
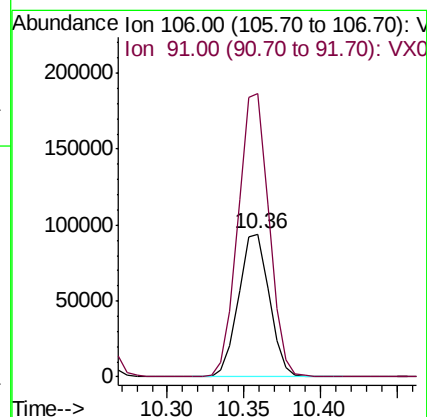
Acq: 27 Jul 2019 00:23

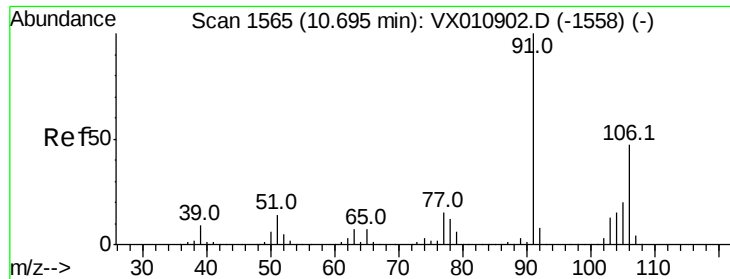
Tgt Ion: 106 Resp: 131535

Ion Ratio Lower Upper

106 100

91 199.1 160.1 240.1





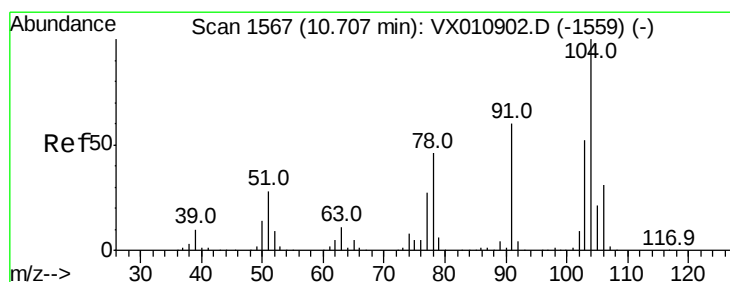
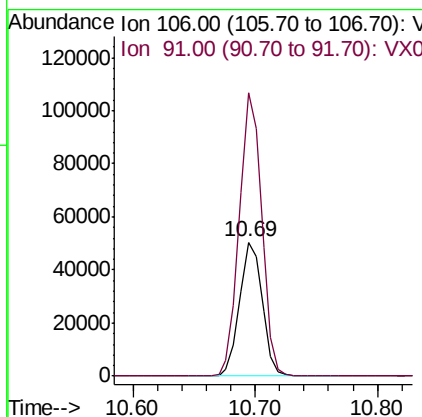
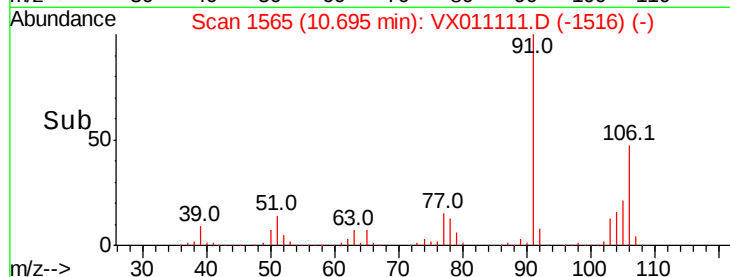
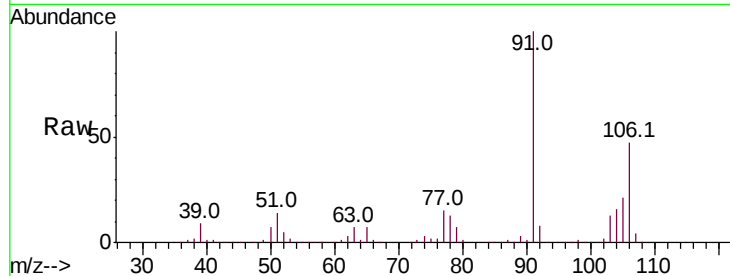
#69
o-Xylene
Concen: 19.000 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX011111.D
Acq: 27 Jul 2019 00:23

Instrument :
MSVOA_X
ClientSampleId :
VX0726WBSD02

Tot Ion:106 Resp: 64700
Ion Ratio Lower Upper
106 100
91 209.4 105.1 315.3

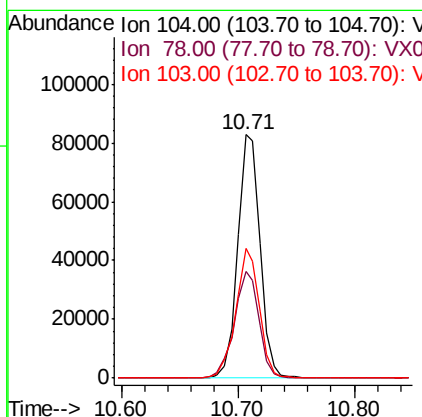
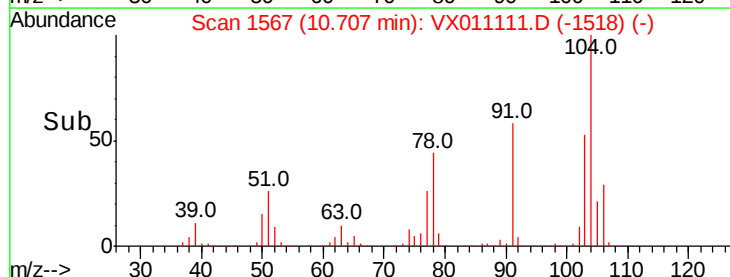
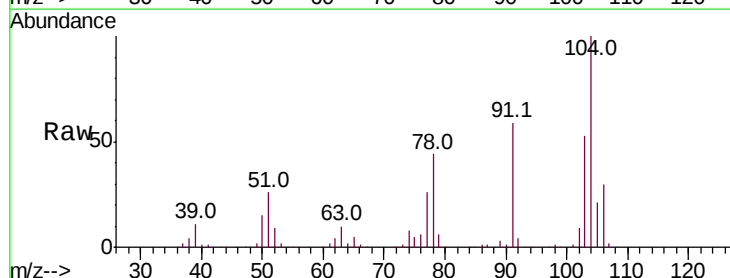
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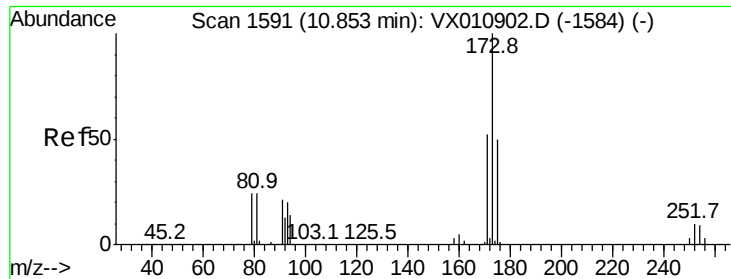
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#70
Styrene
Concen: 19.534 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX011111.D
Acq: 27 Jul 2019 00:23

Tgt Ion:104 Resp: 110889
Ion Ratio Lower Upper
104 100
78 48.3 38.8 58.2
103 55.8 44.2 66.4





#71

Bromoform

Concen: 17.812 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX011111.D

Acq: 27 Jul 2019 00:23

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBSD02

Tot Ion:173 Resp: 27503

Ion Ratio Lower Upper

173 100

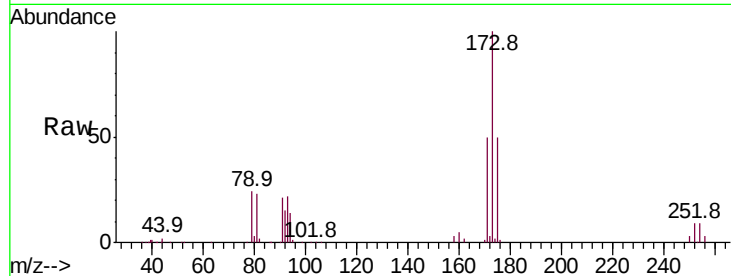
175 48.5 24.6 73.6

254 0.0 0.1 0.1#

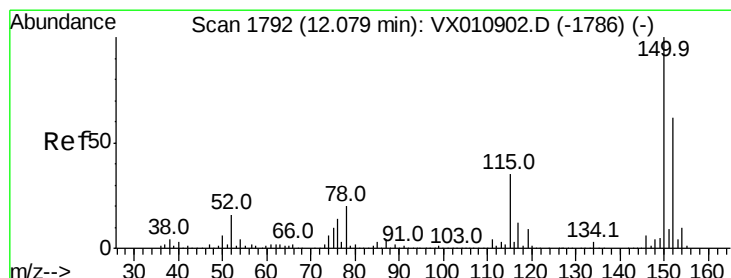
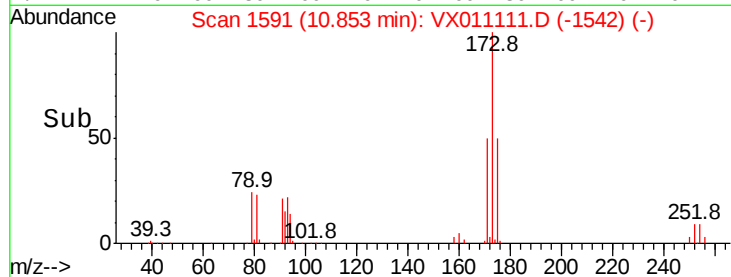
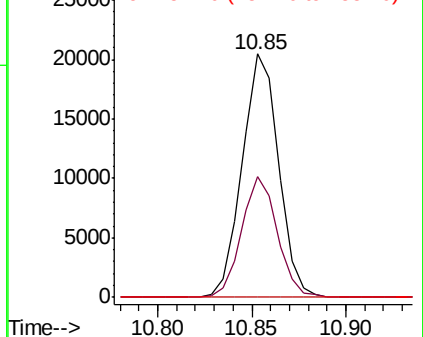
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX011111.D

