

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072919\
 Data File : VX011159.D
 Acq On : 29 Jul 2019 20:29
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/30/2019 11:09:21 AM

Quant Time: Jul 30 06:42:43 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	184480	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	273212	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	256560	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	136752	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	99538	50.72	ug/l	0.00
Spiked Amount			Recovery	=	101.44%	
35) Dibromofluoromethane	5.49	113	89348	51.52	ug/l	0.00
Spiked Amount			Recovery	=	103.04%	
50) Toluene-d8	8.71	98	330474	50.81	ug/l	0.00
Spiked Amount			Recovery	=	101.62%	
62) 4-Bromofluorobenzene	11.13	95	127316	53.25	ug/l	0.00
Spiked Amount			Recovery	=	106.50%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	86469	44.023	ug/l	96
3) Chloromethane	1.32	50	77337	45.587	ug/l	100
4) Vinyl Chloride	1.41	62	82884	47.899	ug/l	99
5) Bromomethane	1.64	94	46277	47.458	ug/l	99
6) Chloroethane	1.71	64	54593	49.646	ug/l	95
7) Trichlorofluoromethane	1.92	101	150356	51.331	ug/l	98
8) Diethyl Ether	2.19	74	50149	49.691	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	81064	48.470	ug/l	98
10) Methyl Iodide	2.51	142	75359	34.336	ug/l	100
11) Tert butyl alcohol	3.06	59	105801	231.478	ug/l	100
12) 1,1-Dichloroethene	2.37	96	78287	47.643	ug/l	98
13) Acrolein	2.29	56	51407	194.666	ug/l	99
14) Allyl chloride	2.73	41	118551	49.669	ug/l	99
15) Acrylonitrile	3.14	53	237978	257.665	ug/l	100
16) Acetone	2.45	43	198318	223.734	ug/l	97
17) Carbon Disulfide	2.57	76	176651	41.909	ug/l	100
18) Methyl Acetate	2.78	43	118275	58.600	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	275006	51.988	ug/l	100
20) Methylene Chloride	2.85	84	91641	48.785	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	83993	48.174	ug/l	96
22) Diisopropyl ether	3.85	45	262940	52.233	ug/l	99
23) Vinyl Acetate	3.81	43	1089609	255.462	ug/l	99
24) 1,1-Dichloroethane	3.70	63	147033	50.294	ug/l	99
25) 2-Butanone	4.67	43	328497	258.168	ug/l	98
26) 2,2-Dichloropropane	4.59	77	108743	45.301	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	99158	49.141	ug/l	99
28) Bromochloromethane	5.01	49	69106	50.162	ug/l	99
29) Tetrahydrofuran	5.13	42	212336	263.445	ug/l	99
30) Chloroform	5.21	83	162896	51.550	ug/l	98
31) Cyclohexane	5.58	56	122966	46.146	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	143619	52.533	ug/l	100
36) 1,1-Dichloropropene	5.80	75	112379	50.076	ug/l	99
37) Ethyl Acetate	4.84	43	122437	53.280	ug/l	100
38) Carbon Tetrachloride	5.78	117	123290	52.721	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	134203	46.113	ug/l	98
40) Benzene	6.14	78	346112	50.348	ug/l	100
41) Methacrylonitrile	5.04	41	69247	53.083	ug/l	96
42) 1,2-Dichloroethane	6.19	62	126216	52.805	ug/l	99
43) Isopropyl Acetate	6.45	43	196853	52.097	ug/l	99
44) Trichloroethene	7.21	130	100235	49.259	ug/l	98
45) 1,2-Dichloropropane	7.51	63	89800	51.324	ug/l	100
46) Dibromomethane	7.66	93	65926	52.730	ug/l	99
47) Bromodichloromethane	7.90	83	122377	54.987	ug/l	100
48) Methyl methacrylate	7.77	41	98509	53.516	ug/l	97
49) 1,4-Dioxane	7.74	88	48759	946.966	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	677575	276.627	ug/l	99
52) Toluene	8.78	92	229416	50.801	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	129550	54.136	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	140213	52.656	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	98952	53.216	ug/l	100
56) Ethyl methacrylate	9.18	69	149693	55.036	ug/l	98
57) 1,3-Dichloropropane	9.37	76	154334	52.321	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	350119	269.657	ug/l	100
59) 2-Hexanone	9.49	43	523533	275.571	ug/l	99
60) Dibromochloromethane	9.58	129	109057	50.913	ug/l	99
61) 1,2-Dibromoethane	9.67	107	106429	53.933	ug/l	100
64) Tetrachloroethene	9.34	164	95694	47.413	ug/l	95
65) Chlorobenzene	10.13	112	263752	50.052	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	98911	53.408	ug/l	98
67) Ethyl Benzene	10.25	91	457066	50.958	ug/l	99
68) m/p-Xylenes	10.36	106	350386	101.839	ug/l	99
69) o-Xylene	10.69	106	172710	51.435	ug/l	99
70) Styrene	10.71	104	301012	53.776	ug/l	99
71) Bromoform	10.85	173	83297	49.428	ug/l #	98
73) Isopropylbenzene	11.02	105	463355	50.145	ug/l	100
74) N-amyl acetate	10.90	43	179861	50.943	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	158066	52.271	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	129782m	52.591	ug/l	
77) Bromobenzene	11.26	156	128472	50.405	ug/l	99
78) n-propylbenzene	11.36	91	519605	50.893	ug/l	100
79) 2-Chlorotoluene	11.42	91	311349	50.764	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	391496	50.704	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	44171	45.719	ug/l	97
82) 4-Chlorotoluene	11.51	91	366206	51.300	ug/l	98
83) tert-Butylbenzene	11.77	119	393719	51.913	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	397709	51.105	ug/l	100
85) sec-Butylbenzene	11.94	105	461812	51.967	ug/l	100
86) p-Isopropyltoluene	12.06	119	431386	52.508	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	223433	50.514	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	224650	49.521	ug/l	99
89) n-Butylbenzene	12.38	91	363489	51.715	ug/l	99
90) Hexachloroethane	12.59	117	66104	51.013	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	224099	51.120	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	34846	55.127	ug/l	95

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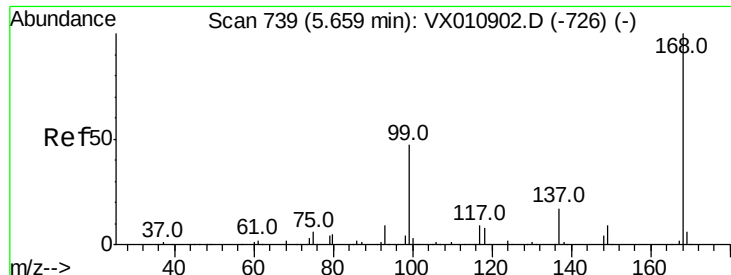
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	154318	51.943	ug/l	98
94) Hexachlorobutadiene	13.78	225	74542	50.632	ug/l	99
95) Naphthalene	13.83	128	488621	55.696	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	158592	53.650	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.00 min

Lab File: VX011159.D

Acq: 29 Jul 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 184480

Ion Ratio Lower Upper

168 100

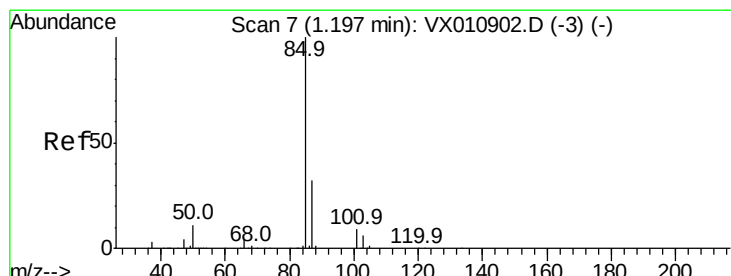
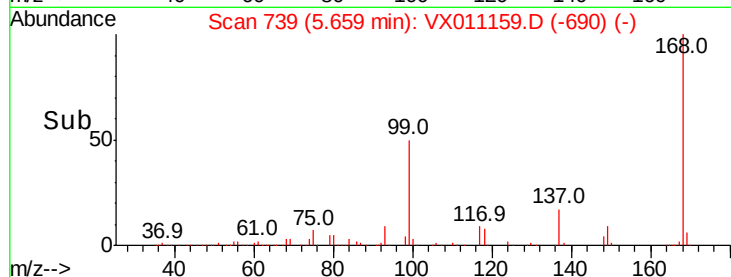
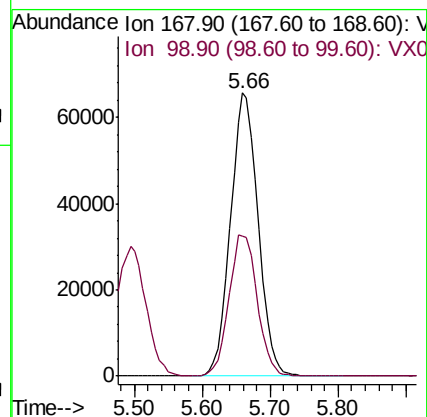
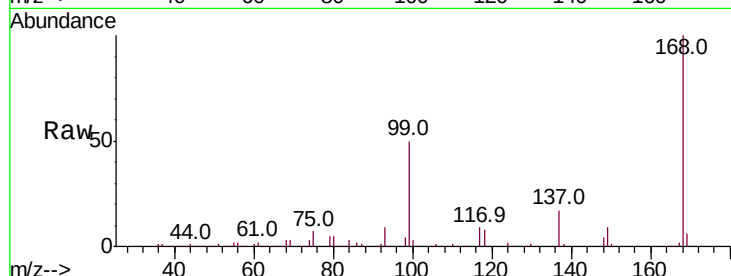
99 49.4 37.6 56.4

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#2

Dichlorodifluoromethane

Concen: 44.023 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX011159.D

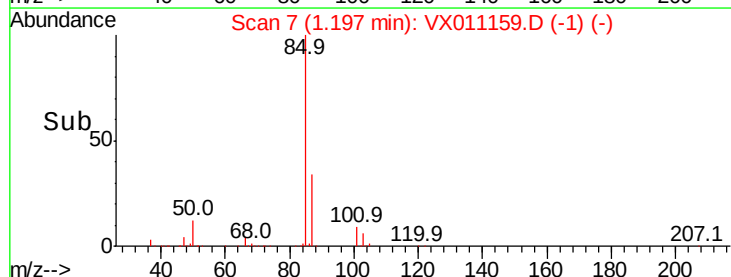
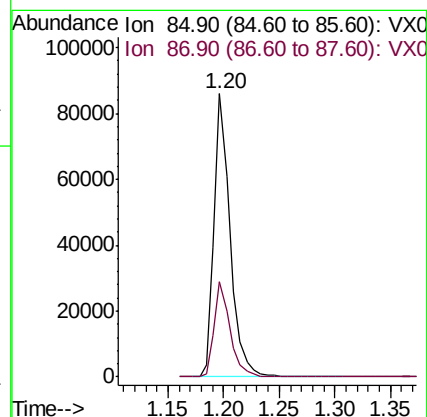
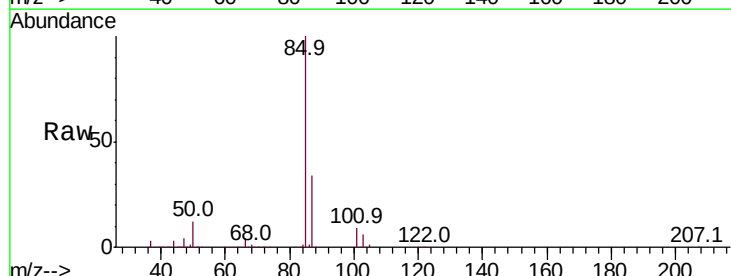
Acq: 29 Jul 2019 20:29

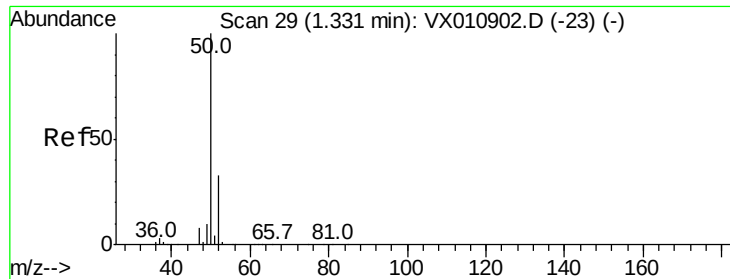
Tgt Ion: 85 Resp: 86469

Ion Ratio Lower Upper

85 100

87 33.8 15.9 47.7





#3

Chloromethane

Concen: 45.587 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.01 min

Lab File: VX011159.D

Acq: 29 Jul 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 77337

Ion Ratio Lower Upper

50 100

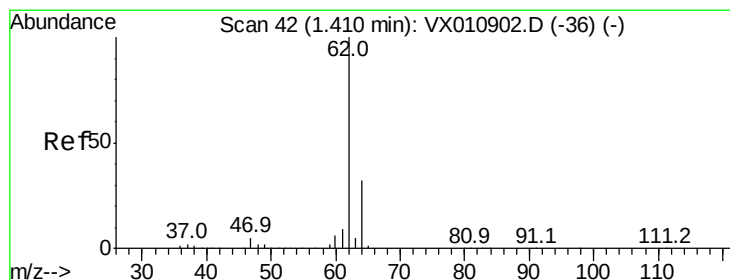
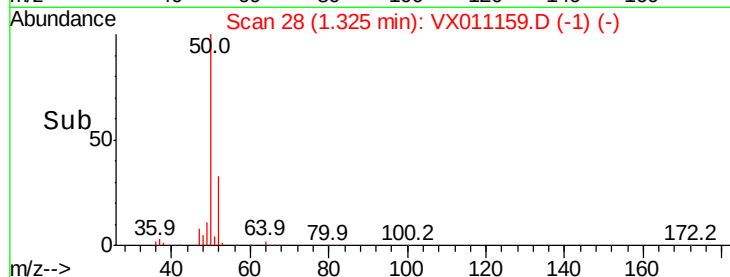
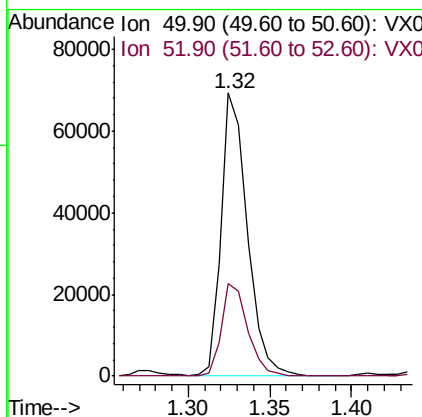
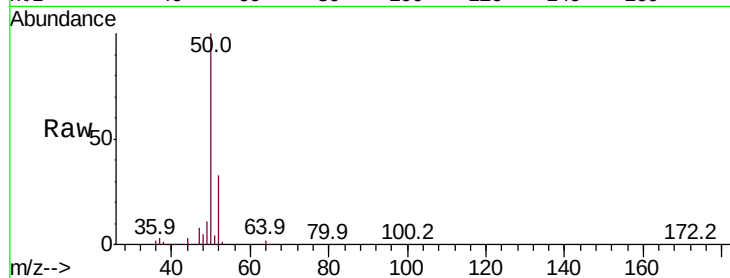
52 32.7 26.4 39.6

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#4

Vinyl Chloride

Concen: 47.899 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX011159.D

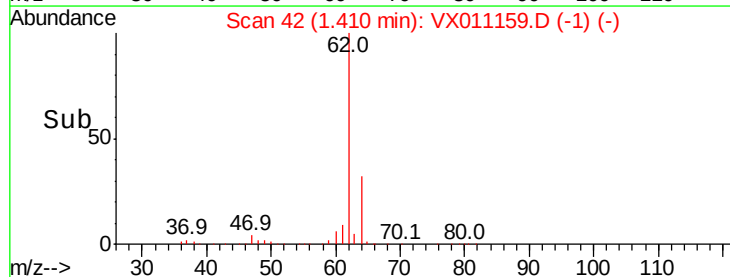
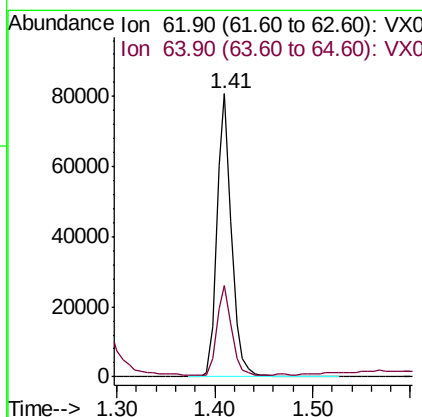
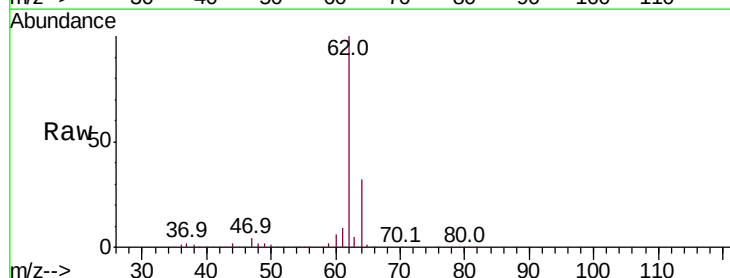
Acq: 29 Jul 2019 20:29

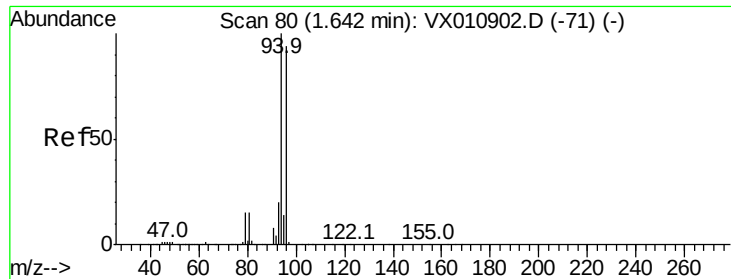
Tgt Ion: 62 Resp: 82884

Ion Ratio Lower Upper

62 100

64 31.8 25.7 38.5





#5

Bromomethane

Concen: 47.458 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX011159.D

Acq: 29 Jul 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 46277

Ion Ratio Lower Upper

94 100

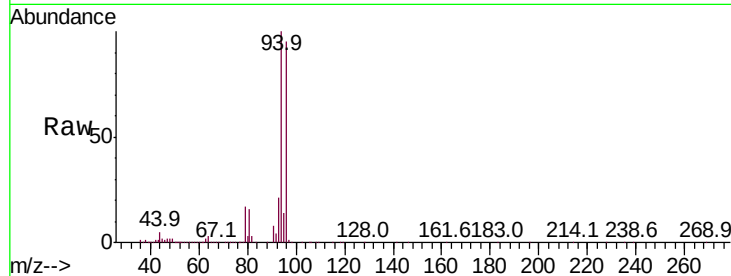
96 95.2 75.6 113.4

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

50000

40000

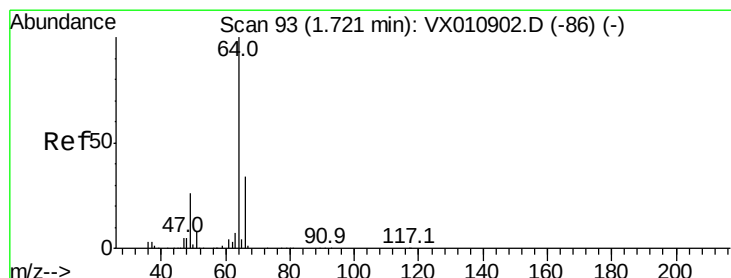
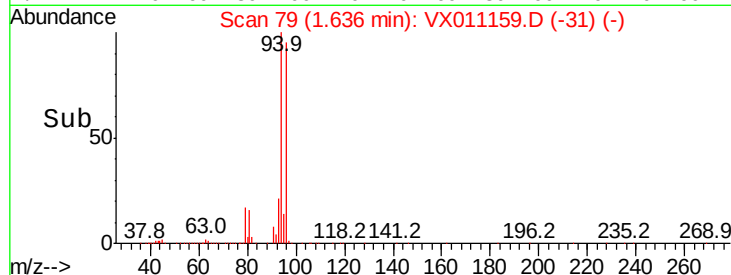
30000

20000

10000

0

Time-->



#6

Chloroethane

Concen: 49.646 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX011159.D

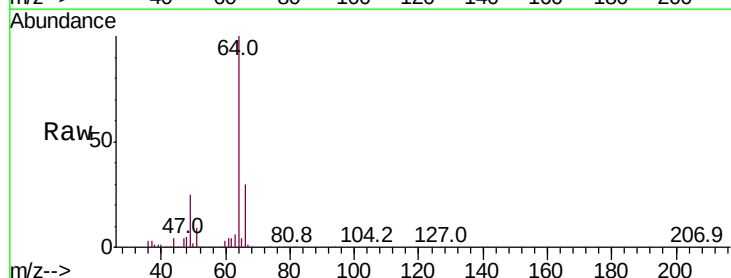
Acq: 29 Jul 2019 20:29

Tgt Ion: 64 Resp: 54593

Ion Ratio Lower Upper

64 100

66 30.8 27.0 40.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

50000

40000

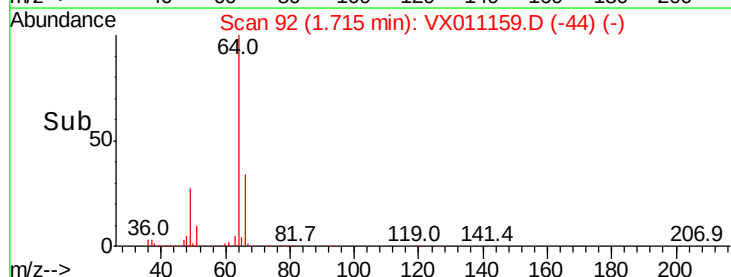
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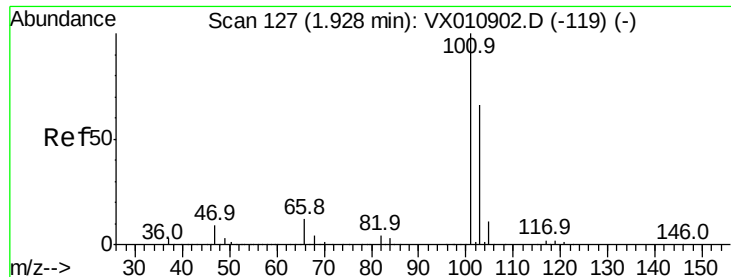
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10000

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Time-->





#7

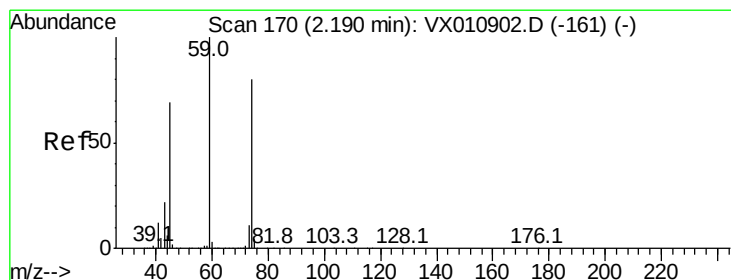
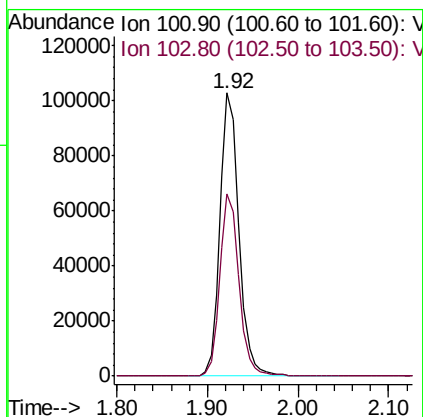
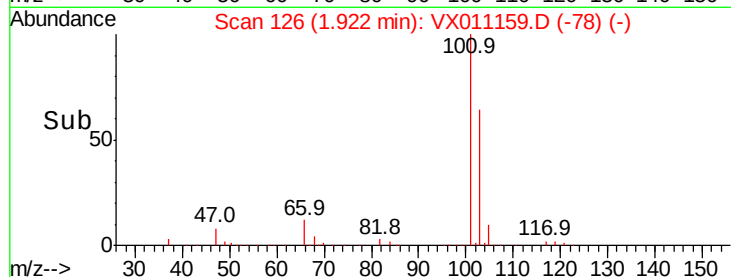
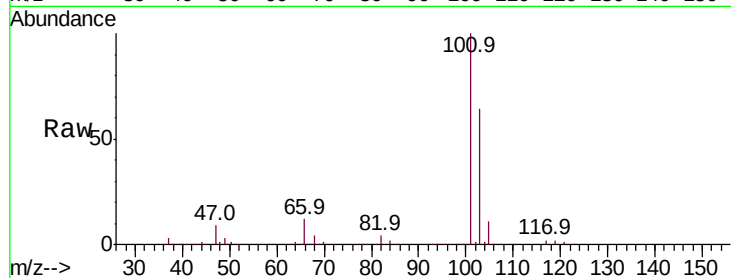
Trichlorofluoromethane
Concen: 51.331 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.01 min
Lab File: VX011159.D
Acq: 29 Jul 2019 20:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:101 Resp: 150356
Ion Ratio Lower Upper
101 100
103 64.4 52.6 78.8

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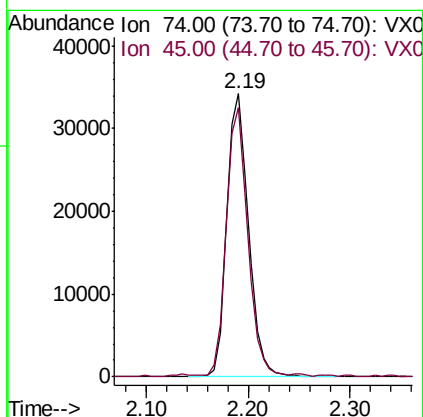
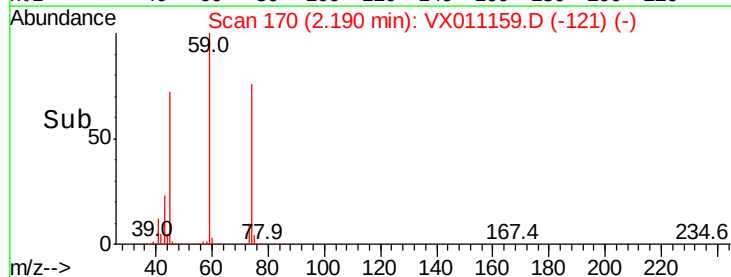
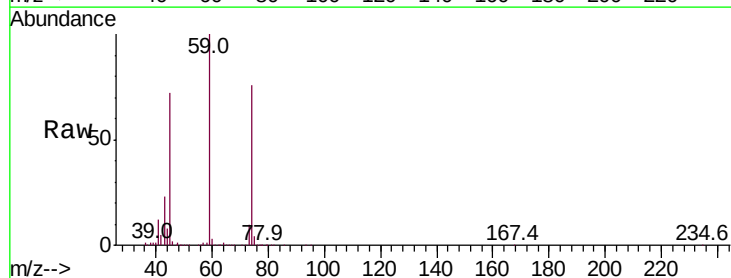
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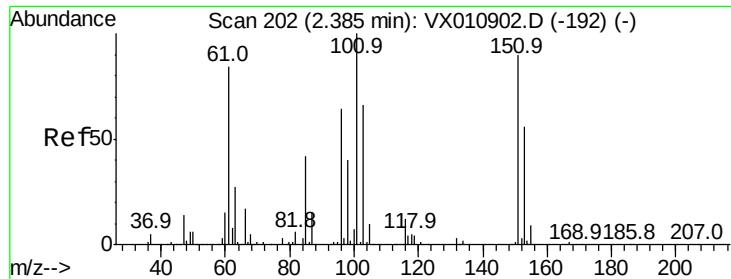


#8

Diethyl Ether
Concen: 49.691 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX011159.D
Acq: 29 Jul 2019 20:29

Tgt Ion: 74 Resp: 50149
Ion Ratio Lower Upper
74 100
45 93.8 45.5 136.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.470 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX011159.D

Acq: 29 Jul 2019 20:29

Instrument :

MSVOA_X

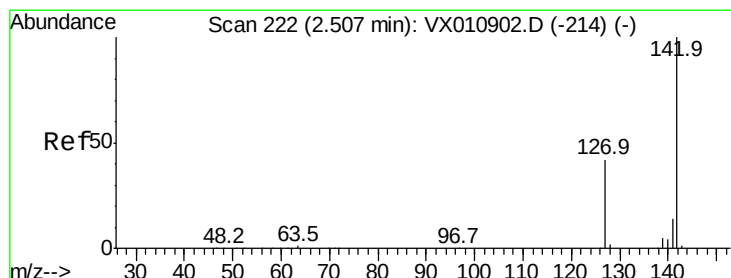
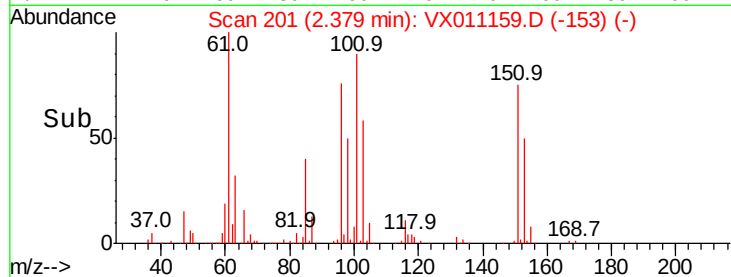
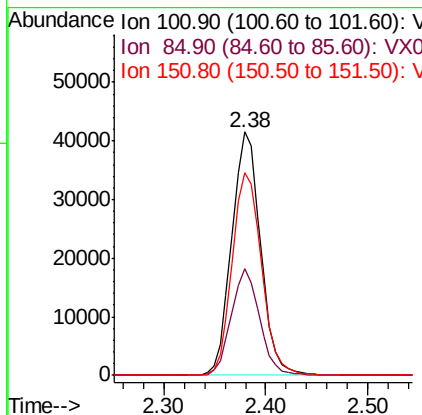
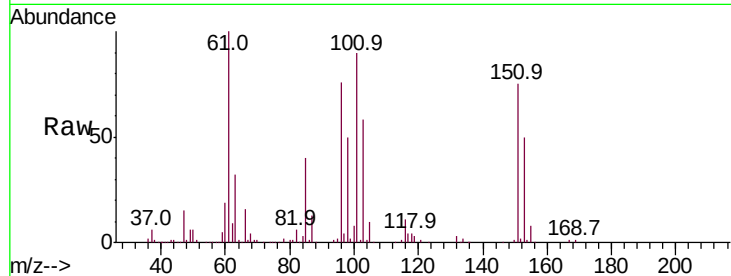
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	81064
Ion Ratio	Lower	Upper	
101	100		
85	43.0	34.6	52.0
151	85.0	69.6	104.4

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#10

Methyl Iodide

Concen: 34.336 ug/l

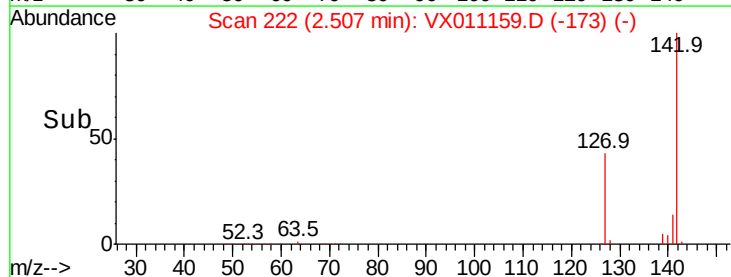
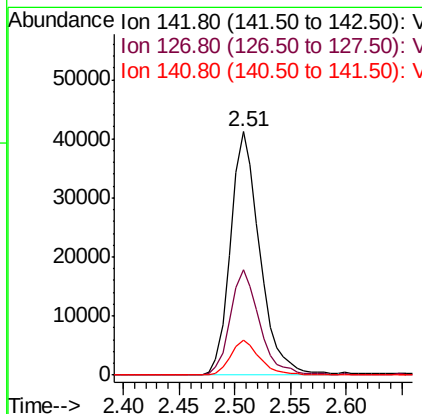
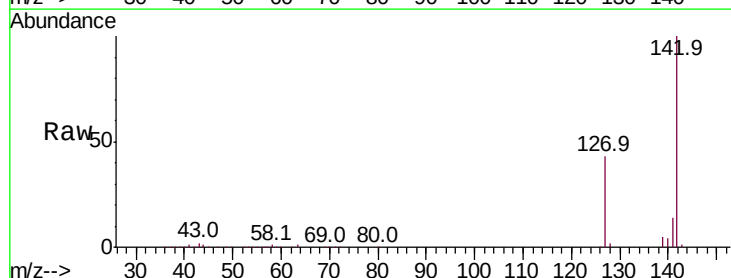
RT: 2.51 min Scan# 222

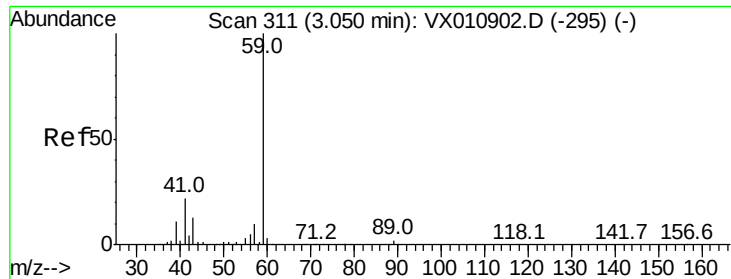
Delta R.T. 0.00 min

Lab File: VX011159.D

Acq: 29 Jul 2019 20:29

Tgt Ion:	142	Resp:	75359
Ion Ratio	Lower	Upper	
142	100		
127	43.1	34.2	51.4
141	14.3	11.7	17.5