Acq: 27 Jul 2019 00:23

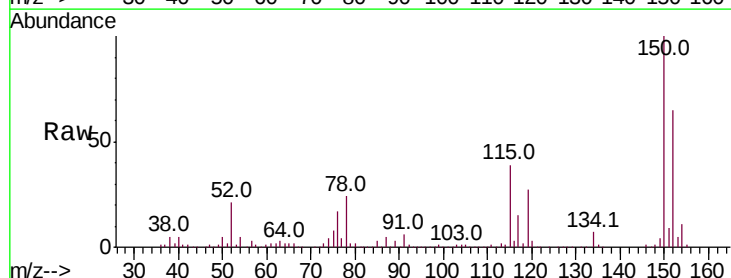
Tgt Ion:152 Resp: 135256

Ion Ratio Lower Upper

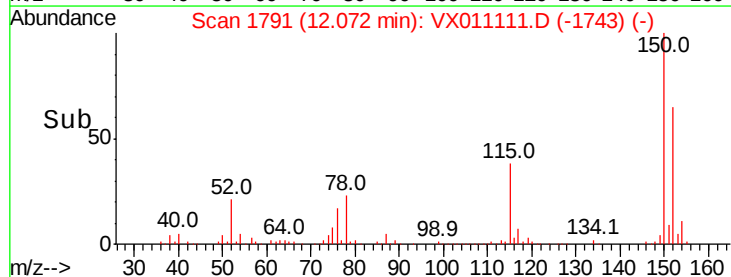
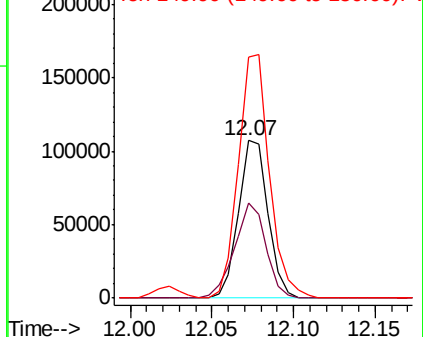
152 100

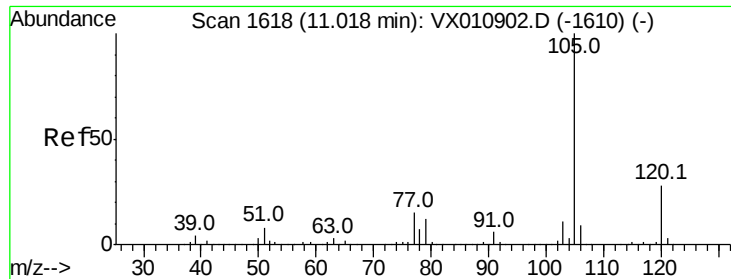
115 64.3 39.7 119.1

150 162.5 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: 19.278 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX011111.D

Acq: 27 Jul 2019 00:23

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBSD02

Tot Ion: 105 Resp: 176185

Ion Ratio Lower Upper

105 100

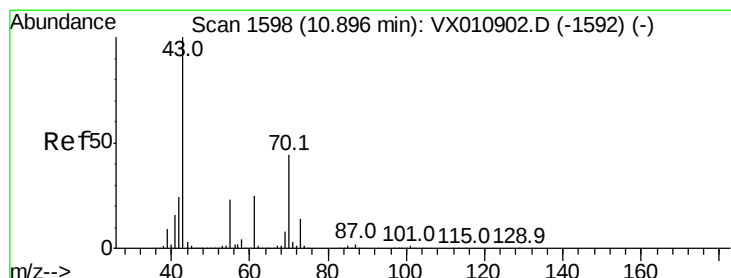
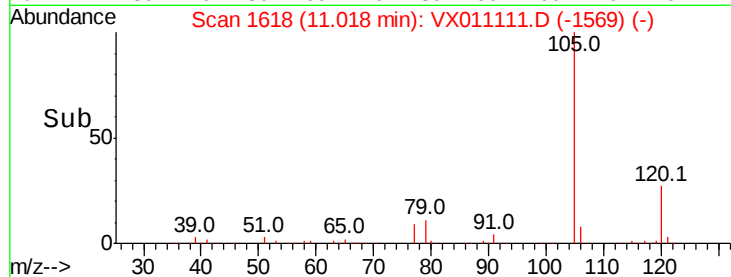
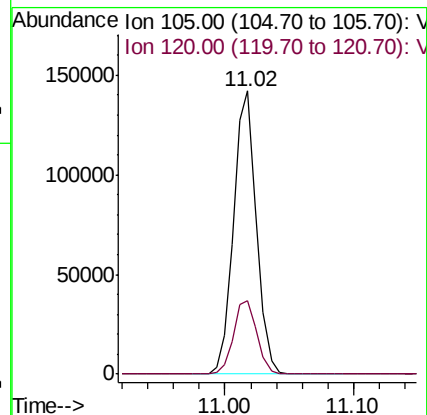
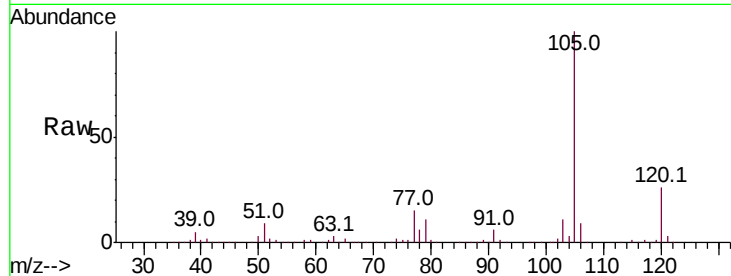
120 26.9 13.7 41.1

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#74

N-ethyl acetate

Concen: 19.599 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX011111.D

Acq: 27 Jul 2019 00:23

Tgt Ion: 43 Resp: 68440

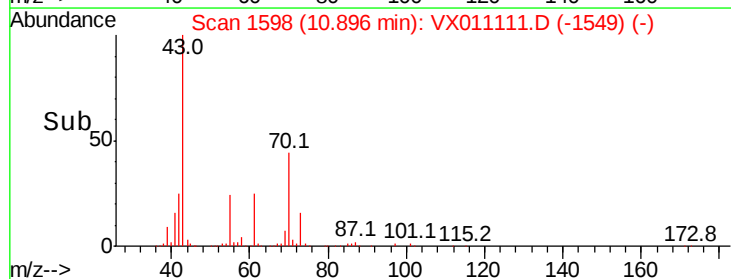
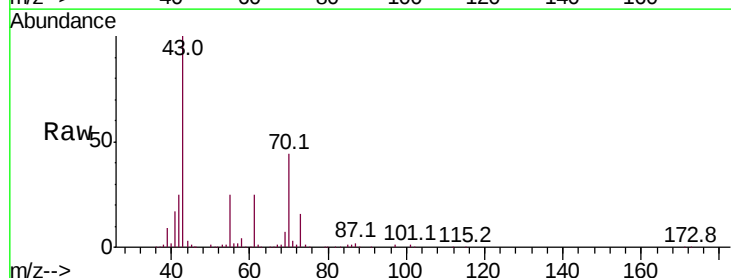
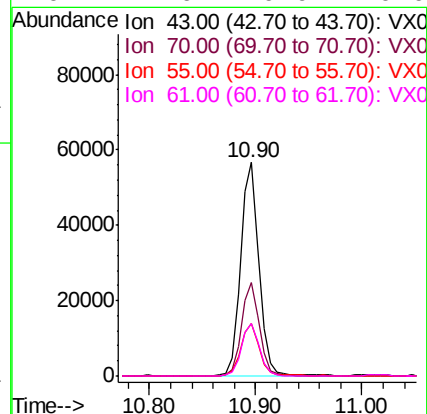
Ion Ratio Lower Upper

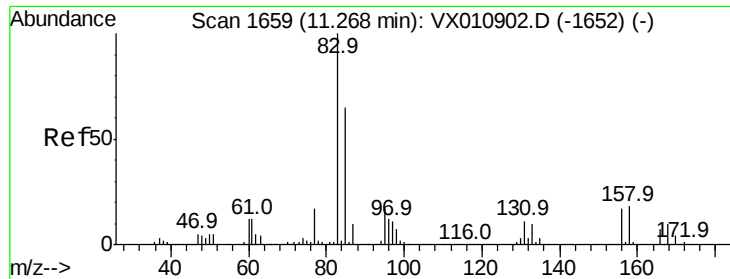
43 100

70 42.5 34.7 52.1

55 24.9 19.1 28.7

61 24.6 19.9 29.9





#75

1,1,2,2-Tetrachloroethane

Concen: 19.829 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX011111.D

Acq: 27 Jul 2019 00:23

Instrument :