#11

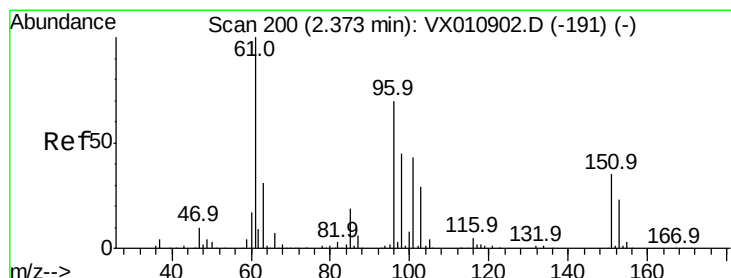
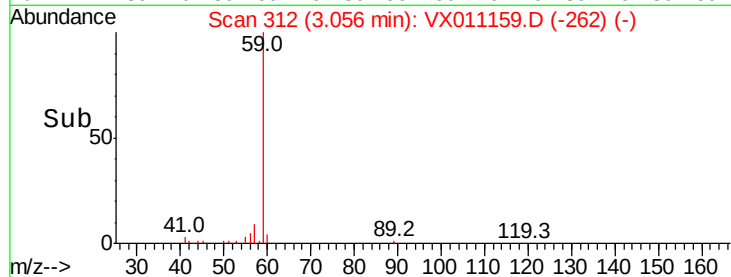
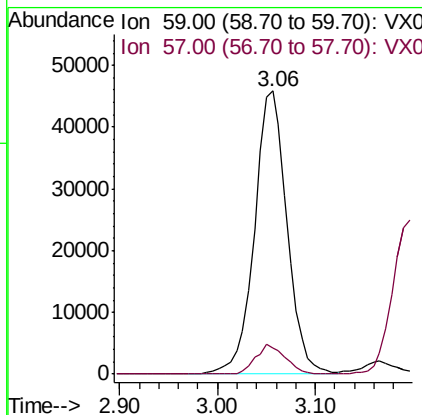
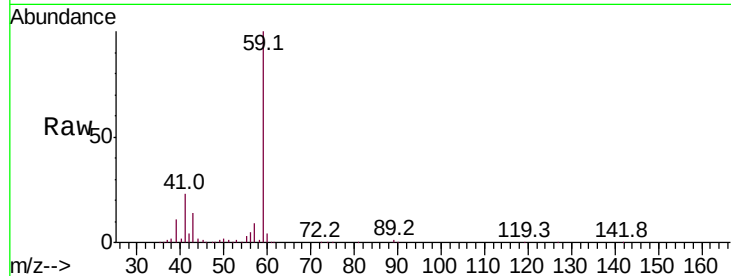
Tert butyl alcohol
Concen: 231.478 ug/l
RT: 3.06 min Scan# 312
Delta R.T. 0.01 min
Lab File: VX011159.D
Acq: 29 Jul 2019 20:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.8	7.9	11.9

Manual Integrations
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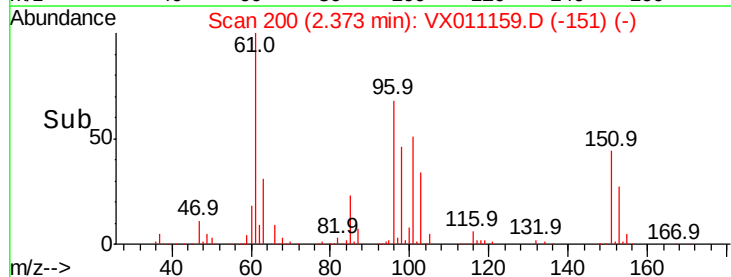
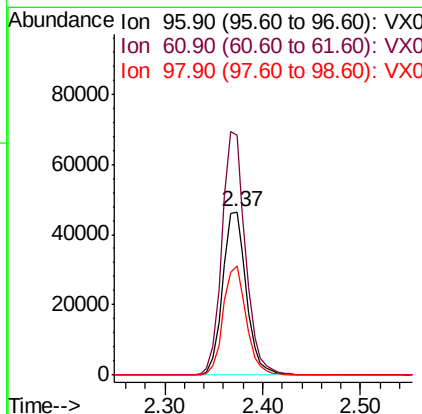
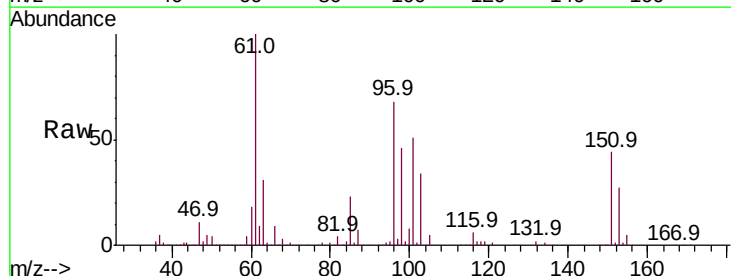
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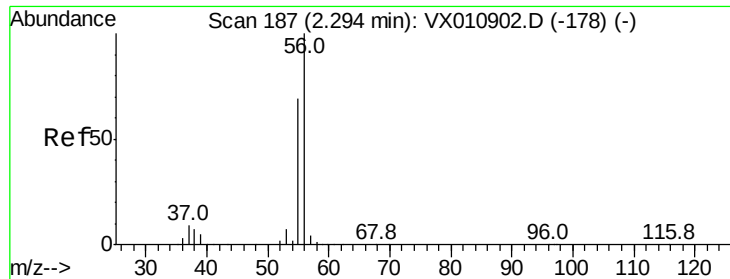


#12

1,1-Dichloroethene
Concen: 47.643 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX011159.D
Acq: 29 Jul 2019 20:29

Tgt Ion	Ratio	Lower	Upper
96	100		
61	146.8	115.0	172.4
98	67.1	52.2	78.2





#13

Acrolein

Concen: 194.666 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX011159.D

Acq: 29 Jul 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 51407

Ion Ratio Lower Upper

56 100

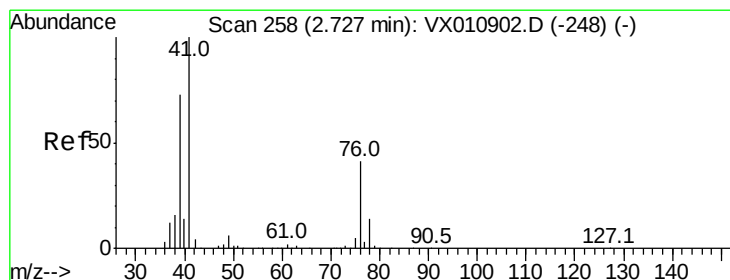
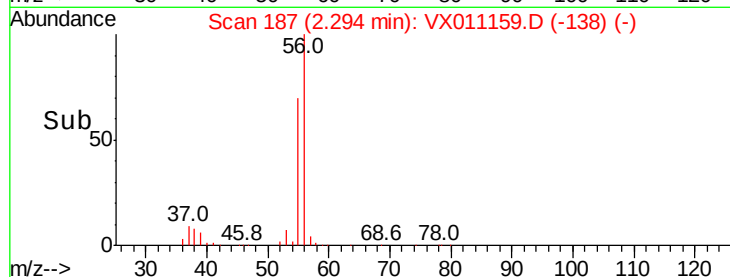
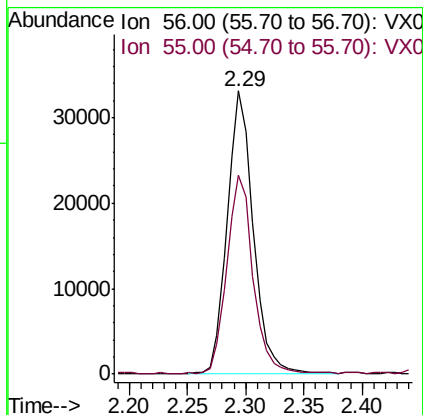
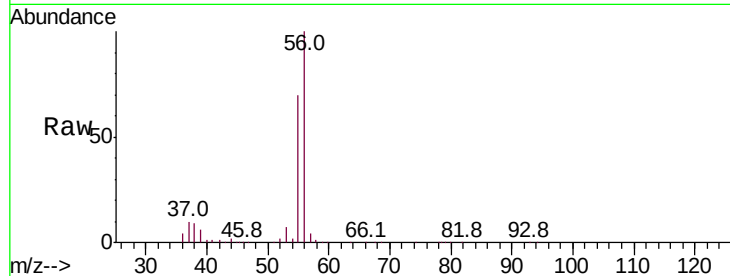
55 70.6 55.9 83.9

Manual Integrations

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#14

Allyl chloride

Concen: 49.669 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX011159.D

Acq: 29 Jul 2019 20:29

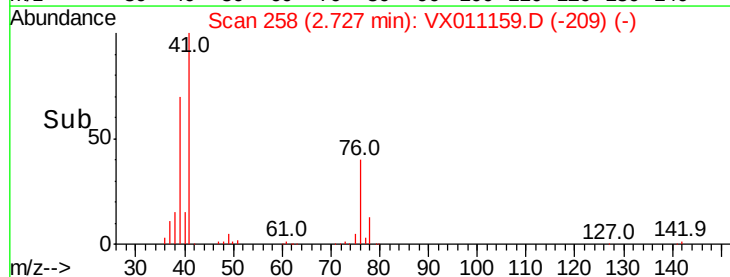
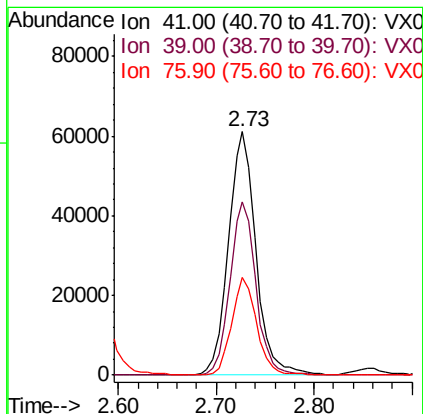
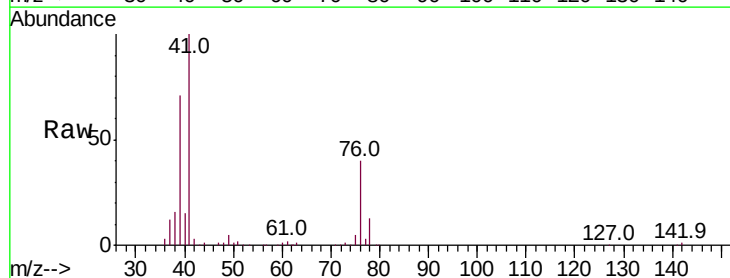
Tgt Ion: 41 Resp: 118551

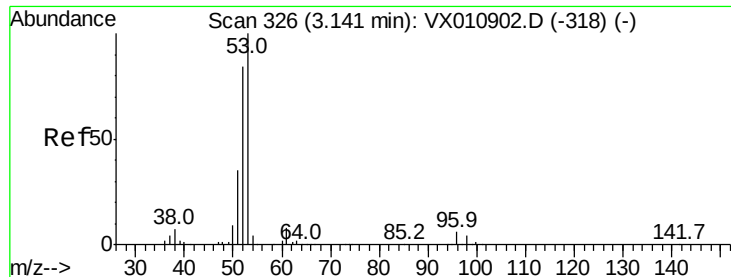
Ion Ratio Lower Upper

41 100

39 67.8 53.6 80.4

76 36.3 29.7 44.5





#15

Acrylonitrile

Concen: 257.665 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX011159.D

Acq: 29 Jul 2019 20:29

Instrument :

MSVOA_X

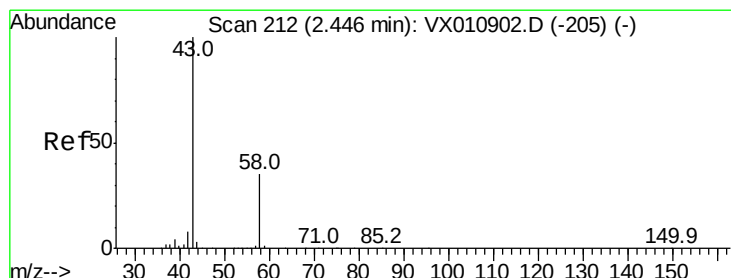
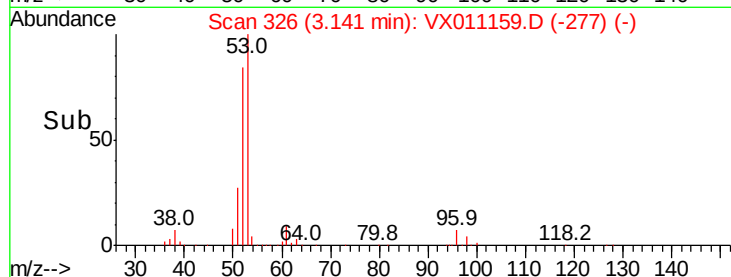
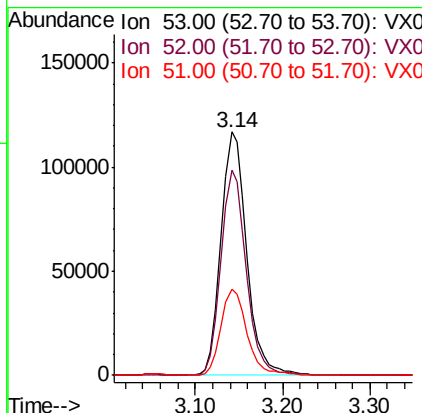
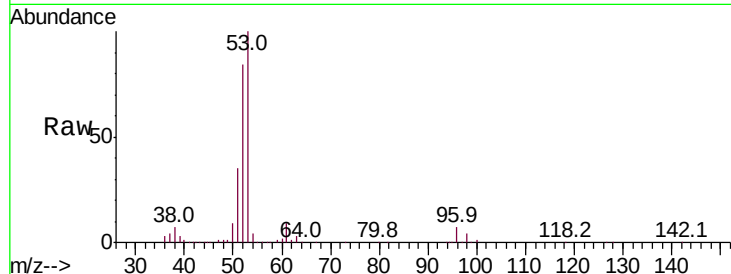
ClientSampleId :

VSTDCCC050EC

Tot Ion	53	Resp	237978
Ion	Ratio	Lower	Upper
53	100		
52	83.2	66.5	99.7
51	36.1	28.2	42.4

Manual Integrations
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#16

Acetone

Concen: 223.734 ug/l

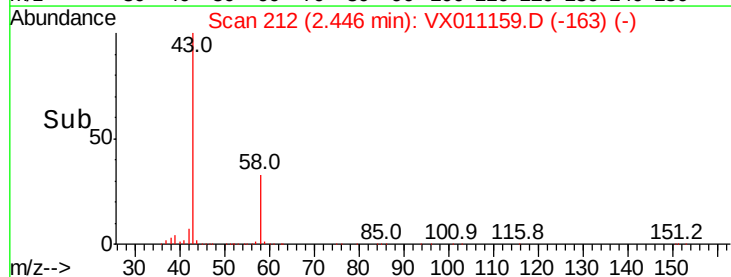
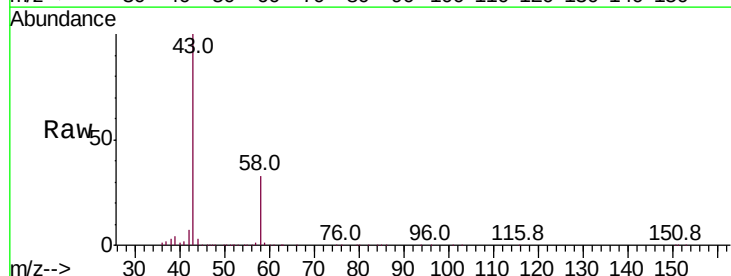
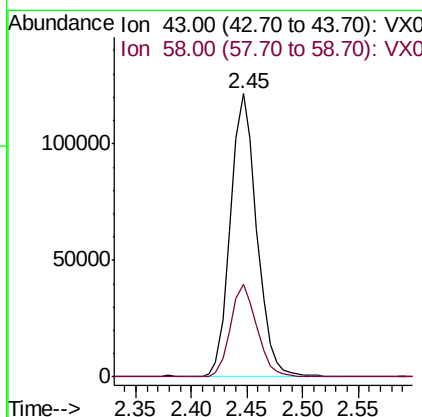
RT: 2.45 min Scan# 212

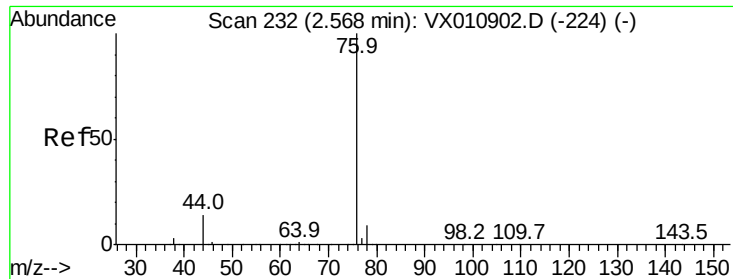
Delta R.T. 0.00 min

Lab File: VX011159.D

Acq: 29 Jul 2019 20:29

Tgt Ion	43	Resp	198318
Ion	Ratio	Lower	Upper
43	100		
58	32.6	27.7	41.5





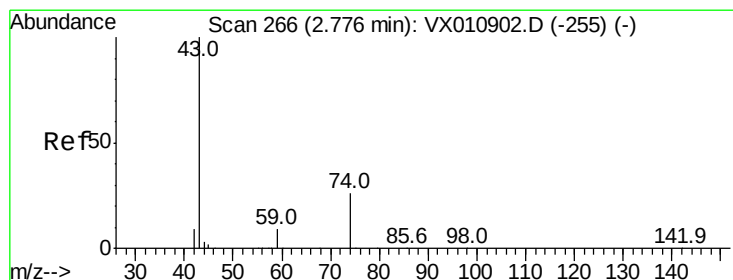
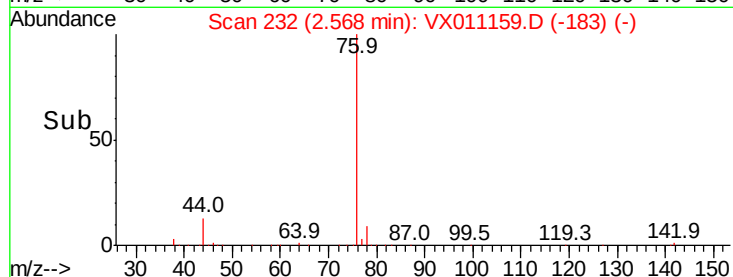
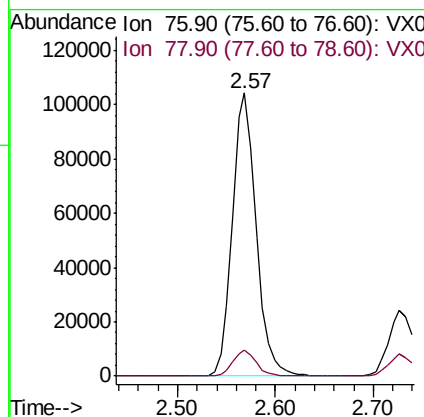
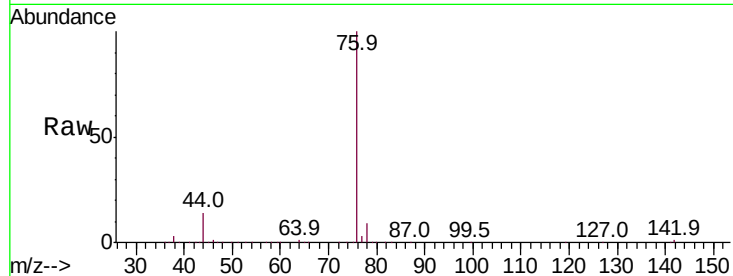
#17
Carbon Disulfide
Concen: 41.909 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX011159.D
Acq: 29 Jul 2019 20:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.4	11.0

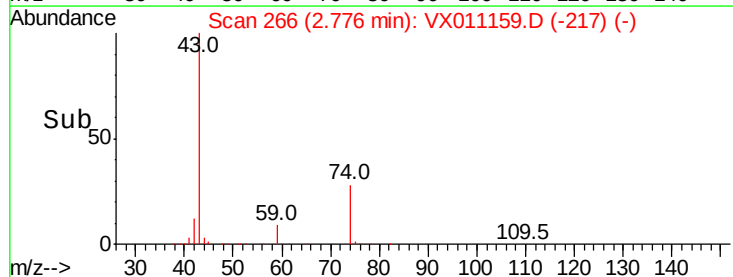
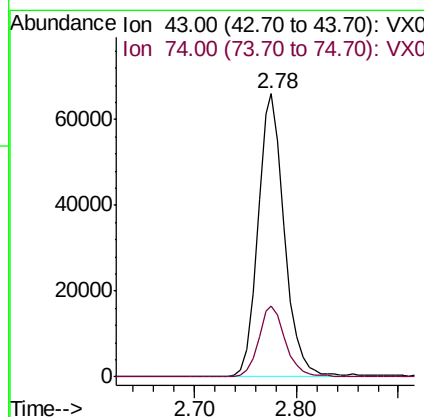
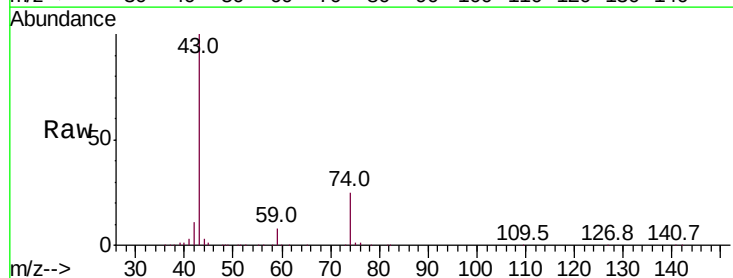
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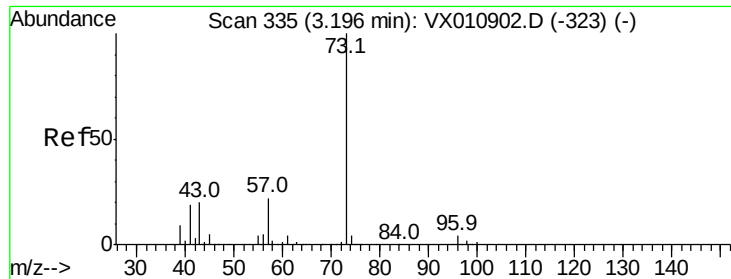
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#18
Methyl Acetate
Concen: 58.600 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX011159.D
Acq: 29 Jul 2019 20:29

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.9	21.5	32.3





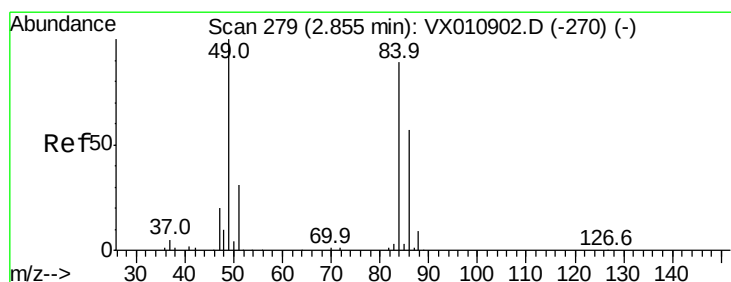
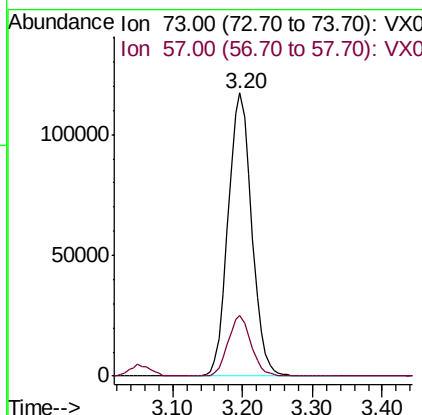
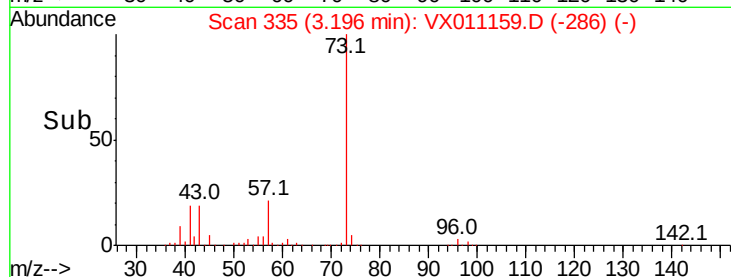
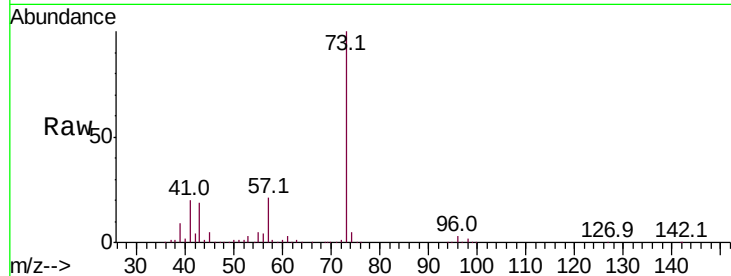
#19
Methyl tert-butyl Ether
Concen: 51.988 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX011159.D
Acq: 29 Jul 2019 20:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.4	17.3	25.9

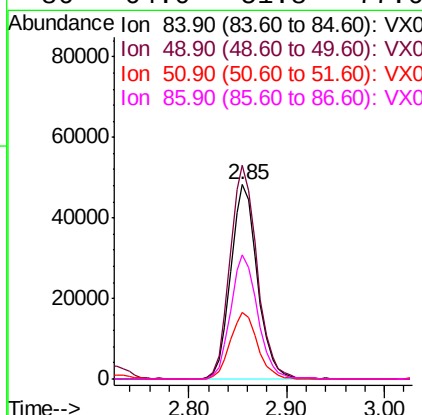
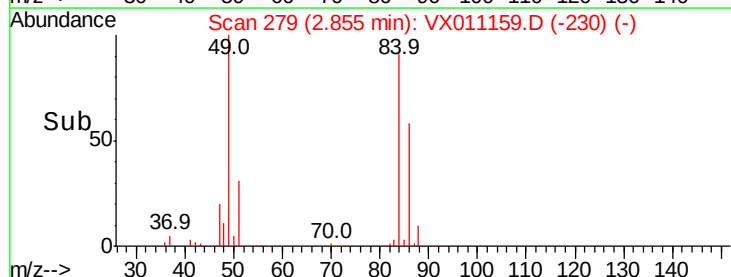
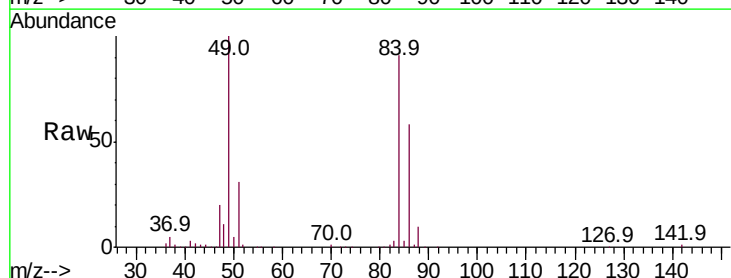
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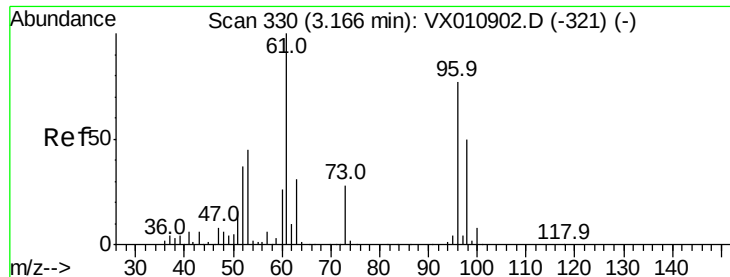
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#20
Methylene Chloride
Concen: 48.785 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX011159.D
Acq: 29 Jul 2019 20:29

Tgt Ion	Ratio	Lower	Upper
84	100		
49	109.6	89.9	134.9
51	34.5	27.8	41.6
86	64.0	51.8	77.6





#21

trans-1,2-Dichloroethene

Concen: 48.174 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX011159.D

Acq: 29 Jul 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 83993

Ion Ratio Lower Upper

96 100

61 124.1 104.2 156.2

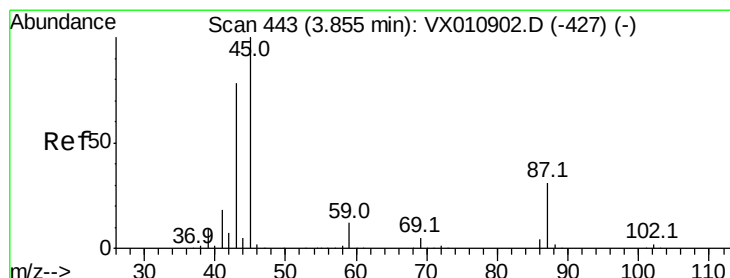
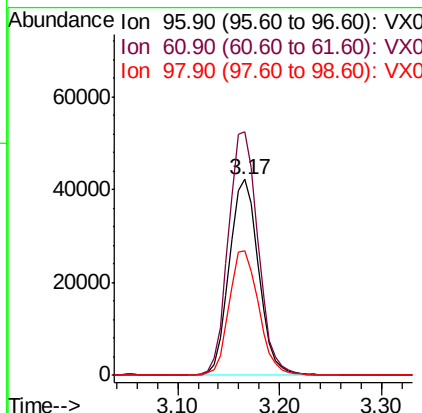
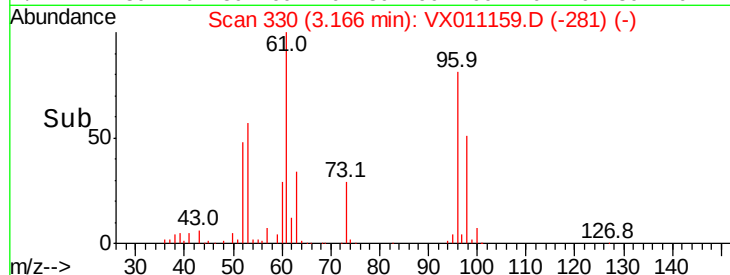
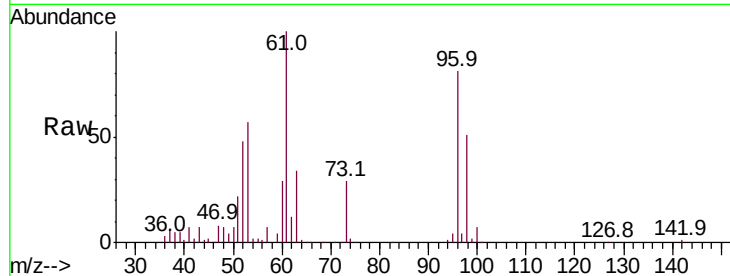
98 63.6 52.2 78.4

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#22

Diisopropyl ether

Concen: 52.233 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX011159.D

Acq: 29 Jul 2019 20:29

Tgt Ion: 45 Resp: 262940

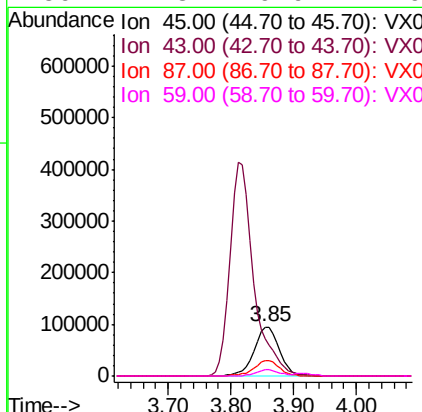
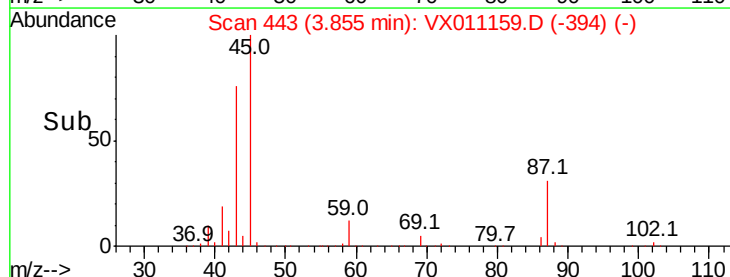
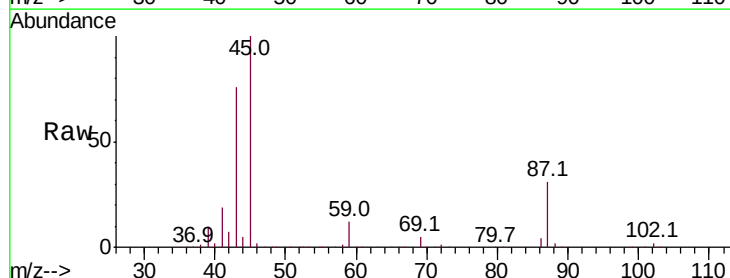
Ion Ratio Lower Upper

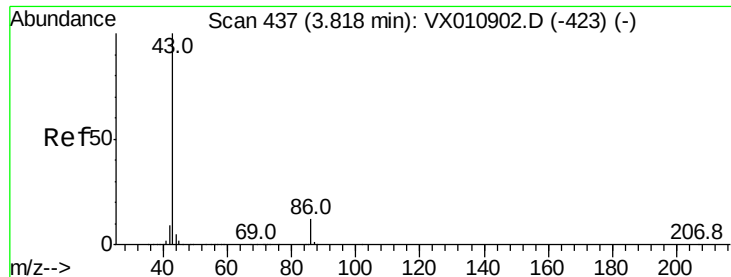
45 100

43 76.2 62.3 93.5

87 31.2 25.0 37.4

59 12.3 9.9 14.9





#23

Vinyl Acetate

Concen: 255.462 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX011159.D

Acq: 29 Jul 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1089609

Ion Ratio Lower Upper

43 100

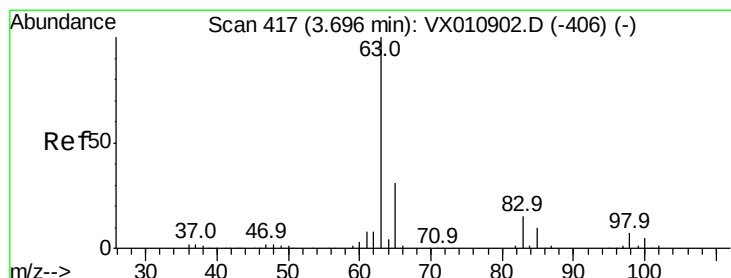
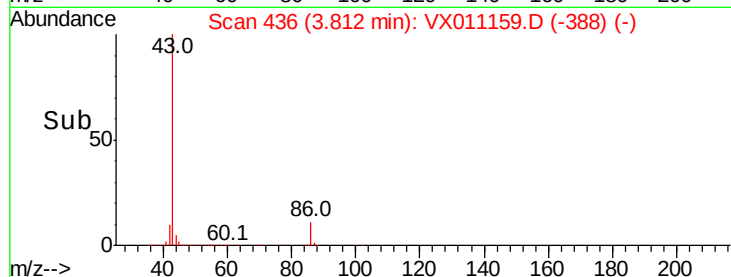
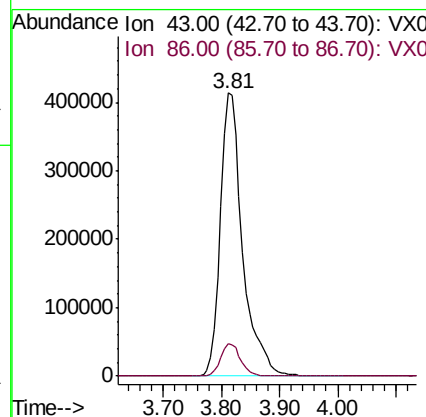
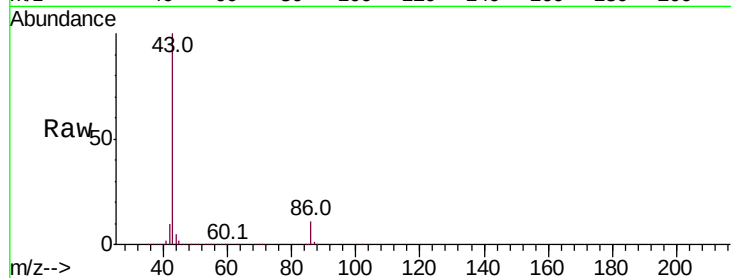
86 11.3 9.4 14.0

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#24

1,1-Dichloroethane

Concen: 50.294 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX011159.D

Acq: 29 Jul 2019 20:29

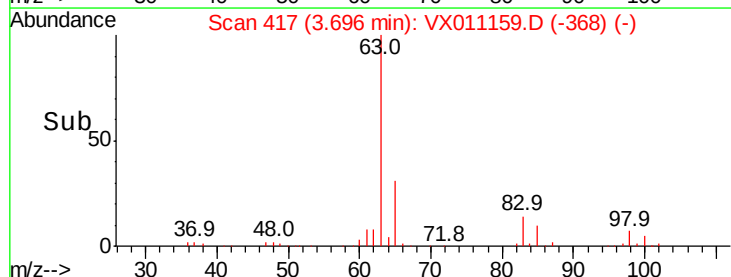
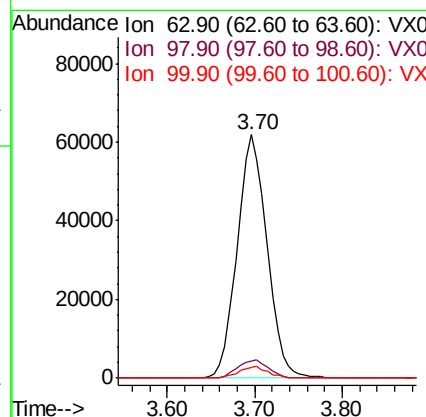
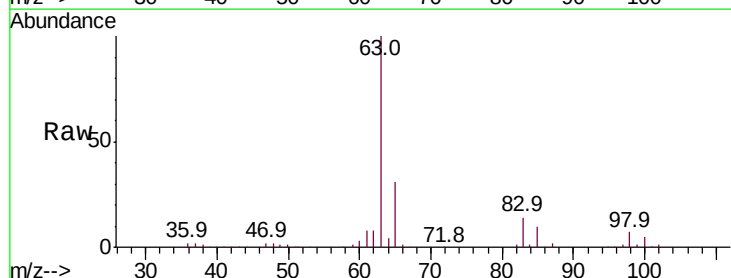
Tgt Ion: 63 Resp: 147033

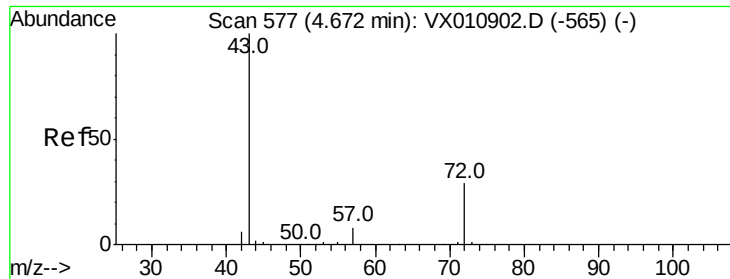
Ion Ratio Lower Upper

63 100

98 7.0 3.6 10.9

100 4.6 2.4 7.2





#25

2-Butanone

Concen: 258.168 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX011159.D

Acq: 29 Jul 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 328497

Ion Ratio Lower Upper

43 100

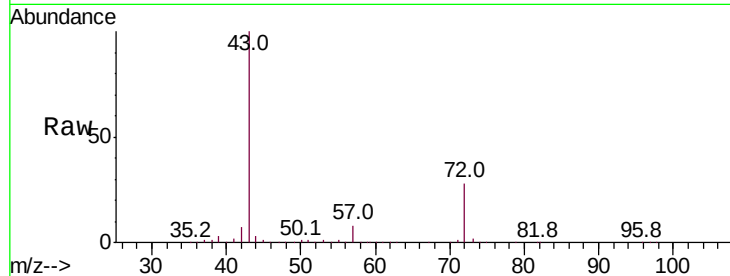
72 27.6 23.0 34.6

Manual Integrations

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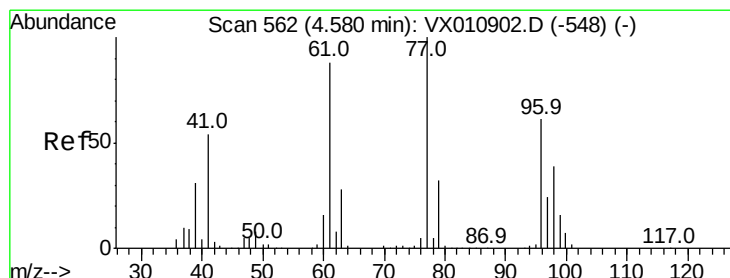
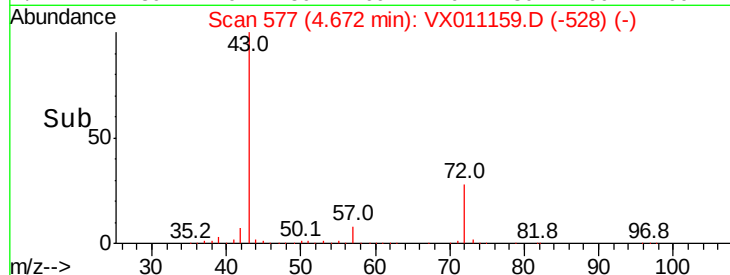
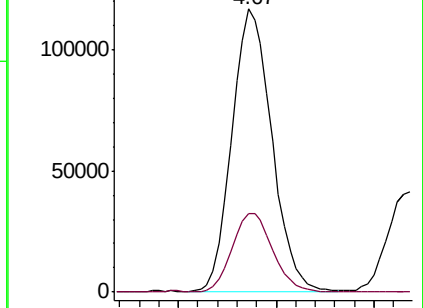
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 45.301 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX011159.D

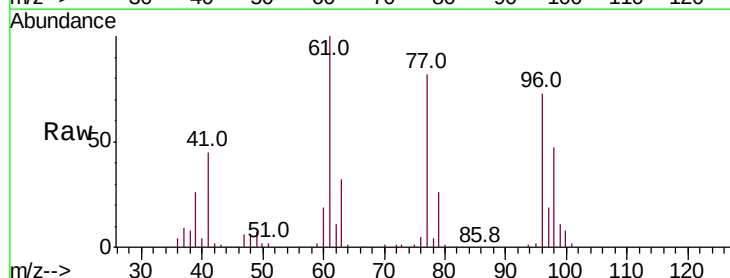
Acq: 29 Jul 2019 20:29

Tgt Ion: 77 Resp: 108743

Ion Ratio Lower Upper

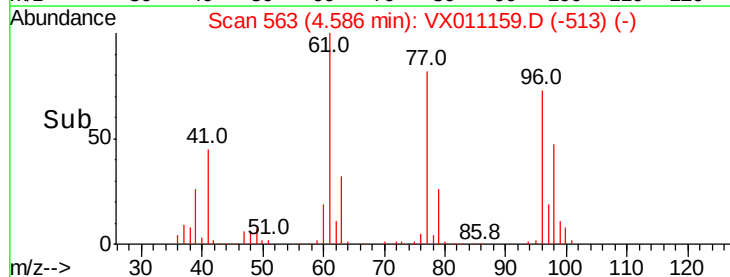
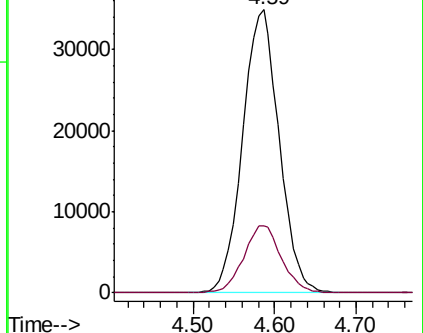
77 100

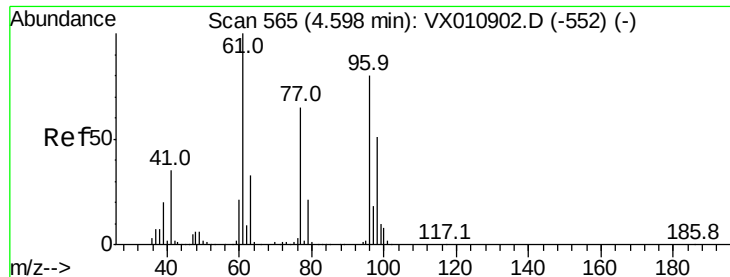
97 24.6 12.6 37.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

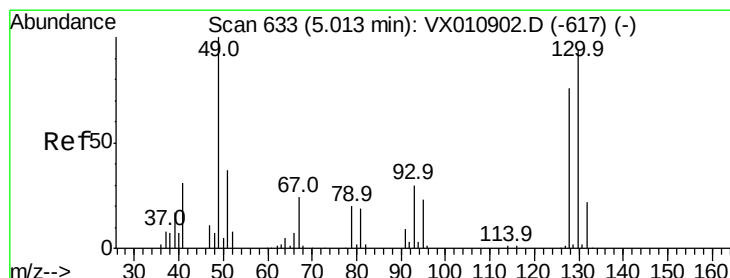
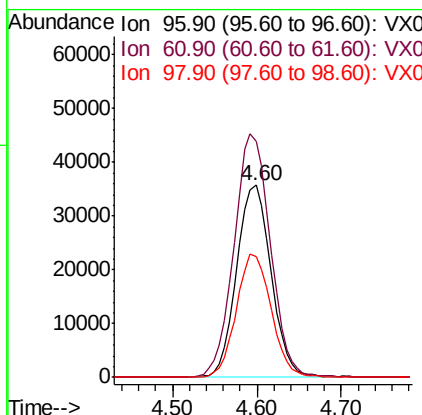
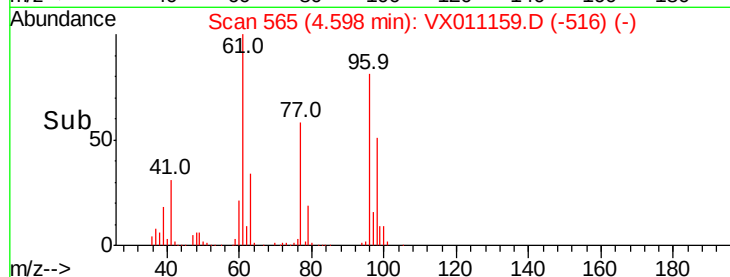
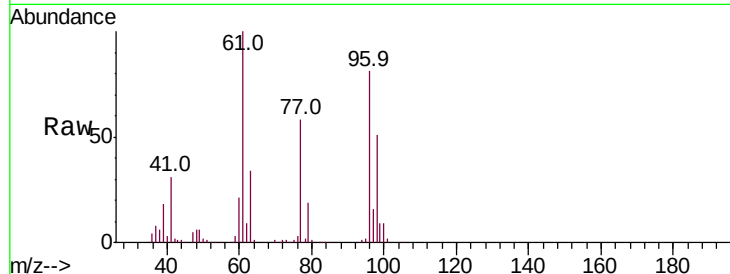
cis-1,2-Dichloroethene
Concen: 49.141 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX011159.D
Acq: 29 Jul 2019 20:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	133.7	0.0	269.0
98	65.0	0.0	131.4

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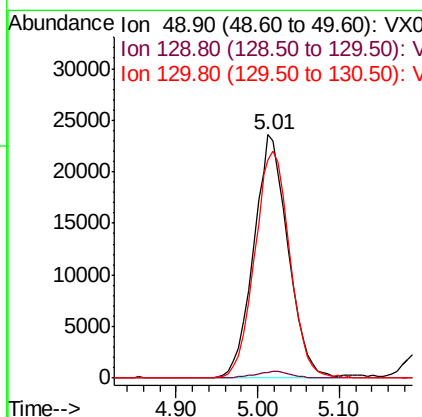
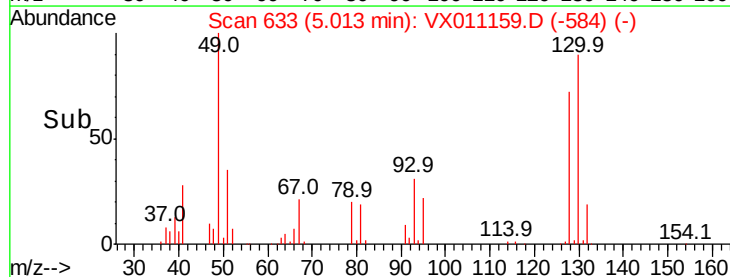
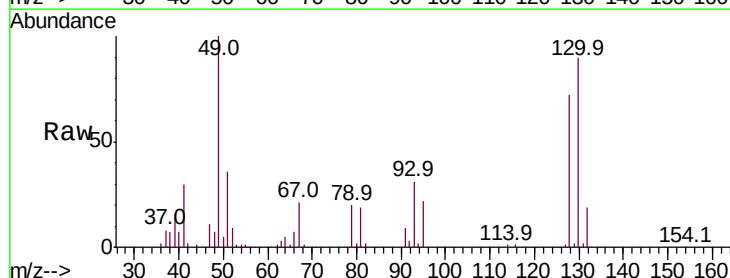
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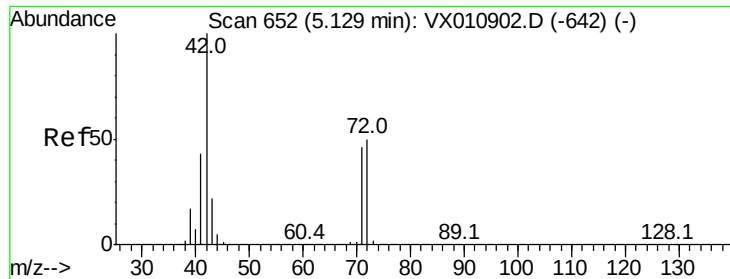


#28

Bromochloromethane
Concen: 50.162 ug/l
RT: 5.01 min Scan# 633
Delta R.T. 0.00 min
Lab File: VX011159.D
Acq: 29 Jul 2019 20:29

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.9	0.0	5.2
130	95.5	76.9	115.3





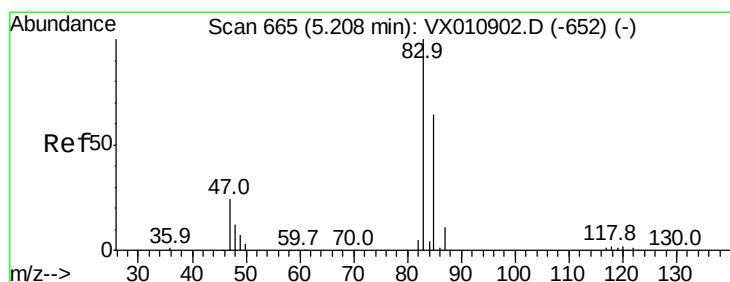
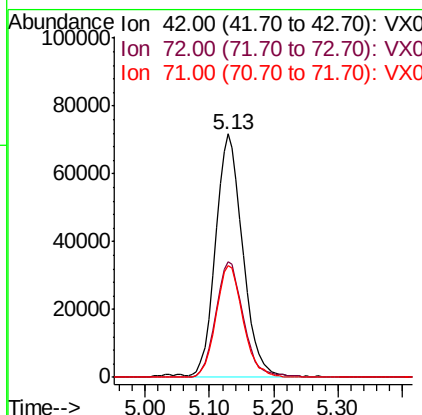
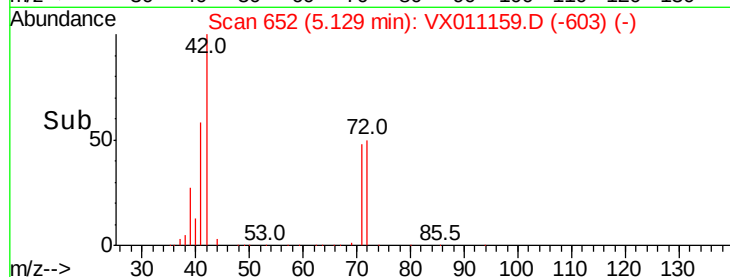
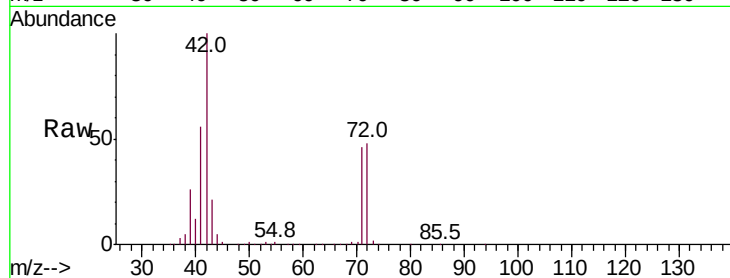
#29
Tetrahydrofuran
Concen: 263.445 ug/l
RT: 5.13 min Scan# 652
Delta R.T. 0.00 min
Lab File: VX011159.D
Acq: 29 Jul 2019 20:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	48.7	39.8	59.8
71	45.9	37.0	55.4

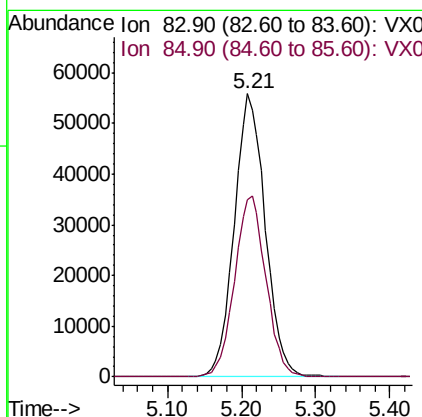
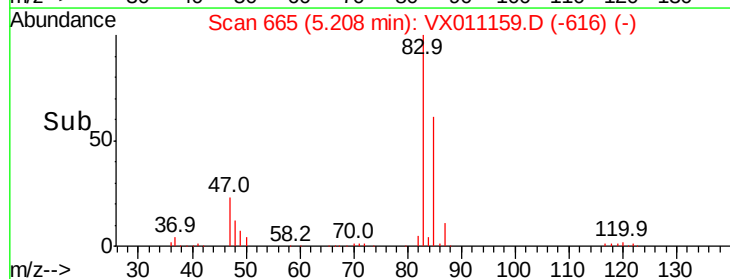
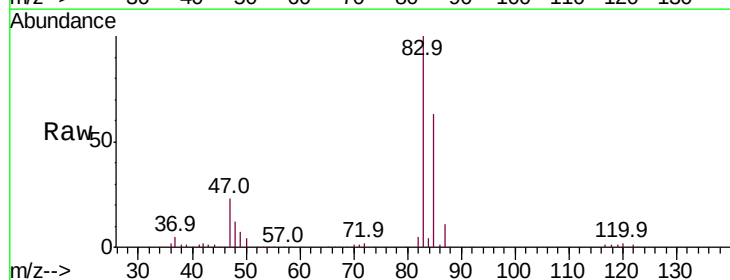
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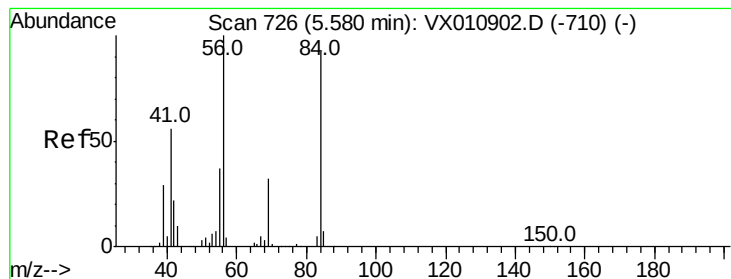
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#30
Chloroform
Concen: 51.550 ug/l
RT: 5.21 min Scan# 665
Delta R.T. 0.00 min
Lab File: VX011159.D
Acq: 29 Jul 2019 20:29

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.4	51.4	77.0





#31

Cyclohexane

Concen: 46.146 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX011159.D

Acq: 29 Jul 2019 20:29

Instrument :

MSVOA_X

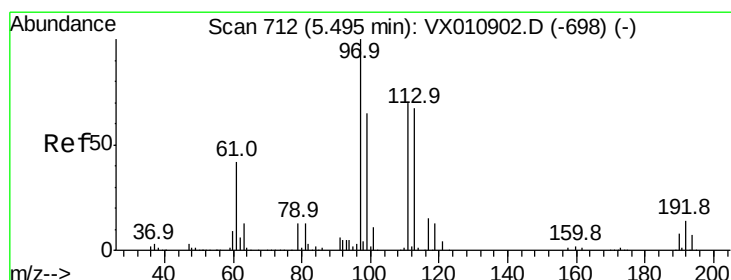
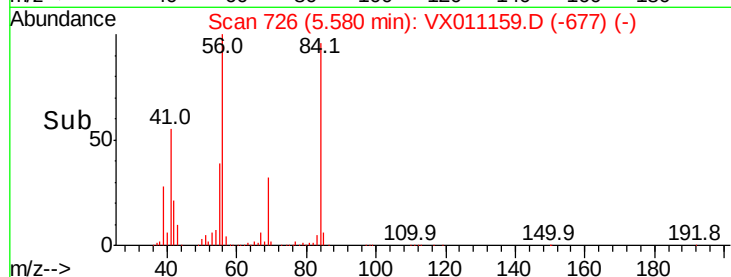
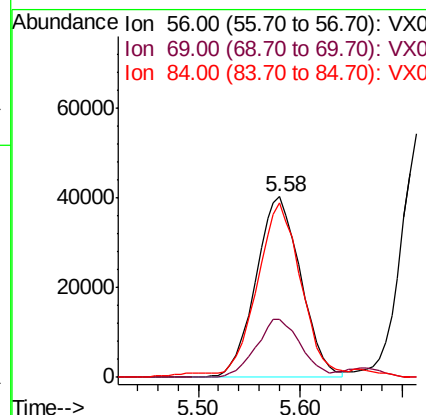
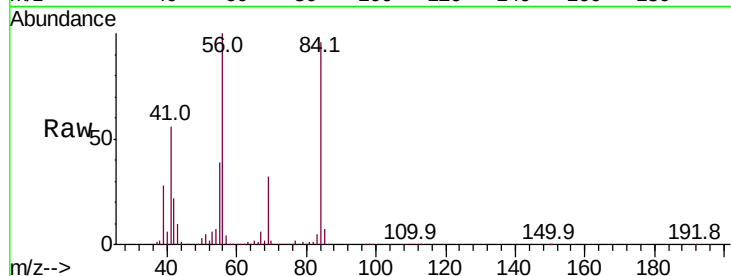
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	122966
Ion	Ratio	Lower	Upper
56	100		
69	32.4	25.8	38.8
84	94.2	73.8	110.6

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 52.533 ug/l

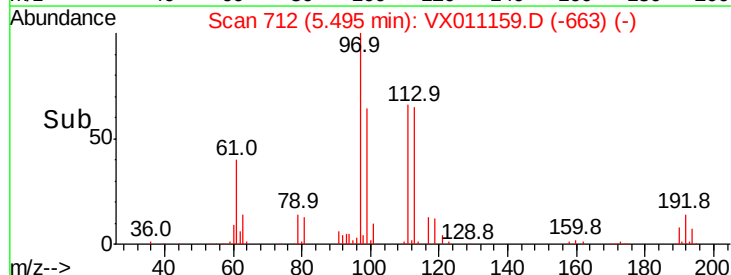
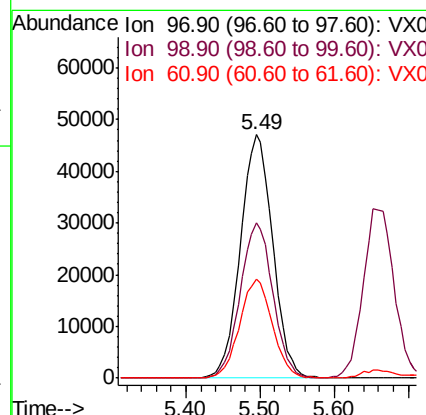
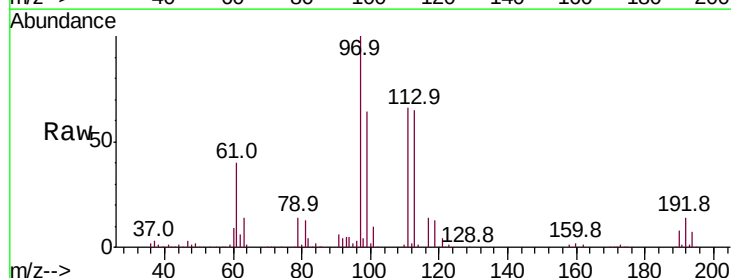
RT: 5.49 min Scan# 712

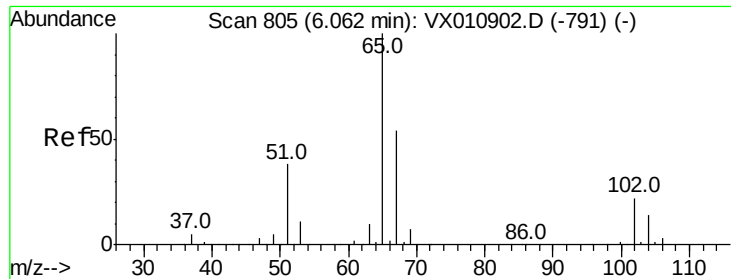
Delta R.T. 0.00 min

Lab File: VX011159.D

Acq: 29 Jul 2019 20:29

Tgt Ion:	97	Resp:	143619
Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.4	77.0
61	40.8	33.0	49.6





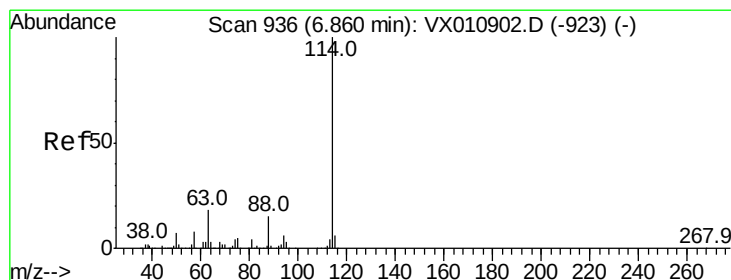
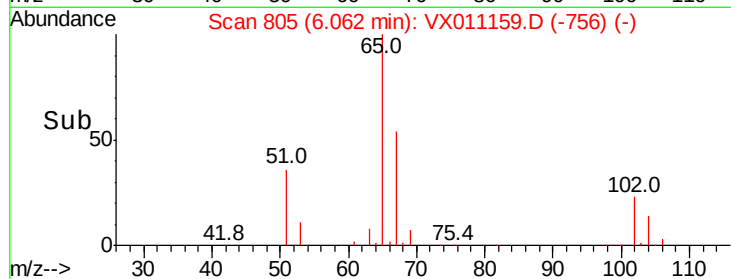
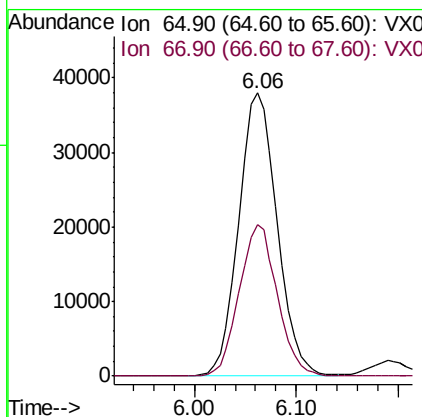
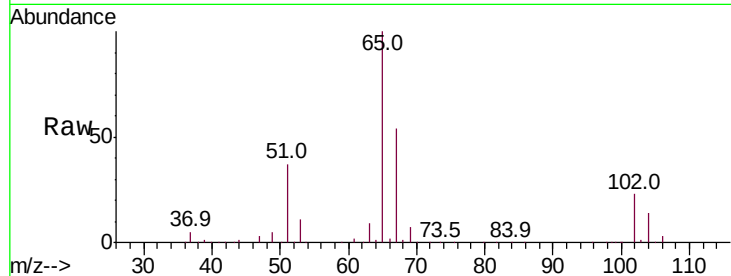
#33
 1,2-Dichloroethane-d4
 Concen: 50.718 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX011159.D
 Acq: 29 Jul 2019 20:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	107.8

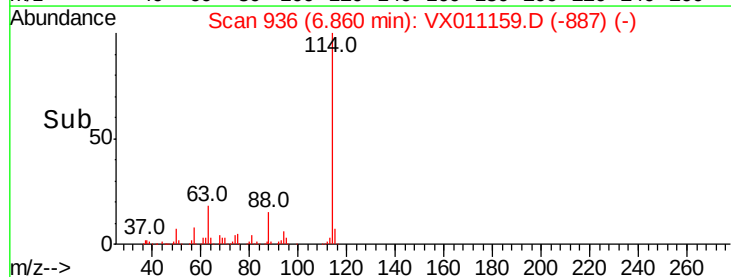
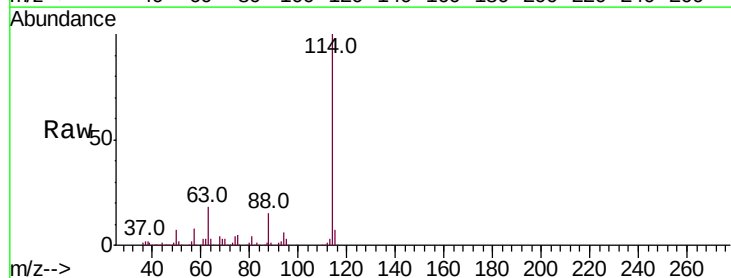
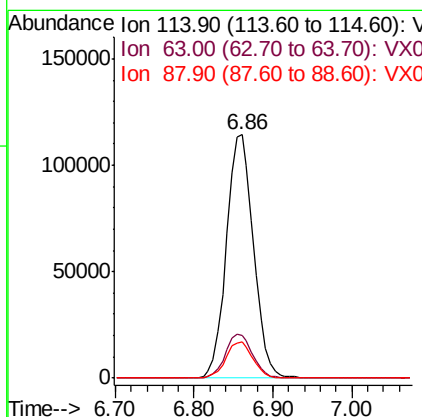
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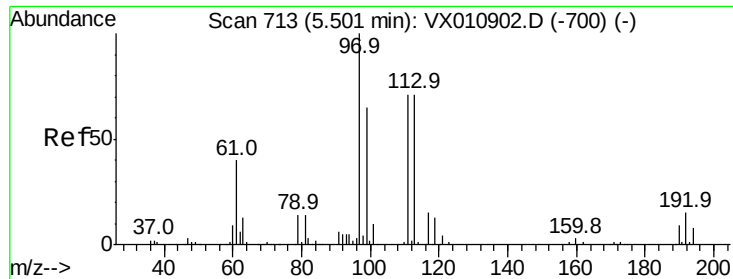
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX011159.D
 Acq: 29 Jul 2019 20:29