MSVOA_X

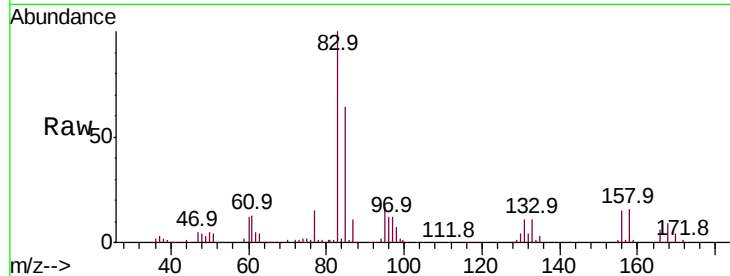
ClientSampleId :

VX0726WBSD02

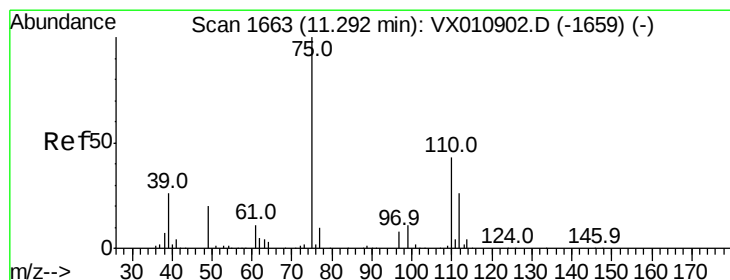
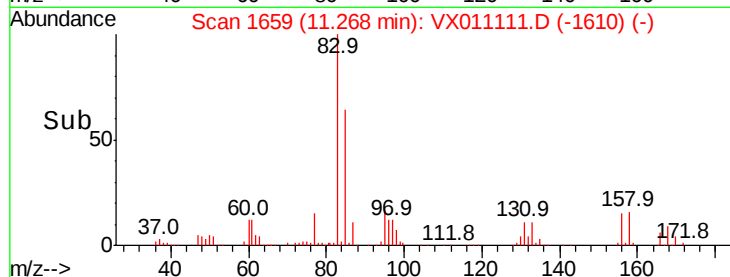
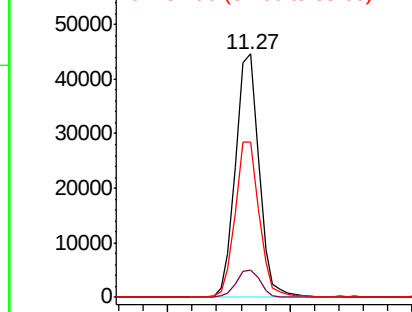
Tot Ion:	83	Resp:	59305
Ion Ratio	Lower	Upper	
83	100		
131	11.3	5.5	16.4
85	65.4	32.3	96.9

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Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 20.432 ug/l m

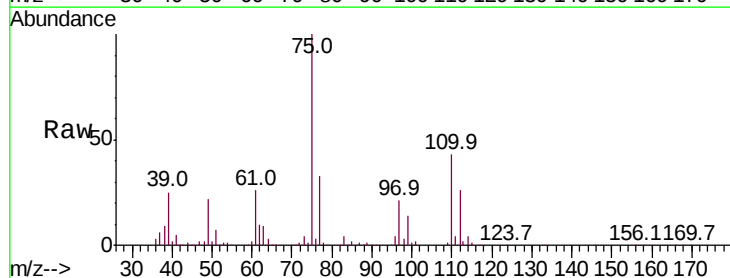
RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

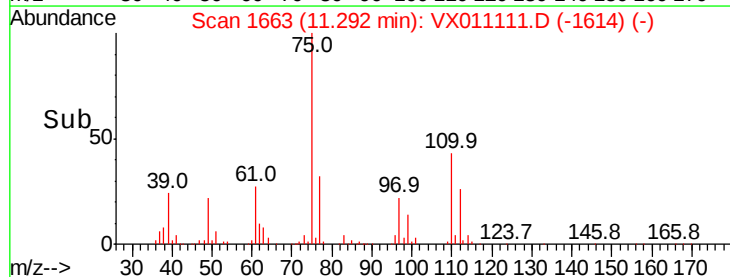
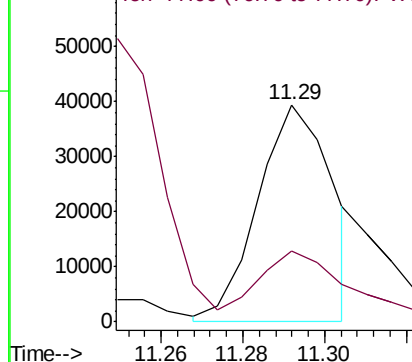
Lab File: VX011111.D

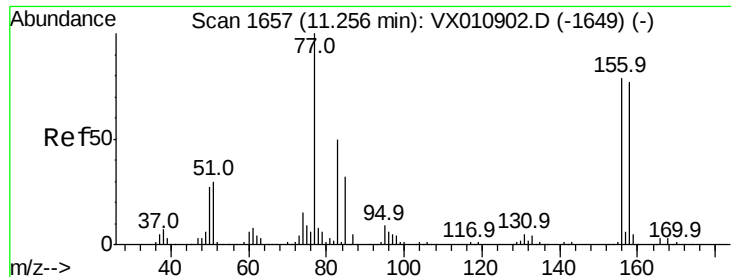
Acq: 27 Jul 2019 00:23

Tgt Ion:	75	Resp:	49869
Ion Ratio	Lower	Upper	
75	100		
77	40.9	21.3	64.0



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.087 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX011111.D

Acq: 27 Jul 2019 00:23

Instrument :

MSVOA_X

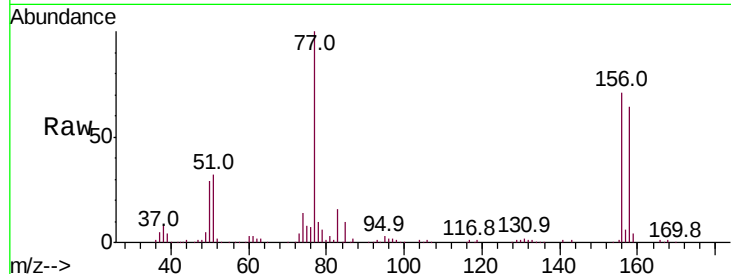
ClientSampleId :

VX0726WBSD02

Tot Ion	Ratio	Lower	Upper
156	100		
77	136.2	68.7	206.1
158	94.6	47.9	143.7

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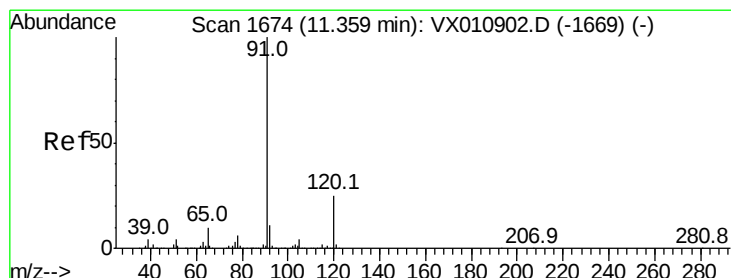
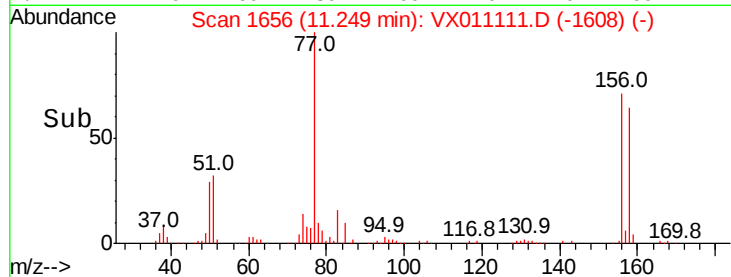
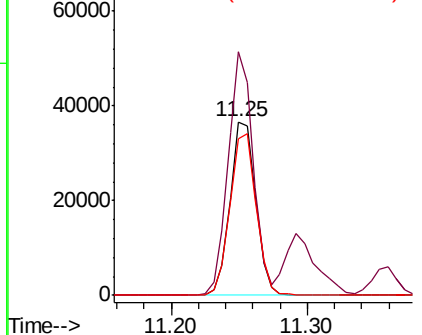
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.998 ug/l

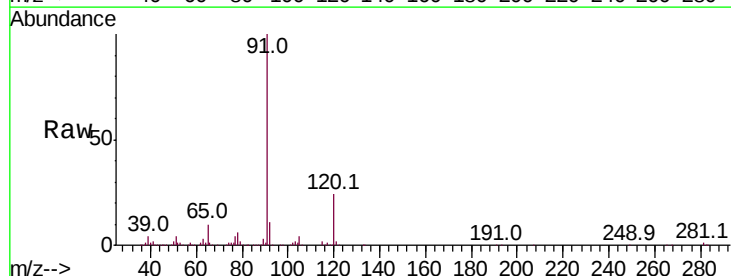
RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX011111.D

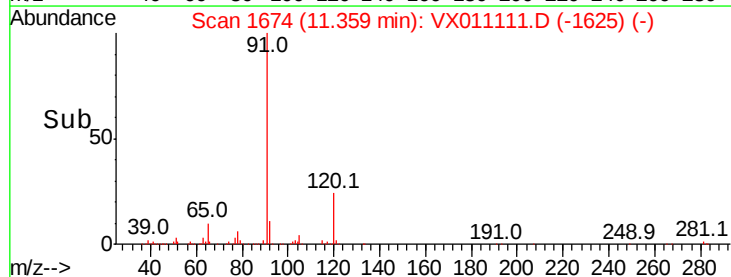
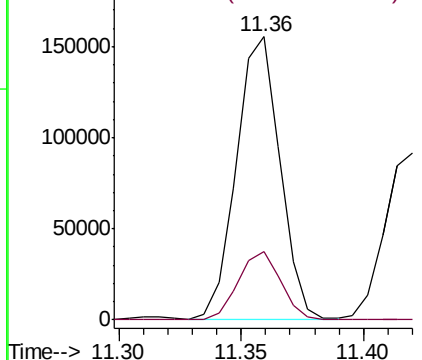
Acq: 27 Jul 2019 00:23