Tgt Ion	Ratio	Lower	Upper
114	100		
63	17.8	0.0	35.6
88	15.0	0.0	29.8





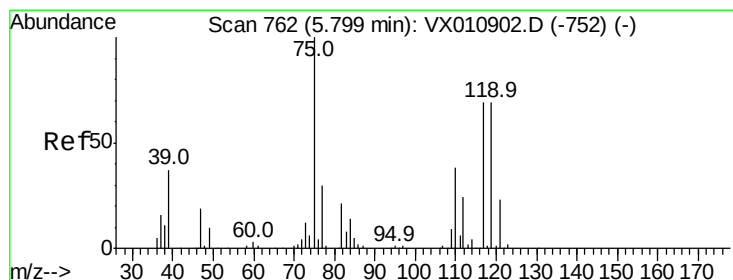
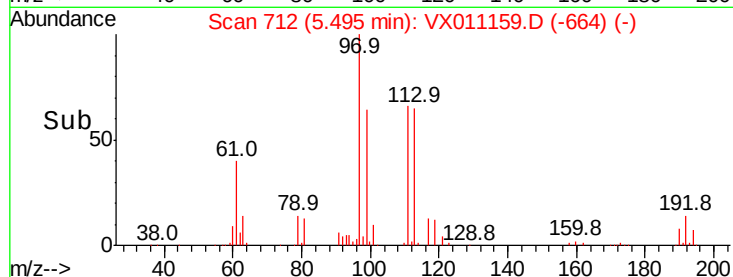
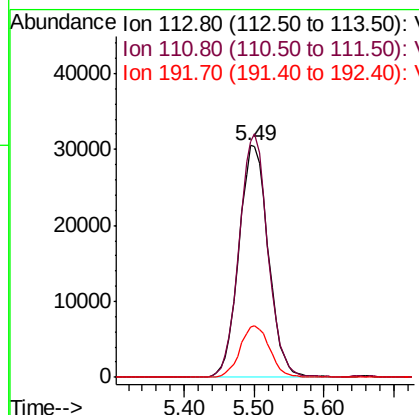
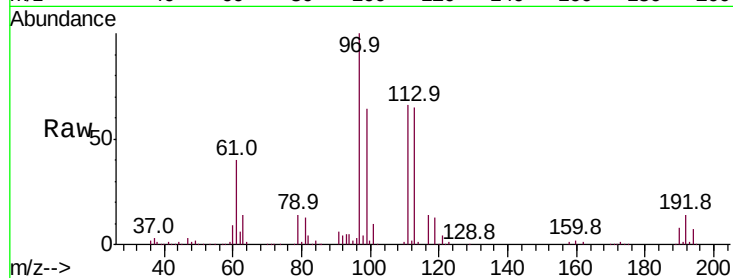
#35
 Dibromofluoromethane
 Concen: 51.523 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: VX011159.D
 Acq: 29 Jul 2019 20:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.3	123.5
192	22.4	17.4	26.2

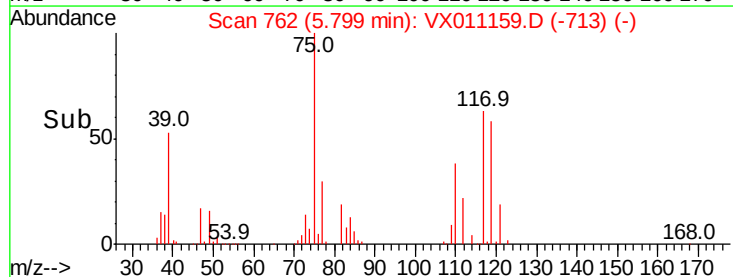
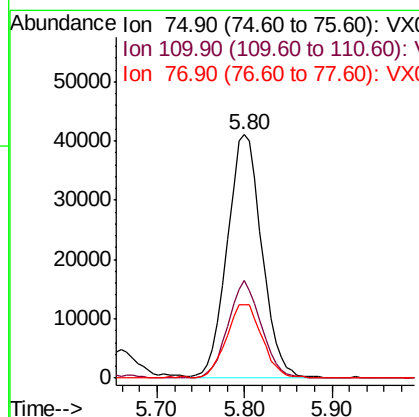
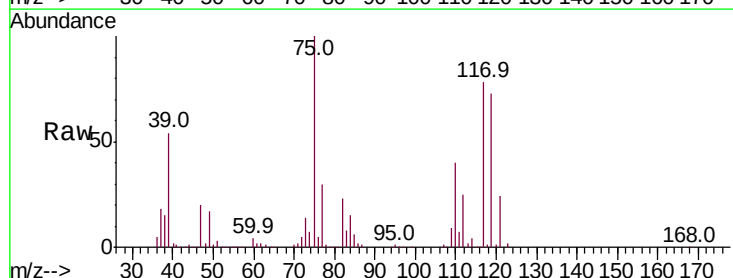
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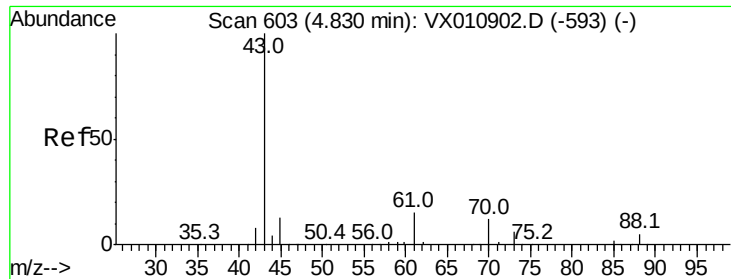
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#36
 1,1-Dichloropropene
 Concen: 50.076 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX011159.D
 Acq: 29 Jul 2019 20:29

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.6	19.9	59.7
77	31.6	25.0	37.4





#37

Ethyl Acetate

Concen: 53.280 ug/l

RT: 4.84 min Scan# 604

Delta R.T. 0.01 min

Lab File: VX011159.D

Acq: 29 Jul 2019 20:29

Instrument :

MSVOA_X

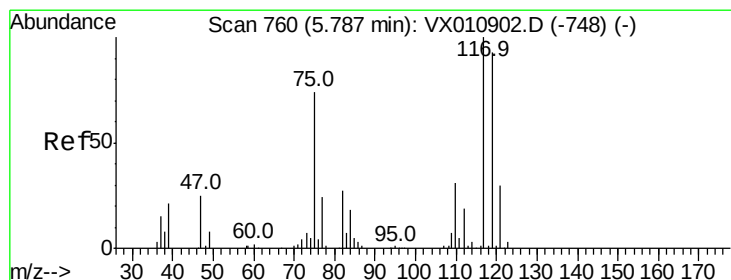
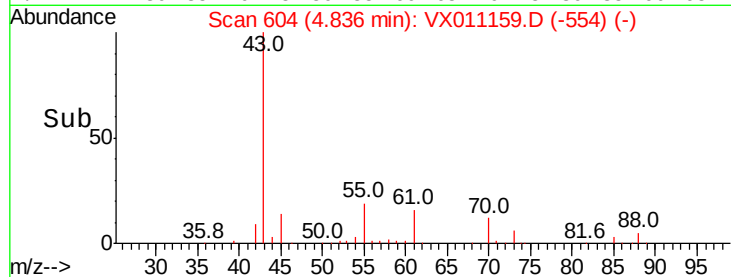
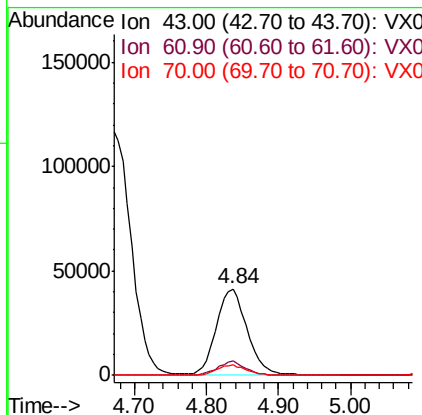
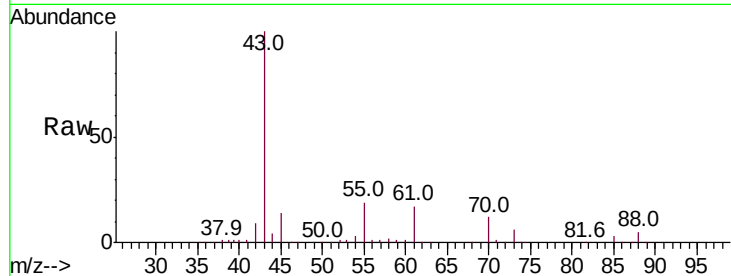
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	122437
Ion	Ratio	Lower	Upper
43	100		
61	14.8	11.6	17.4
70	11.4	9.1	13.7

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#38

Carbon Tetrachloride

Concen: 52.721 ug/l

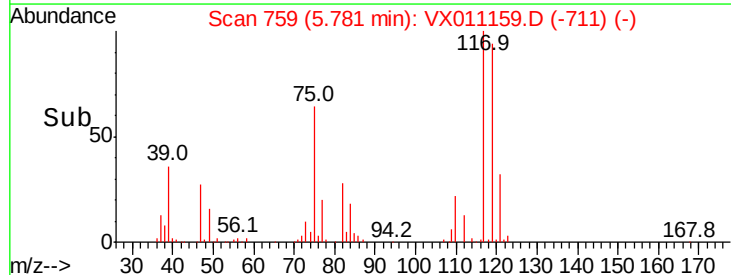
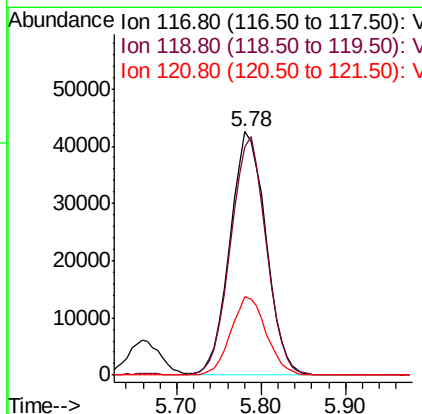
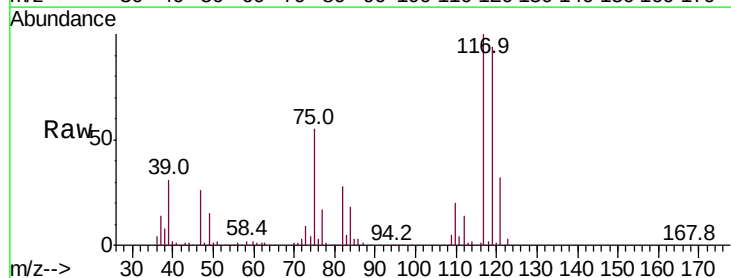
RT: 5.78 min Scan# 759

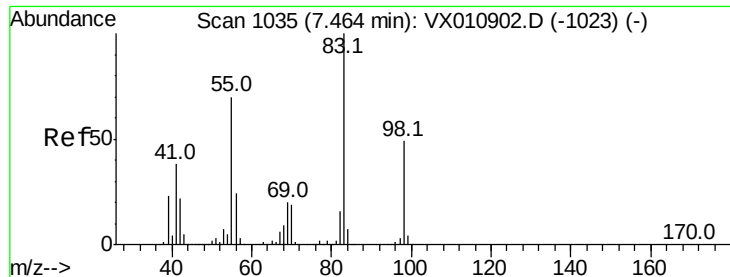
Delta R.T. -0.01 min

Lab File: VX011159.D

Acq: 29 Jul 2019 20:29

Tgt Ion:	117	Resp:	123290
Ion	Ratio	Lower	Upper
117	100		
119	93.8	74.2	111.2
121	32.0	24.2	36.2





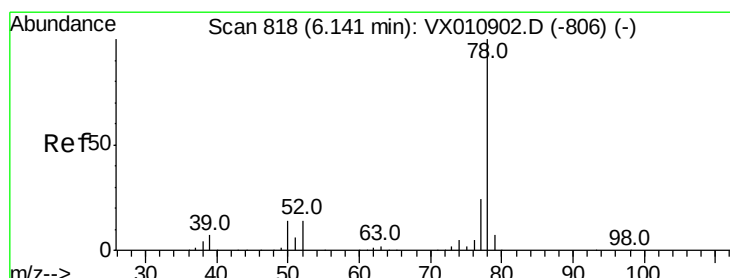
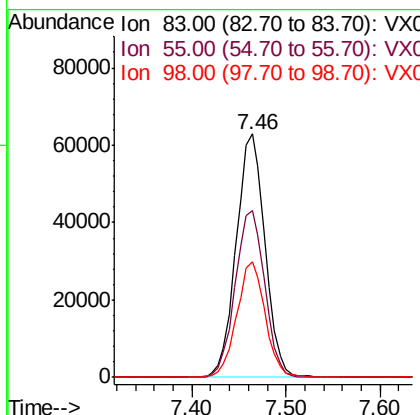
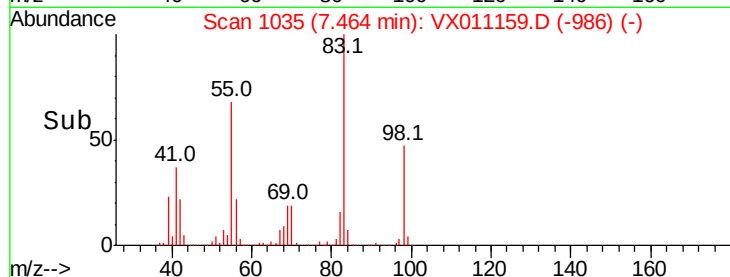
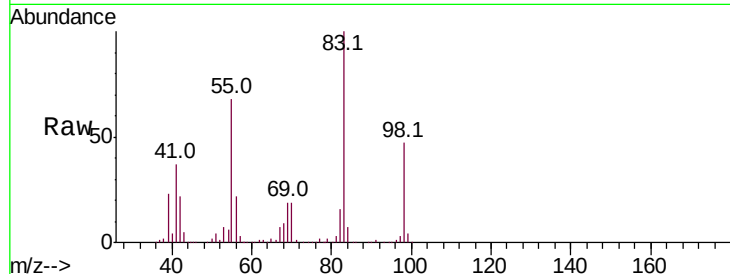
#39
Methylvlcyclohexane
Concen: 46.113 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX011159.D
Acq: 29 Jul 2019 20:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	68.3	56.2	84.4
98	47.5	39.0	58.4

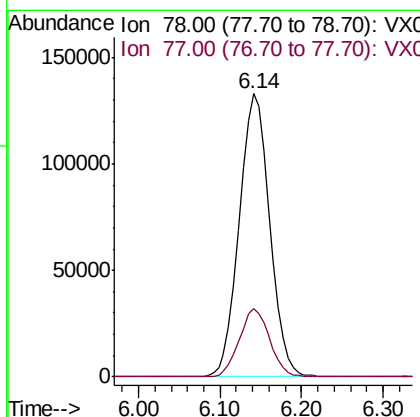
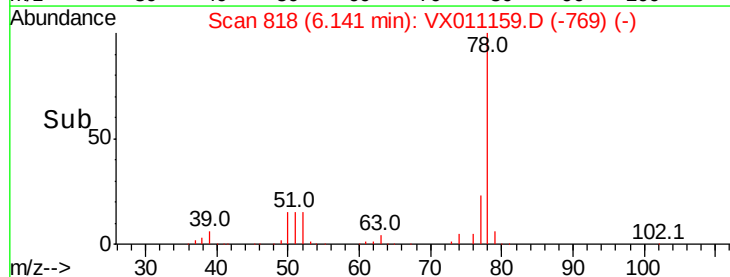
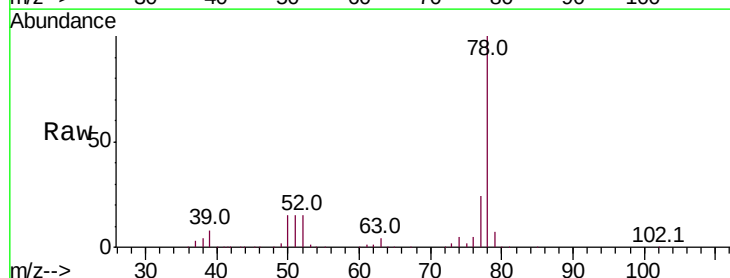
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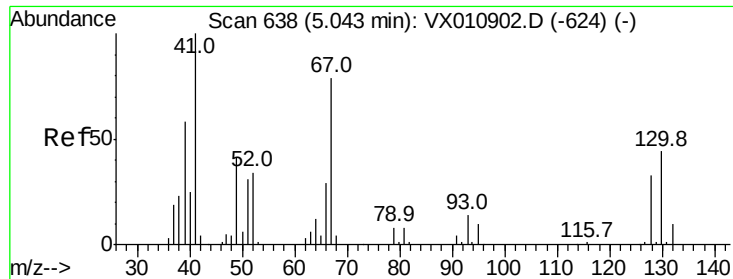
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#40
Benzene
Concen: 50.348 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX011159.D
Acq: 29 Jul 2019 20:29

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.0	28.6





#41

Methacrylonitrile

Concen: 53.083 ug/l

RT: 5.04 min Scan# 638

Delta R.T. 0.00 min

Lab File: VX011159.D

Acq: 29 Jul 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 69247
Ion Ratio Lower Upper

41 100

39 56.4 45.4 68.2

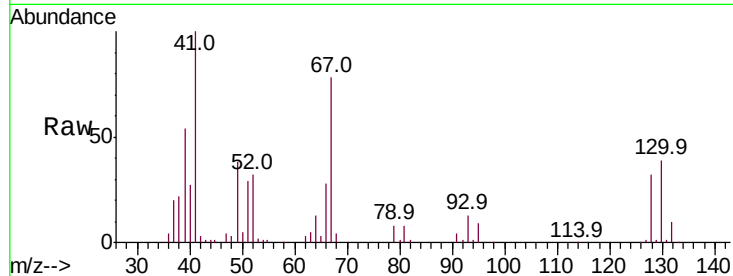
67 77.0 65.9 98.9

52 31.2 26.2 39.2

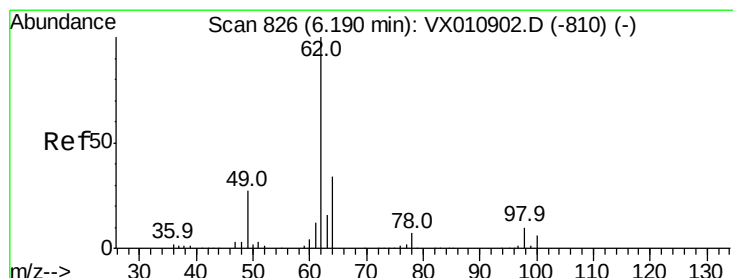
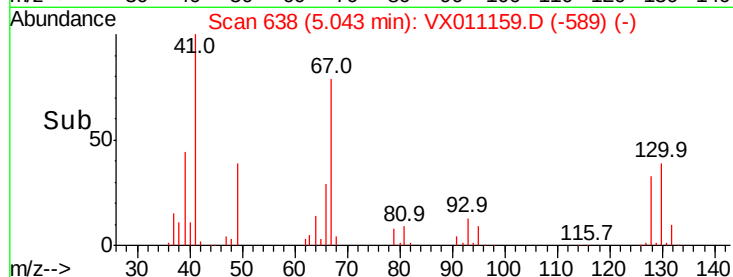
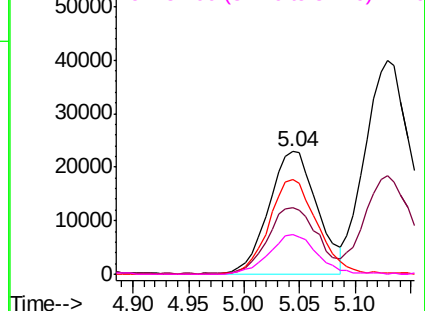
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Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 52.805 ug/l

RT: 6.19 min Scan# 826

Delta R.T. 0.00 min

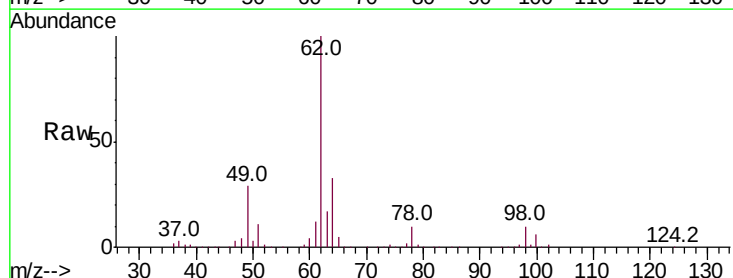
Lab File: VX011159.D

Acq: 29 Jul 2019 20:29

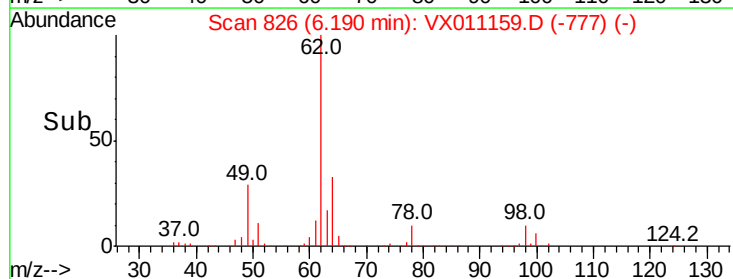
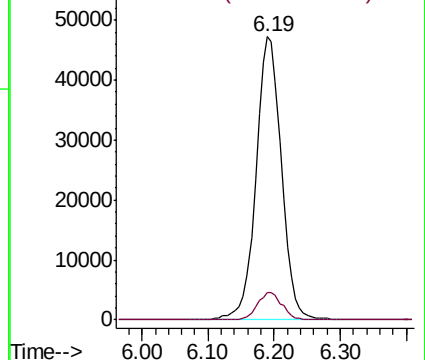
Tgt Ion: 62 Resp: 126216
Ion Ratio Lower Upper

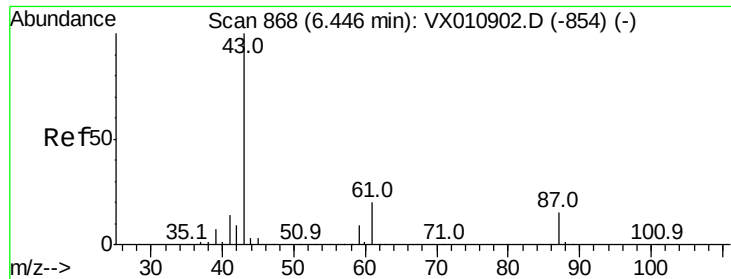
62 100

98 9.5 0.0 20.0



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 52.097 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX011159.D

Acq: 29 Jul 2019 20:29

Instrument :

MSVOA_X

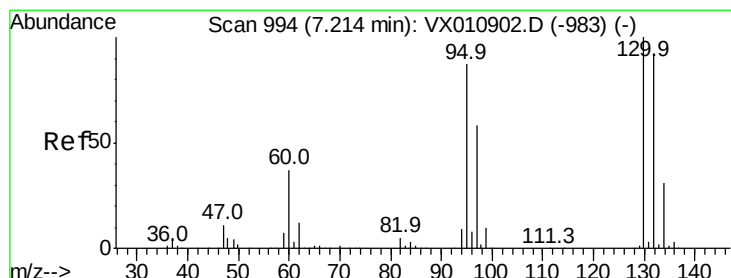
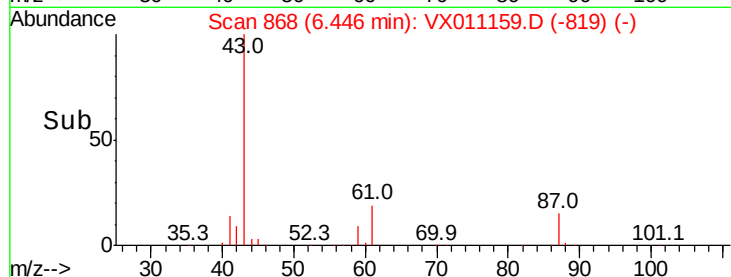
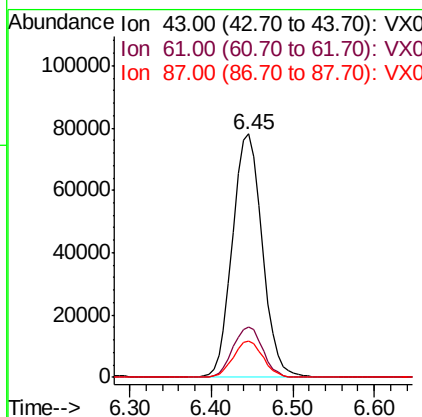
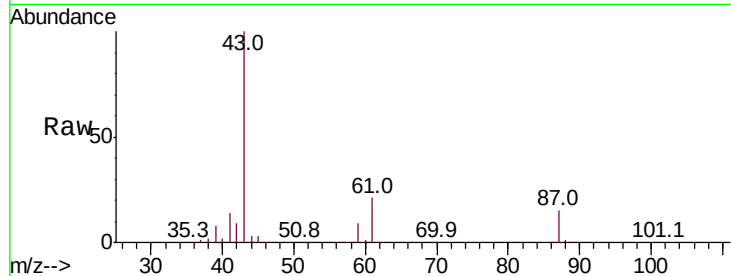
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	196853
Ion	Ratio	Lower	Upper
43	100		
61	20.9	17.1	25.7
87	14.9	12.0	18.0

Manual Integrations
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#44

Trichloroethene

Concen: 49.259 ug/l

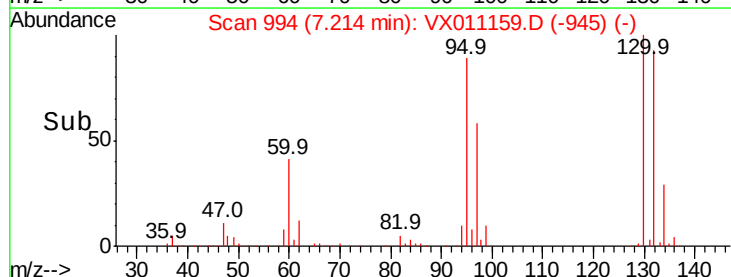
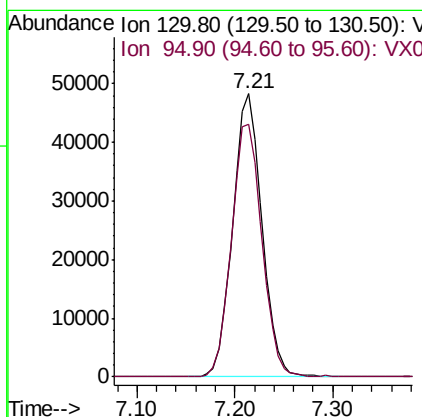
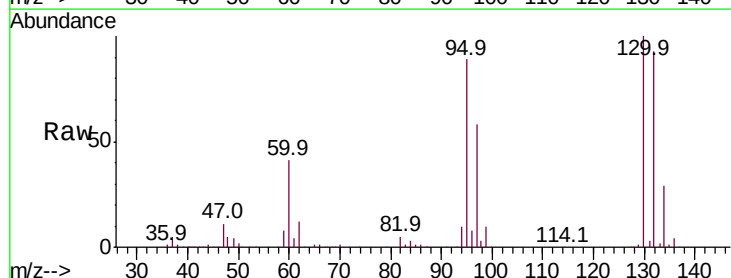
RT: 7.21 min Scan# 994

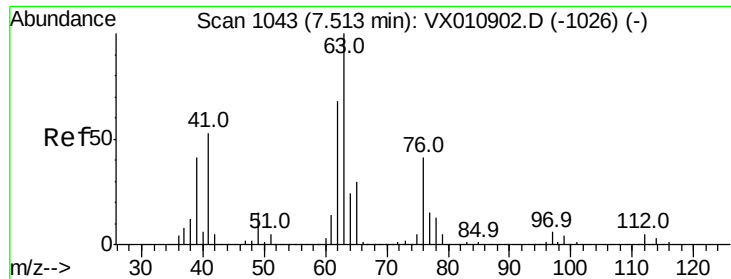
Delta R.T. 0.00 min

Lab File: VX011159.D

Acq: 29 Jul 2019 20:29

Tgt Ion:	130	Resp:	100235
Ion	Ratio	Lower	Upper
130	100		
95	89.4	0.0	174.8





#45

1,2-Dichloropropane

Concen: 51.324 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX011159.D

Acq: 29 Jul 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 89800

Ion Ratio Lower Upper

63 100

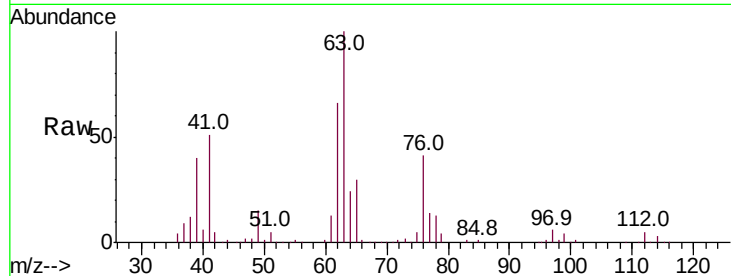
65 30.5 24.4 36.6

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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.51

40000

30000

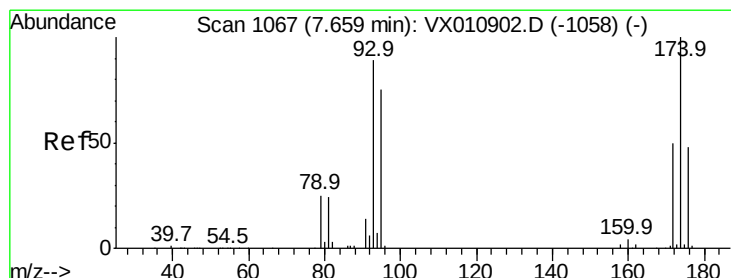
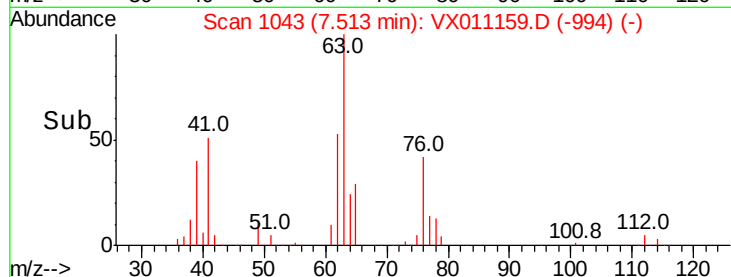
20000

10000

0

7.40 7.50 7.60

Time-->



#46

Dibromomethane

Concen: 52.730 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX011159.D

Acq: 29 Jul 2019 20:29

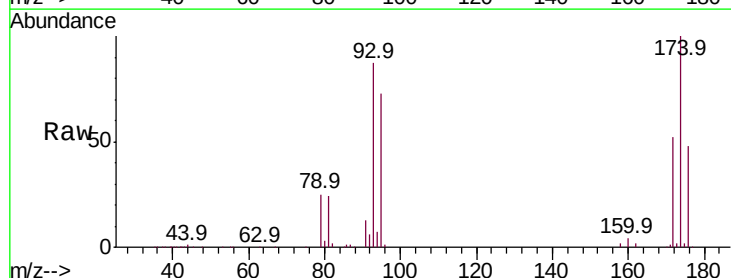
Tgt Ion: 93 Resp: 65926

Ion Ratio Lower Upper

93 100

95 82.8 67.2 100.8

174 113.5 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

50000

40000

30000

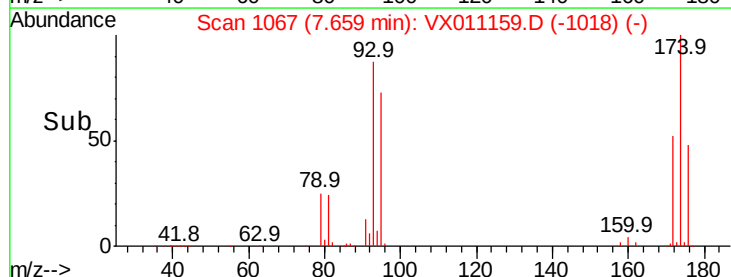
20000

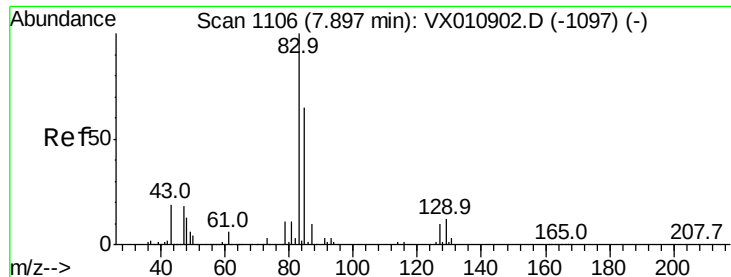
10000

0

7.55 7.60 7.65 7.70 7.75

Time-->





#47

Bromodichloromethane

Concen: 54.987 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX011159.D

Acq: 29 Jul 2019 20:29

Instrument :

MSVOA_X

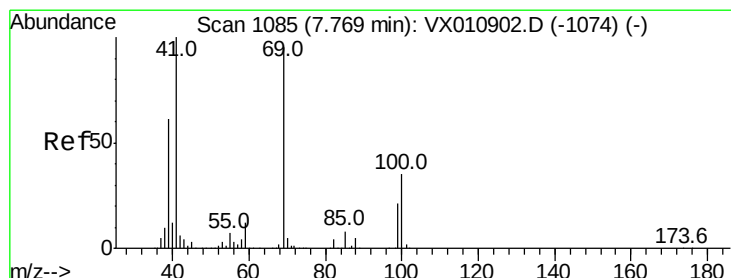
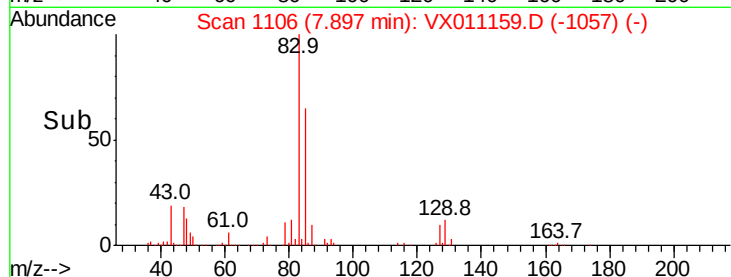
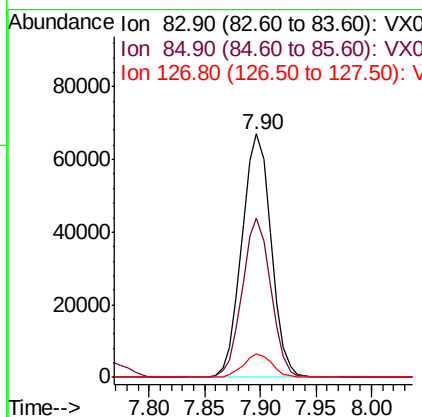
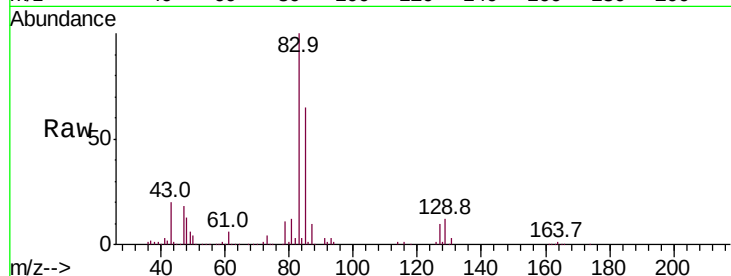
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	122377
Ion	Ratio	Lower	Upper
83	100		
85	65.3	52.5	78.7
127	9.8	7.8	11.8

Manual Integrations
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#48

Methyl methacrylate

Concen: 53.516 ug/l

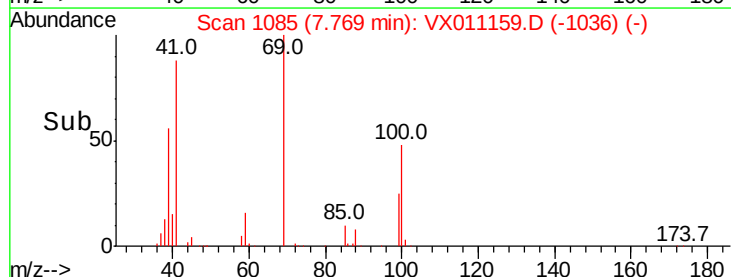
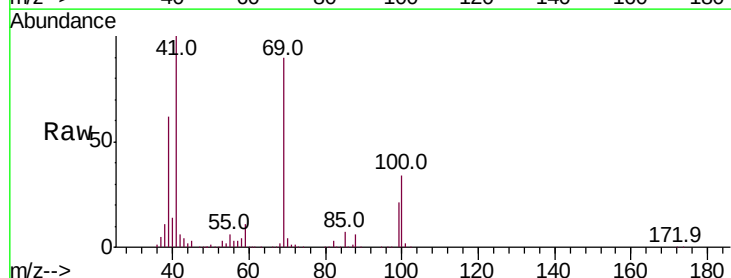
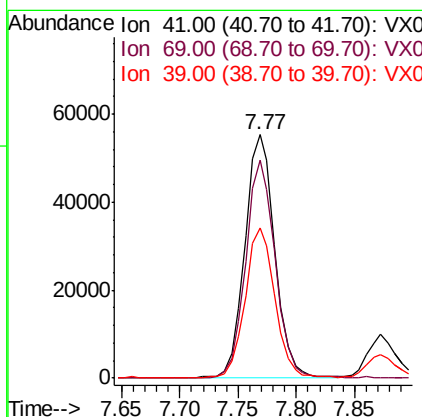
RT: 7.77 min Scan# 1085

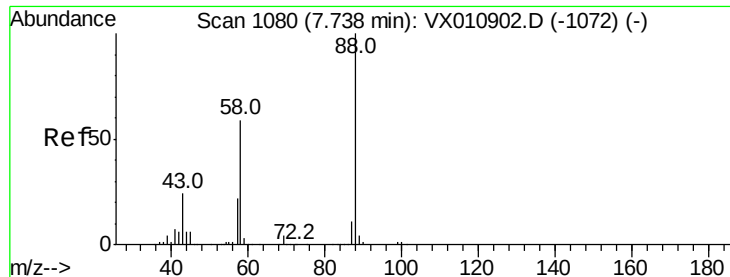
Delta R.T. 0.00 min

Lab File: VX011159.D

Acq: 29 Jul 2019 20:29

Tgt Ion:	41	Resp:	98509
Ion	Ratio	Lower	Upper
41	100		
69	89.2	74.4	111.6
39	60.9	48.9	73.3





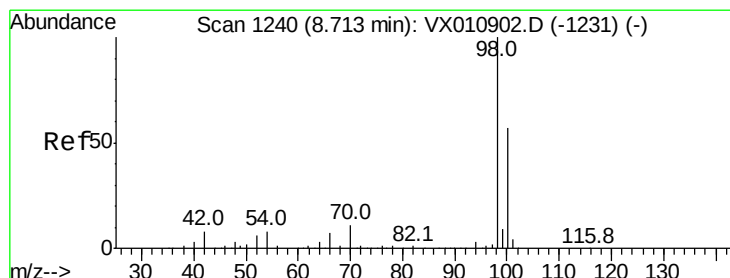
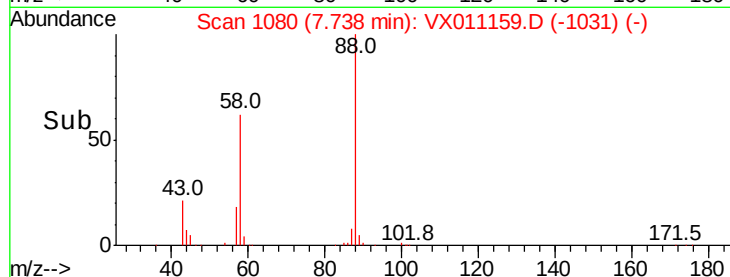
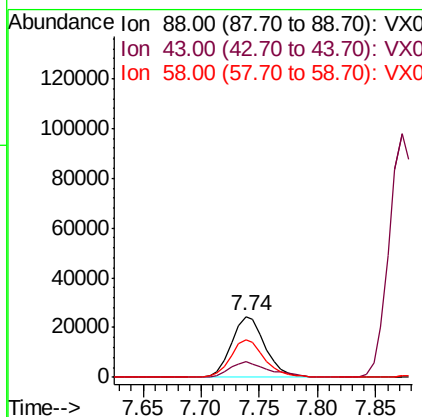
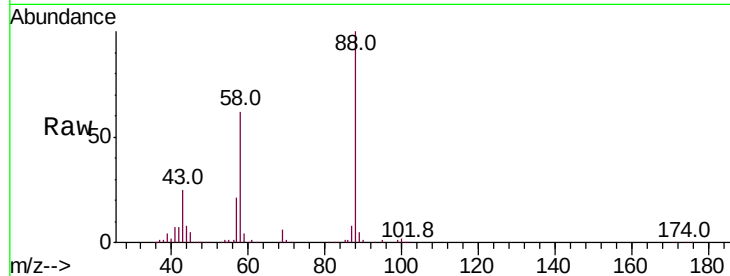
#49
1,4-Dioxane
Concen: 946.966 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX011159.D
Acq: 29 Jul 2019 20:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.9	22.9	34.3
58	63.3	49.8	74.8

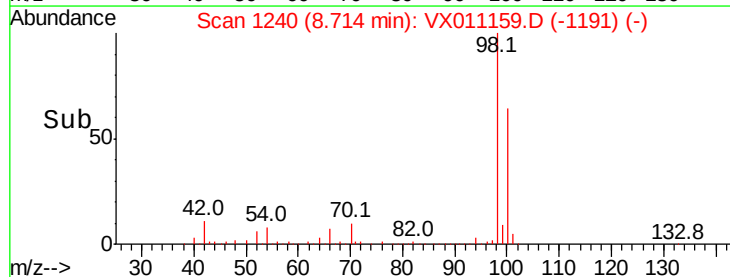
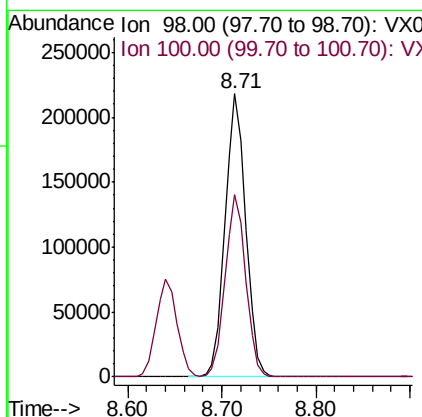
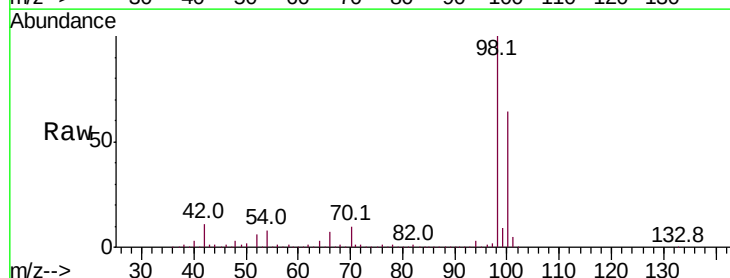
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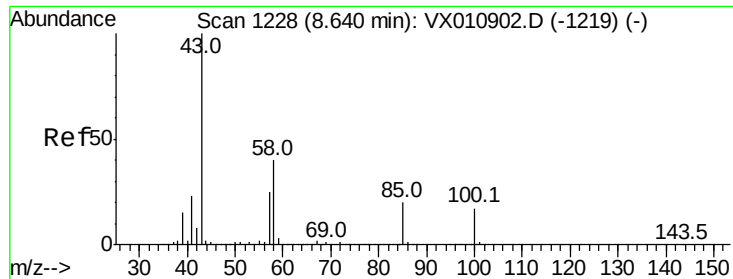
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#50
Toluene-d8
Concen: 50.810 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011159.D
Acq: 29 Jul 2019 20:29

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.0	50.6	75.8





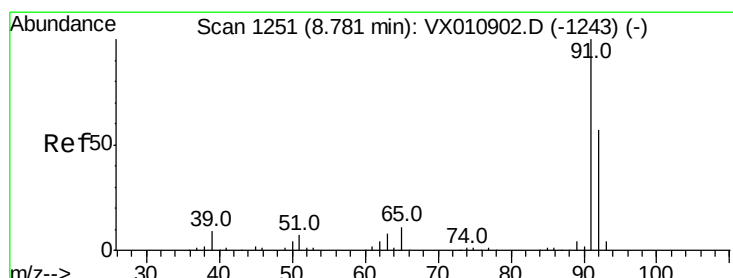
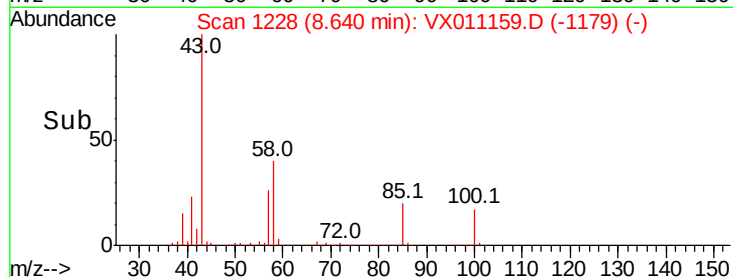
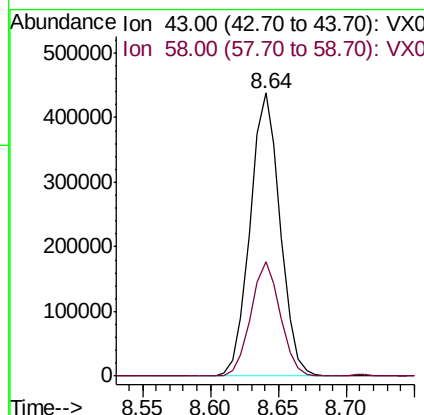
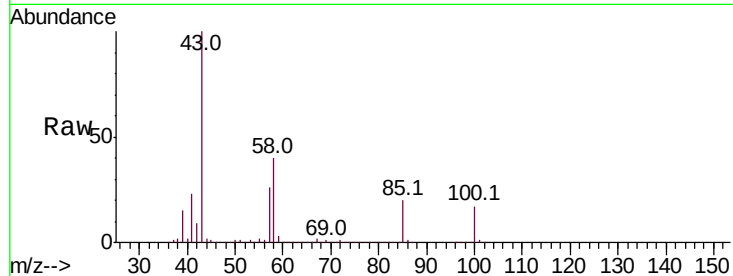
#51
4-Methyl-2-Pentanone
Concen: 276.627 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VX011159.D
Acq: 29 Jul 2019 20:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	39.5	32.2	48.4

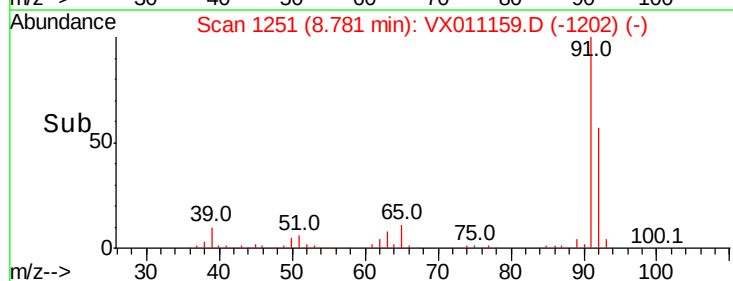
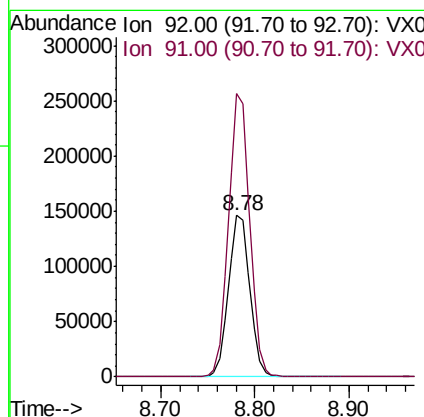
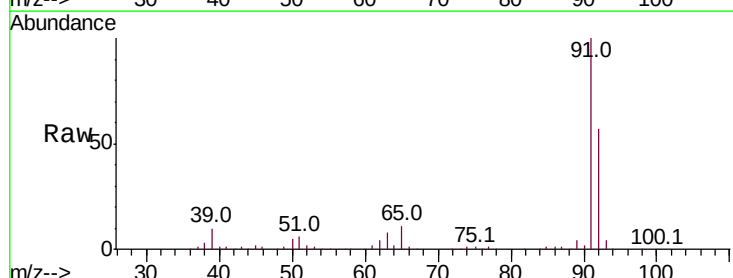
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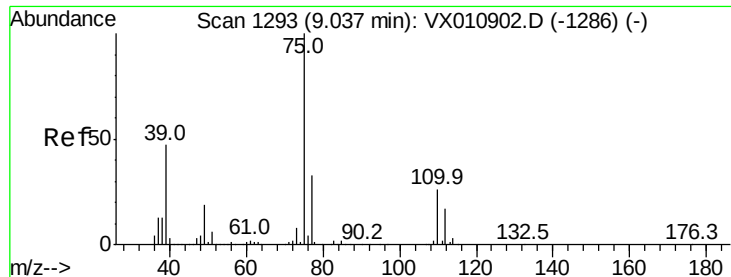
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#52
Toluene
Concen: 50.801 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. 0.00 min
Lab File: VX011159.D
Acq: 29 Jul 2019 20:29

Tgt Ion	Ratio	Lower	Upper
92	100		
91	174.3	139.4	209.0





#53

t-1,3-Dichloropropene

Concen: 54.136 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.01 min

Lab File: VX011159.D

Acq: 29 Jul 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 129550

Ion Ratio Lower Upper

75 100

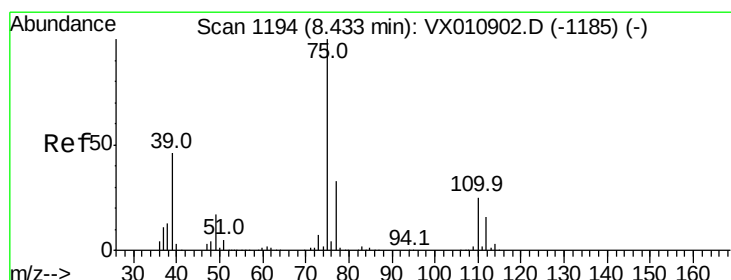
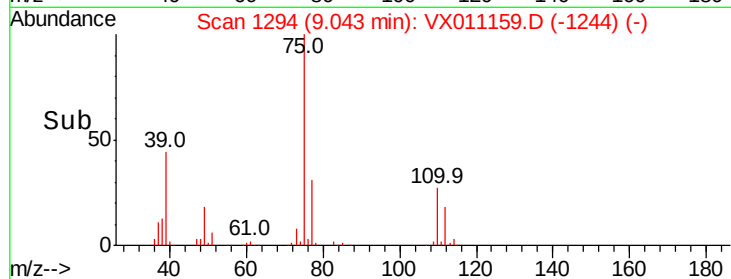
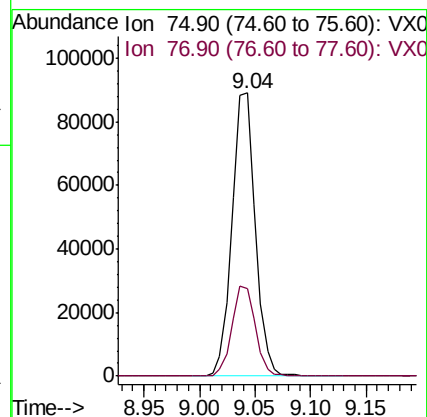
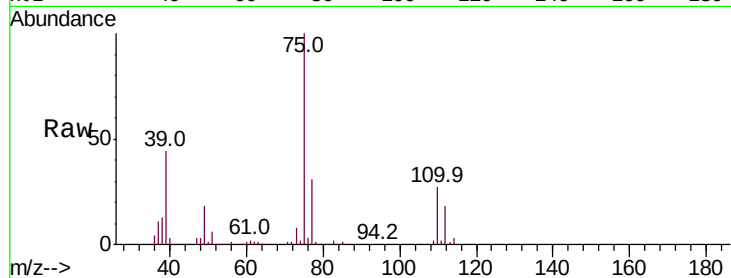
77 30.7 26.2 39.2

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 52.656 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX011159.D

Acq: 29 Jul 2019 20:29

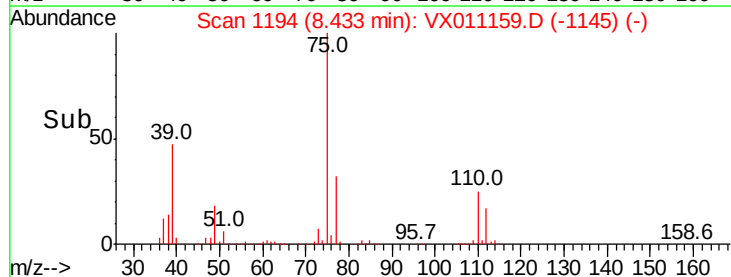
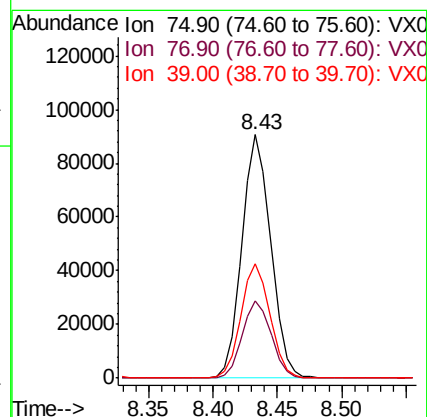
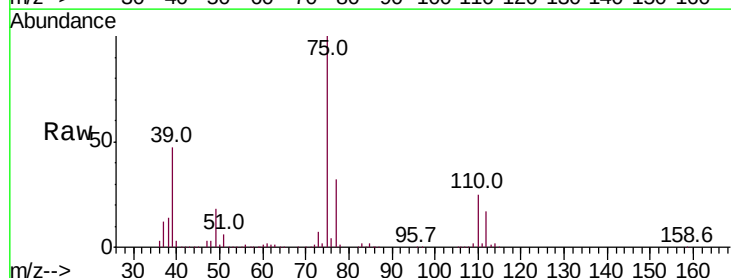
Tgt Ion: 75 Resp: 140213

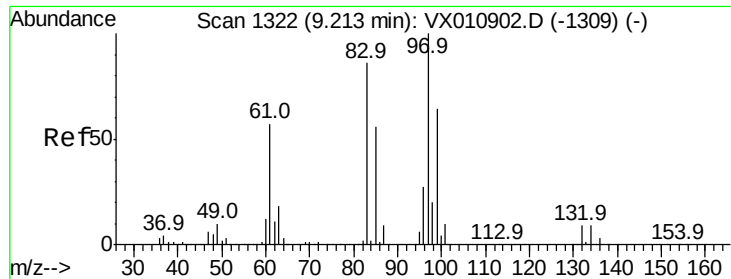
Ion Ratio Lower Upper

75 100

77 31.6 26.1 39.1

39 46.9 36.6 54.8





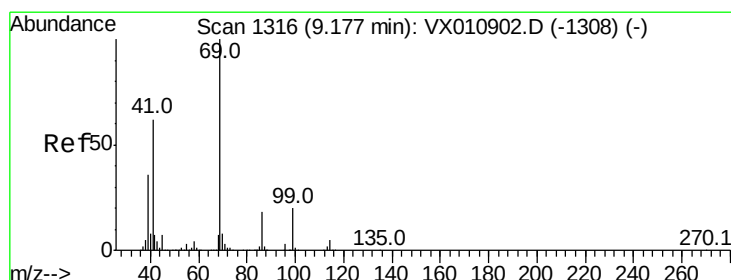
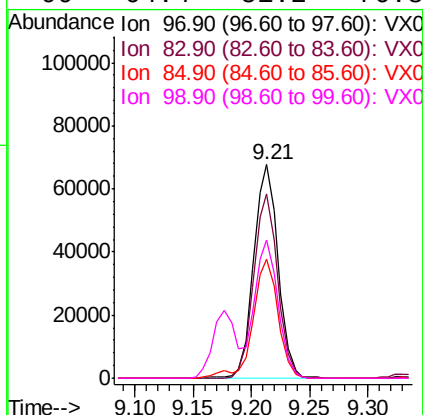
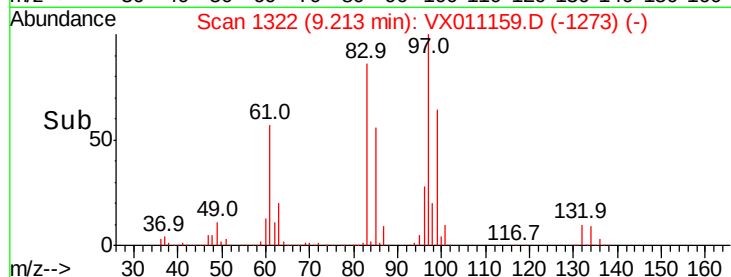
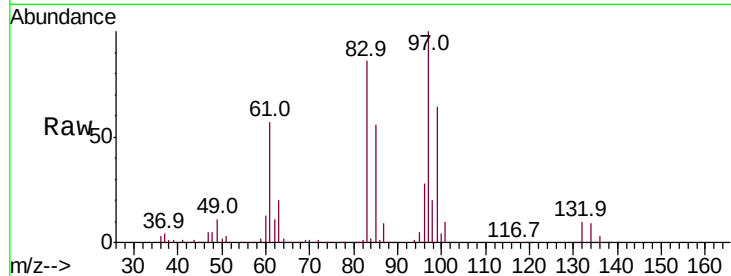
#55
 1,1,2-Trichloroethane
 Concen: 53.216 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX011159.D
 Acq: 29 Jul 2019 20:29

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
97	100		
83	86.4	69.2	103.8
85	56.0	44.6	66.8
99	64.4	51.2	76.8

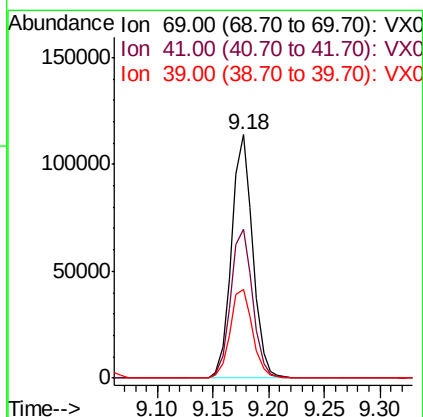
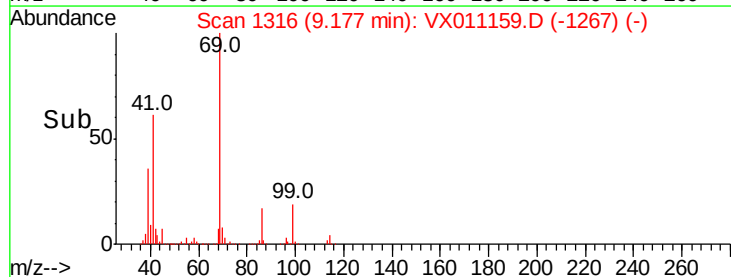
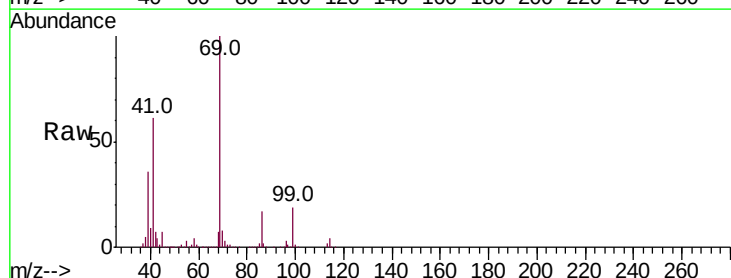
Manual Integrations
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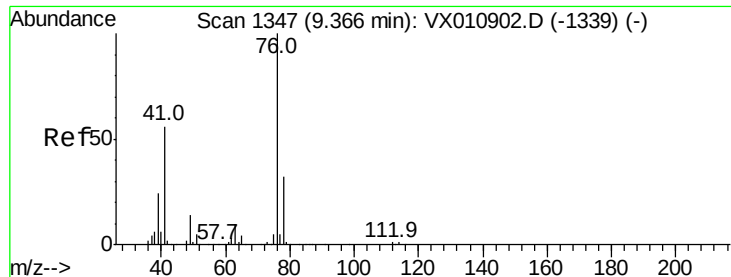
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#56
 Ethyl methacrylate
 Concen: 55.036 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX011159.D
 Acq: 29 Jul 2019 20:29

Tgt Ion	Ratio	Lower	Upper
69	100		
41	63.3	49.7	74.5
39	38.0	29.6	44.4





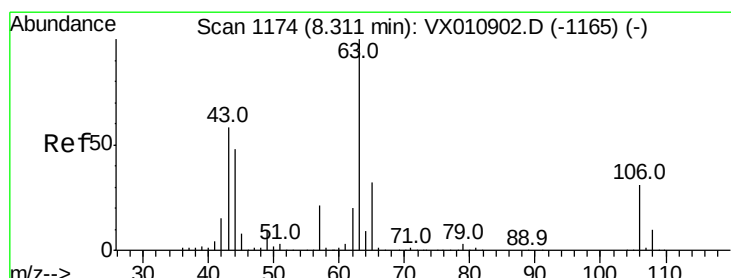
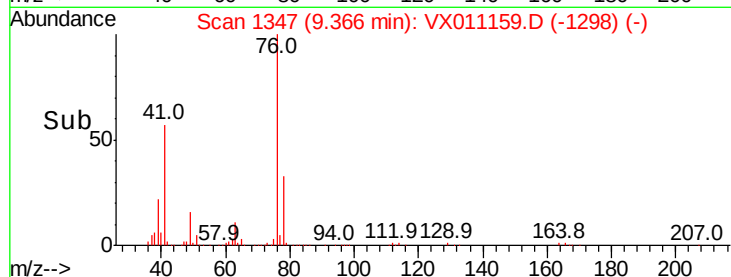
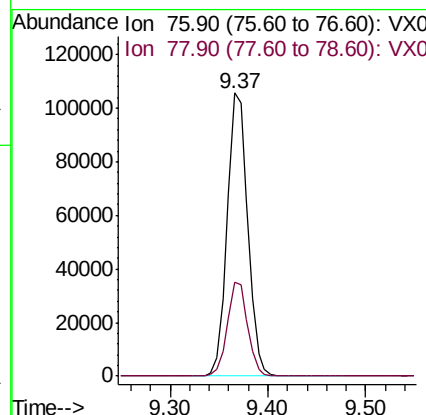
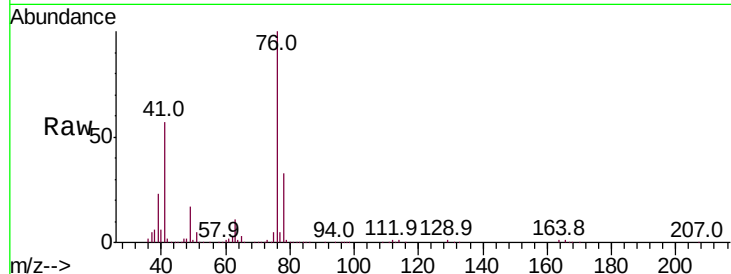
#57
 1,3-Dichloropropane
 Concen: 52.321 ug/l
 RT: 9.37 min Scan# 1347
 Delta R.T. 0.00 min
 Lab File: VX011159.D
 Acq: 29 Jul 2019 20:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.7	25.6	38.4

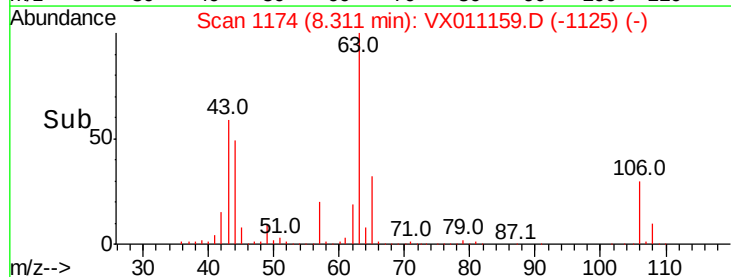
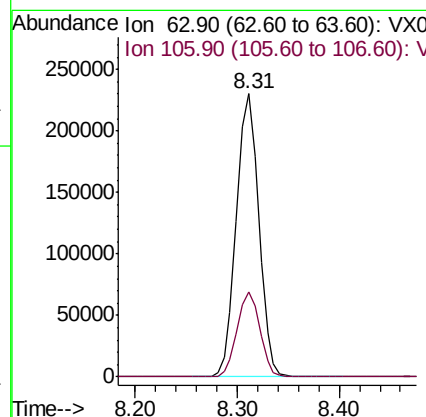
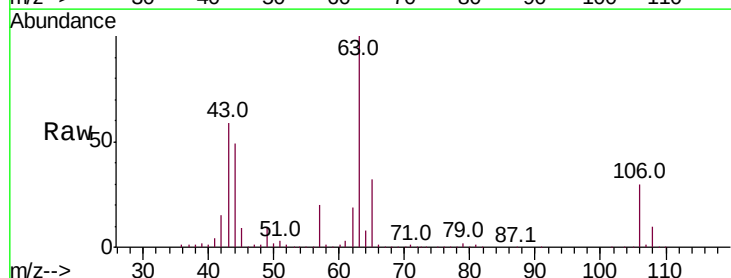
Manual Integrations
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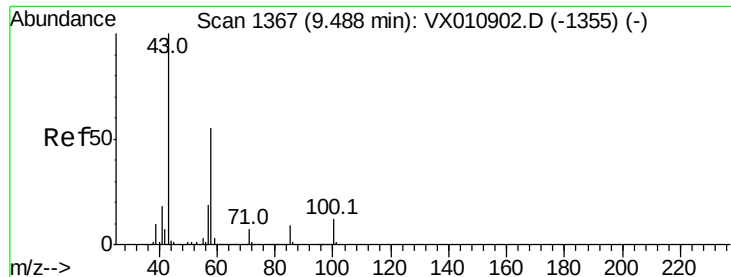
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#58
 2-Chloroethyl Vinyl ether
 Concen: 269.657 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX011159.D
 Acq: 29 Jul 2019 20:29

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.2	24.0	36.0





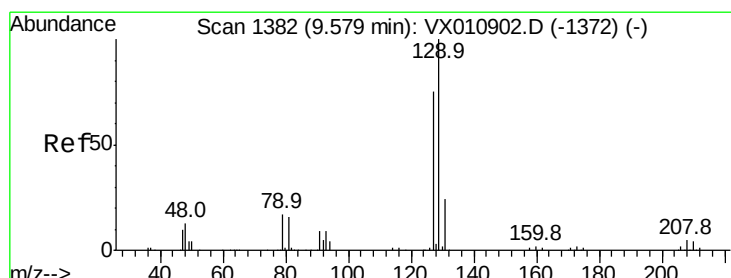
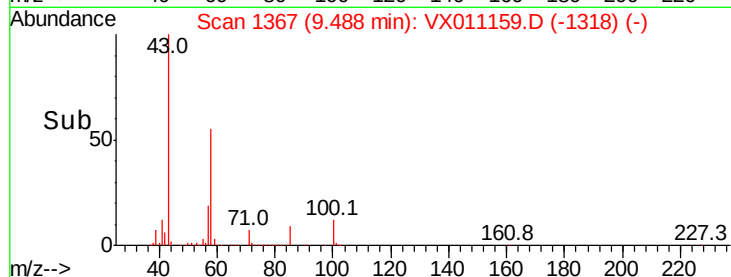
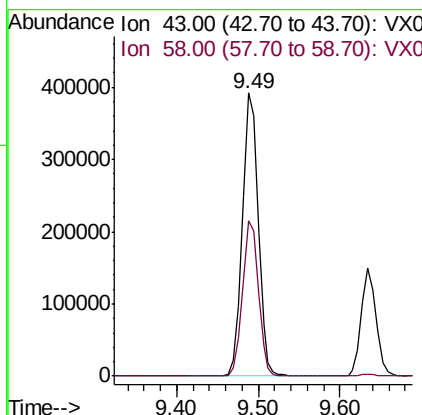
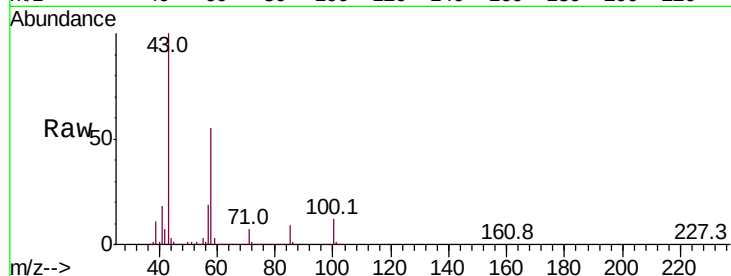
#59
2-Hexanone
Concen: 275.571 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX011159.D
Acq: 29 Jul 2019 20:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 523533
Ion Ratio Lower Upper
43 100
58 55.1 28.0 83.9