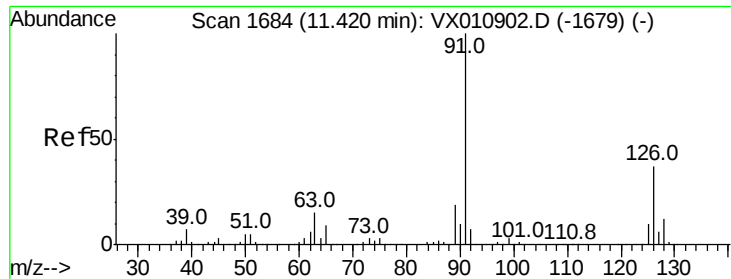
Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.8	12.3	36.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.148 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX011111.D

Acq: 27 Jul 2019 00:23

Instrument :

MSVOA_X

ClientSampled :

VX0726WBSD02

Tot Ion: 91 Resp: 116152

Ion Ratio Lower Upper

91 100

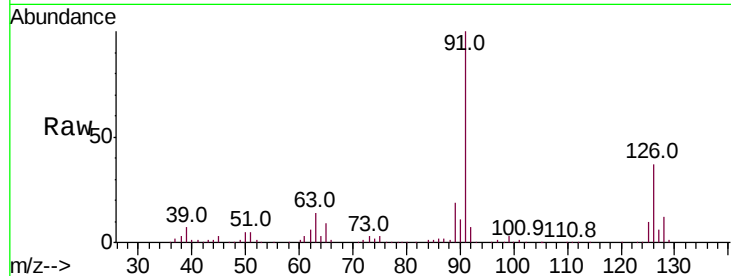
126 37.2 18.0 54.0

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Abundance Ion 91.00 (90.70 to 91.70): VX010902.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX010902.D (-1679) (-)

150000

100000

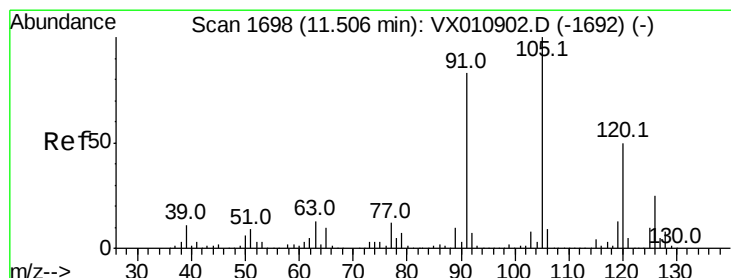
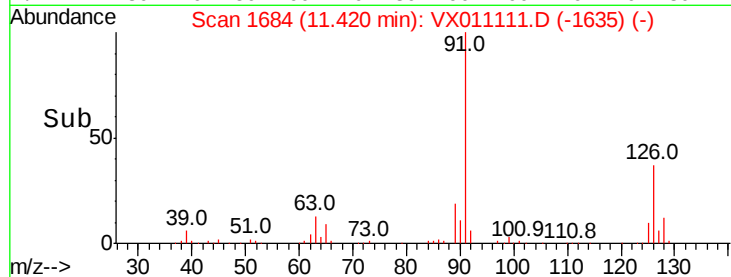
50000

0

11.42

11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 19.044 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX011111.D

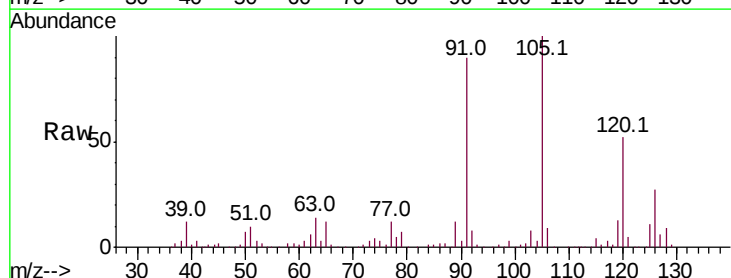
Acq: 27 Jul 2019 00:23

Tgt Ion: 105 Resp: 145432

Ion Ratio Lower Upper

105 100

120 50.5 24.6 73.8



Abundance Ion 105.00 (104.70 to 105.70): VX010902.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX010902.D (-1692) (-)

100000

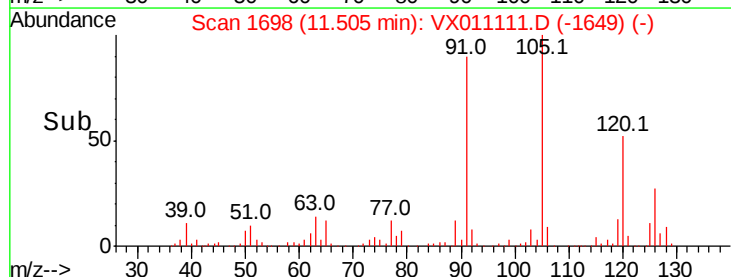
50000

0

11.51

11.60

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 16.865 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX011111.D

Acq: 27 Jul 2019 00:23

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBSD02

Tot Ion: 75 Resp: 13487

Ion Ratio Lower Upper

75 100

53 106.3 76.7 115.1

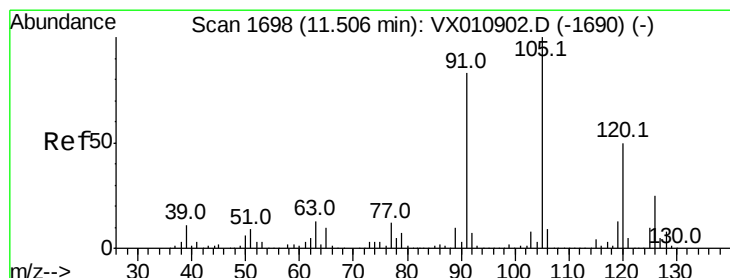
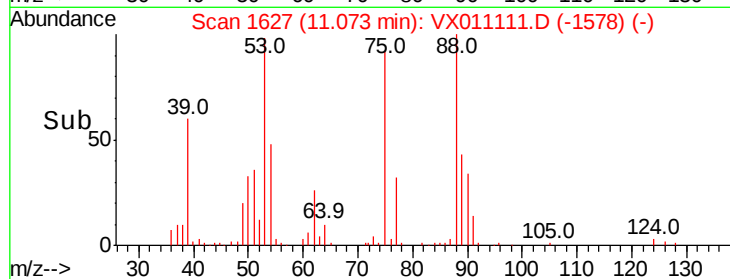
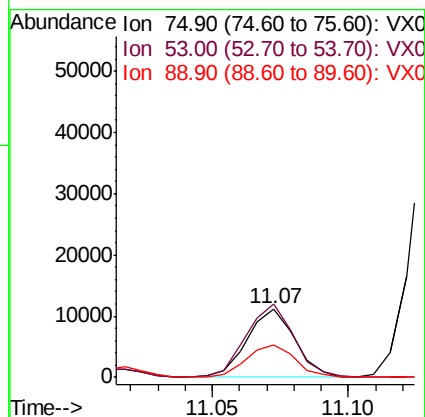
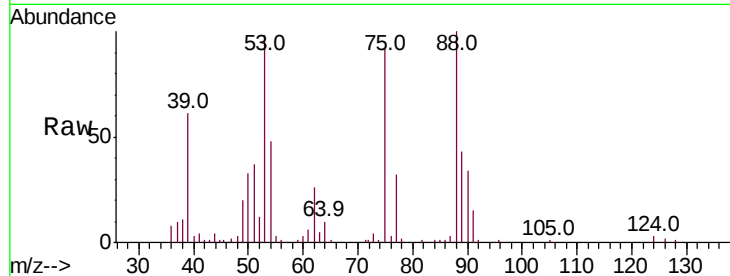
89 48.7 38.5 57.7

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#82

4-Chlorotoluene

Concen: 18.916 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX011111.D

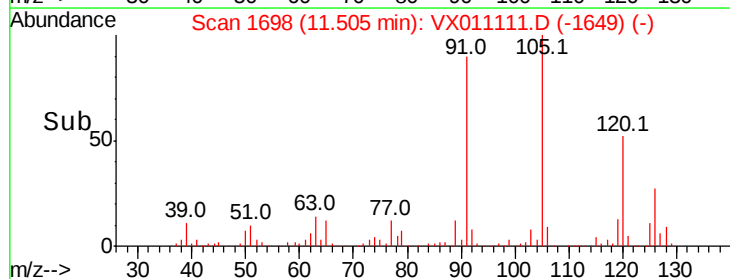
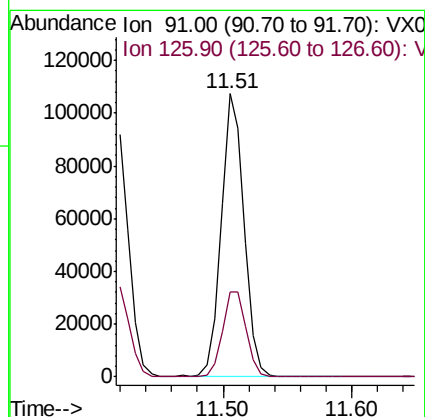
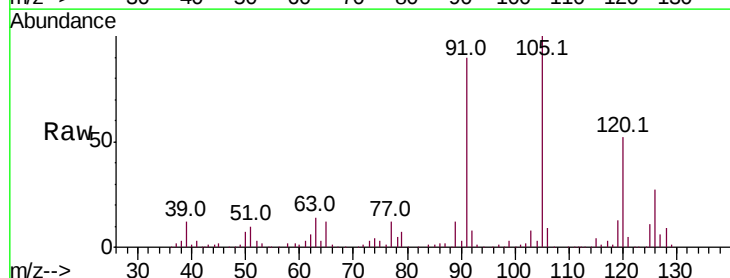
Acq: 27 Jul 2019 00:23