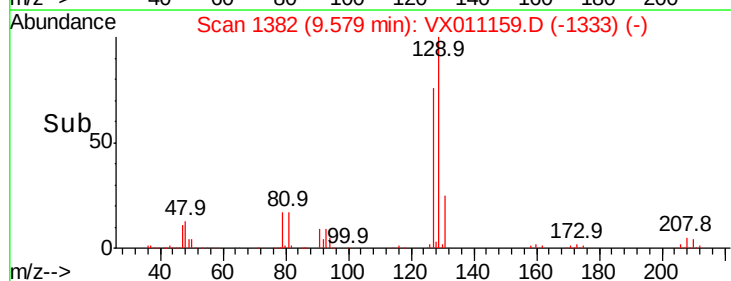
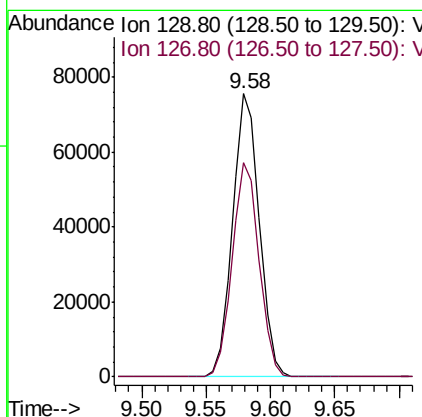
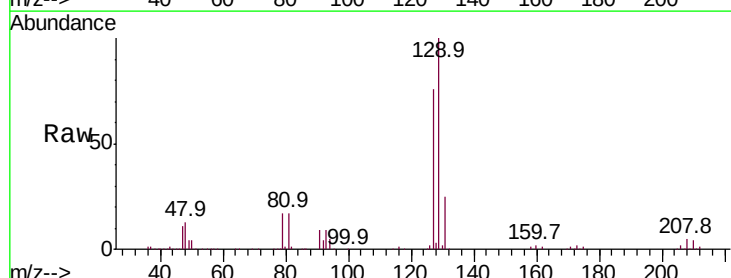
Manual Integrations
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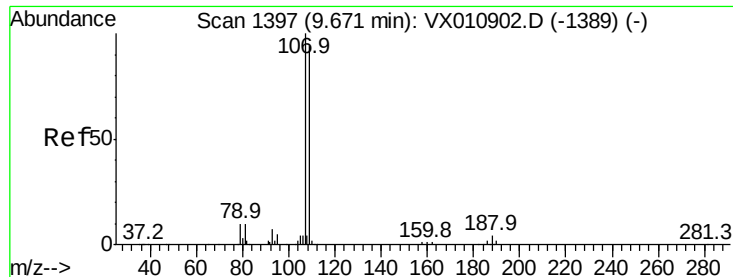
MMDadoda
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#60
Dibromochloromethane
Concen: 50.913 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX011159.D
Acq: 29 Jul 2019 20:29

Tgt Ion: 129 Resp: 109057
Ion Ratio Lower Upper
129 100
127 76.6 38.6 115.8





#61

1,2-Dibromoethane

Concen: 53.933 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX011159.D

Acq: 29 Jul 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:107 Resp: 106429

Ion Ratio Lower Upper

107 100

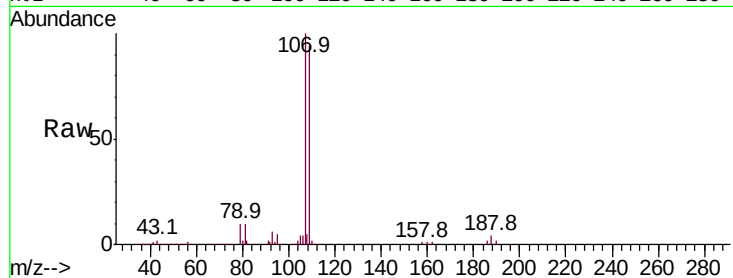
109 94.4 75.4 113.0

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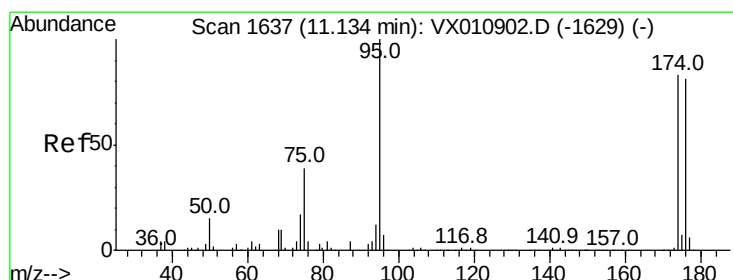
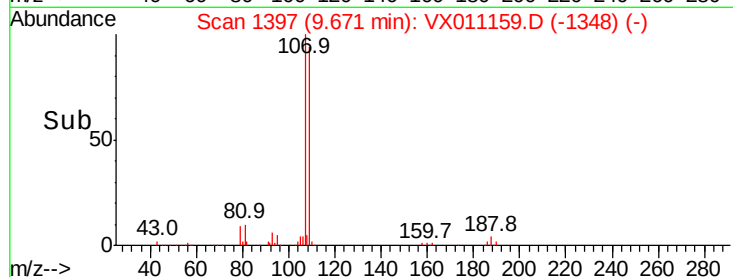
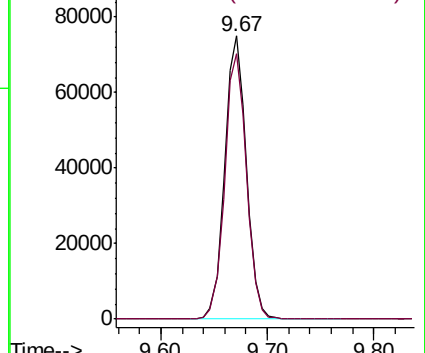
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 53.254 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011159.D

Acq: 29 Jul 2019 20:29

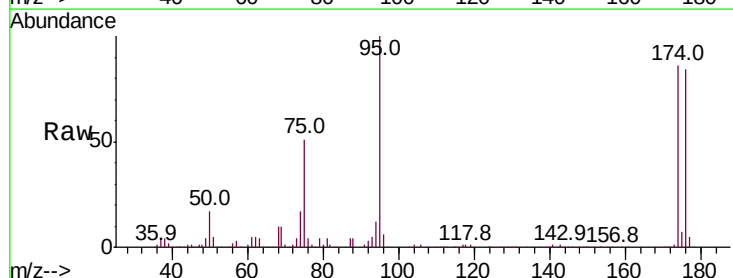
Tgt Ion: 95 Resp: 127316

Ion Ratio Lower Upper

95 100

174 88.9 0.0 180.6

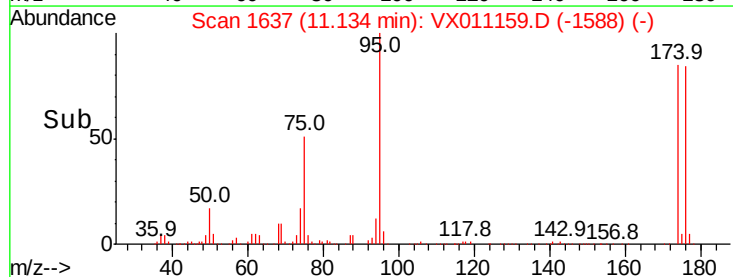
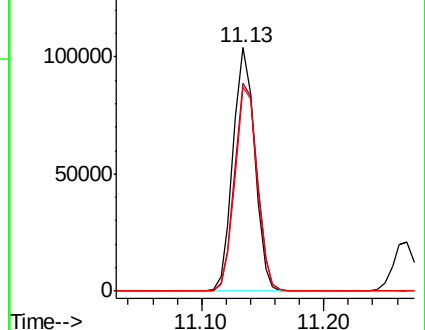
176 85.8 0.0 173.8

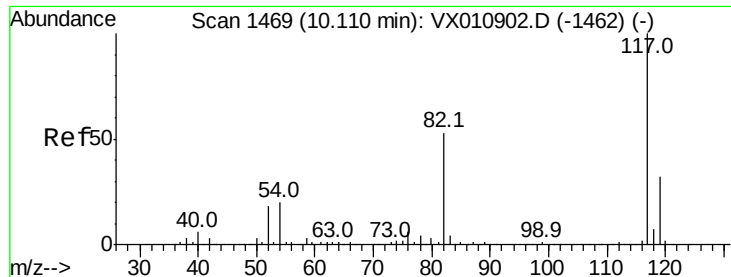


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





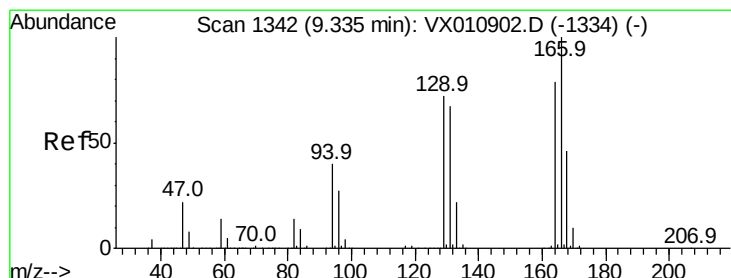
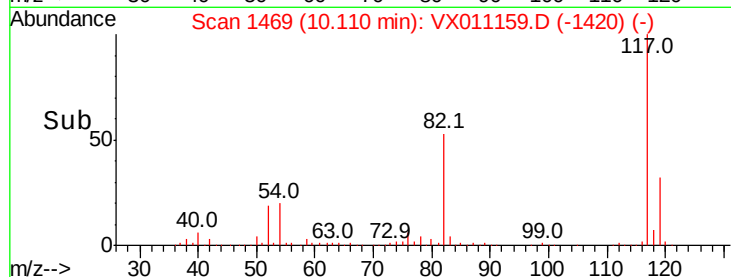
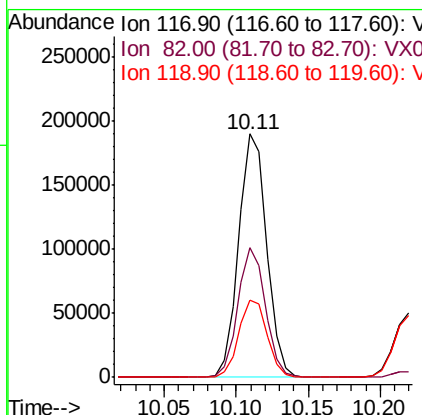
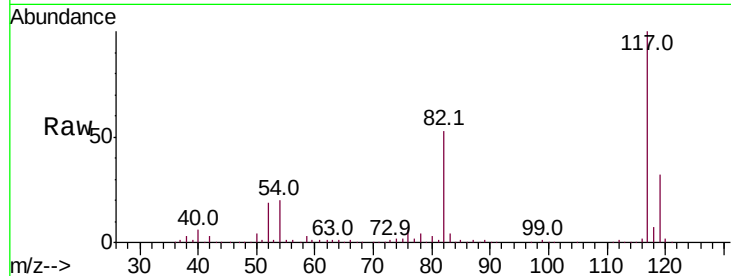
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011159.D
Acq: 29 Jul 2019 20:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.3	42.6	63.8
119	31.9	25.9	38.9

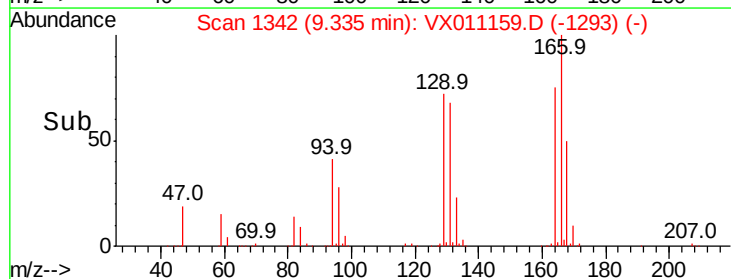
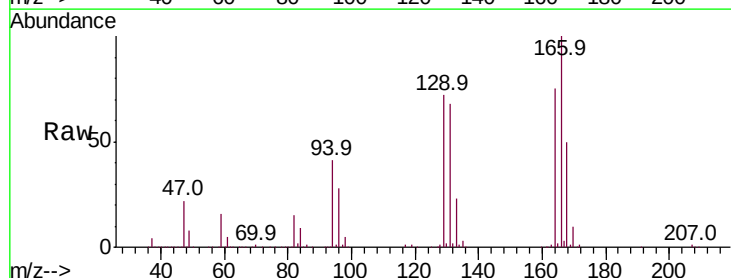
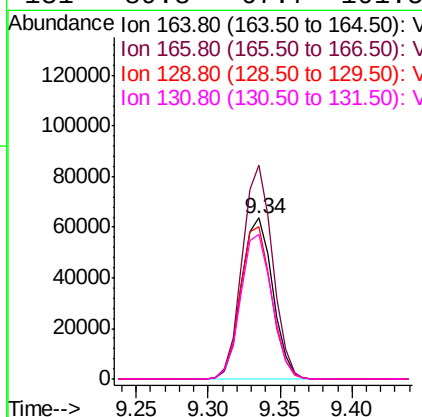
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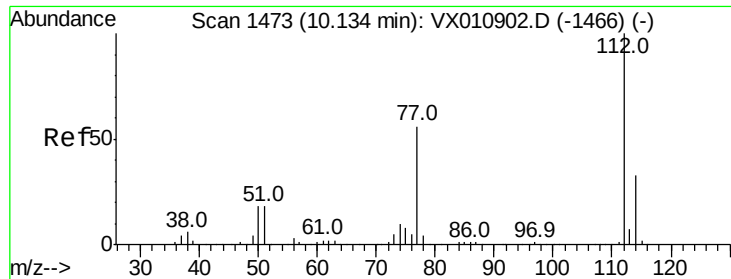
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#64
Tetrachloroethene
Concen: 47.413 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX011159.D
Acq: 29 Jul 2019 20:29

Tgt Ion	Ratio	Lower	Upper
164	100		
166	132.5	100.8	151.2
129	94.8	72.6	109.0
131	89.8	67.7	101.5





#65

Chlorobenzene

Concen: 50.052 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. 0.00 min

Lab File: VX011159.D

Acq: 29 Jul 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 263752

Ion Ratio Lower Upper

112 100

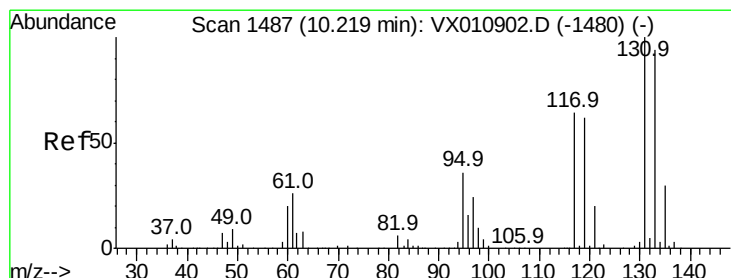
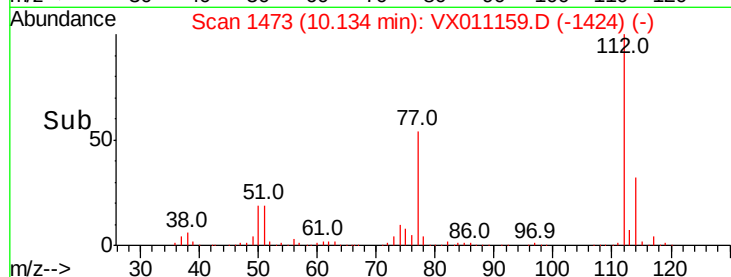
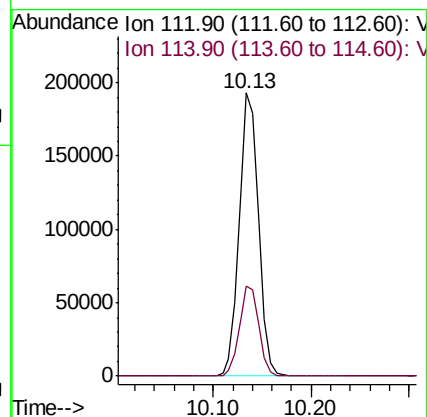
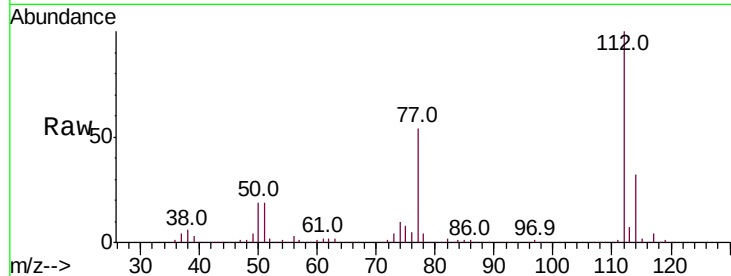
114 32.0 26.2 39.4

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#66

1,1,1,2-Tetrachloroethane

Concen: 53.408 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX011159.D

Acq: 29 Jul 2019 20:29

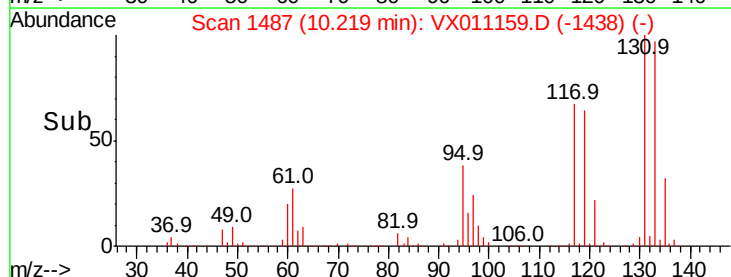
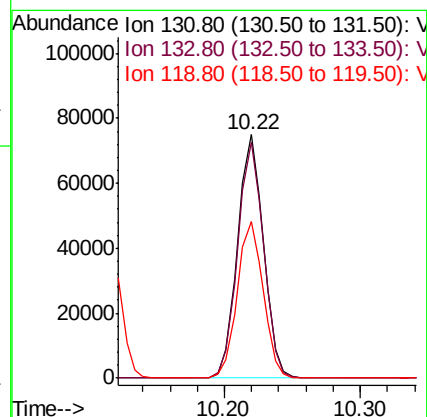
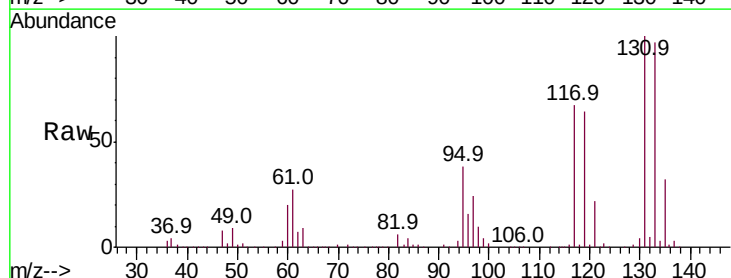
Tgt Ion:131 Resp: 98911

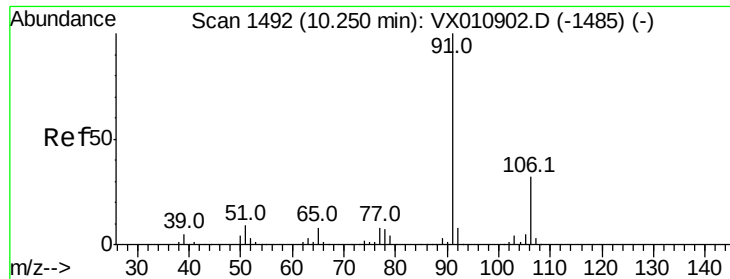
Ion Ratio Lower Upper

131 100

133 97.0 47.1 141.4

119 64.8 31.9 95.7





#67

Ethyl Benzene

Concen: 50.958 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX011159.D

Acq: 29 Jul 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 457066

Ion Ratio Lower Upper

91 100

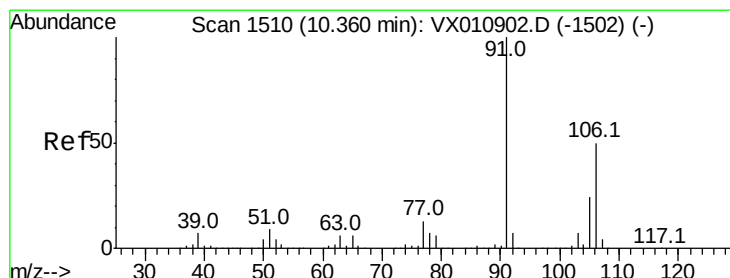
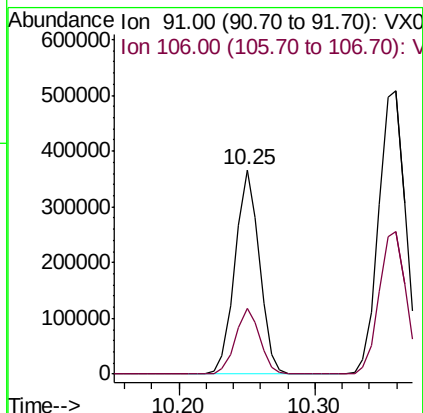
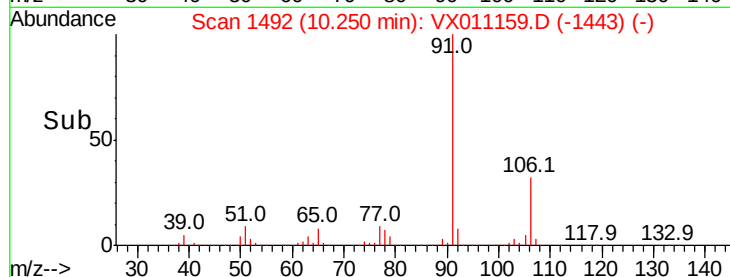
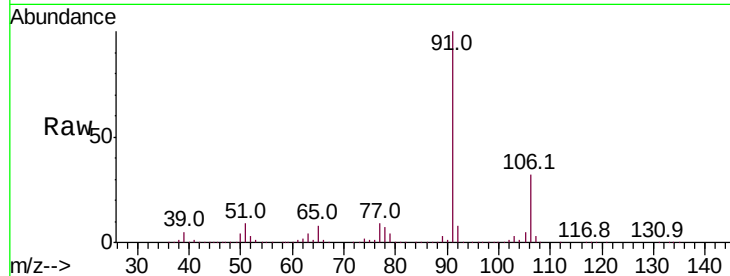
106 32.2 25.4 38.2

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#68

m/p-Xylenes

Concen: 101.839 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX011159.D

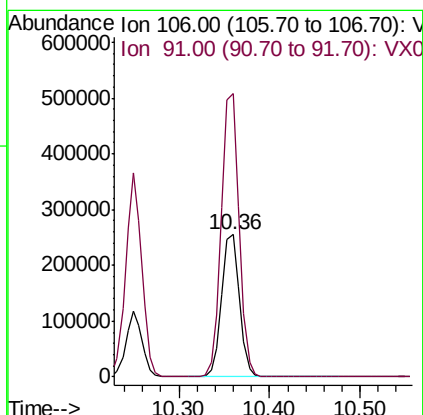
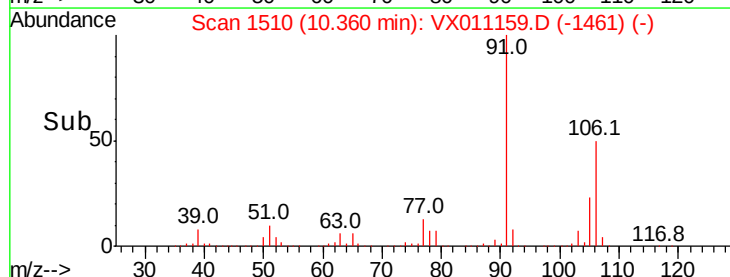
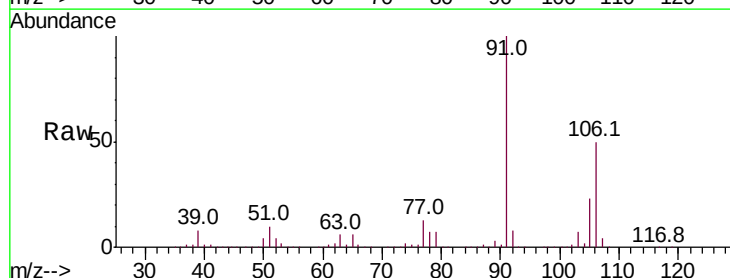
Acq: 29 Jul 2019 20:29

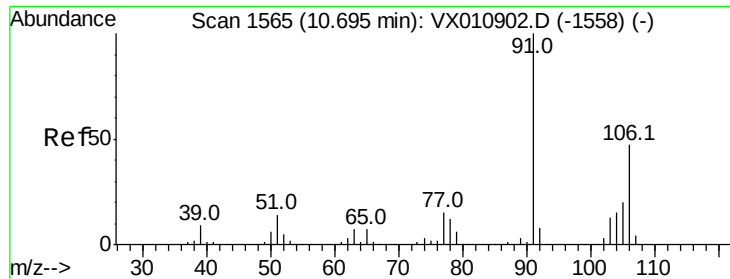
Tgt Ion: 106 Resp: 350386

Ion Ratio Lower Upper

106 100

91 199.1 160.1 240.1





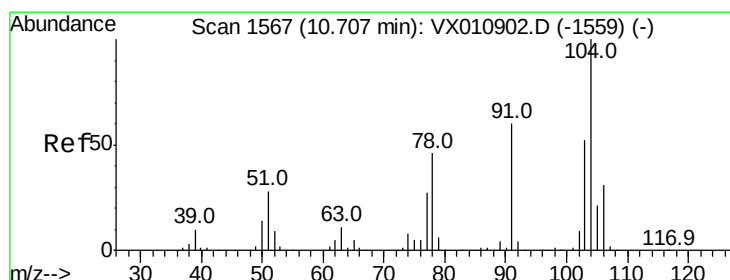
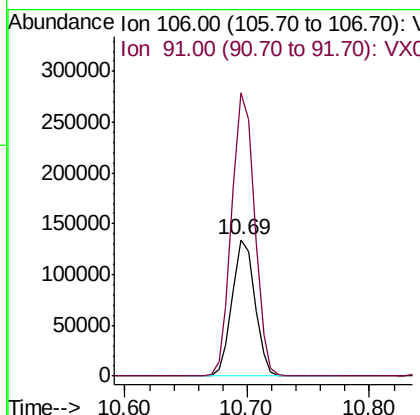
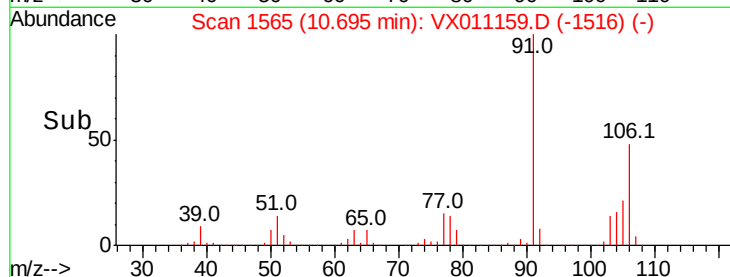
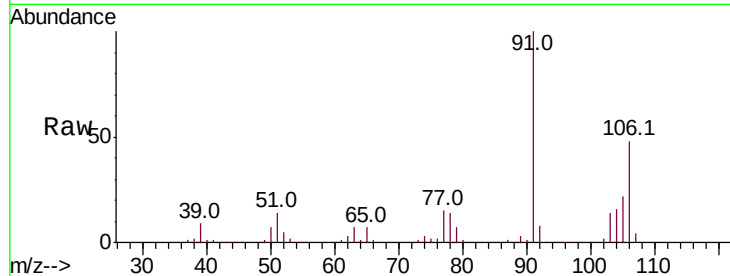
#69
o-Xylene
Concen: 51.435 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011159.D
Acq: 29 Jul 2019 20:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 172710
Ion Ratio Lower Upper
106 100
91 208.6 105.1 315.3

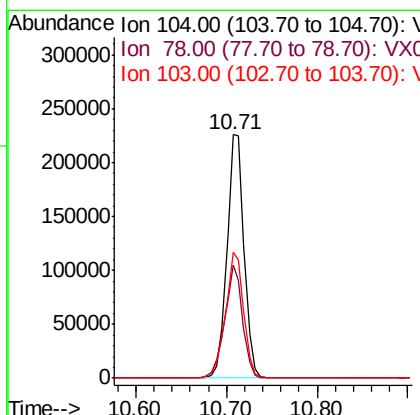
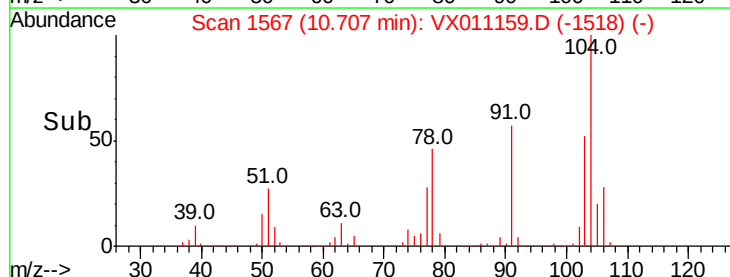
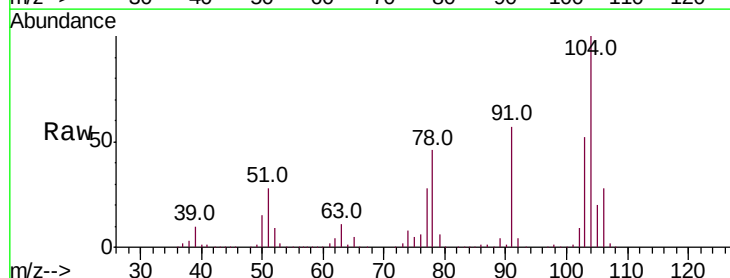
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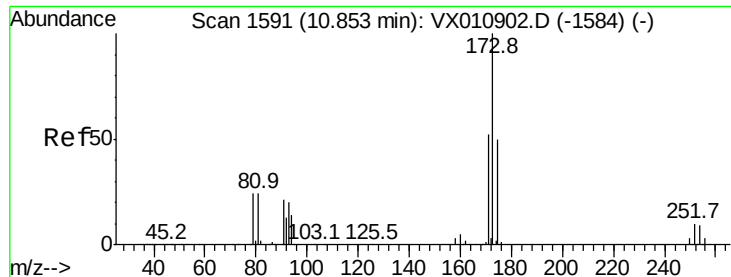
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#70
Styrene
Concen: 53.776 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX011159.D
Acq: 29 Jul 2019 20:29

Tgt Ion:104 Resp: 301012
Ion Ratio Lower Upper
104 100
78 48.1 38.8 58.2
103 54.8 44.2 66.4





#71

Bromoform

Concen: 49.428 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX011159.D

Acq: 29 Jul 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 83297

Ion Ratio Lower Upper

173 100

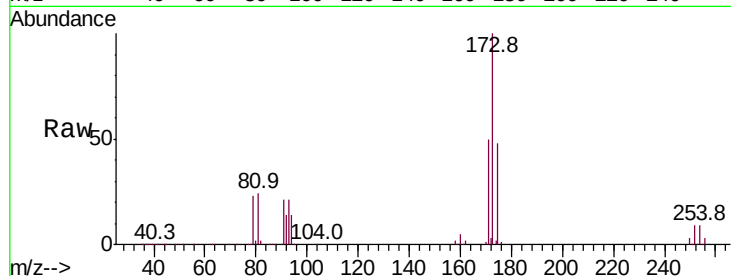
175 47.8 24.6 73.6

254 0.1 0.1 0.1#

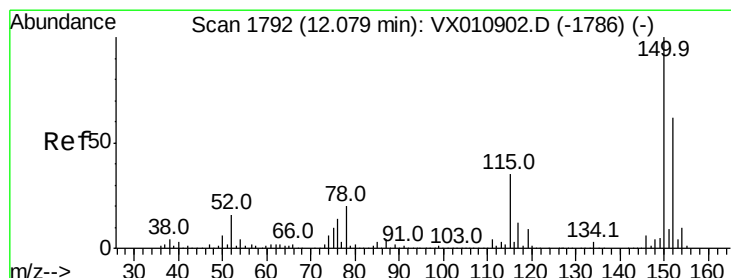
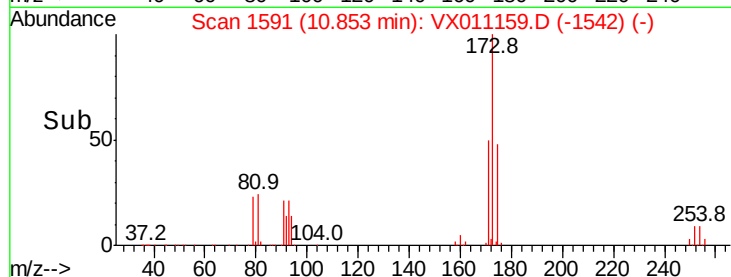
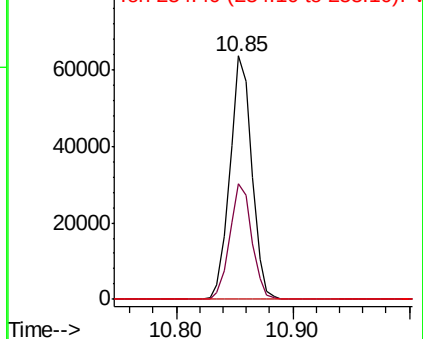
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX011159.D

Acq: 29 Jul 2019 20:29

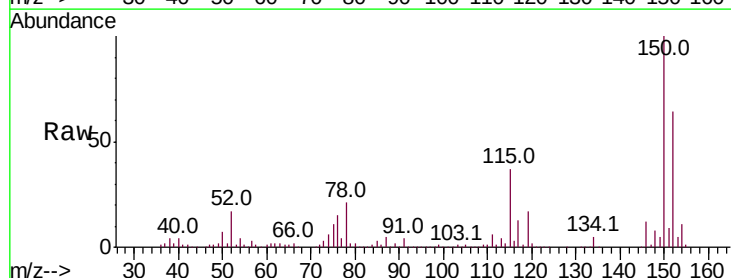
Tgt Ion:152 Resp: 136752

Ion Ratio Lower Upper

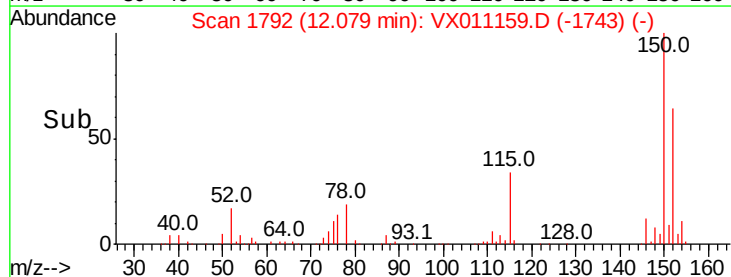
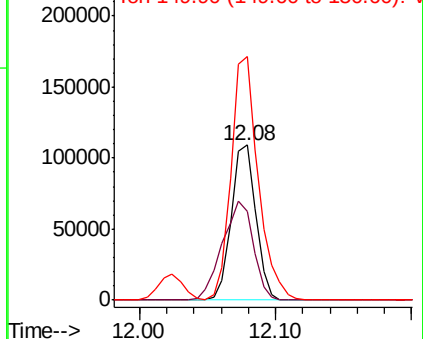
152 100

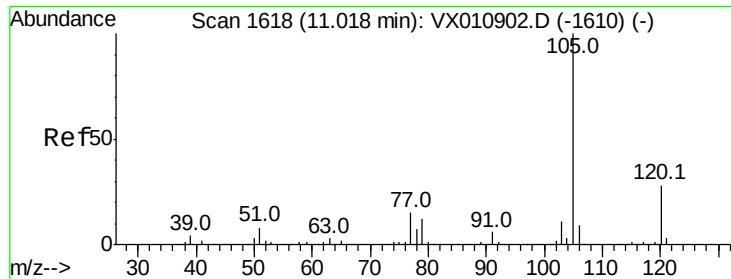
115 81.0 39.7 119.1

150 173.0 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: 50.145 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX011159.D

Acq: 29 Jul 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 463355

Ion Ratio Lower Upper

105 100

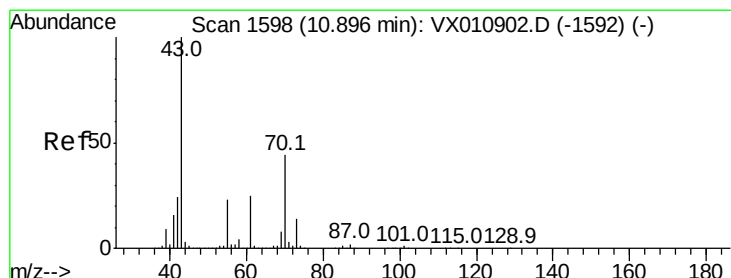
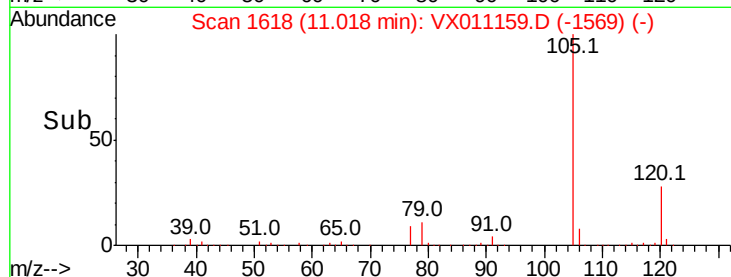
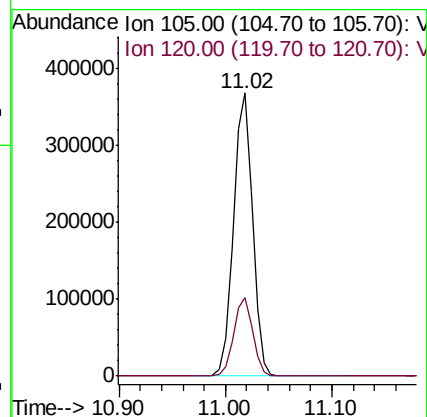
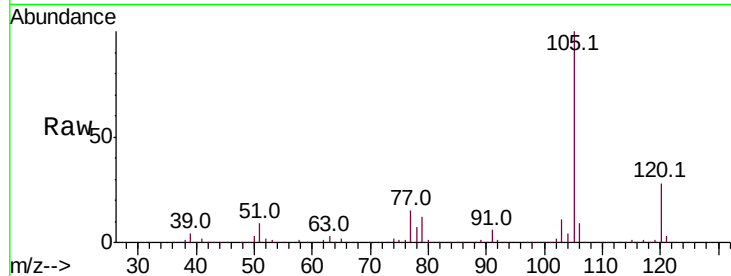
120 27.5 13.7 41.1

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#74

N-ethyl acetate

Concen: 50.943 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX011159.D

Acq: 29 Jul 2019 20:29

Tgt Ion: 43 Resp: 179861

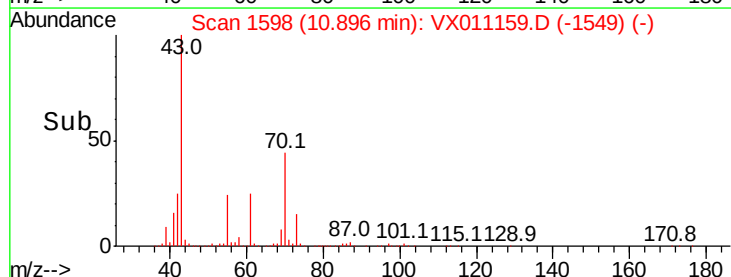
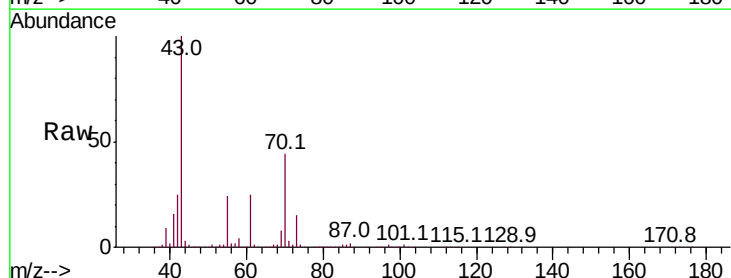
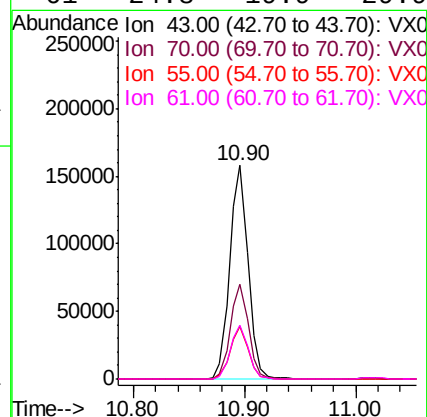
Ion Ratio Lower Upper

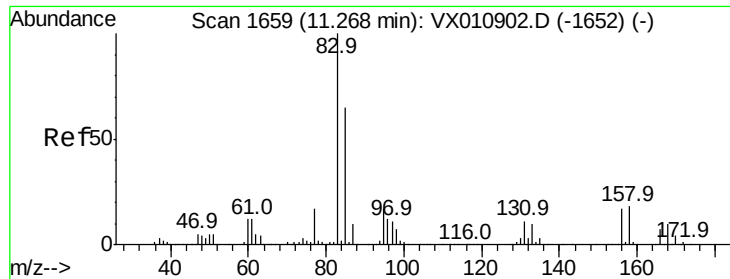
43 100

70 44.1 34.7 52.1

55 24.2 19.1 28.7

61 24.8 19.9 29.9





#75

1,1,2,2-Tetrachloroethane

Concen: 52.271 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VX011159.D

Acq: 29 Jul 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 158066

Ion Ratio Lower Upper

83 100

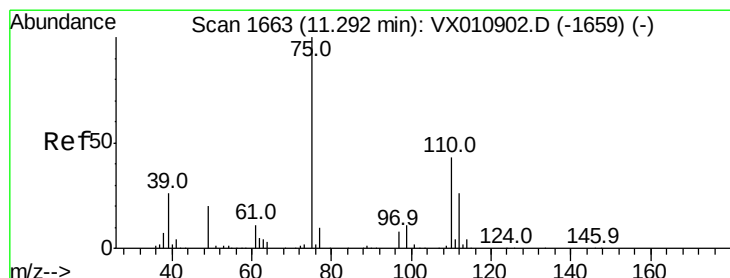
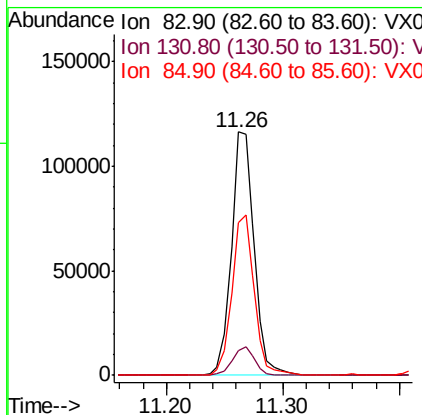
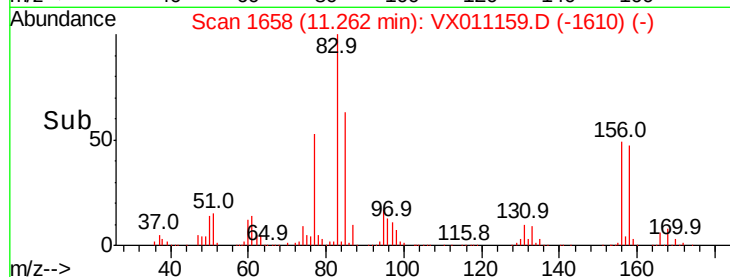
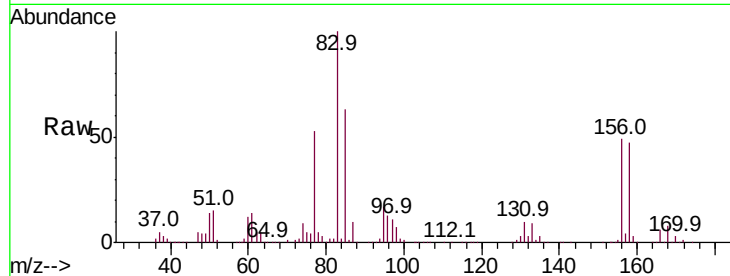
131 11.1 5.5 16.4

85 65.0 32.3 96.9

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#76

1,2,3-Trichloropropane

Concen: 52.591 ug/l m

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX011159.D

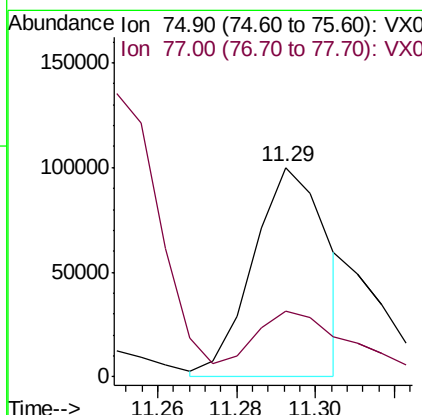
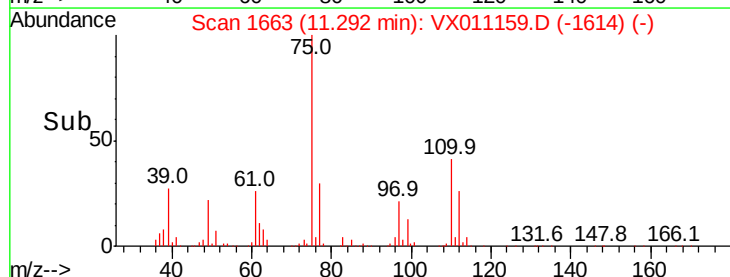
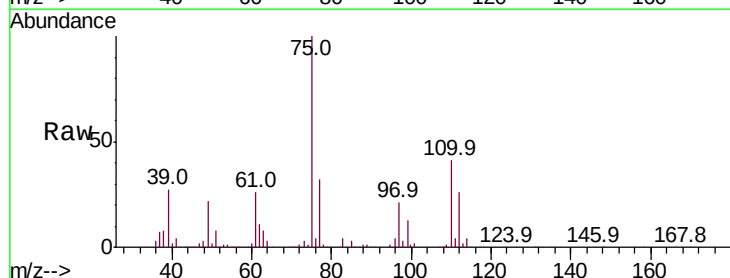
Acq: 29 Jul 2019 20:29

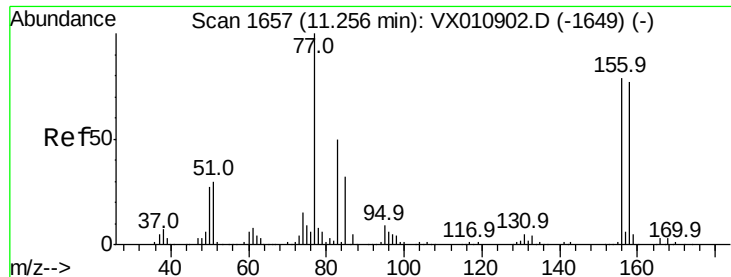
Tgt Ion: 75 Resp: 129782

Ion Ratio Lower Upper

75 100

77 41.4 21.3 64.0





#77

Bromobenzene

Concen: 50.405 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX011159.D

Acq: 29 Jul 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:156 Resp: 128472

Ion Ratio Lower Upper

156 100

77 136.4 68.7 206.1

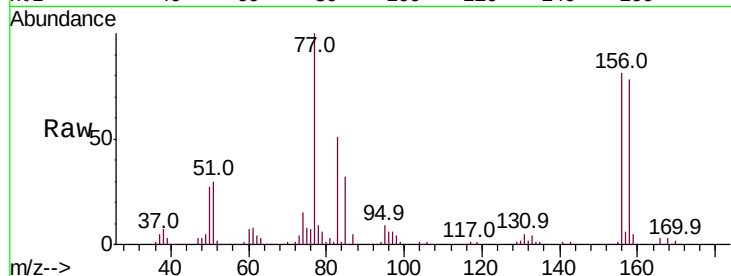
158 96.1 47.9 143.7

Manual Integrations

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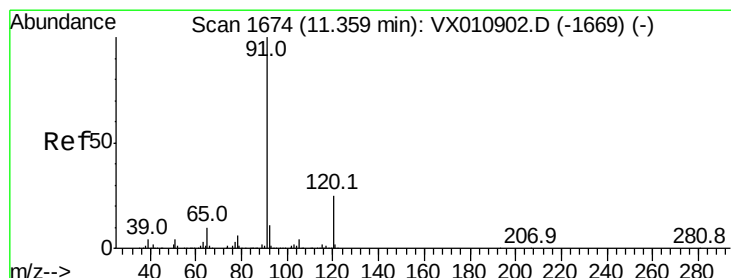
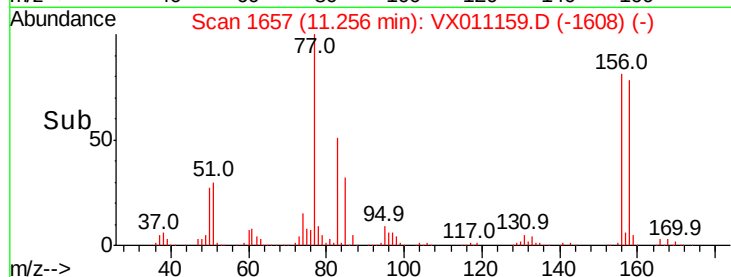
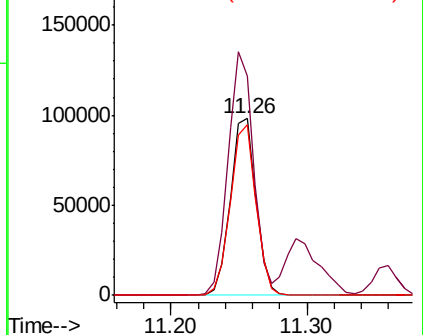
7/30/2019 11:09:21 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.893 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX011159.D

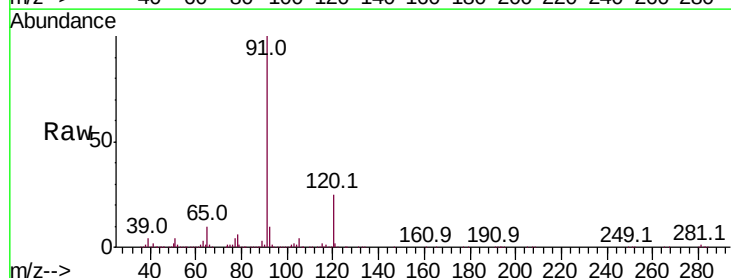
Acq: 29 Jul 2019 20:29

Tgt Ion: 91 Resp: 519605

Ion Ratio Lower Upper

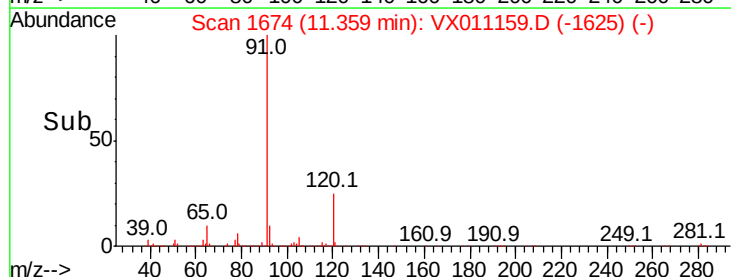
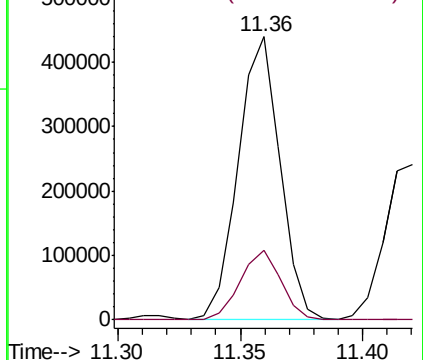
91 100

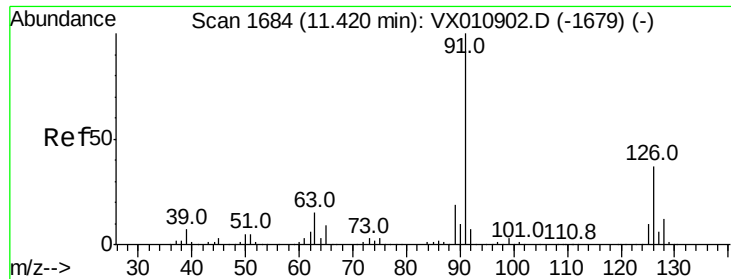
120 24.3 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.764 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX011159.D

Acq: 29 Jul 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 311349

Ion Ratio Lower Upper

91 100

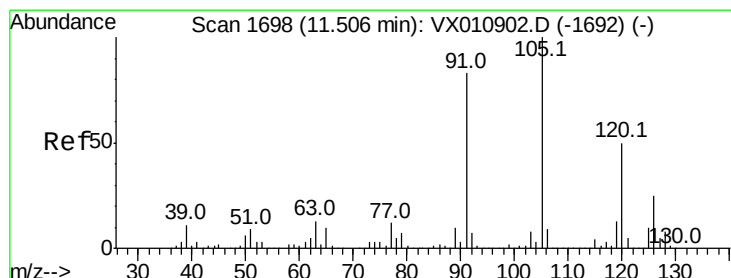
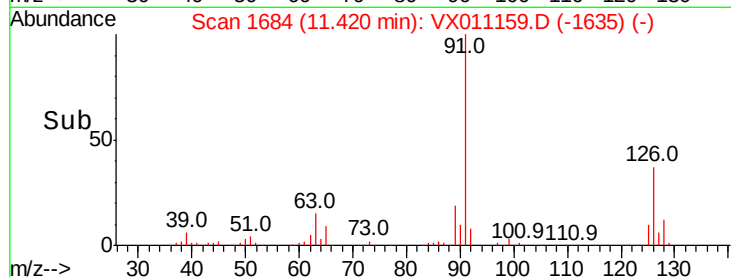
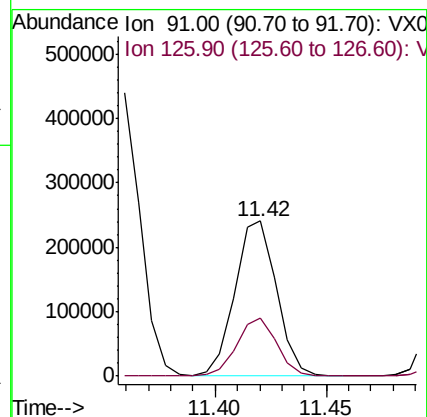
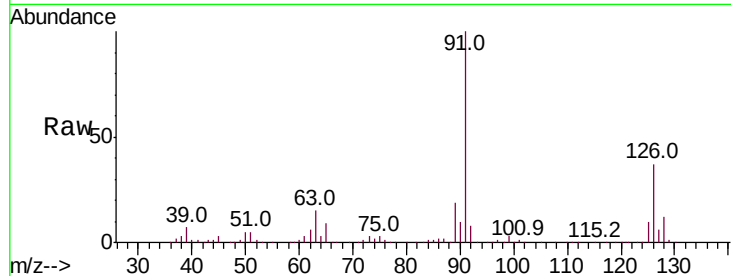
126 35.9 18.0 54.0

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#80

1,3,5-Trimethylbenzene

Concen: 50.704 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011159.D

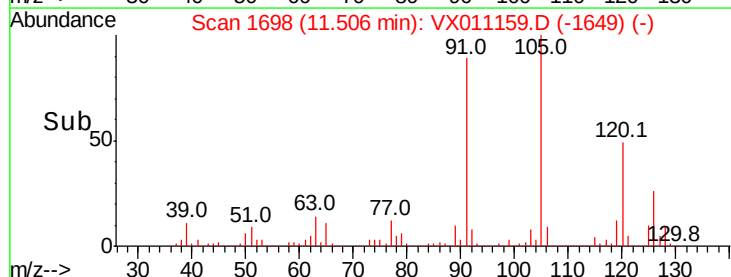
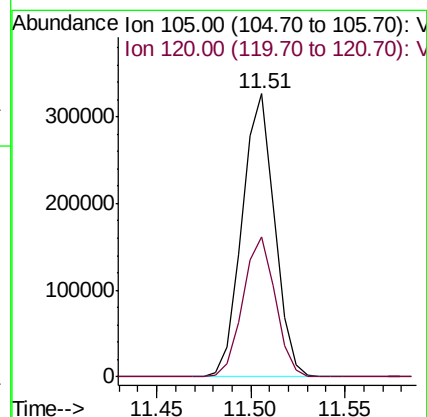
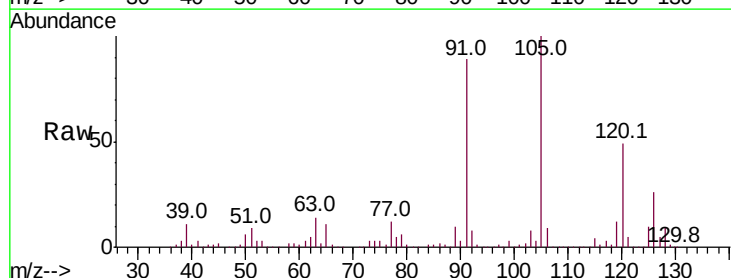
Acq: 29 Jul 2019 20:29

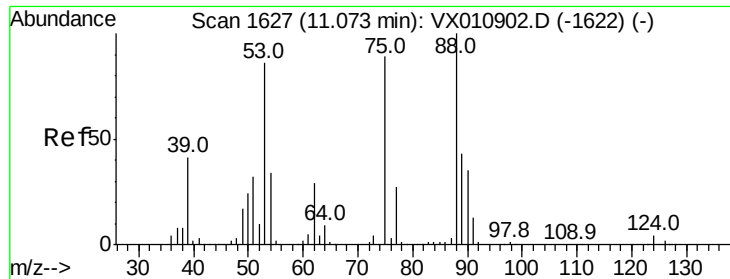
Tgt Ion: 105 Resp: 391496

Ion Ratio Lower Upper

105 100

120 49.4 24.6 73.8





#81

trans-1,4-Dichloro-2-butene

Concen: 45.719 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX011159.D

Acq: 29 Jul 2019 20:29

Instrument :

MSVOA_X

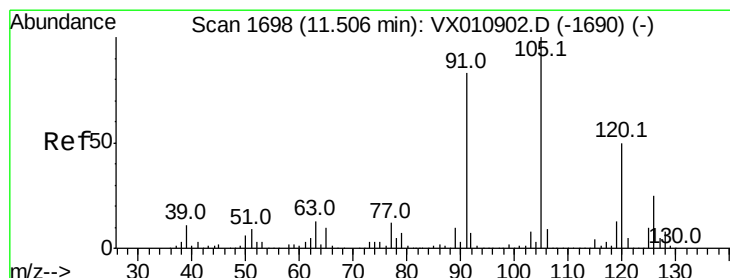
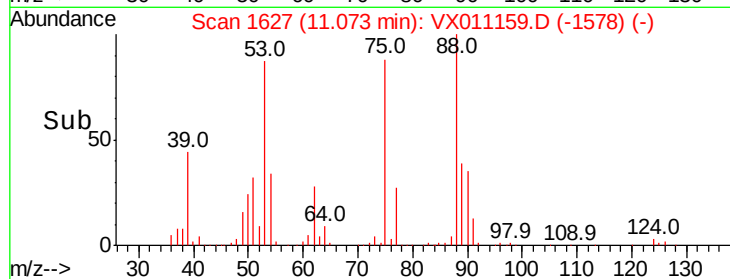
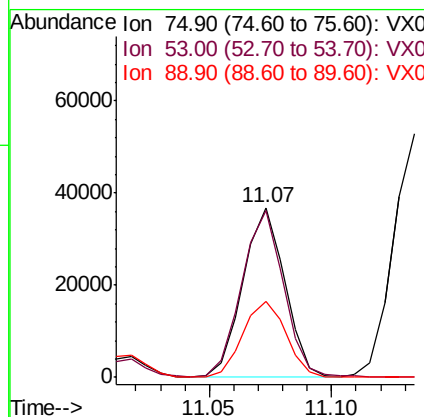
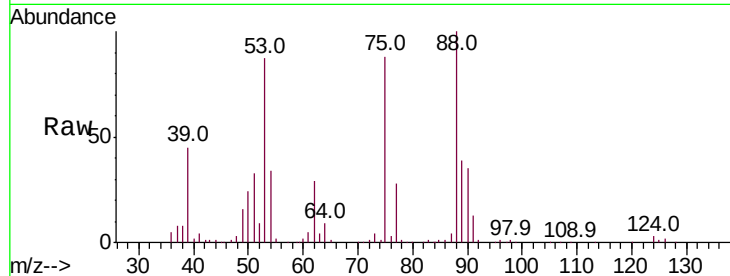
ClientSampled :

VSTDCCC050EC

Tot Ion:	75	Resp:	44171
Ion Ratio	Lower	Upper	
75	100		
53	99.0	76.7	115.1
89	46.3	38.5	57.7

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#82

4-Chlorotoluene

Concen: 51.300 ug/l

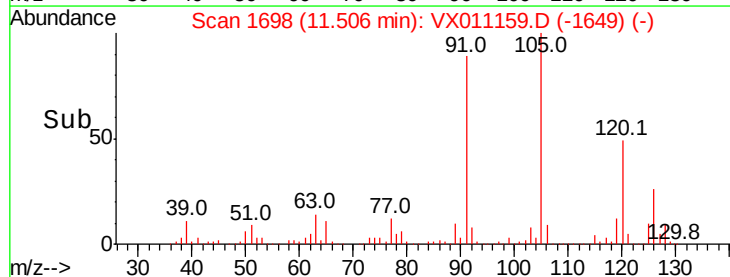
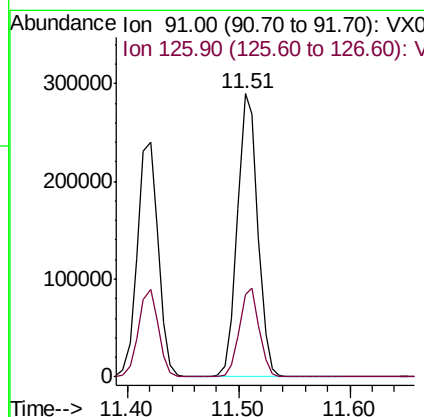
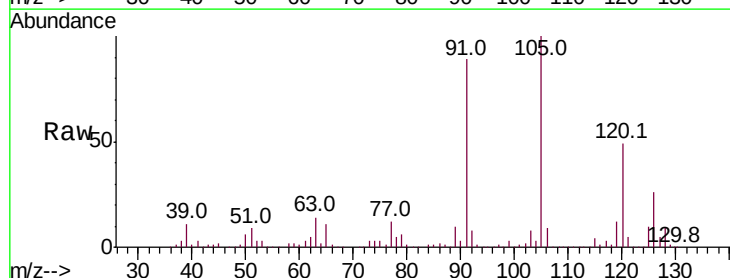
RT: 11.51 min Scan# 1698

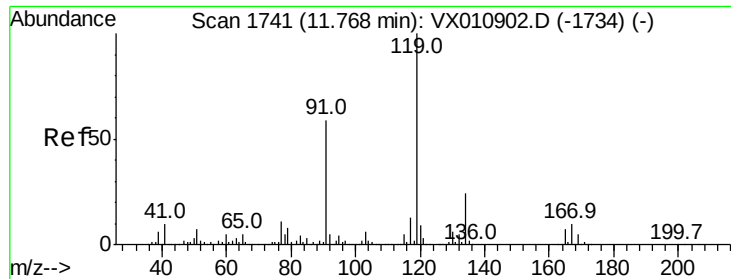
Delta R.T. 0.00 min

Lab File: VX011159.D

Acq: 29 Jul 2019 20:29

Tgt Ion:	91	Resp:	366206
Ion Ratio	Lower	Upper	
91	100		
126	30.9	15.9	47.7





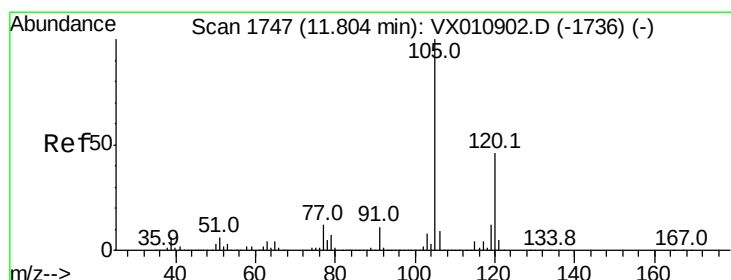
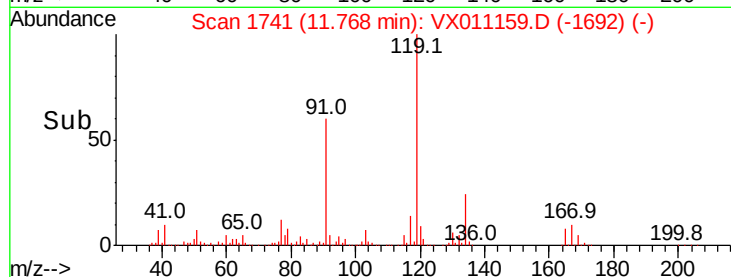
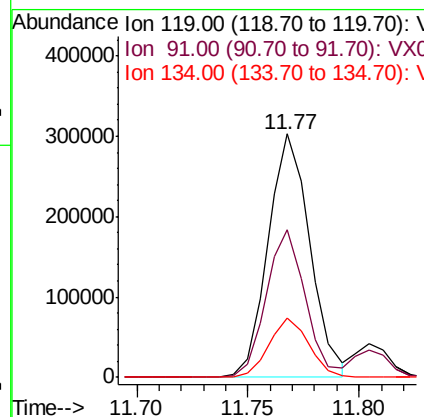
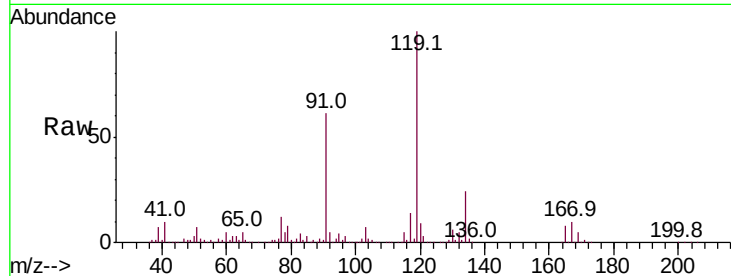
#83
 tert-Butylbenzene
 Concen: 51.913 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX011159.D
 Acq: 29 Jul 2019 20:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	57.4	28.6	85.8
134	23.3	11.6	34.8