Tgt Ion: 91 Resp: 133556

Ion Ratio Lower Upper

91 100

126 31.7 15.9 47.7





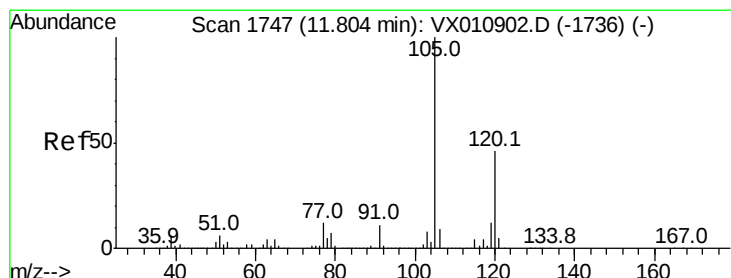
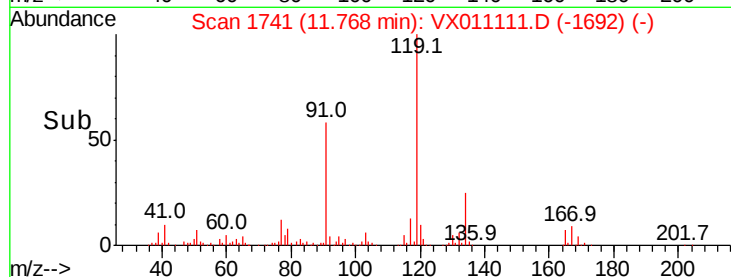
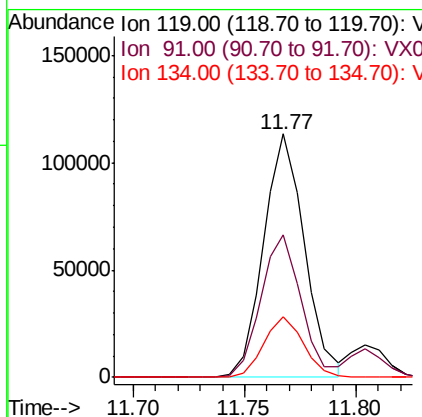
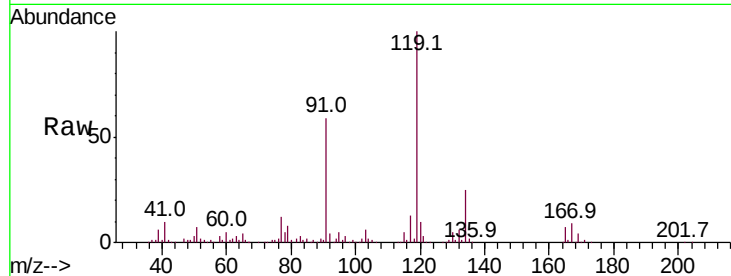
#83
tert-Butylbenzene
Concen: 19.288 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX011111.D
Acq: 27 Jul 2019 00:23

Instrument :
MSVOA_X
ClientSampleId :
VX0726WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	144680		
91	58.2		28.6	85.8
134	24.2		11.6	34.8

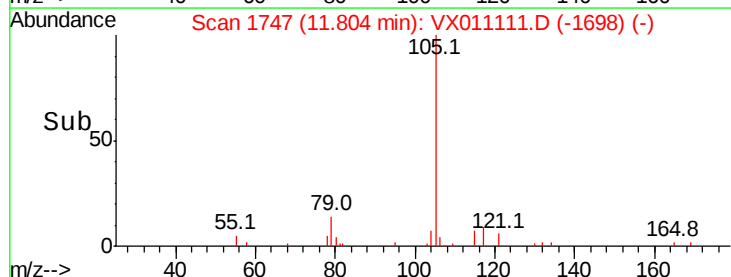
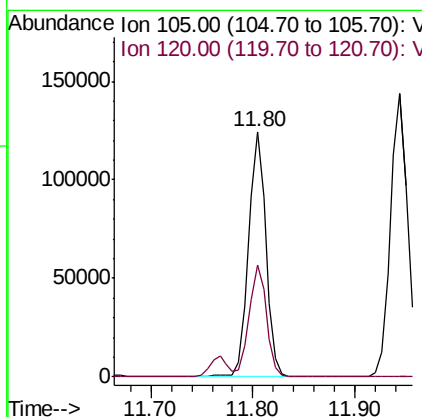
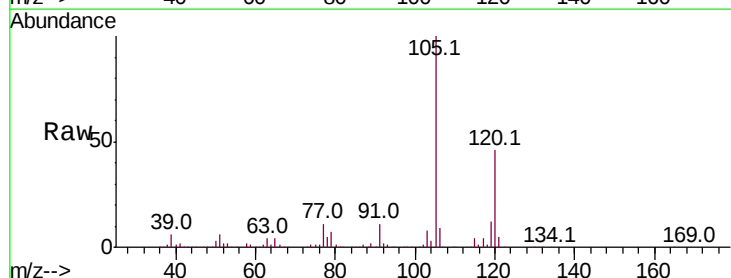
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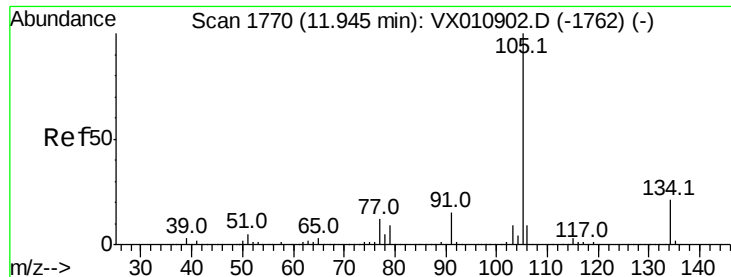
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#84
1,2,4-Trimethylbenzene
Concen: 19.242 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX011111.D
Acq: 27 Jul 2019 00:23

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	148106		
120	45.8		22.9	68.5





#85

sec-Butylbenzene

Concen: 19.318 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX011111.D

Acq: 27 Jul 2019 00:23

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBSD02

Tot Ion:105 Resp: 169796

Ion Ratio Lower Upper

105 100

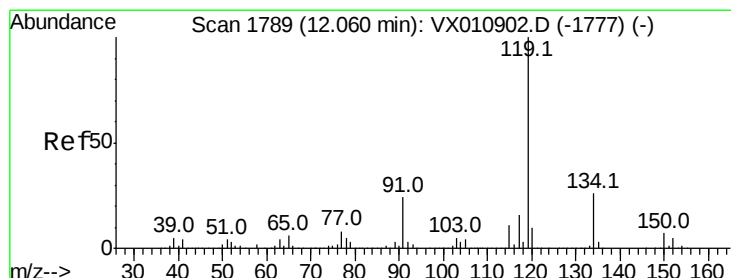
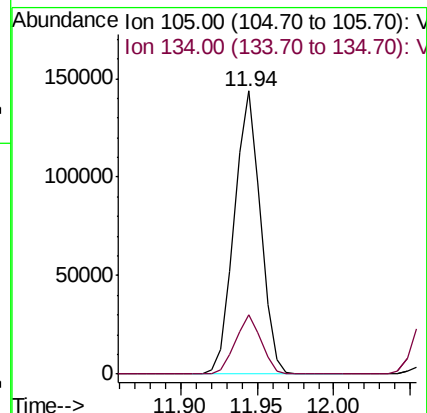
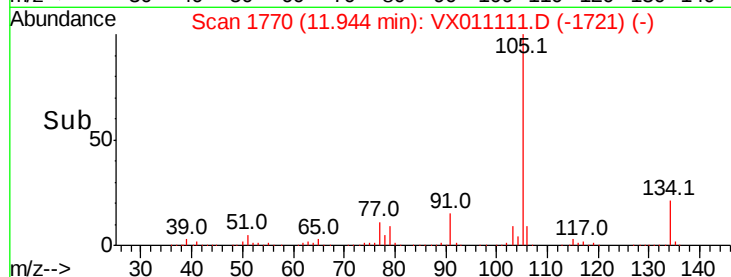
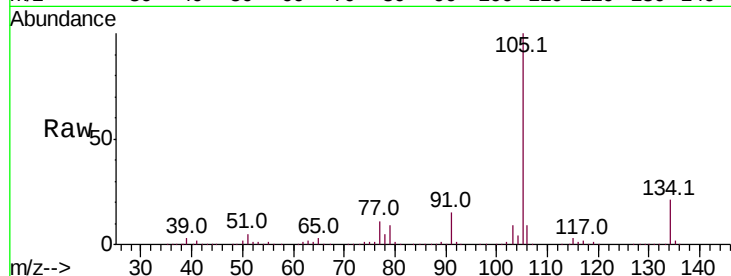
134 20.7 10.4 31.4

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#86

p-Isopropyltoluene

Concen: 19.326 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX011111.D

Acq: 27 Jul 2019 00:23

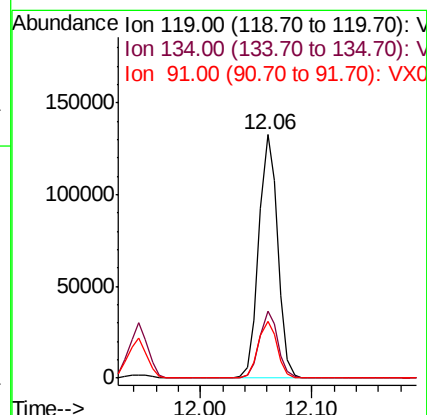
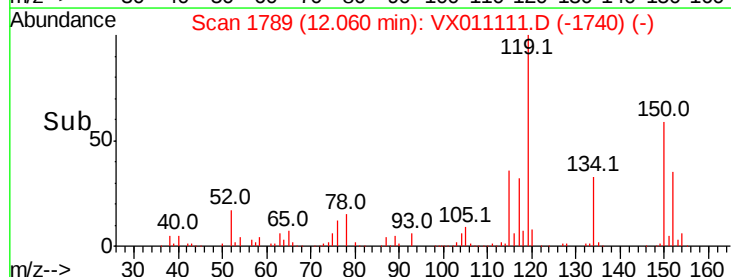
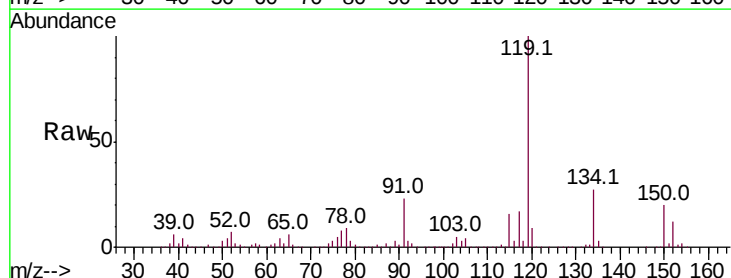
Tgt Ion:119 Resp: 157041

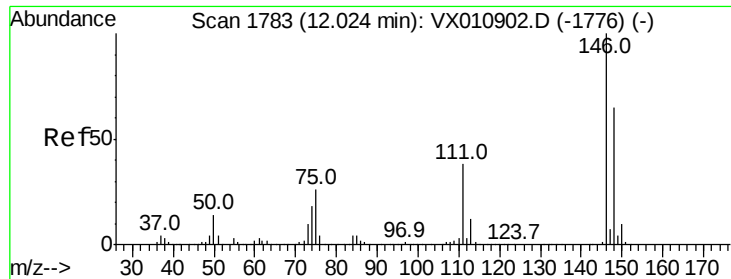
Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.1

91 23.7 11.8 35.4





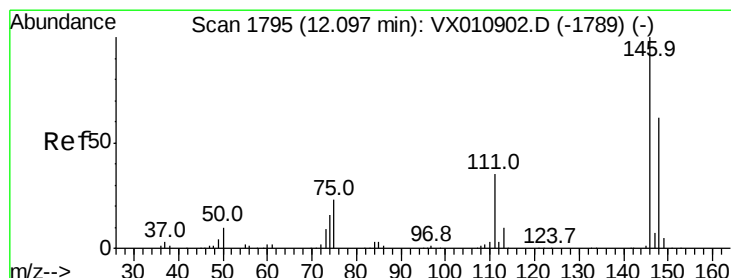
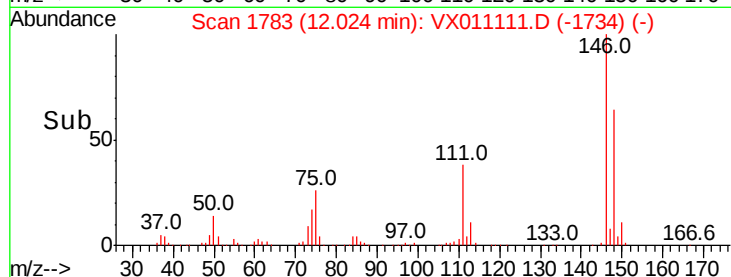
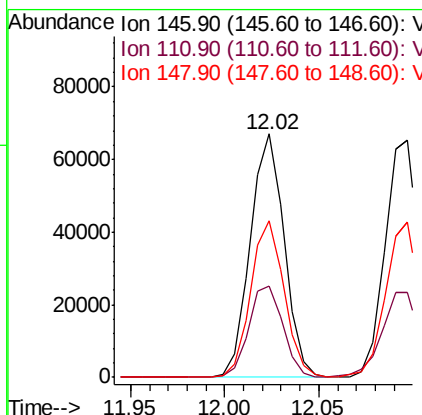
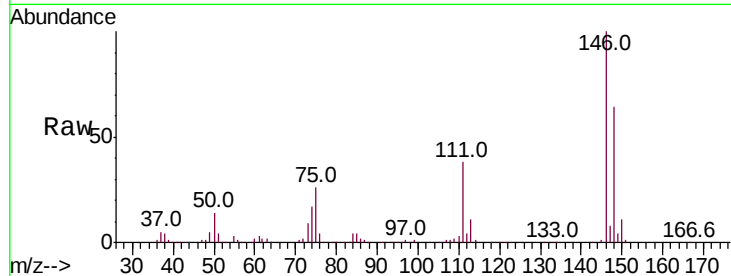
#87
 1,3-Dichlorobenzene
 Concen: 19.200 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX011111.D
 Acq: 27 Jul 2019 00:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0726WBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	18.9	56.9
148	62.8	32.2	96.6

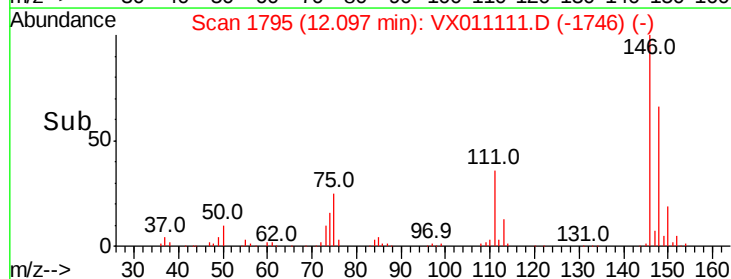
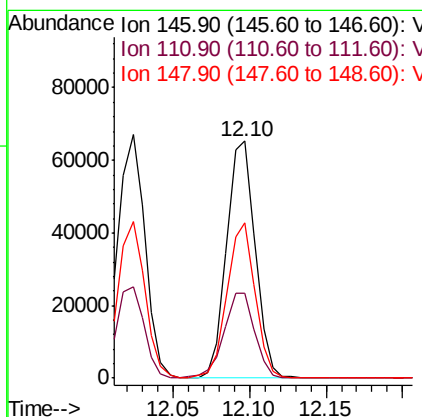
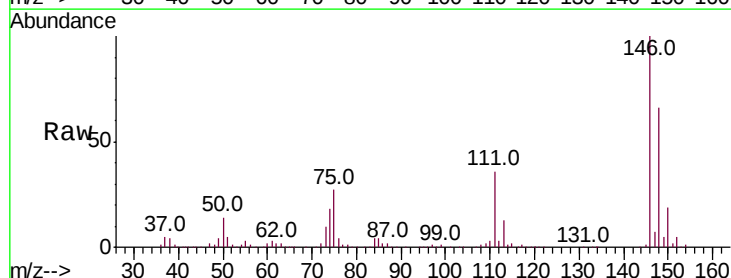
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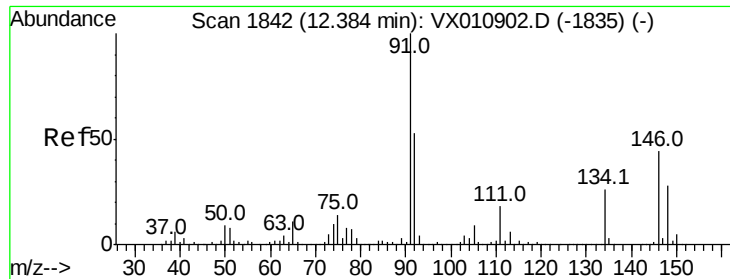
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#88
 1,4-Dichlorobenzene
 Concen: 18.790 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX011111.D
 Acq: 27 Jul 2019 00:23

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.9	18.6	55.8
148	64.5	31.6	94.7