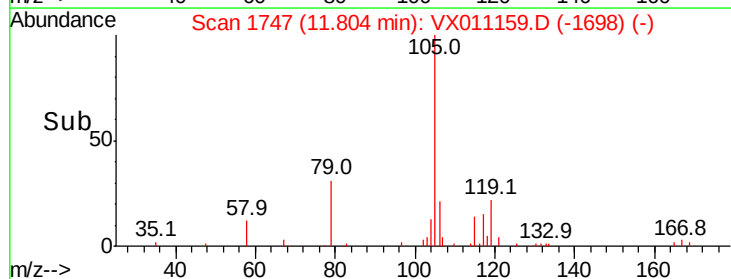
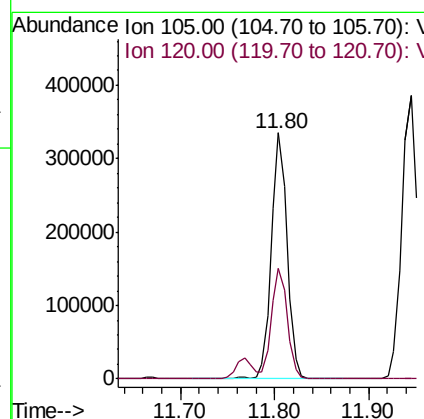
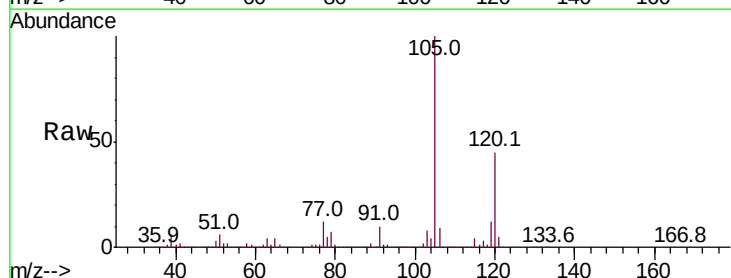
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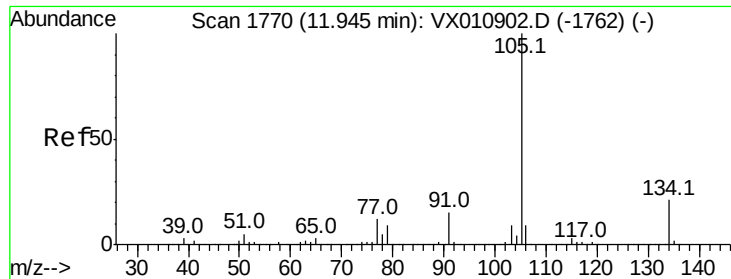
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#84
 1,2,4-Trimethylbenzene
 Concen: 51.105 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX011159.D
 Acq: 29 Jul 2019 20:29

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.5	22.9	68.5





#85

sec-Butylbenzene

Concen: 51.967 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX011159.D

Acq: 29 Jul 2019 20:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 461812

Ion Ratio Lower Upper

105 100

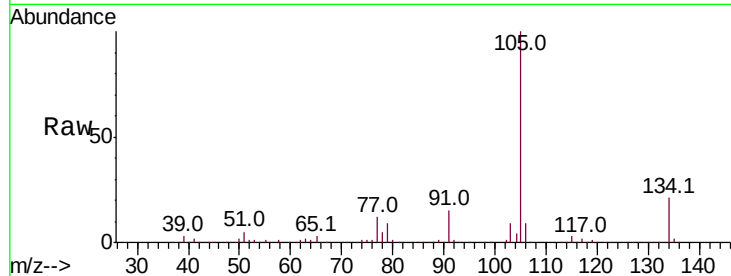
134 20.7 10.4 31.4

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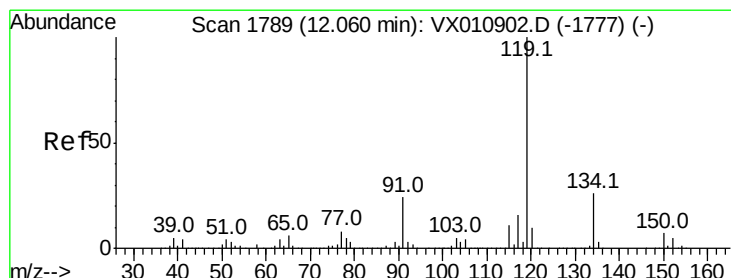
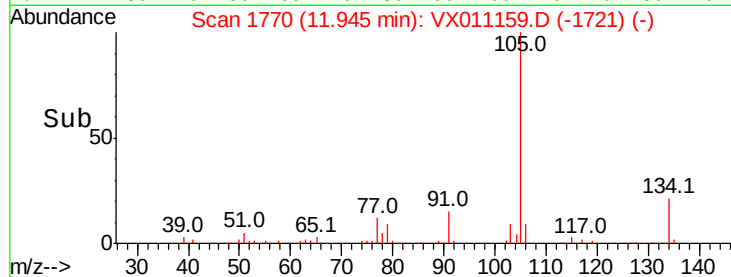
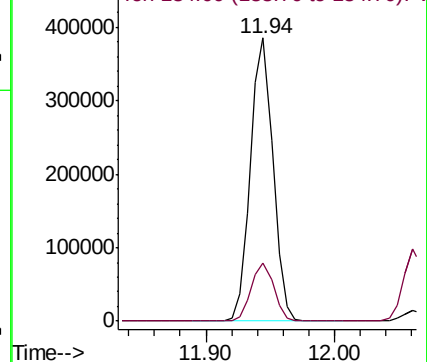
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 52.508 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX011159.D

Acq: 29 Jul 2019 20:29

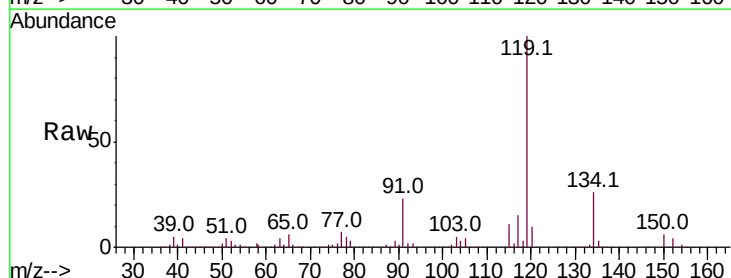
Tgt Ion:119 Resp: 431386

Ion Ratio Lower Upper

119 100

134 26.6 13.4 40.1

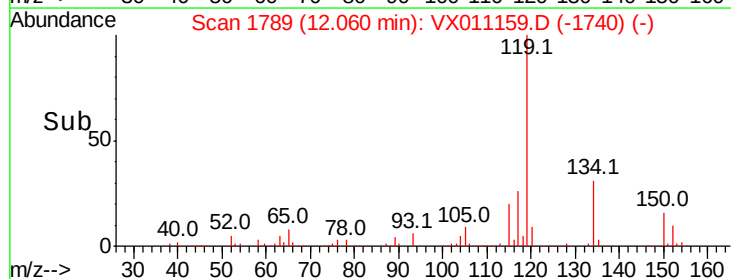
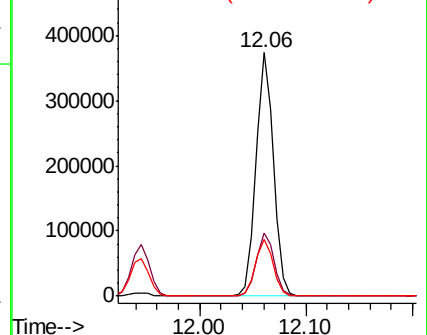
91 23.4 11.8 35.4

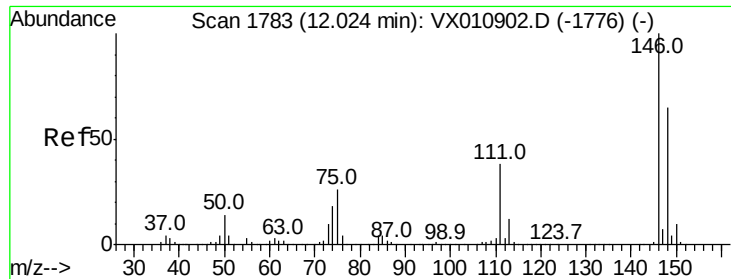


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





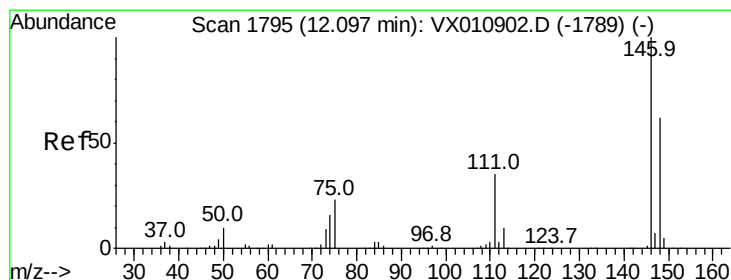
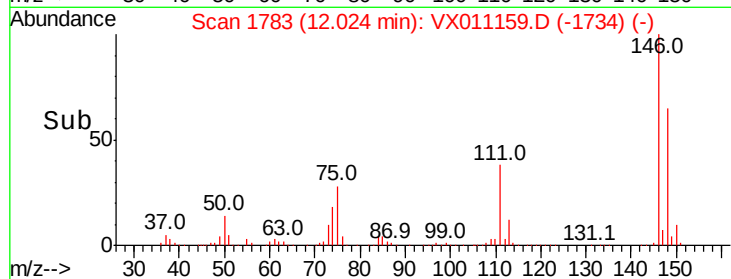
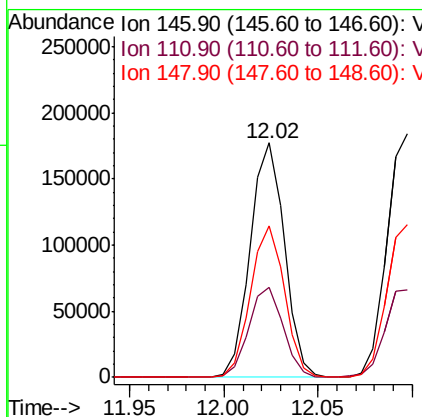
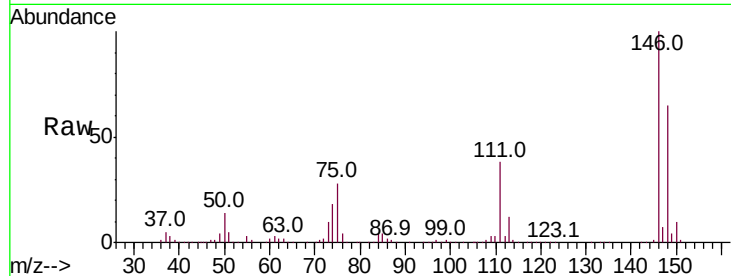
#87
 1,3-Dichlorobenzene
 Concen: 50.514 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX011159.D
 Acq: 29 Jul 2019 20:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	18.9	56.9
148	64.2	32.2	96.6

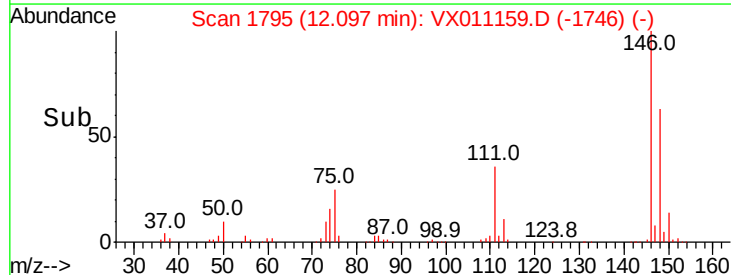
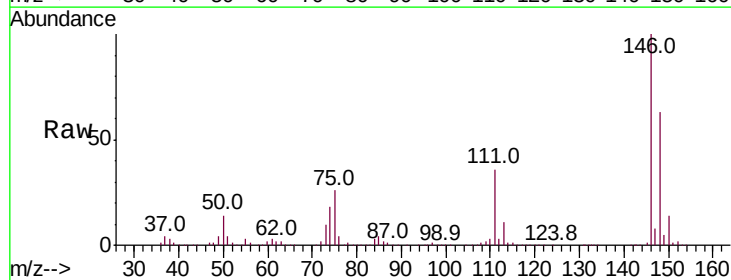
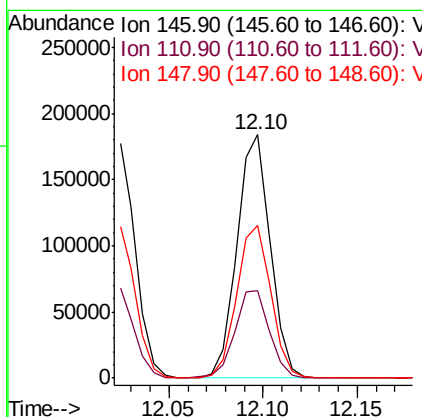
Manual Integrations
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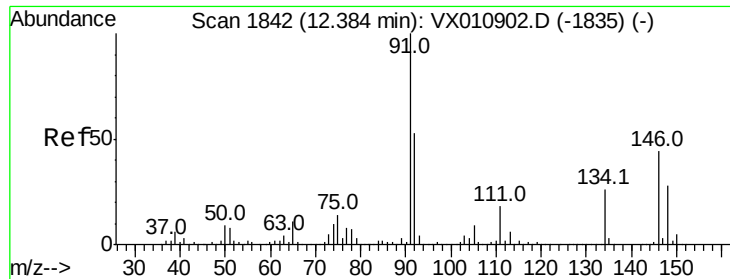
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#88
 1,4-Dichlorobenzene
 Concen: 49.521 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX011159.D
 Acq: 29 Jul 2019 20:29

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.6	55.8
148	64.4	31.6	94.7





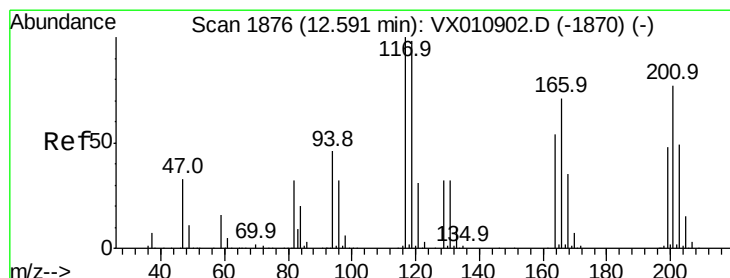
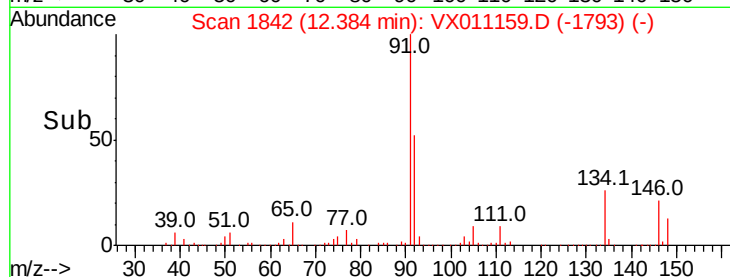
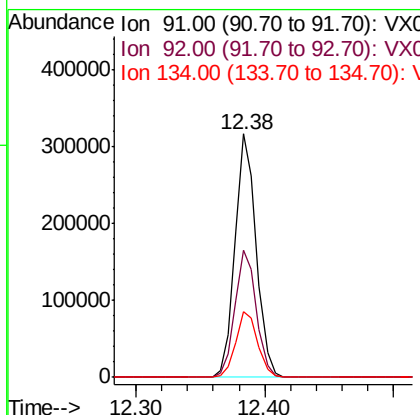
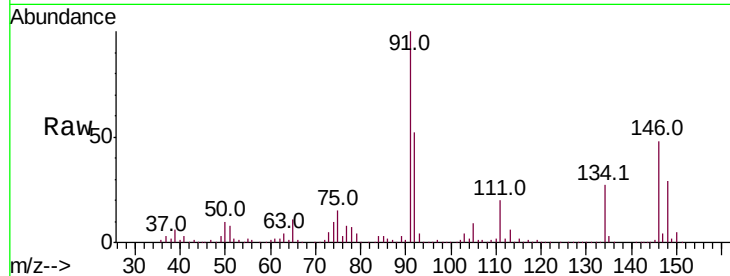
#89
n-Butylbenzene
Concen: 51.715 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX011159.D
Acq: 29 Jul 2019 20:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.8	26.2	78.5
134	27.6	13.8	41.3

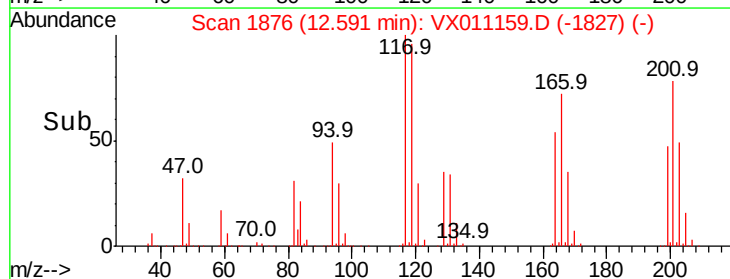
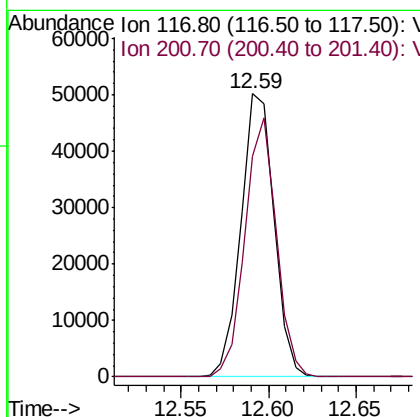
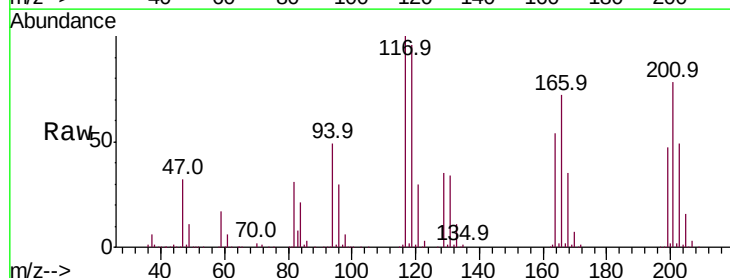
Manual Integrations
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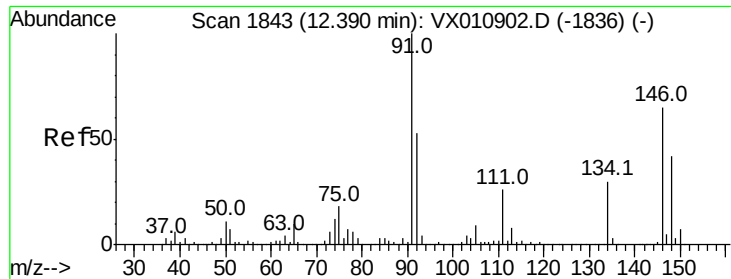
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#90
Hexachloroethane
Concen: 51.013 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. 0.00 min
Lab File: VX011159.D
Acq: 29 Jul 2019 20:29

Tgt Ion	Ratio	Lower	Upper
117	100		
201	86.5	43.3	129.8





#91

1,2-Dichlorobenzene

Concen: 51.120 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX011159.D

Acq: 29 Jul 2019 20:29

Instrument :

MSVOA_X

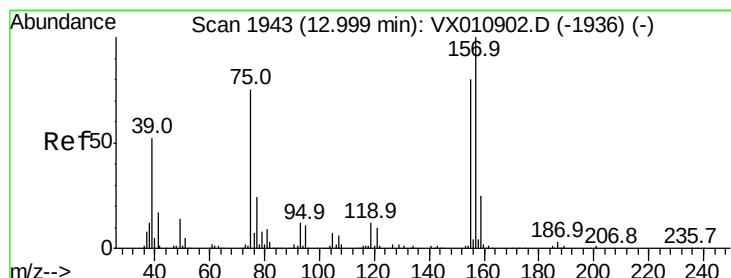
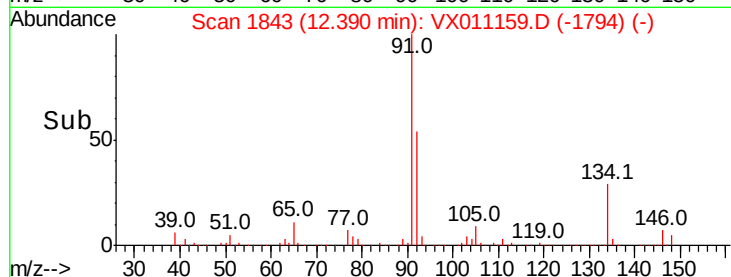
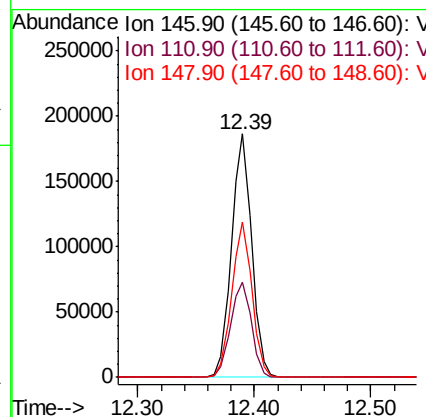
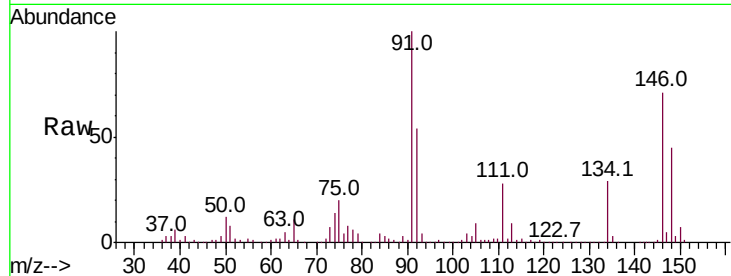
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	224099
Ion Ratio	Lower	Upper	
146	100		
111	40.2	19.9	59.7
148	63.8	32.0	96.2

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#92

1,2-Dibromo-3-Chloropropane

Concen: 55.127 ug/l

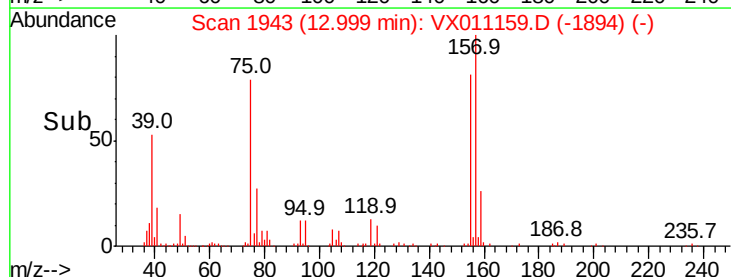
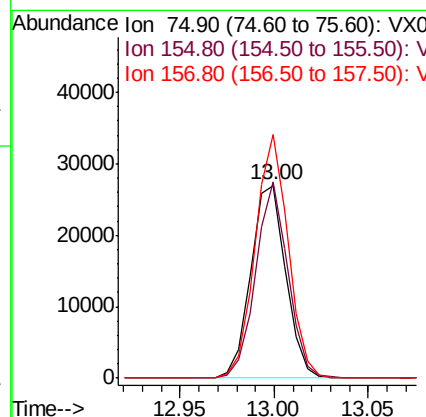
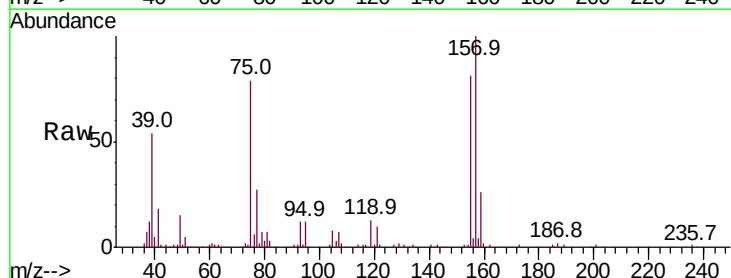
RT: 13.00 min Scan# 1943

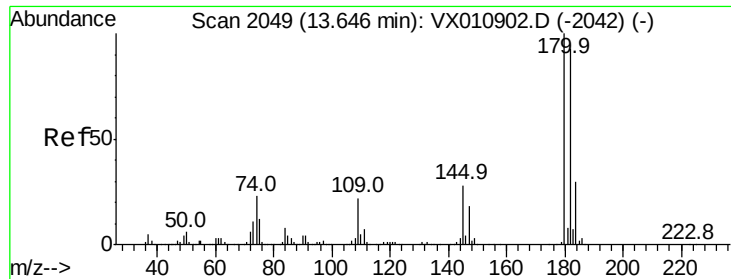
Delta R.T. 0.00 min

Lab File: VX011159.D

Acq: 29 Jul 2019 20:29

Tgt Ion:	75	Resp:	34846
Ion Ratio	Lower	Upper	
75	100		
155	93.1	48.7	146.1
157	118.4	62.5	187.6





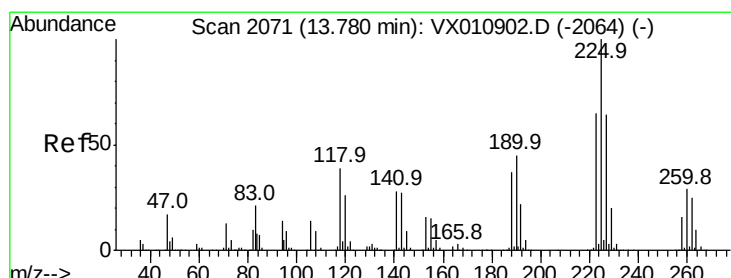
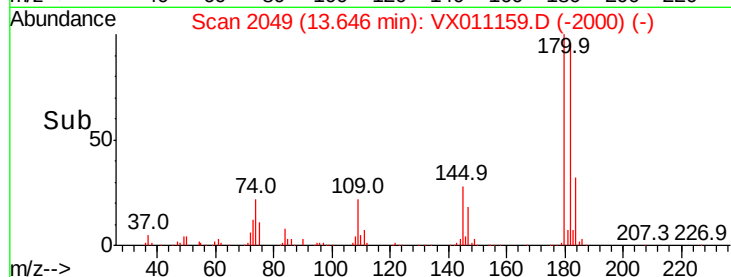
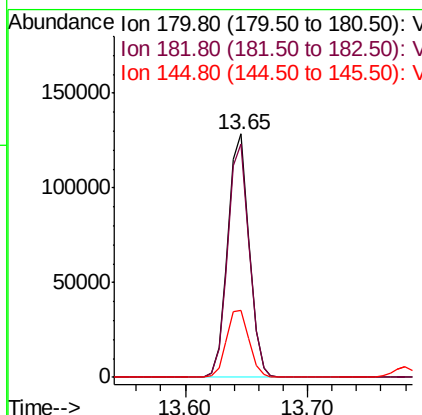
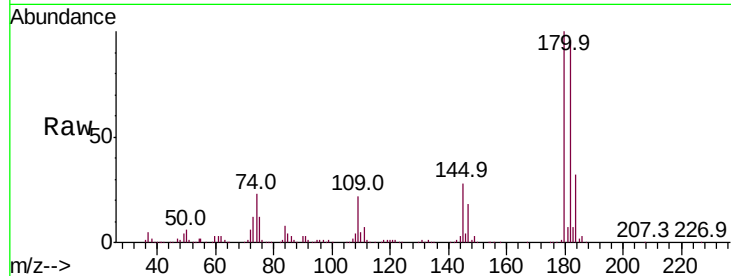
#93
 1,2,4-Trichlorobenzene
 Concen: 51.943 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX011159.D
 Acq: 29 Jul 2019 20:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	154318		
182	96.8	47.1	141.3	
145	29.4	14.8	44.4	

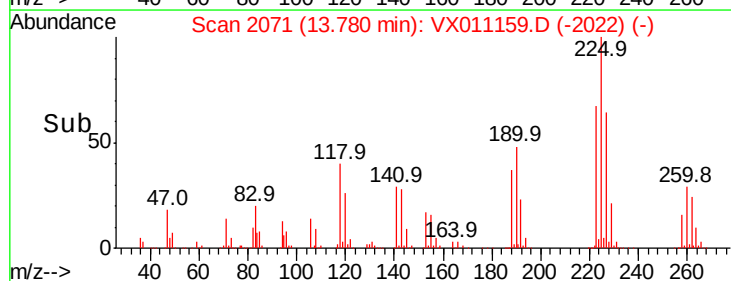
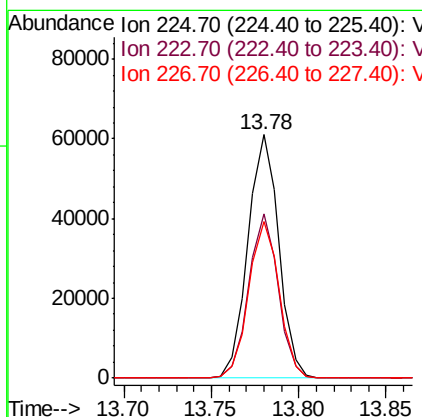
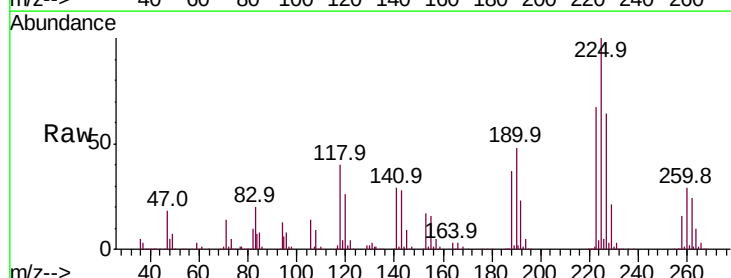
Manual Integrations
 APPROVED

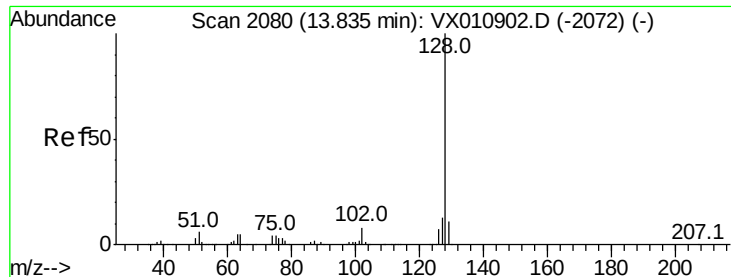
MMDadoda
 7/30/2019 11:09:21 AM



#94
 Hexachlorobutadiene
 Concen: 50.632 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX011159.D
 Acq: 29 Jul 2019 20:29

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	74542		
223	64.7	31.9	95.9	
227	63.6	32.5	97.4	





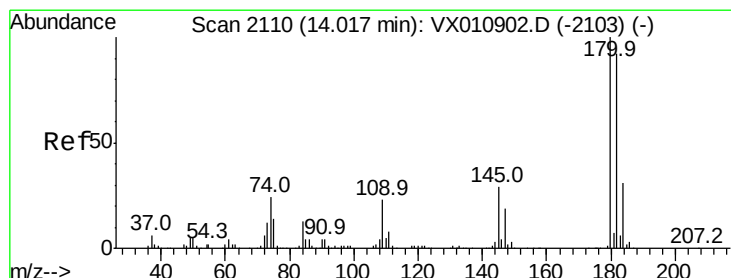
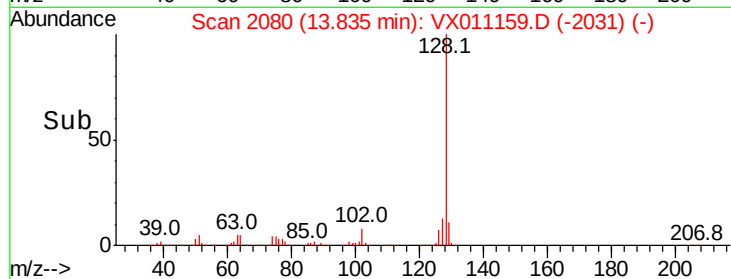
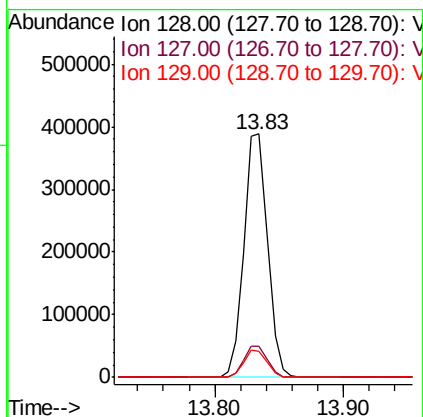
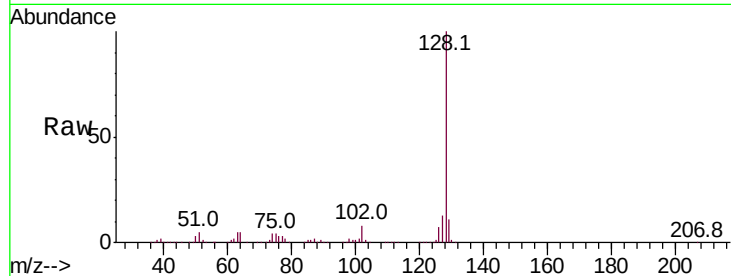
#95
Naphthalene
Concen: 55.696 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX011159.D
Acq: 29 Jul 2019 20:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	10.9	8.9	13.3

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 53.650 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX011159.D
Acq: 29 Jul 2019 20:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	47.4	142.3
145	30.2	15.1	45.3