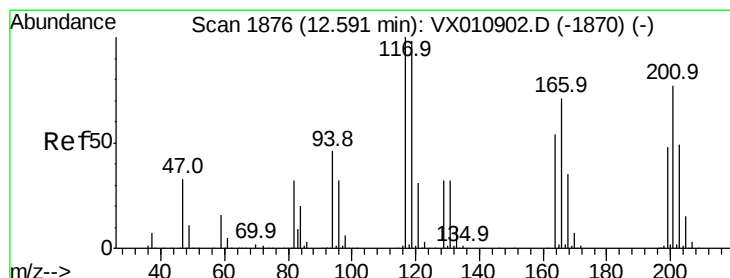
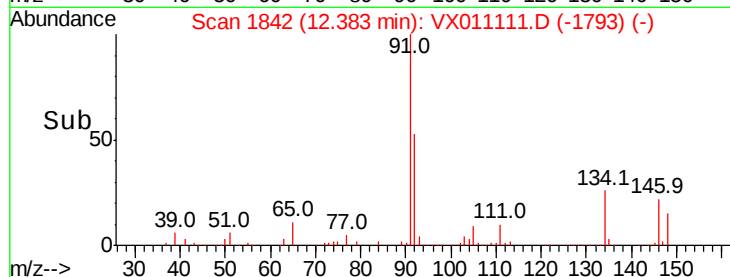
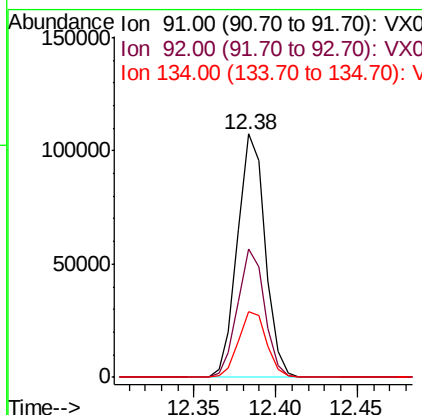
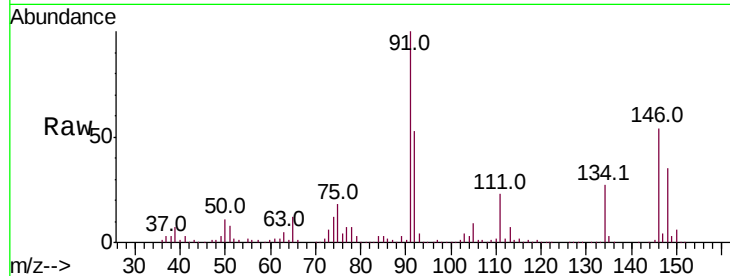
#89
n-Butylbenzene
Concen: 18.368 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX011111.D
Acq: 27 Jul 2019 00:23

Instrument :
MSVOA_X
ClientSampleId :
VX0726WBSD02

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.7	26.2	78.5
134	27.3	13.8	41.3

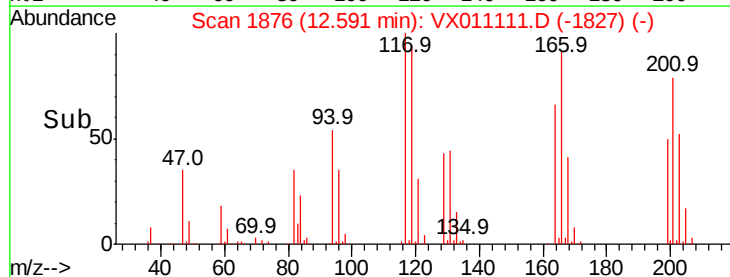
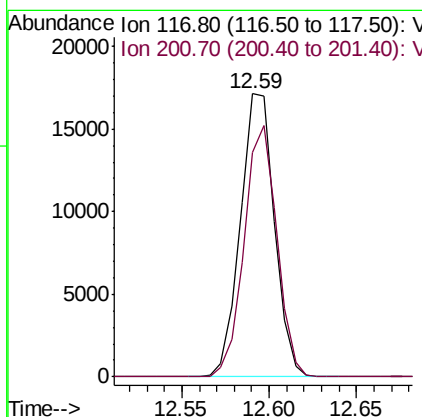
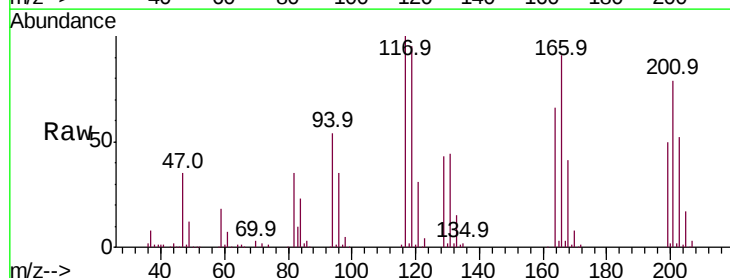
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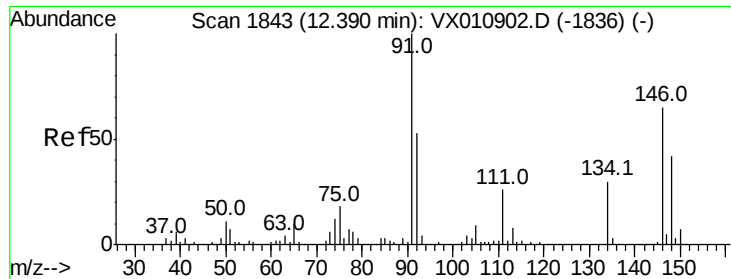
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#90
Hexachloroethane
Concen: 18.102 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.00 min
Lab File: VX011111.D
Acq: 27 Jul 2019 00:23

Tgt Ion	Ratio	Lower	Upper
117	100		
201	85.1	43.3	129.8





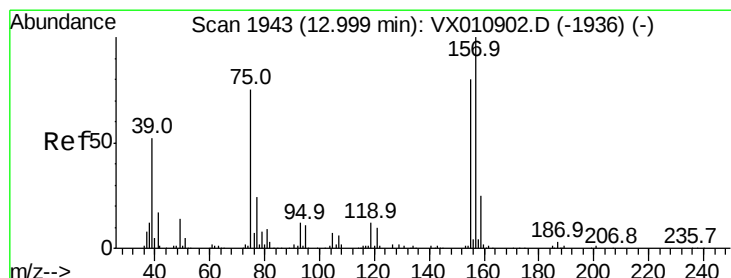
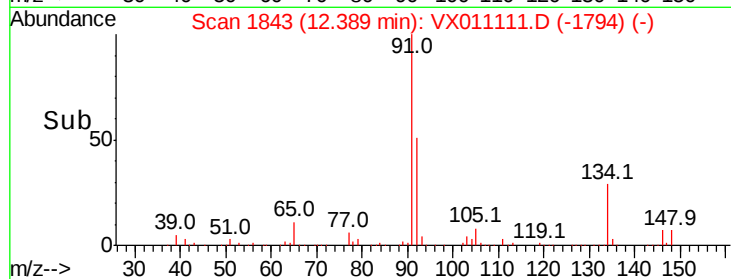
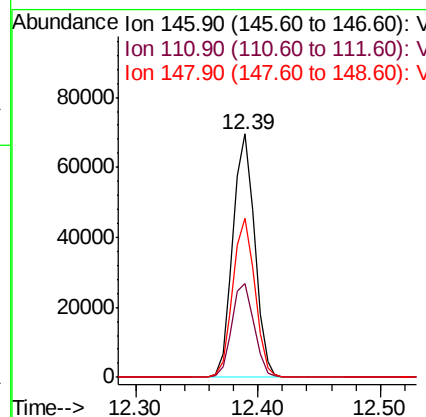
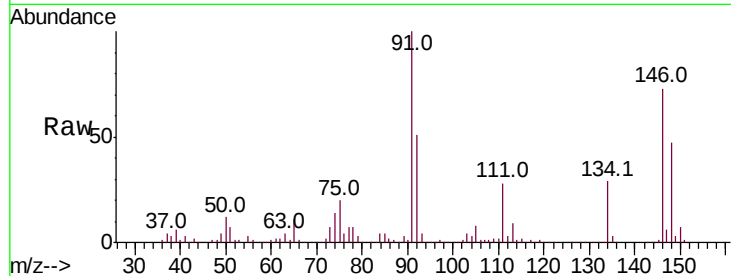
#91
 1,2-Dichlorobenzene
 Concen: 19.807 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX011111.D
 Acq: 27 Jul 2019 00:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0726WBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.9	59.7
148	65.4	32.0	96.2

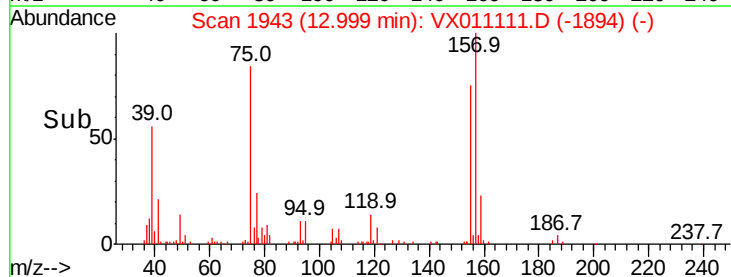
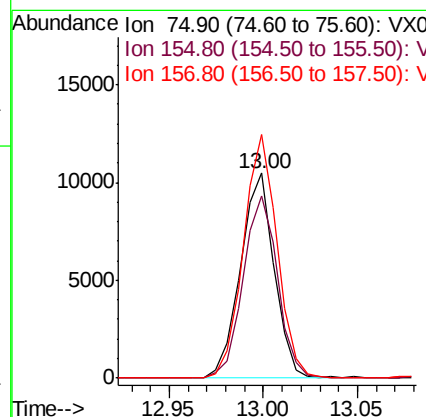
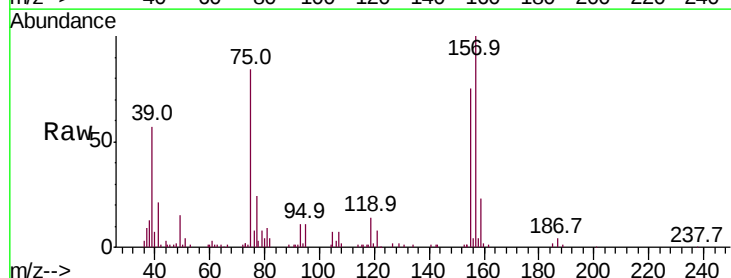
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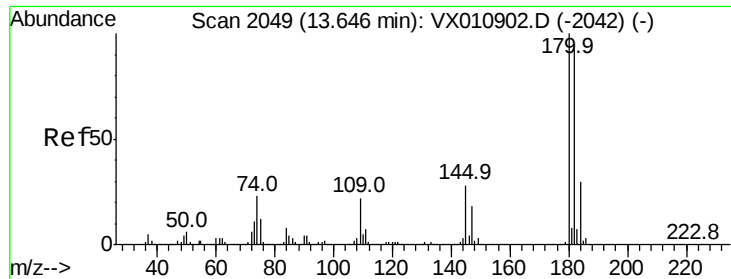
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.771 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX011111.D
 Acq: 27 Jul 2019 00:23

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.6	48.7	146.1
157	118.3	62.5	187.6





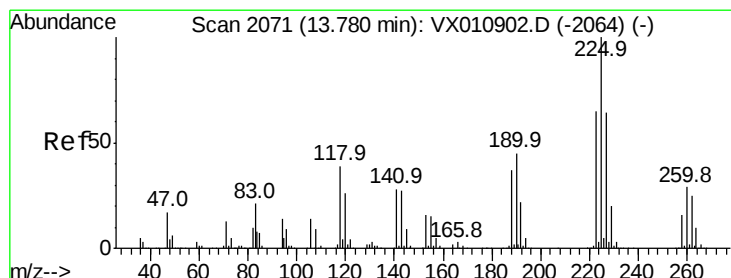
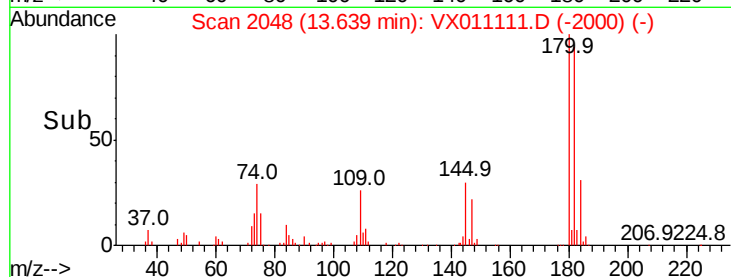
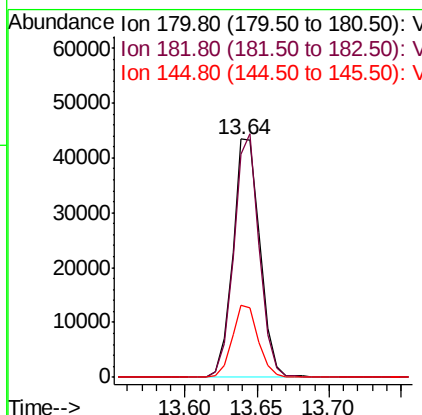
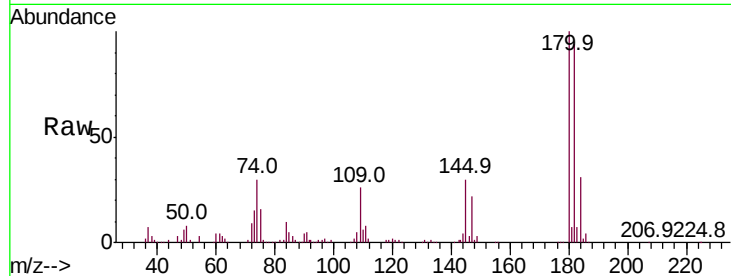
#93
1,2,4-Trichlorobenzene
Concen: 19.402 ug/l
RT: 13.64 min Scan# 2048
Delta R.T. -0.01 min
Lab File: VX011111.D
Acq: 27 Jul 2019 00:23

Instrument :
MSVOA_X
ClientSampleId :
VX0726WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.3	47.1	141.3	
145	29.3	14.8	44.4	

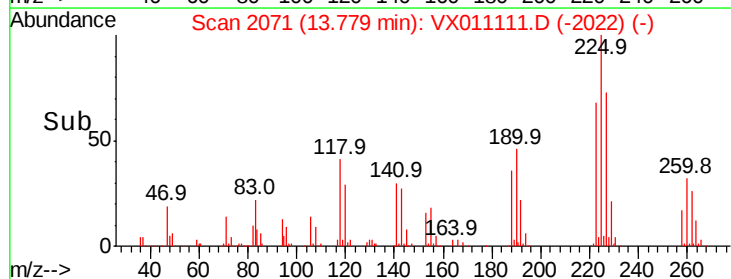
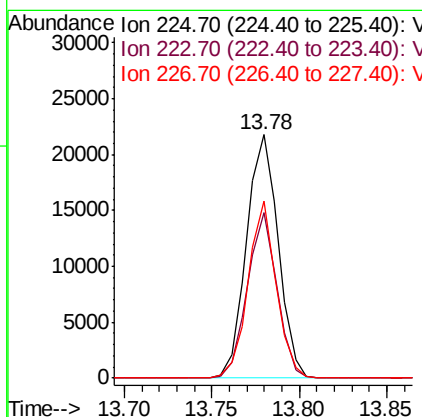
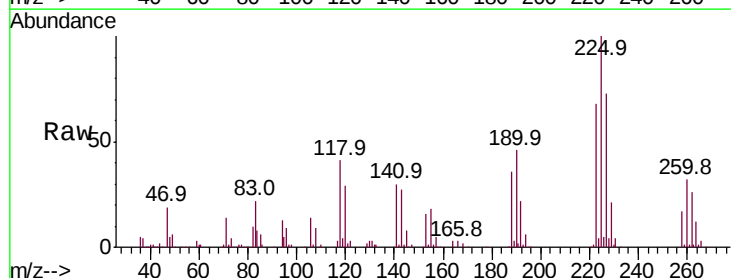
Manual Integrations
APPROVED

MMDadoda
7/29/2019 11:53:04 AM



#94
Hexachlorobutadiene
Concen: 18.828 ug/l
RT: 13.78 min Scan# 2071
Delta R.T. -0.00 min
Lab File: VX011111.D
Acq: 27 Jul 2019 00:23

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.1	31.9	95.9	
227	64.3	32.5	97.4	





#95

Naphthalene

Concen: 20.583 ug/l

RT: 13.83 min Scan# 2079

Delta R.T. -0.01 min

Lab File: VX011111.D

Acq: 27 Jul 2019 00:23

Instrument :

MSVOA_X

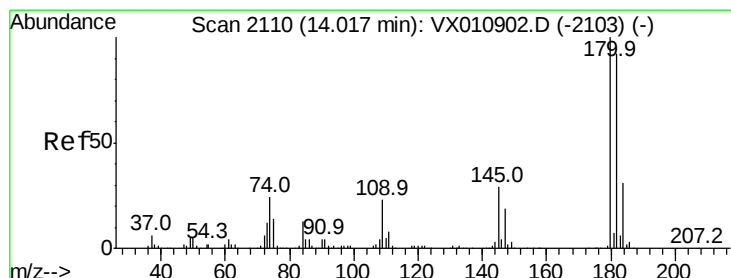
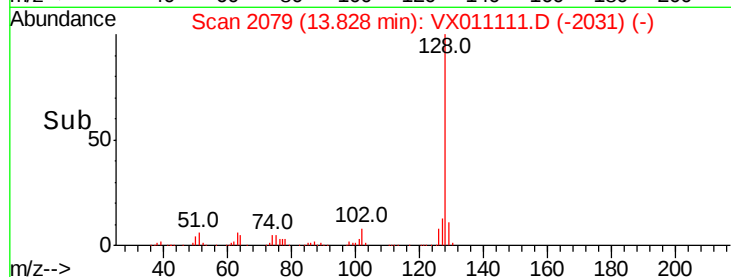
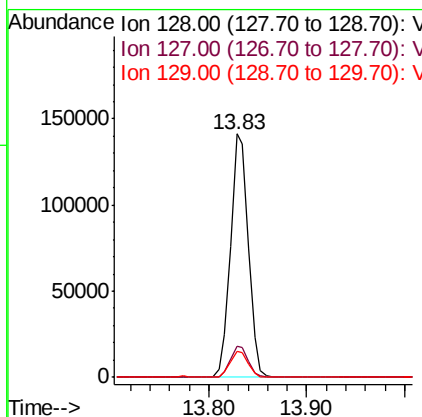
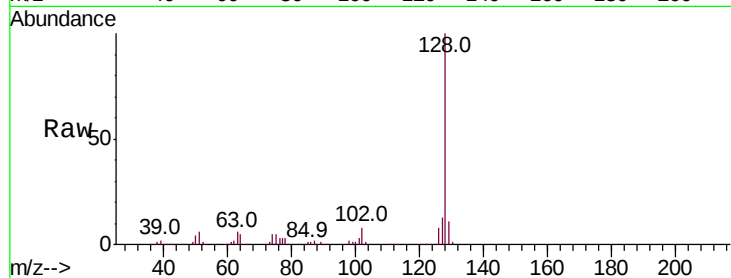
ClientSampleId :

VX0726WBSD02

Tot Ion:	128	Resp:	178595
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.4	15.6
129	11.0	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
7/29/2019 11:53:04 AM



#96

1,2,3-Trichlorobenzene

Concen: 19.984 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX011111.D

Acq: 27 Jul 2019 00:23

Tgt Ion:	180	Resp:	58427
Ion Ratio	Lower	Upper	
180	100		
182	96.4	47.4	142.3
145	31.6	15.1	45.3

